

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060123\
 Data File : VX035954.D
 Acq On : 01 Jun 2023 12:58
 Operator : JC/MD
 Sample : 02213-08 1PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

Quant Time: Jun 02 09:13:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/02/2023
 Supervised By : Semsettin Yesilyurt 06/02/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	197430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	350084	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	140079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	152161	47.462	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.920%		
35) Dibromofluoromethane	5.385	113	110917	47.106	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.220%		
50) Toluene-d8	8.647	98	407980	48.278	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.560%		
62) 4-Bromofluorobenzene	11.079	95	155117	46.498	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	2540	1.178	ug/l	91
3) Chloromethane	1.288	50	2584	1.048	ug/l	96
4) Vinyl Chloride	1.374	62	2482	1.072	ug/l	91
5) Bromomethane	1.618	94	1742	1.142	ug/l	96
6) Chloroethane	1.691	64	1569	1.151	ug/l	91
7) Trichlorofluoromethane	1.892	101	3834	1.176	ug/l	88
8) Diethyl Ether	2.136	74	1438	1.016	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	2431	1.202	ug/l	89
10) Methyl Iodide	2.453	142	2091	0.878	ug/l #	95
11) Tert butyl alcohol	3.032	59	3111m	5.464	ug/l	
12) 1,1-Dichloroethene	2.319	96	2068	1.044	ug/l	93
13) Acrolein	2.246	56	2676	4.879	ug/l #	82
14) Allyl chloride	2.666	41	4120	1.012	ug/l	97
15) Acrylonitrile	3.081	53	6515	4.870	ug/l	97
16) Acetone	2.398	43	8001	6.049	ug/l #	88
17) Carbon Disulfide	2.514	76	5222	1.052	ug/l	100
18) Methyl Acetate	2.703	43	5319	1.034	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	7728	0.996	ug/l #	91
20) Methylene Chloride	2.788	84	2901	1.139	ug/l #	89
21) trans-1,2-Dichloroethene	3.093	96	2217	0.979	ug/l #	92
22) Diisopropyl ether	3.751	45	7770	0.981	ug/l #	59
23) Vinyl Acetate	3.727	43	25432	4.571	ug/l	100
24) 1,1-Dichloroethane	3.617	63	4431	1.009	ug/l #	82
25) 2-Butanone	4.574	43	9892	5.225	ug/l	92
26) 2,2-Dichloropropane	4.471	77	3336	0.996	ug/l	85
27) cis-1,2-Dichloroethene	4.489	96	2622	0.965	ug/l	97
28) Bromochloromethane	4.910	49	2079	0.904	ug/l #	97
29) Tetrahydrofuran	5.032	42	6309	5.172	ug/l #	55
30) Chloroform	5.099	83	4850	1.072	ug/l	99
31) Cyclohexane	5.471	56	3730	1.111	ug/l #	82
32) 1,1,1-Trichloroethane	5.385	97	4053	1.060	ug/l #	52
36) 1,1-Dichloropropene	5.684	75	3628	1.156	ug/l	88
37) Ethyl Acetate	4.727	43	3687	1.054	ug/l	97
38) Carbon Tetrachloride	5.684	117	3347	1.094	ug/l #	79
39) Methylcyclohexane	7.379	83	3749	1.144	ug/l #	79
40) Benzene	6.038	78	10032	1.065	ug/l	98

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Manual Integrations
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Reviewed By :John Carlone 06/02/2023
 Supervised By :Semsettin Yesilyurt 06/02/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	1979m	0.998	ug/l	
42) 1,2-Dichloroethane	6.092	62	4256	1.141	ug/l	100
43) Isopropyl Acetate	6.342	43	5488	0.955	ug/l	98
44) Trichloroethene	7.129	130	2396	0.980	ug/l	87
45) 1,2-Dichloropropane	7.428	63	2499	1.008	ug/l #	78
46) Dibromomethane	7.580	93	1817	1.055	ug/l	92
47) Bromodichloromethane	7.818	83	2965	0.915	ug/l	89
48) Methyl methacrylate	7.690	41	2707	0.960	ug/l	96
49) 1,4-Dioxane	7.720	88	1425m	22.069	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	17145	4.886	ug/l	99
52) Toluene	8.714	92	6263	1.057	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	2676	0.781	ug/l	93
54) cis-1,3-Dichloropropene	8.366	75	3264	0.863	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	2676	1.084	ug/l	96
56) Ethyl methacrylate	9.122	69	3217	0.872	ug/l	99
57) 1,3-Dichloropropane	9.311	76	4304	1.013	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	8936	4.622	ug/l	92
59) 2-Hexanone	9.433	43	13137	5.063	ug/l	95
60) Dibromochloromethane	9.519	129	2066	0.862	ug/l	98
61) 1,2-Dibromoethane	9.604	107	2227	0.883	ug/l	90
64) Tetrachloroethene	9.269	164	2078	1.065	ug/l	92
65) Chlorobenzene	10.080	112	6827	1.090	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	1959	0.889	ug/l #	65
67) Ethyl Benzene	10.195	91	11286	1.012	ug/l	97
68) m/p-Xylenes	10.299	106	8379	1.981	ug/l	100
69) o-Xylene	10.647	106	4296	1.011	ug/l	90
70) Styrene	10.659	104	6659	0.970	ug/l	95
71) Bromoform	10.799	173	1179	0.773	ug/l #	98
73) Isopropylbenzene	10.957	105	10729	1.054	ug/l	99
74) N-amyl acetate	10.842	43	4280	0.965	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	3856	1.107	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	2842m	0.900	ug/l	
77) Bromobenzene	11.201	156	2683	1.066	ug/l	96
78) n-propylbenzene	11.305	91	11899	1.036	ug/l	100
79) 2-Chlorotoluene	11.366	91	8398	1.122	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	8803	1.026	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	711m	0.758	ug/l	
82) 4-Chlorotoluene	11.457	91	9464	1.102	ug/l	100
83) tert-Butylbenzene	11.713	119	8796	1.073	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	8983	1.020	ug/l	99
85) sec-Butylbenzene	11.890	105	10545	1.084	ug/l	98
86) p-Isopropyltoluene	12.006	119	8488	1.021	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	4711	1.022	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	4971m	1.023	ug/l	
89) n-Butylbenzene	12.335	91	7335	1.044	ug/l	95
90) Hexachloroethane	12.536	117	1156	0.877	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	4850	1.057	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	632	0.879	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	2423	0.907	ug/l	85
94) Hexachlorobutadiene	13.725	225	1147	1.129	ug/l	92
95) Naphthalene	13.774	128	8141	0.876	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.957	180	2734	1.038	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

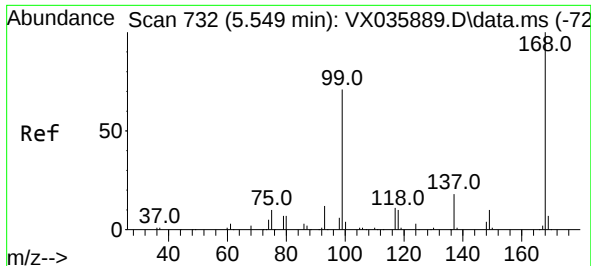
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

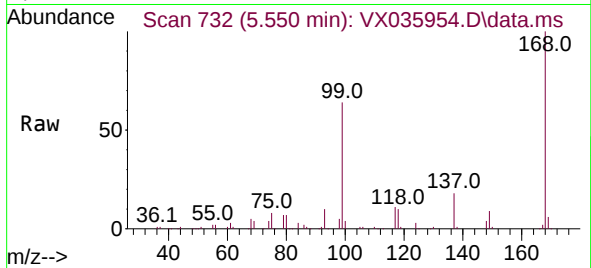
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035954.D
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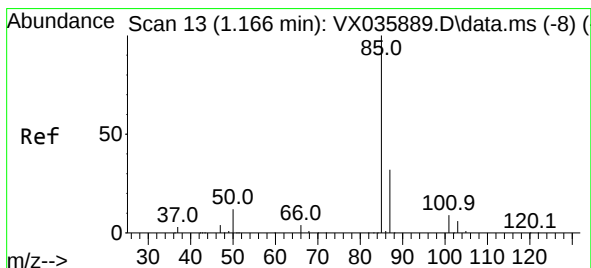
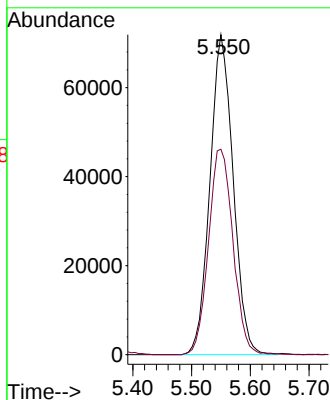
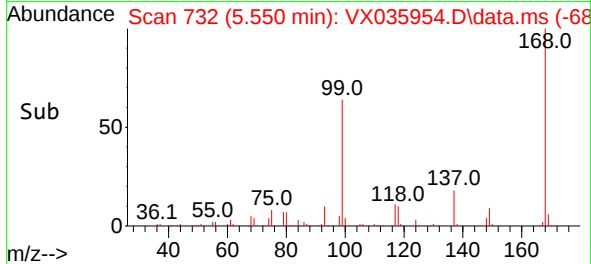
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:168 Resp: 197430
Ion Ratio Lower Upper
168 100
99 64.2 57.0 85.6

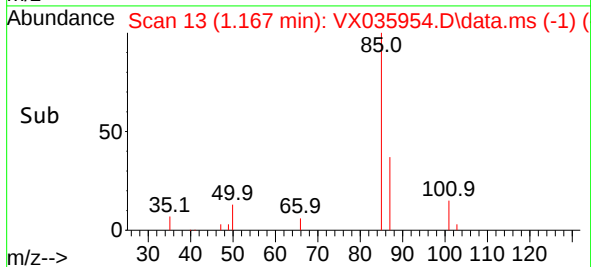
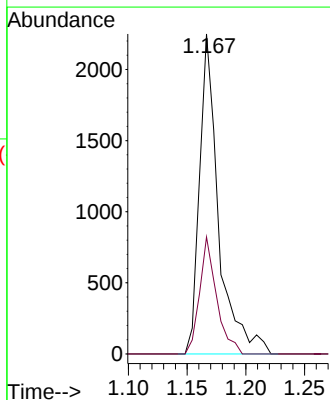
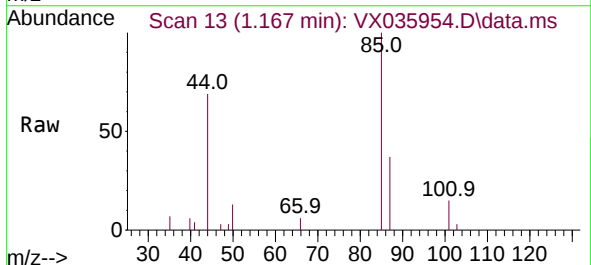
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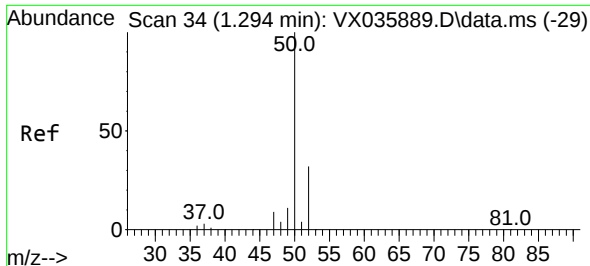
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#2
Dichlorodifluoromethane
Concen: 1.178 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

Tgt Ion: 85 Resp: 2540
Ion Ratio Lower Upper
85 100
87 36.5 15.8 47.4





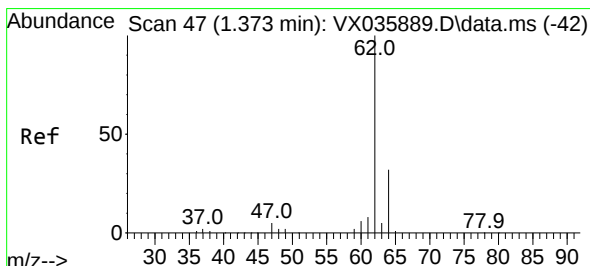
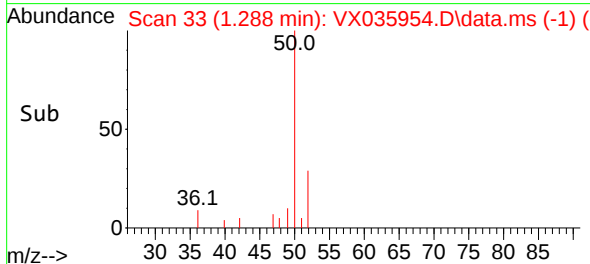
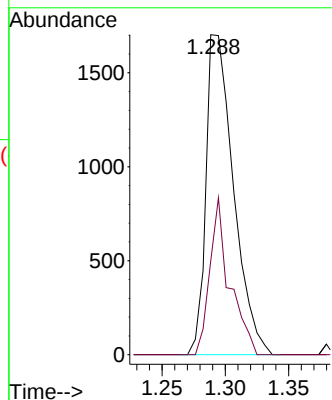
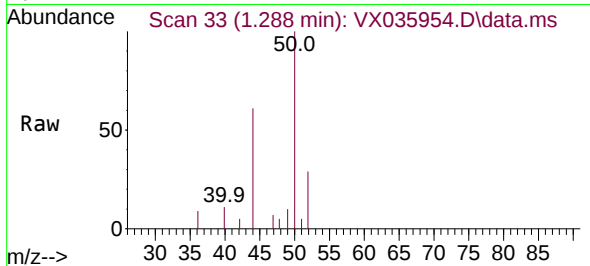
#3
Chloromethane
Concen: 1.048 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion: 50 Resp: 2584
Ion Ratio Lower Upper
50 100
52 29.4 25.4 38.2

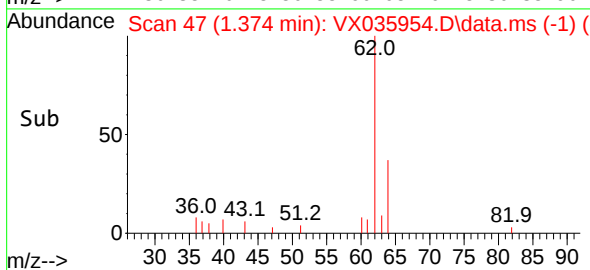
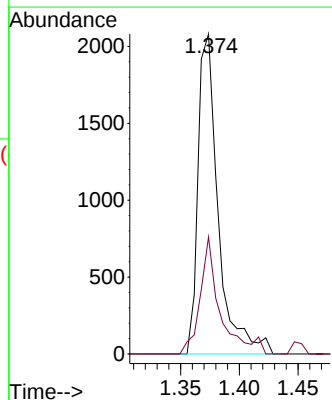
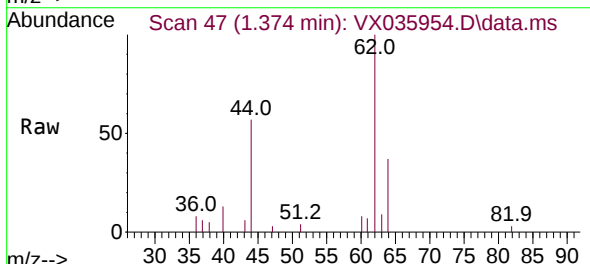
Manual Integrations
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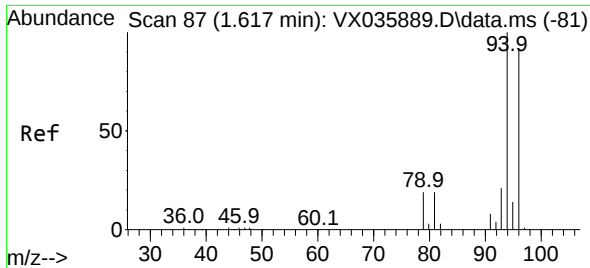
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#4
Vinyl Chloride
Concen: 1.072 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

Tgt Ion: 62 Resp: 2482
Ion Ratio Lower Upper
62 100
64 36.6 25.2 37.8





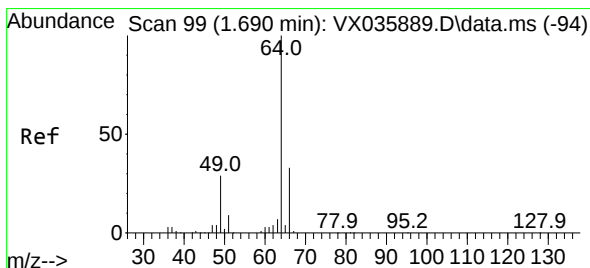
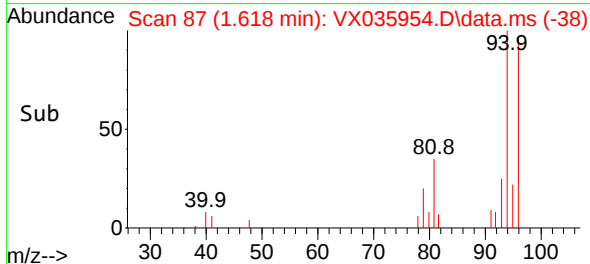
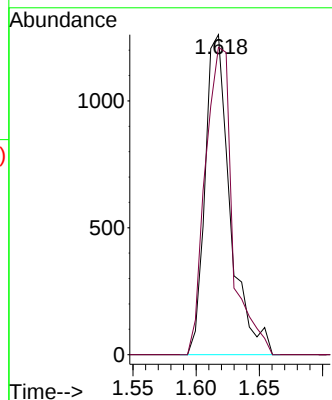
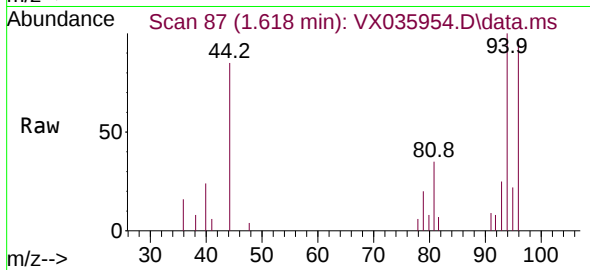
#5
Bromomethane
Concen: 1.142 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.001 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion: 94 Resp: 174
Ion Ratio Lower Upper
94 100
96 96.0 73.5 110.3

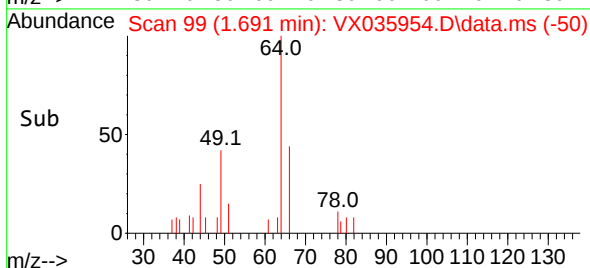
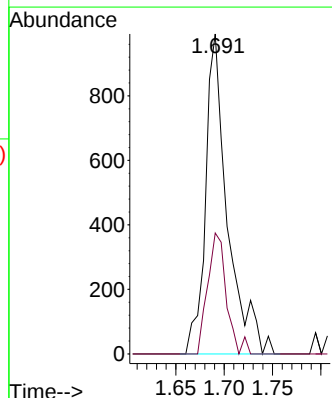
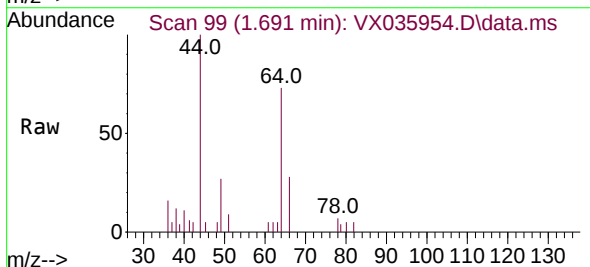
Manual Integrations
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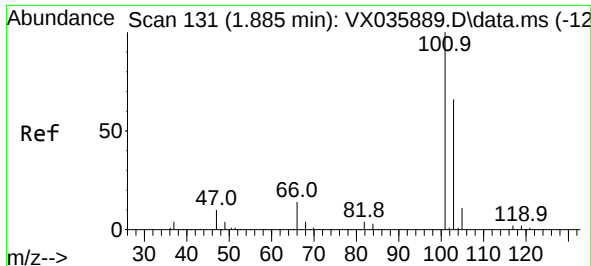
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#6
Chloroethane
Concen: 1.151 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX035954.D
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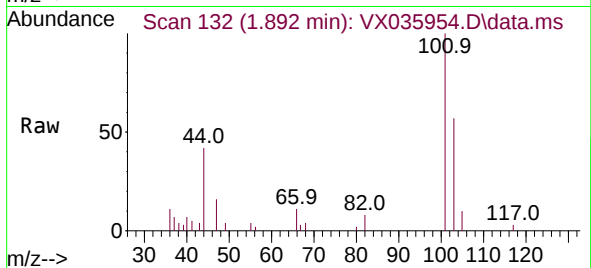
Tgt Ion: 64 Resp: 1569
Ion Ratio Lower Upper
64 100
66 37.8 26.0 39.0





#7
Trichlorofluoromethane
Concen: 1.176 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

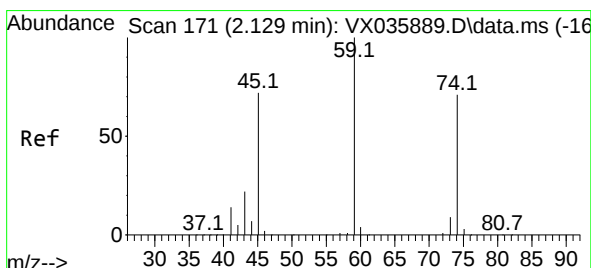
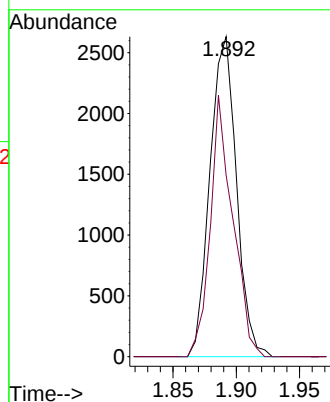
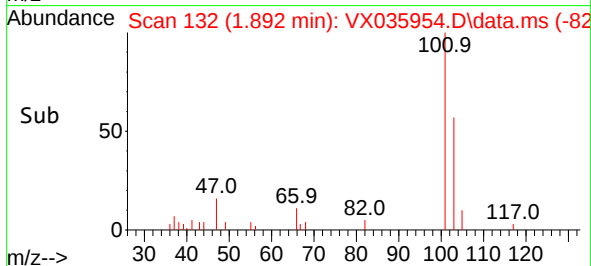
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:101 Resp: 3834
Ion Ratio Lower Upper
101 100
103 56.7 53.2 79.8

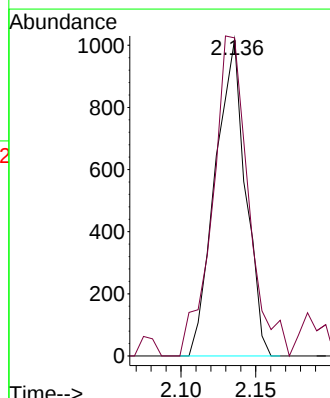
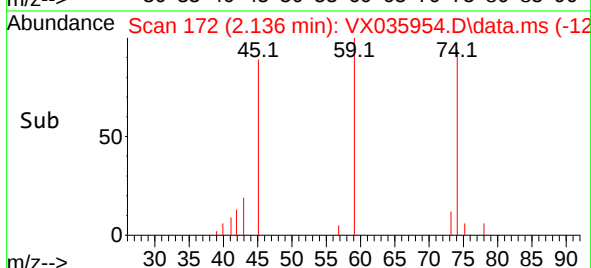
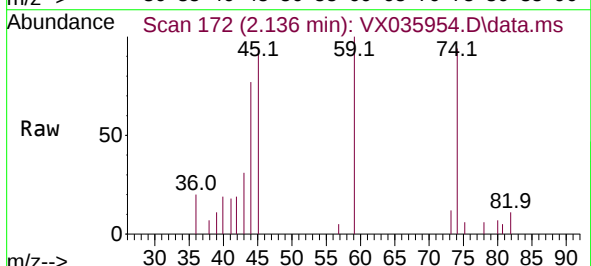
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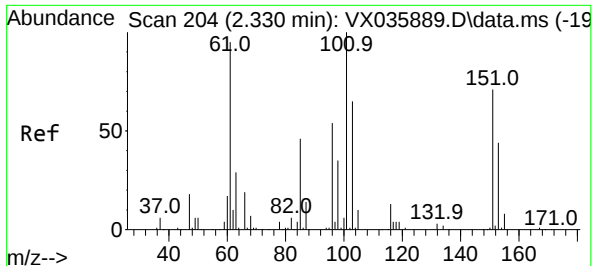
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#8
Diethyl Ether
Concen: 1.016 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.007 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

Tgt Ion: 74 Resp: 1438
Ion Ratio Lower Upper
74 100
45 118.8 50.6 151.9





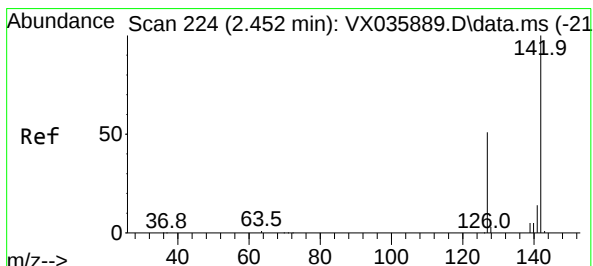
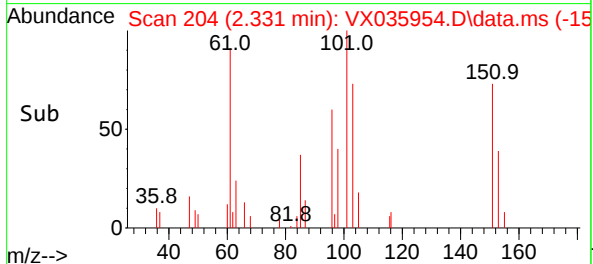
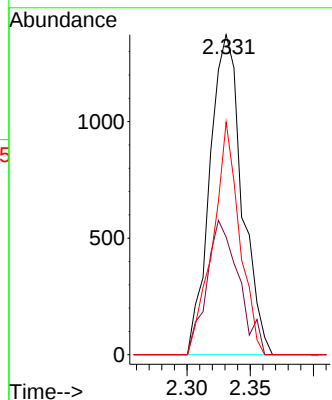
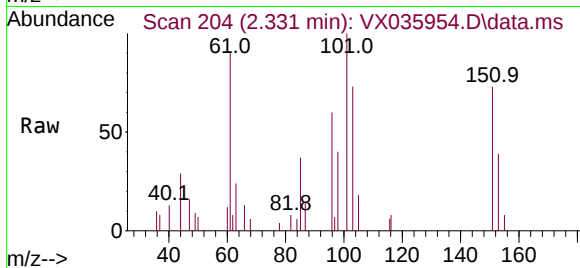
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.202 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion:101 Resp: 243
Ion Ratio Lower Upper
101 100
85 41.8 37.3 55.9
151 60.1 57.0 85.6

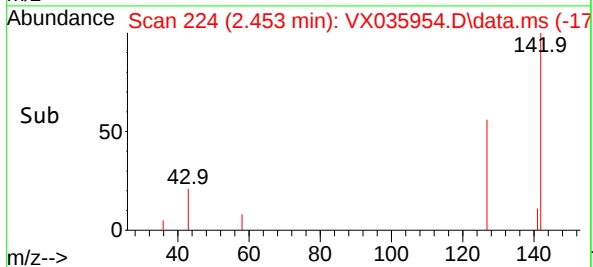
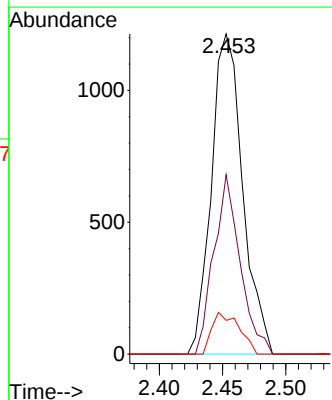
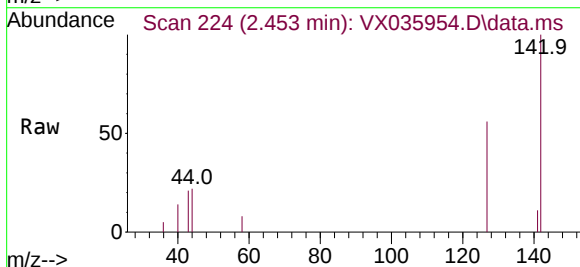
Manual Integrations
APPROVED

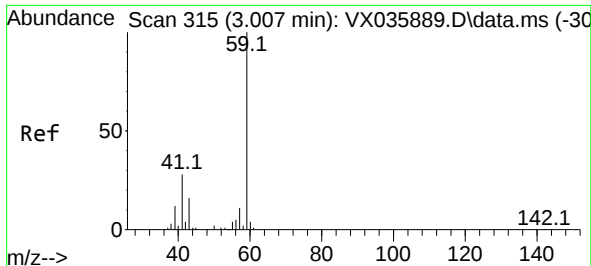
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#10
Methyl Iodide
Concen: 0.878 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

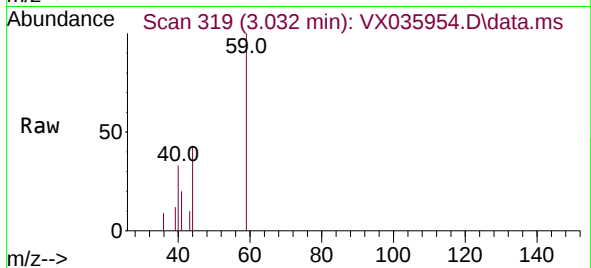
Tgt Ion:142 Resp: 2091
Ion Ratio Lower Upper
142 100
127 47.0 40.3 60.5
141 11.3 11.4 17.0#





#11
Tert butyl alcohol
Concen: 5.464 ug/l m
RT: 3.032 min Scan# 311
Delta R.T. 0.025 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

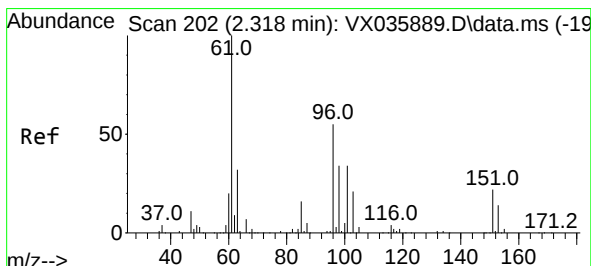
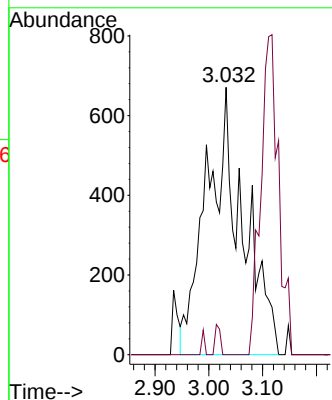
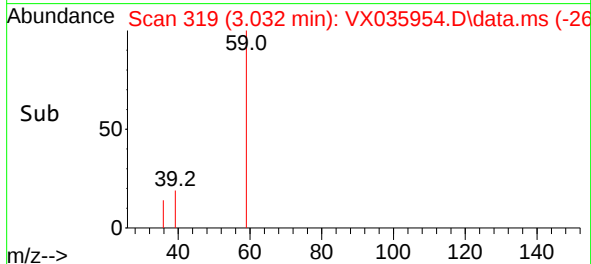
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 59 Resp: 311
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0

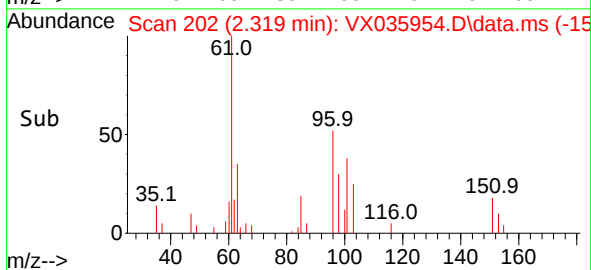
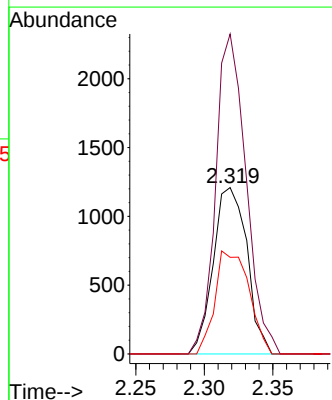
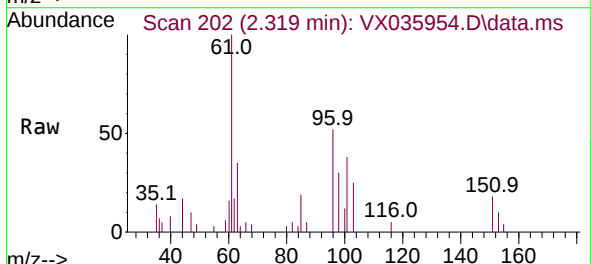
Manual Integrations
APPROVED

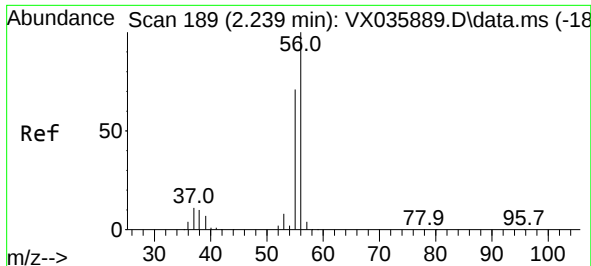
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#12
1,1-Dichloroethene
Concen: 1.044 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

Tgt Ion: 96 Resp: 2068
Ion Ratio Lower Upper
96 100
61 192.2 145.2 217.8
98 58.0 49.3 73.9





#13

Acrolein

Concen: 4.879 ug/l

RT: 2.246 min Scan# 189

Delta R.T. 0.007 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

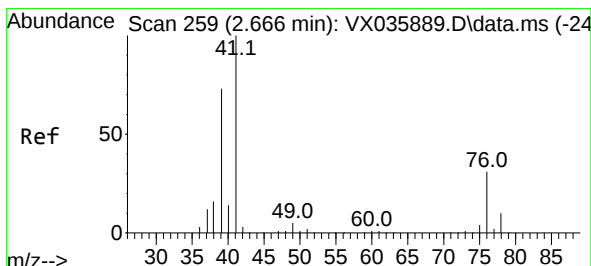
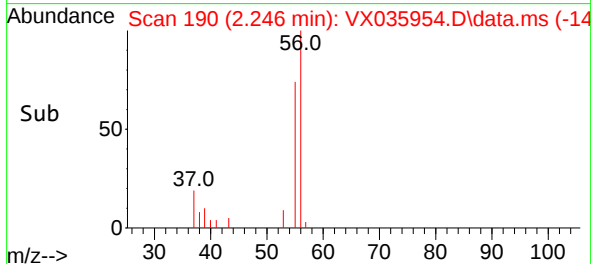
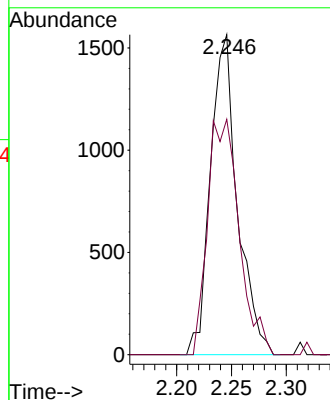
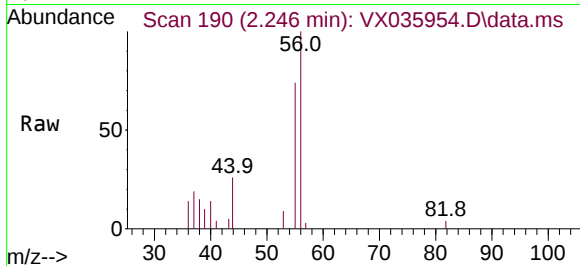
Tgt Ion: 56 Resp: 2670
 Ion Ratio Lower Upper
 56 100
 55 86.2 57.3 85.9

Manual Integrations

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Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#14

Allyl chloride

Concen: 1.012 ug/l

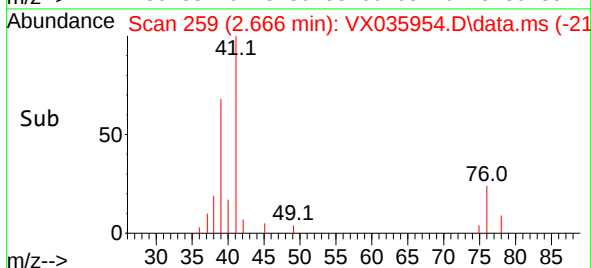
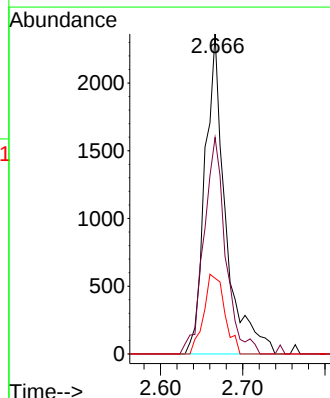
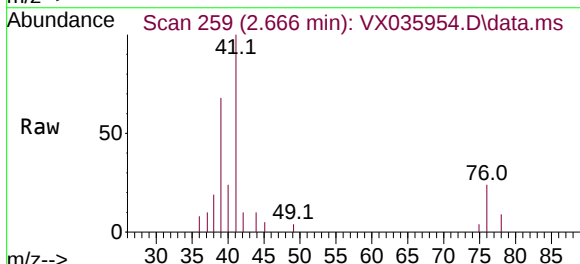
RT: 2.666 min Scan# 259

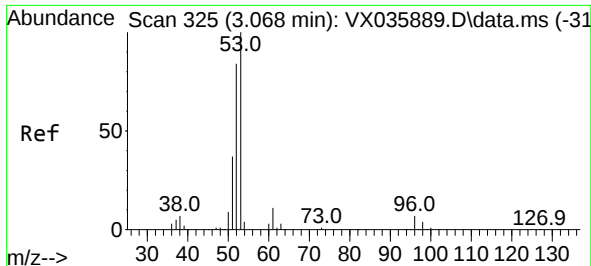
Delta R.T. 0.000 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Tgt Ion: 41 Resp: 4120
 Ion Ratio Lower Upper
 41 100
 39 71.2 56.9 85.3
 76 25.2 24.1 36.1





#15

Acrylonitrile

Concen: 4.870 ug/l

RT: 3.081 min Scan# 31

Delta R.T. 0.013 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

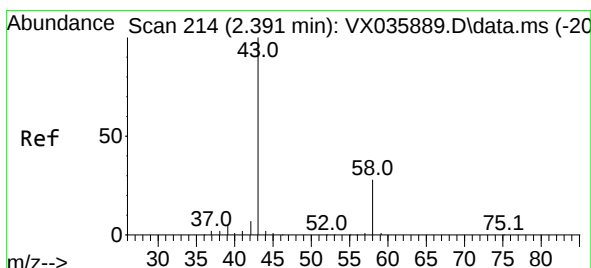
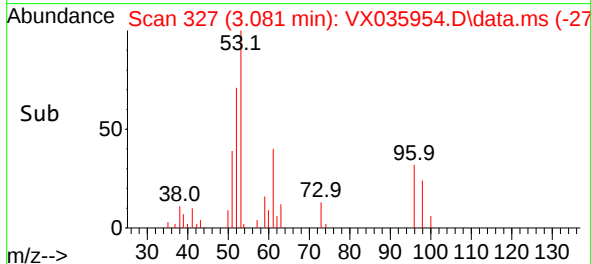
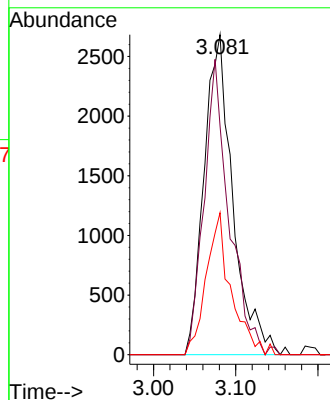
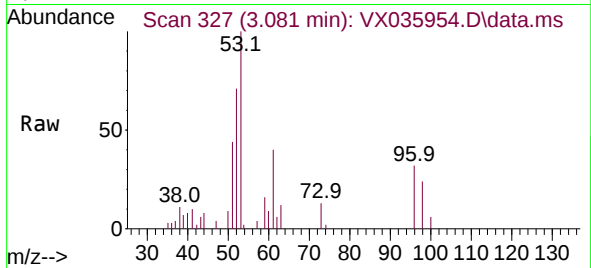
Tgt Ion: 53	Resp: 651
Ion Ratio	Lower Upper
53 100	
52 80.0	67.0 100.4
51 38.5	29.8 44.8

Manual Integrations

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Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#16

Acetone

Concen: 6.049 ug/l

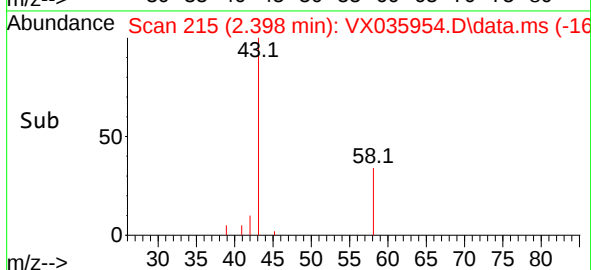
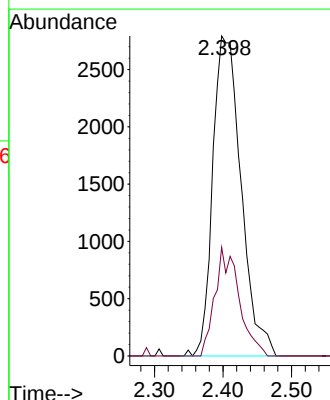
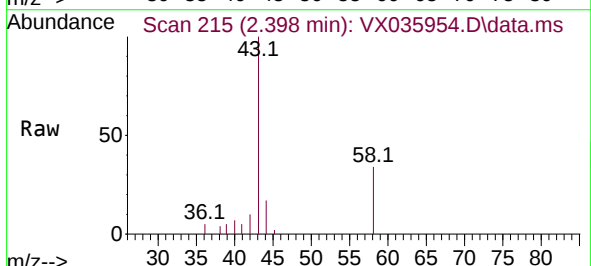
RT: 2.398 min Scan# 215

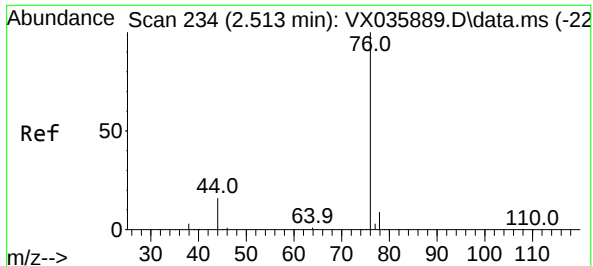
Delta R.T. 0.007 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Tgt Ion: 43	Resp: 8001
Ion Ratio	Lower Upper
43 100	
58 33.9	22.2 33.2





#17

Carbon Disulfide

Concen: 1.052 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 76 Resp: 522

Ion Ratio Lower Upper

76 100

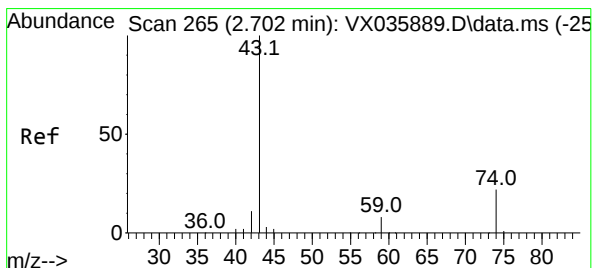
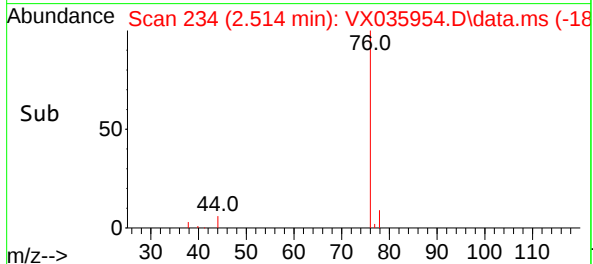
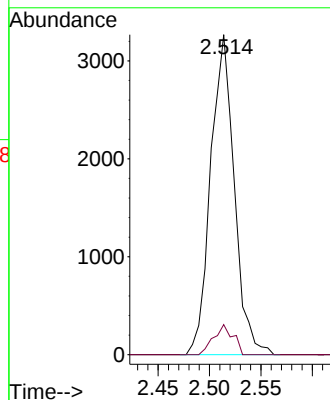
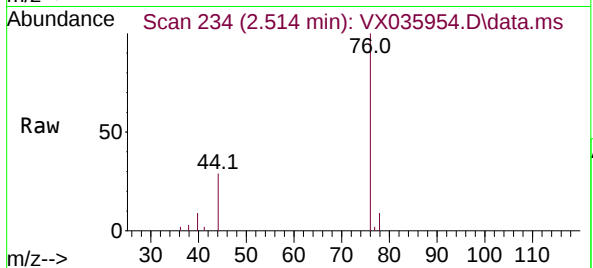
78 9.4 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#18

Methyl Acetate

Concen: 1.034 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.001 min

Lab File: VX035954.D

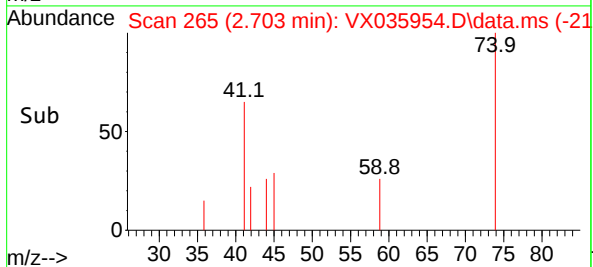
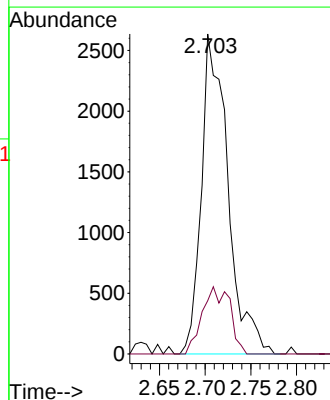
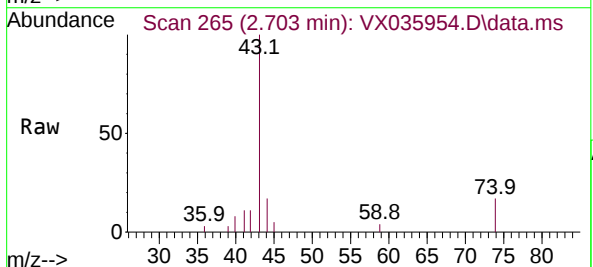
Acq: 01 Jun 2023 12:58

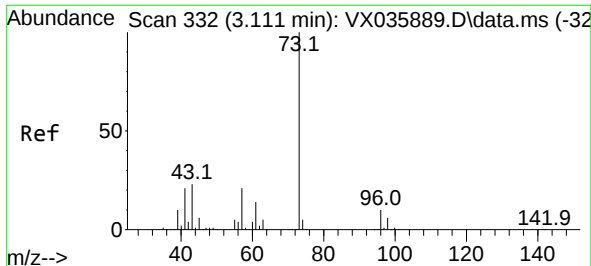
Tgt Ion: 43 Resp: 5319

Ion Ratio Lower Upper

43 100

74 22.0 17.7 26.5





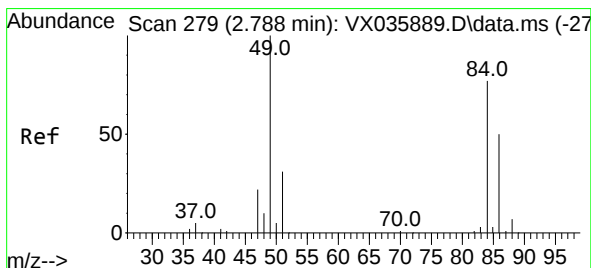
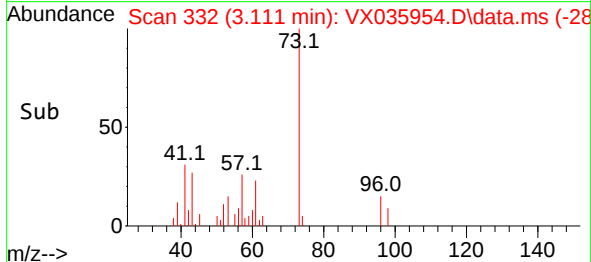
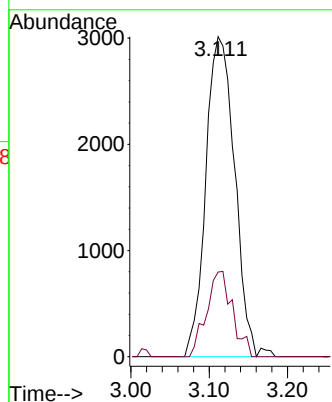
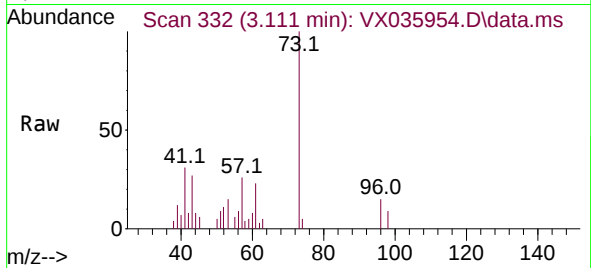
#19
Methyl tert-butyl Ether
Concen: 0.996 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion: 73 Resp: 7728
Ion Ratio Lower Upper
73 100
57 26.5 17.6 26.4

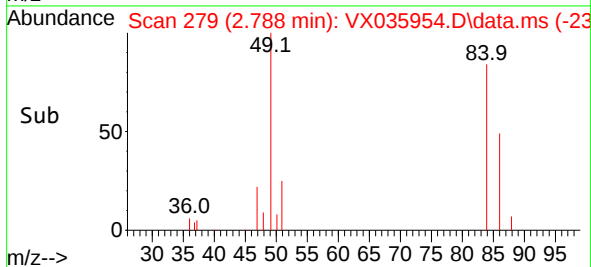
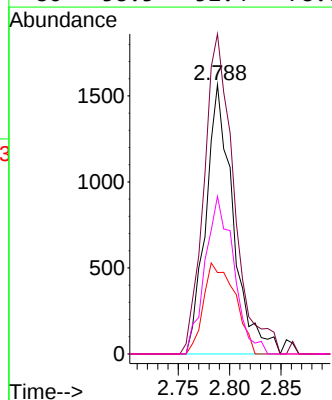
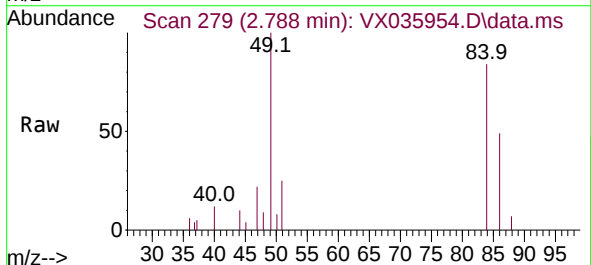
Manual Integrations
APPROVED

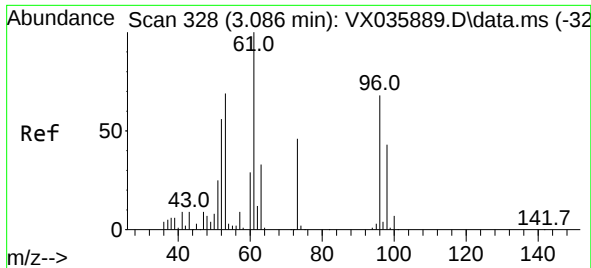
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#20
Methylene Chloride
Concen: 1.139 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

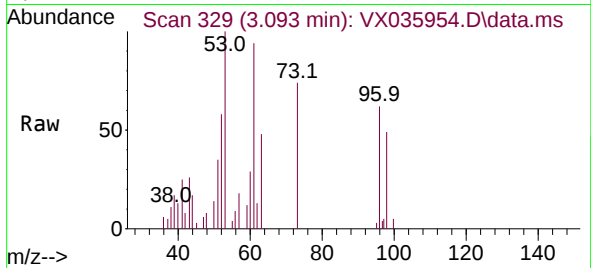
Tgt Ion: 84 Resp: 2901
Ion Ratio Lower Upper
84 100
49 118.8 104.6 156.8
51 30.2 32.2 48.4
86 58.5 52.4 78.6





#21
trans-1,2-Dichloroethene
Concen: 0.979 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

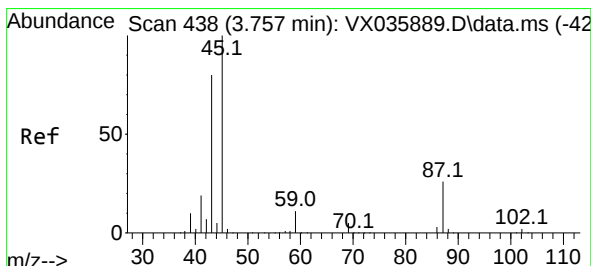
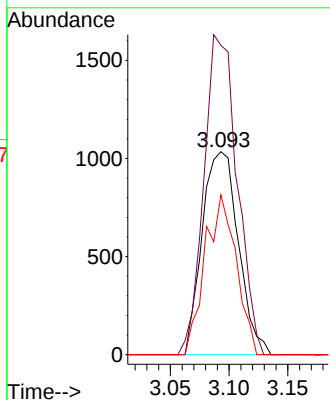
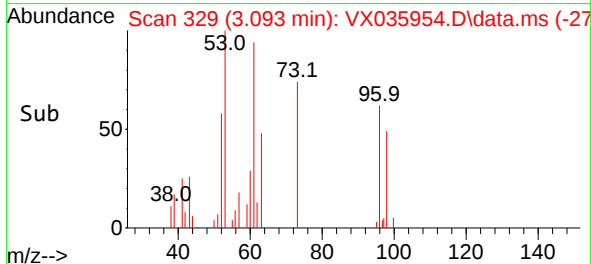
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 96 Resp: 221
Ion Ratio Lower Upper
96 100
61 152.3 118.2 177.4
98 78.7 50.6 75.8

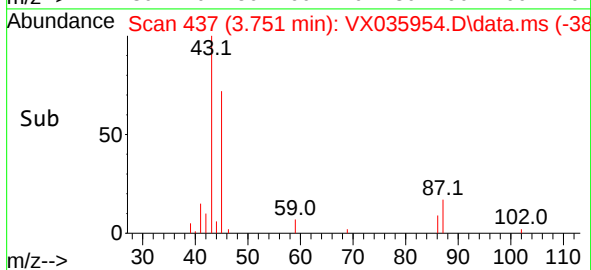
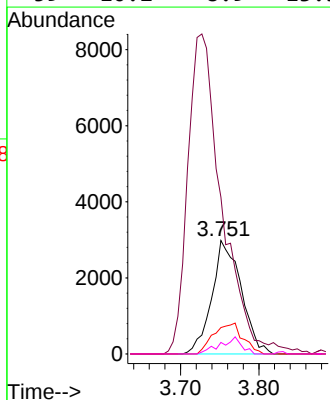
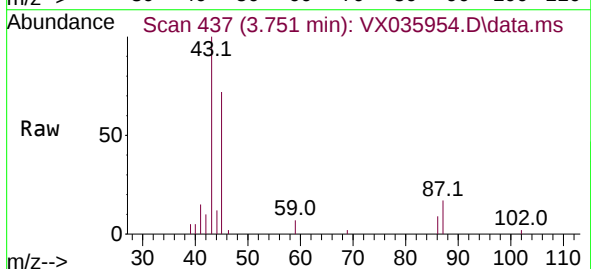
Manual Integrations
APPROVED

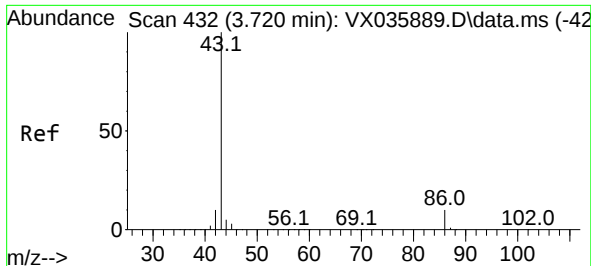
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#22
Diisopropyl ether
Concen: 0.981 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

Tgt Ion: 45 Resp: 7770
Ion Ratio Lower Upper
45 100
43 131.4 63.8 95.6#
87 23.2 20.6 31.0
59 10.2 8.9 13.3





#23

Vinyl Acetate

Concen: 4.571 ug/l

RT: 3.727 min Scan# 41

Delta R.T. 0.007 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 43 Resp: 2543

Ion Ratio Lower Upper

43 100

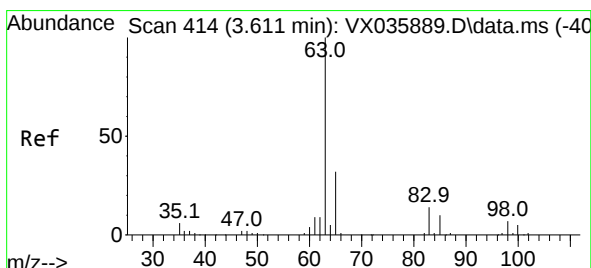
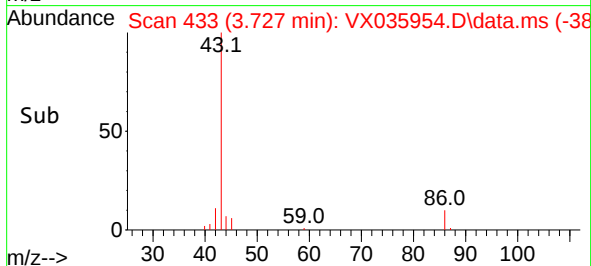
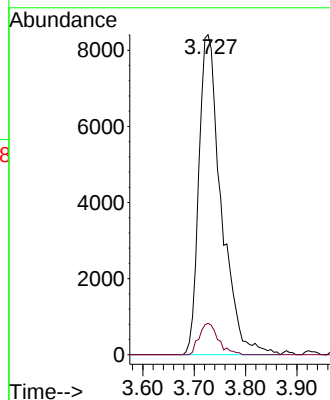
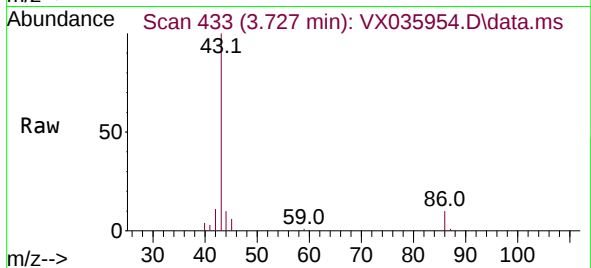
86 9.8 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#24

1,1-Dichloroethane

Concen: 1.009 ug/l

RT: 3.617 min Scan# 415

Delta R.T. 0.006 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

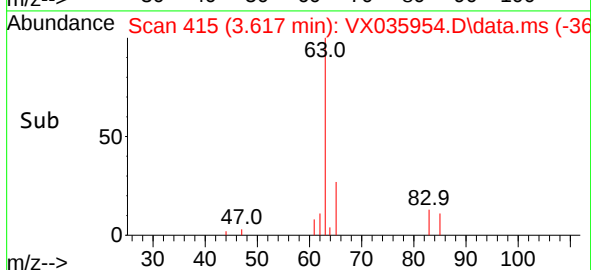
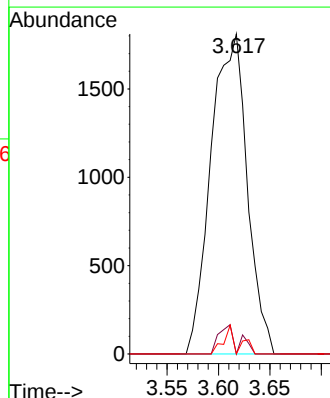
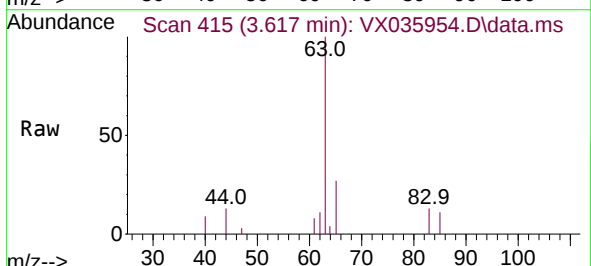
Tgt Ion: 63 Resp: 4431

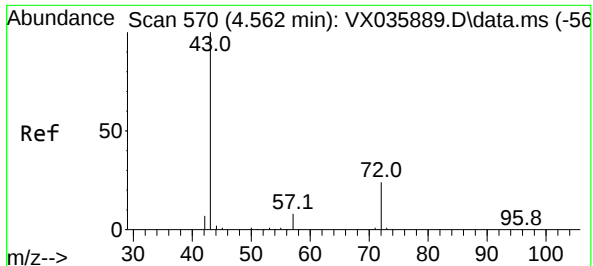
Ion Ratio Lower Upper

63 100

98 0.0 3.5 10.5#

100 0.0 2.3 6.9#





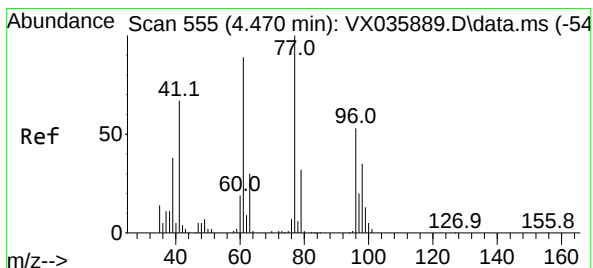
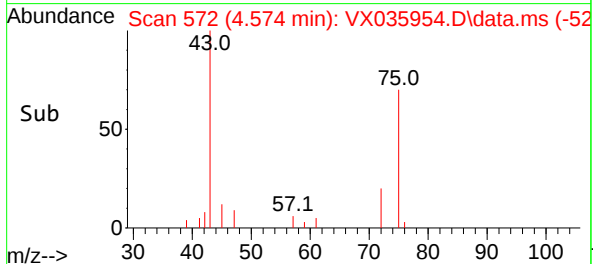
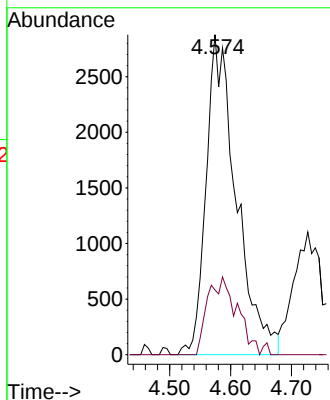
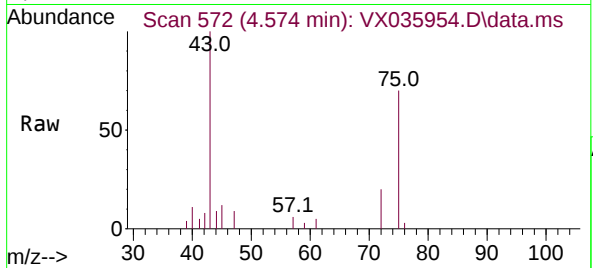
#25
2-Butanone
Concen: 5.225 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion: 43 Resp: 989
Ion Ratio Lower Upper
43 100
72 20.2 19.4 29.2

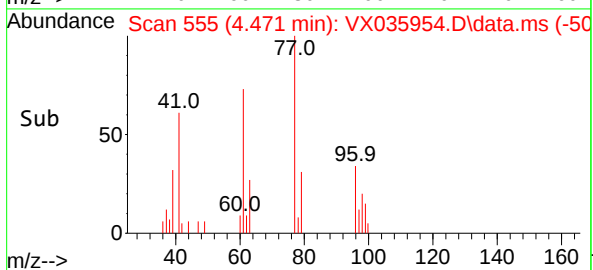
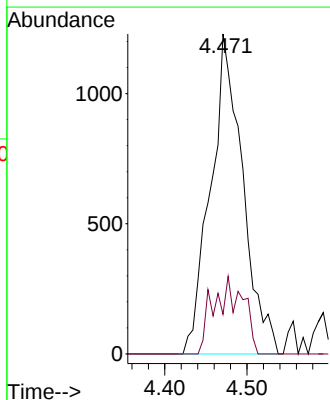
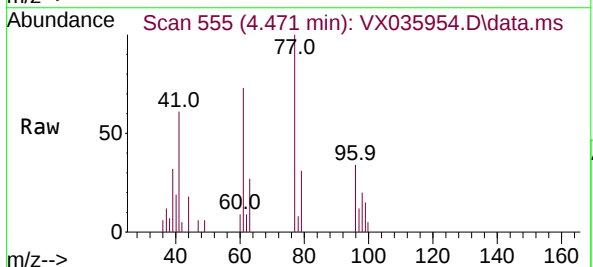
Manual Integrations
APPROVED

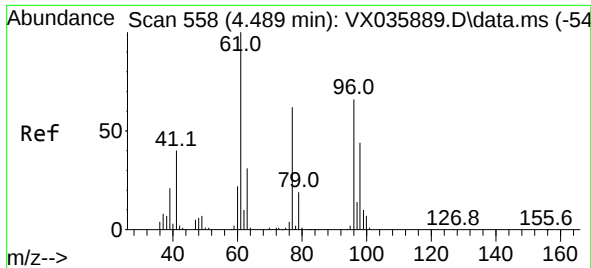
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#26
2,2-Dichloropropane
Concen: 0.996 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.001 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

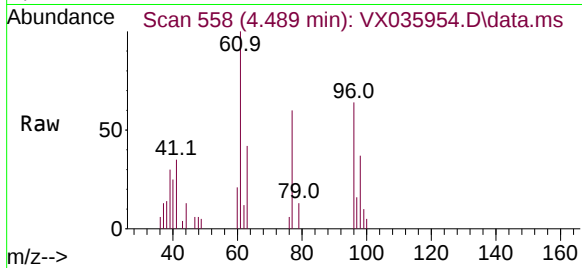
Tgt Ion: 77 Resp: 3336
Ion Ratio Lower Upper
77 100
97 14.1 10.5 31.6





#27
 cis-1,2-Dichloroethene
 Concen: 0.965 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX035954.D
 Acq: 01 Jun 2023 12:58

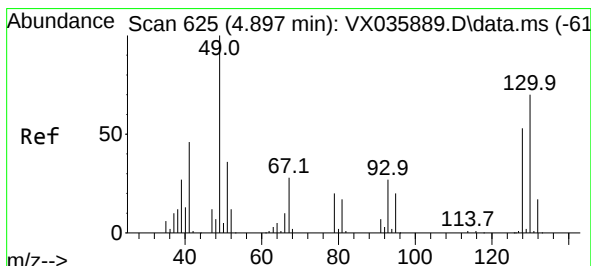
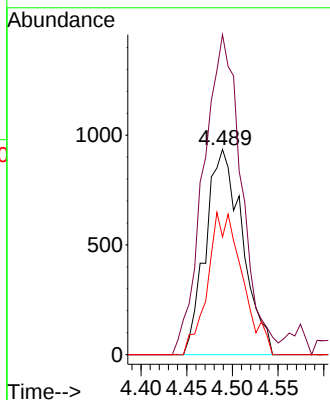
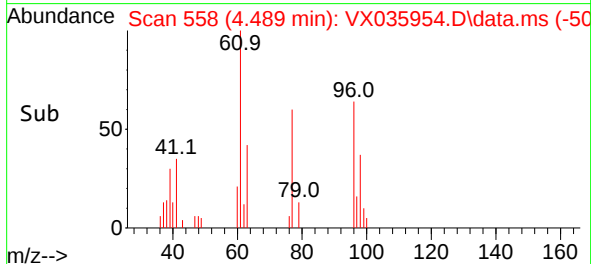
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2023



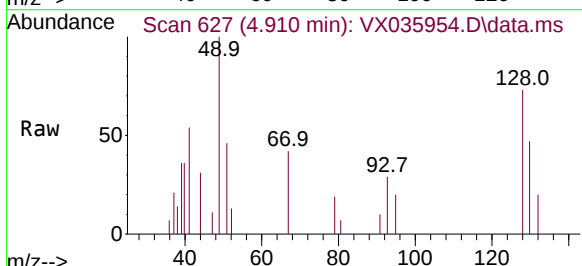
Tgt Ion: 96 Resp: 262
 Ion Ratio Lower Upper
 96 100
 61 161.6 0.0 312.6
 98 65.4 0.0 130.0

Manual Integrations
 APPROVED

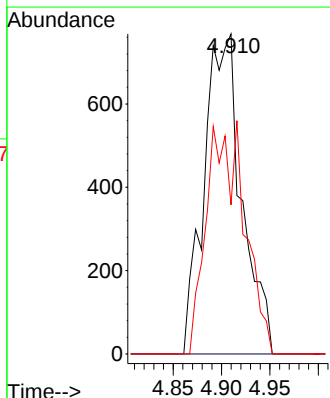
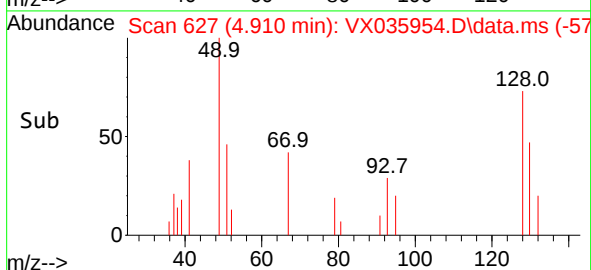
Reviewed By :John Carlone 06/02/2023
 Supervised By :Semsettin Yesilyurt 06/02/2023

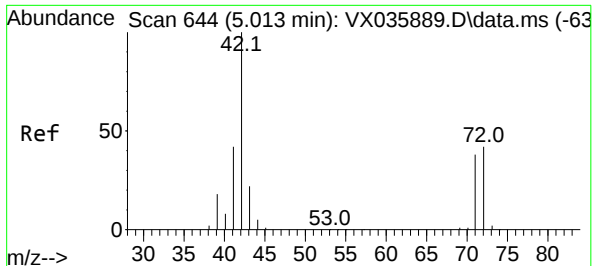


#28
 Bromochloromethane
 Concen: 0.904 ug/l
 RT: 4.910 min Scan# 627
 Delta R.T. 0.013 min
 Lab File: VX035954.D
 Acq: 01 Jun 2023 12:58



Tgt Ion: 49 Resp: 2079
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.6
 130 72.5 55.8 83.8





#29

Tetrahydrofuran

Concen: 5.172 ug/l

RT: 5.032 min Scan# 644

Delta R.T. 0.019 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

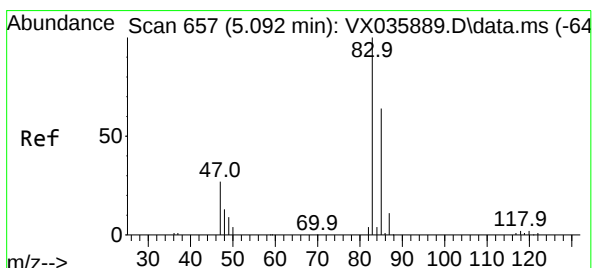
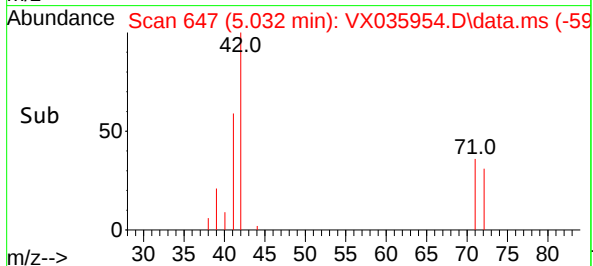
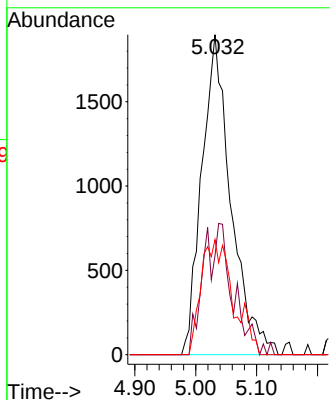
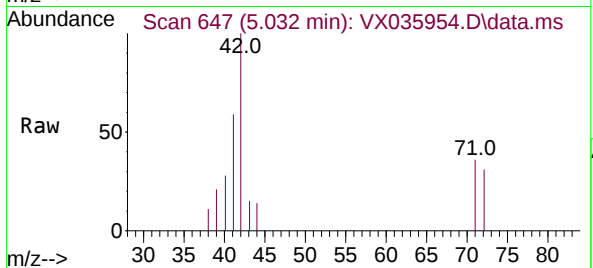
Tgt Ion: 42	Resp: 6309
Ion Ratio	Lower Upper
42 100	
72 25.7	34.2 51.2
71 0.0	31.8 47.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#30

Chloroform

Concen: 1.072 ug/l

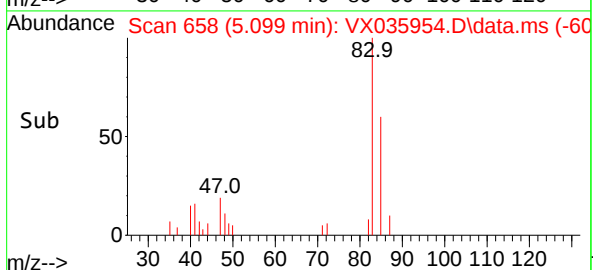
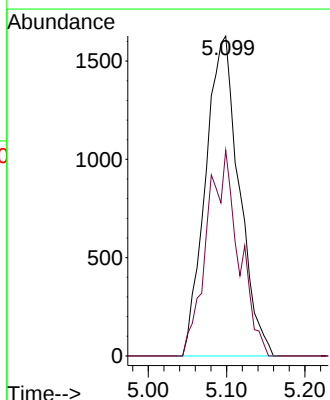
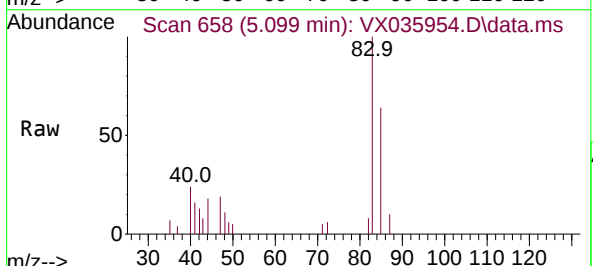
RT: 5.099 min Scan# 658

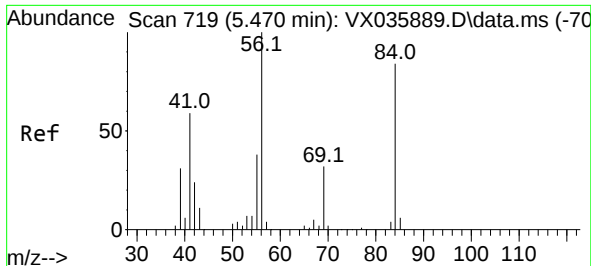
Delta R.T. 0.007 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

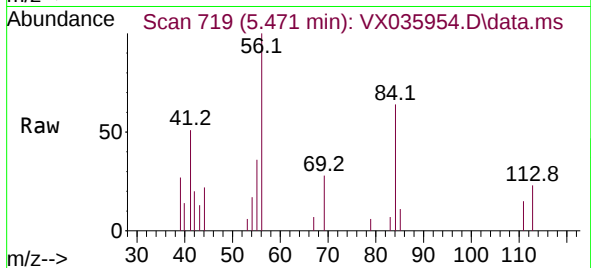
Tgt Ion: 83	Resp: 4850
Ion Ratio	Lower Upper
83 100	
85 64.3	51.0 76.4





#31
Cyclohexane
Concen: 1.111 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

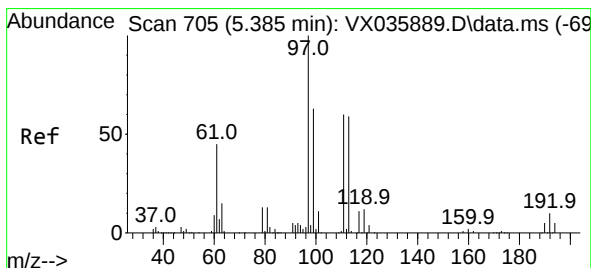
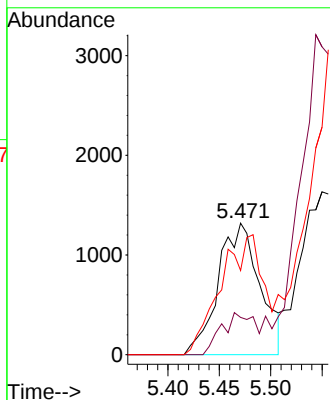
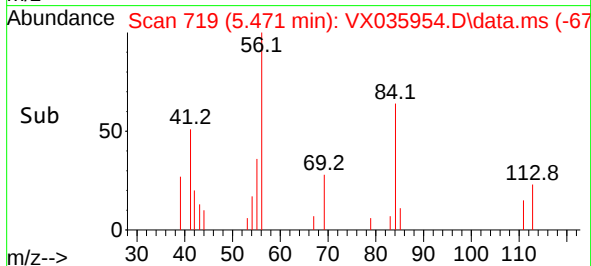
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



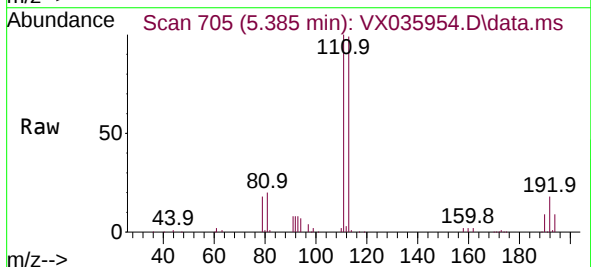
Tgt Ion: 56 Resp: 3730
Ion Ratio Lower Upper
56 100
69 28.4 25.9 38.9
84 64.0 67.6 101.4

Manual Integrations
APPROVED

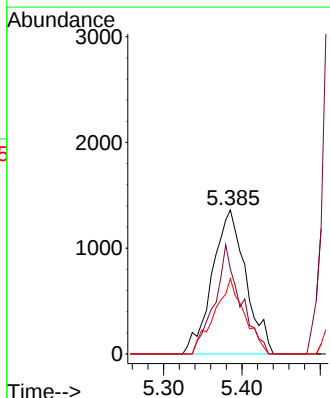
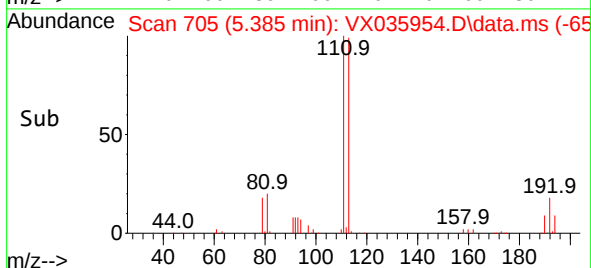
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

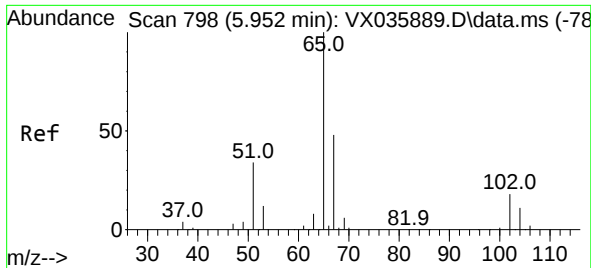


#32
1,1,1-Trichloroethane
Concen: 1.060 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58



Tgt Ion: 97 Resp: 4053
Ion Ratio Lower Upper
97 100
99 0.0 51.2 76.8#
61 46.8 36.9 55.3





#33

1,2-Dichloroethane-d4

Concen: 47.462 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 65 Resp: 15216

Ion Ratio Lower Upper

65 100

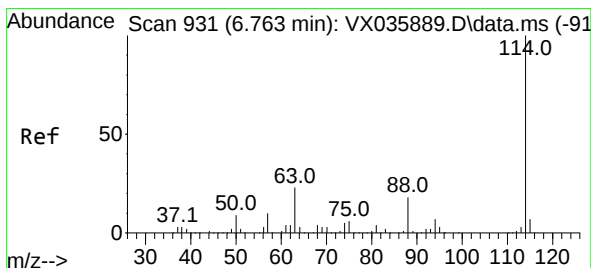
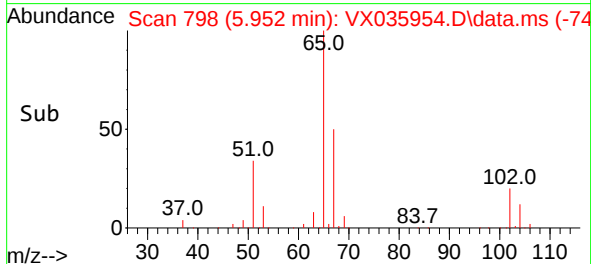
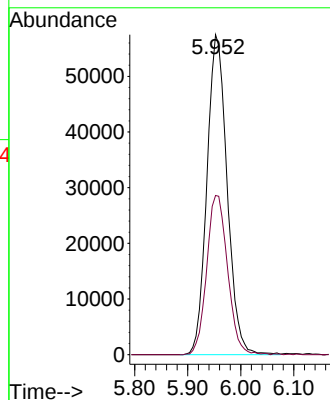
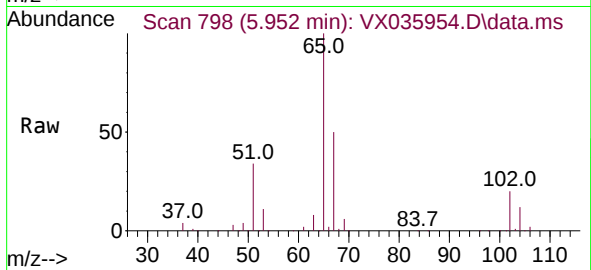
67 51.4 0.0 99.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

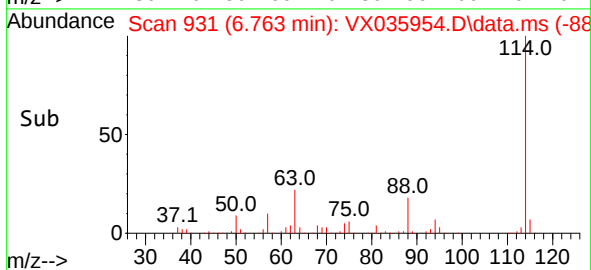
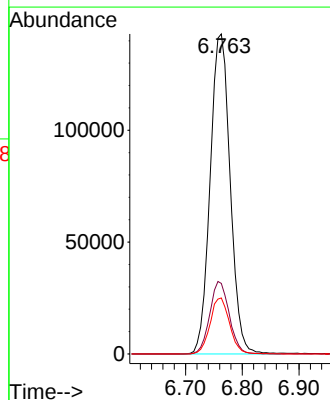
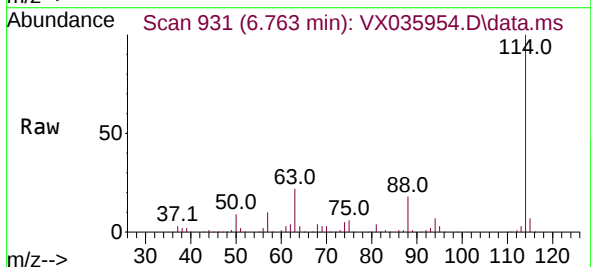
Tgt Ion:114 Resp: 350084

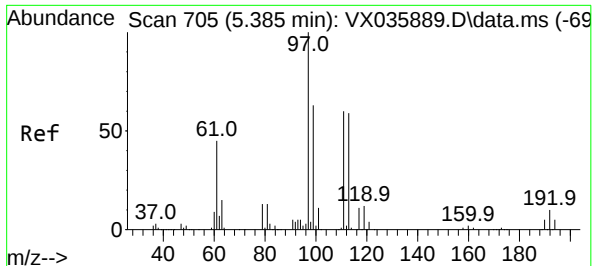
Ion Ratio Lower Upper

114 100

63 22.1 0.0 46.0

88 17.5 0.0 35.2





#35

Dibromofluoromethane

Concen: 47.106 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035954.D

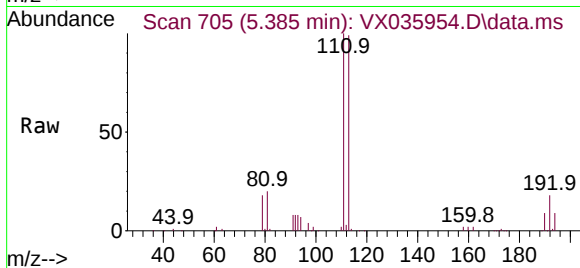
Acq: 01 Jun 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023



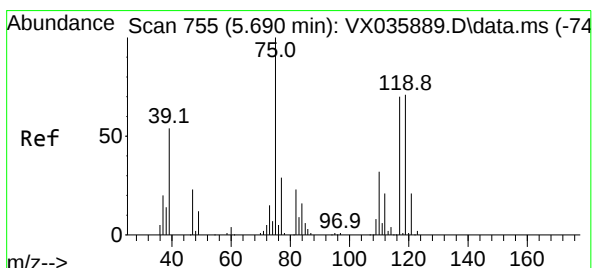
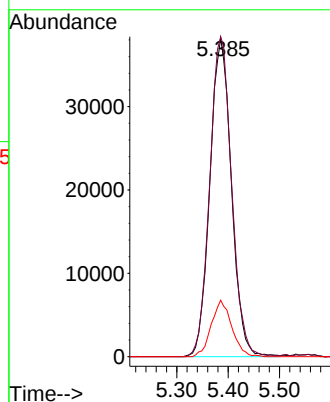
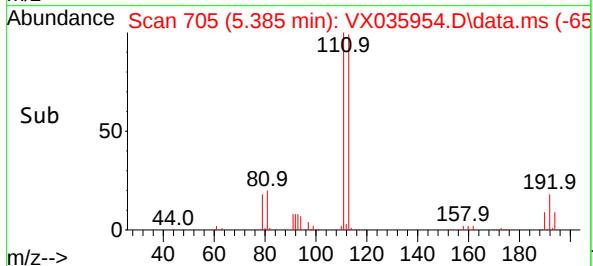
Tgt Ion:	113	Resp:	11091
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.7	122.5
192	16.9	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#36

1,1-Dichloropropene

Concen: 1.156 ug/l

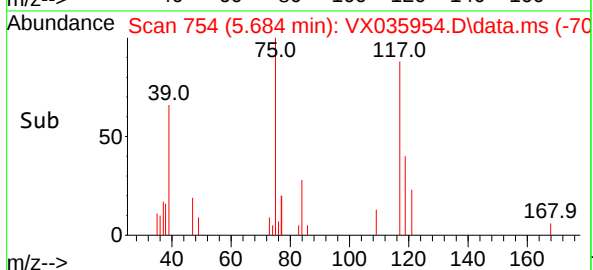
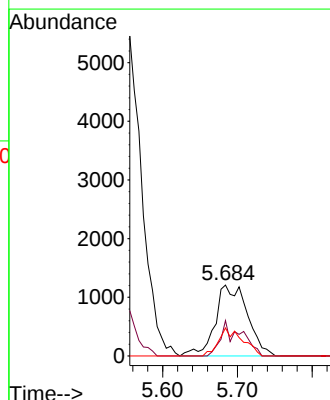
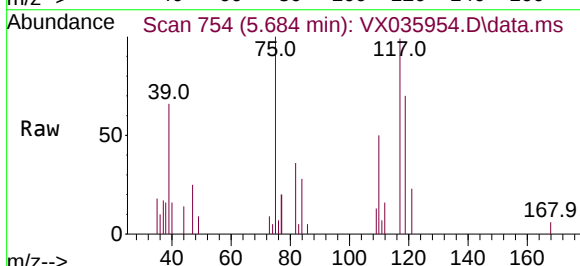
RT: 5.684 min Scan# 754

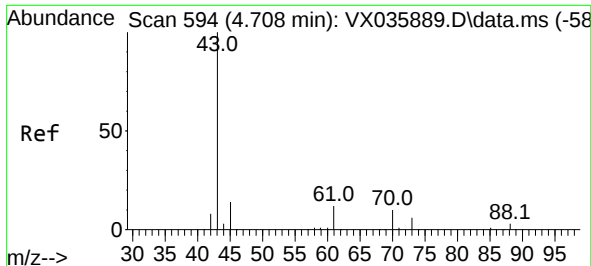
Delta R.T. -0.006 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Tgt Ion:	75	Resp:	3628
Ion	Ratio	Lower	Upper
75	100		
110	21.7	16.6	49.7
77	29.2	24.4	36.6





#37

Ethyl Acetate

Concen: 1.054 ug/l

RT: 4.727 min Scan# 594

Delta R.T. 0.019 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

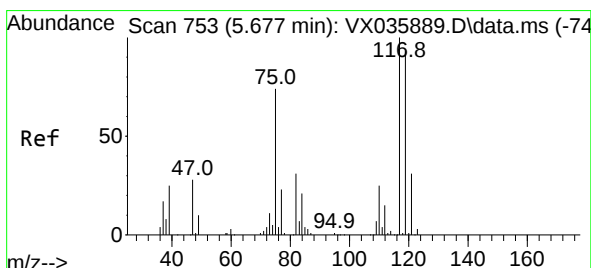
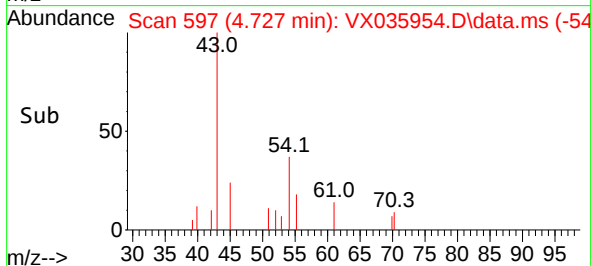
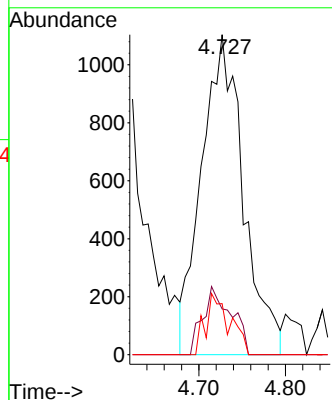
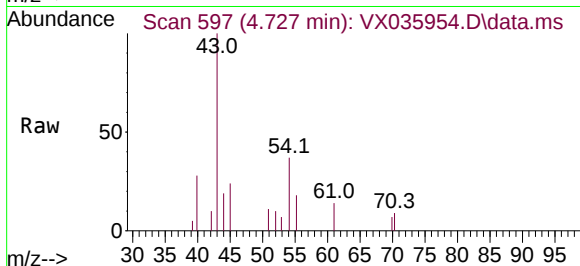
LOQ-WATER-02-QT2-2023

Tgt Ion: 43	Resp: 368
Ion Ratio	Lower Upper
43 100	
61 14.6	10.3 15.5
70 11.1	8.3 12.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#38

Carbon Tetrachloride

Concen: 1.094 ug/l

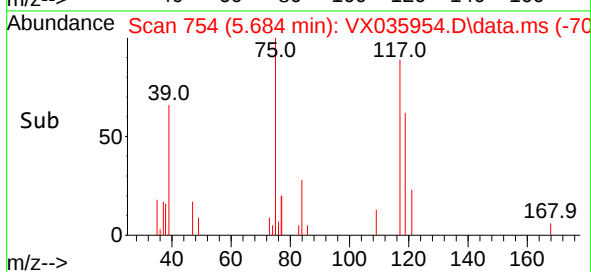
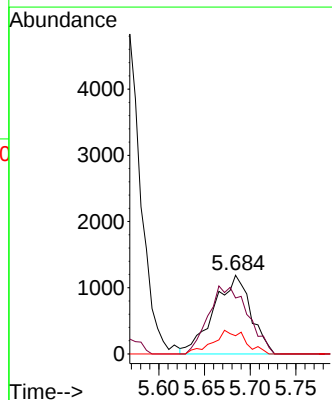
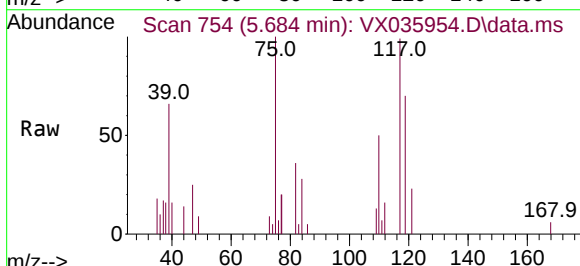
RT: 5.684 min Scan# 754

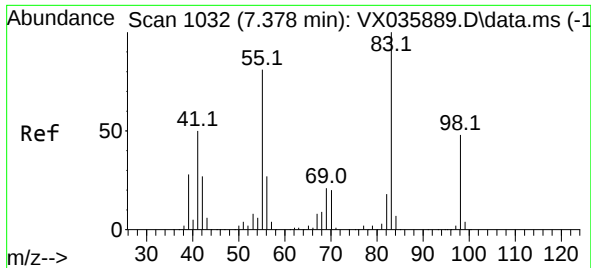
Delta R.T. 0.007 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Tgt Ion: 117	Resp: 3347
Ion Ratio	Lower Upper
117 100	
119 71.1	74.1 111.1#
121 23.1	25.0 37.4#





#39

Methylcyclohexane

Concen: 1.144 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 83 Resp: 3749

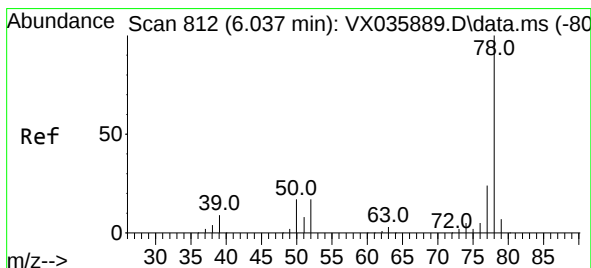
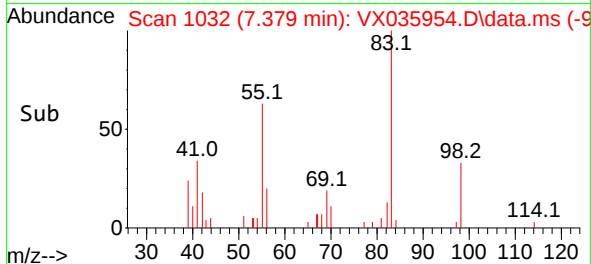
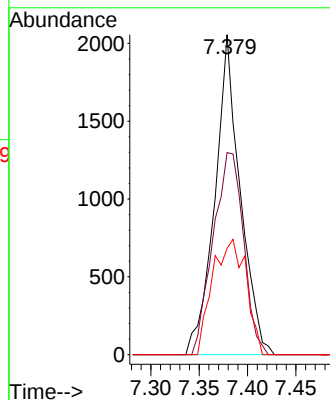
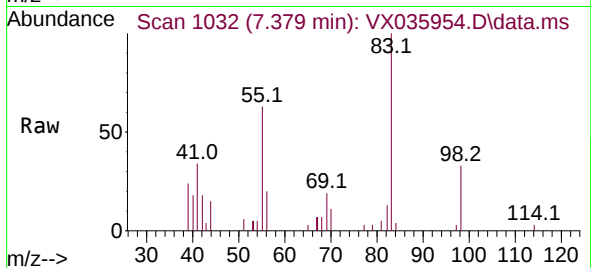
Ion	Ratio	Lower	Upper
83	100		
55	63.1	64.9	97.3
98	33.2	38.1	57.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#40

Benzene

Concen: 1.065 ug/l

RT: 6.038 min Scan# 812

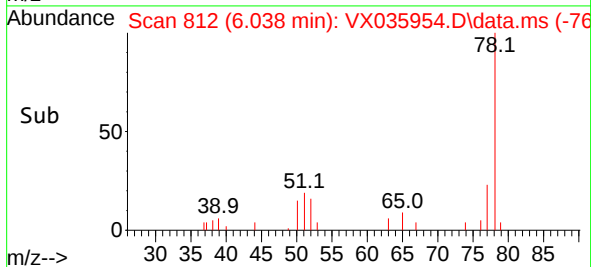
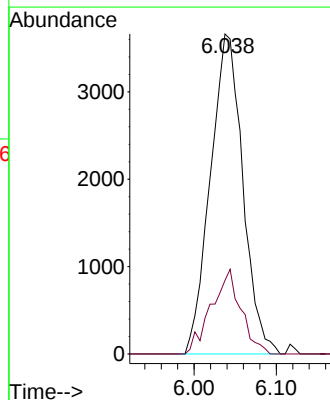
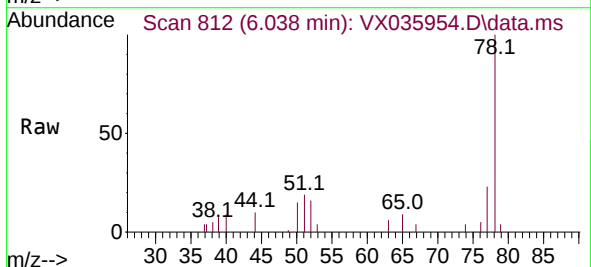
Delta R.T. 0.001 min

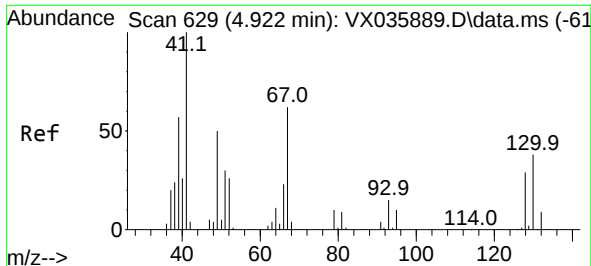
Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Tgt Ion: 78 Resp: 10032

Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.6





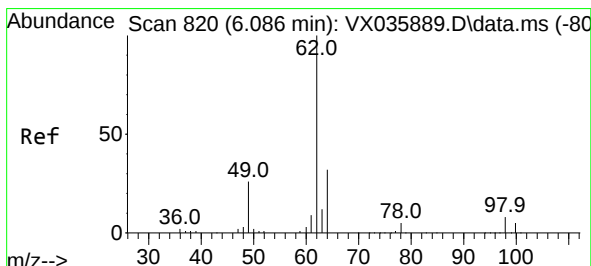
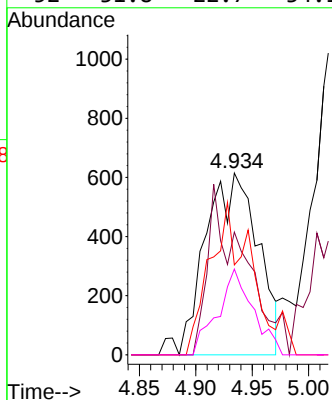
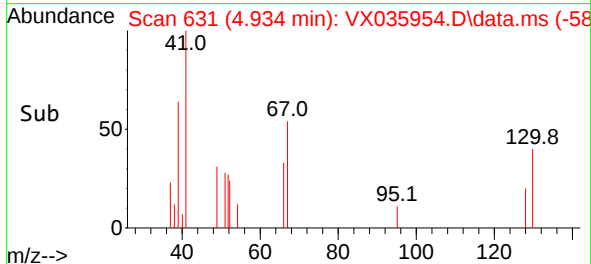
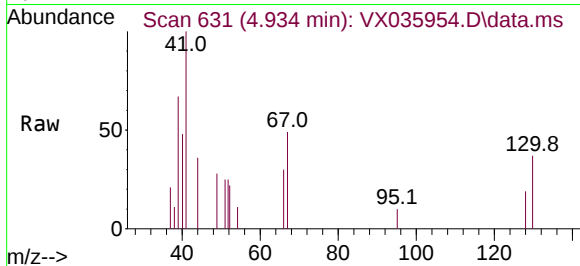
#41
Methacrylonitrile
Concen: 0.998 ug/l m
RT: 4.934 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

Instrument : MSVOA_X
Client Sample Id :
LOQ-WATER-02-QT2-2023

Tgt Ion: 41	Resp: 1979
Ion Ratio	Lower Upper
41 100	
39 30.9	45.6 68.4
67 67.8	51.8 77.6
52 31.8	22.7 34.1

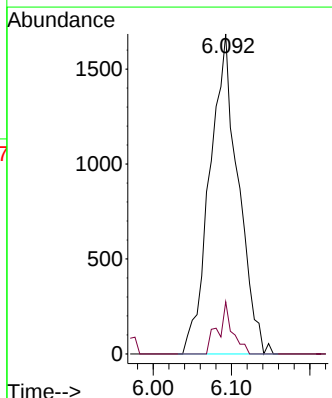
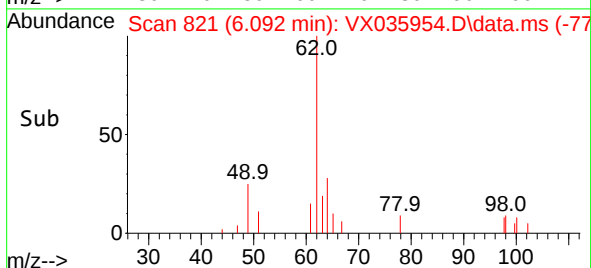
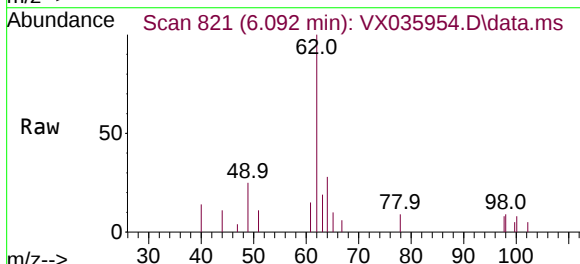
Manual Integrations
APPROVED

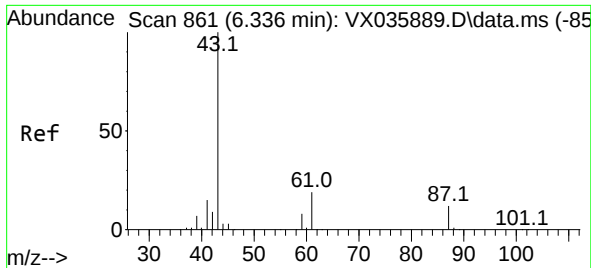
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#42
1,2-Dichloroethane
Concen: 1.141 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

Tgt Ion: 62	Resp: 4256
Ion Ratio	Lower Upper
62 100	
98 8.1	0.0 16.0





#43

Isopropyl Acetate

Concen: 0.955 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX035954.D

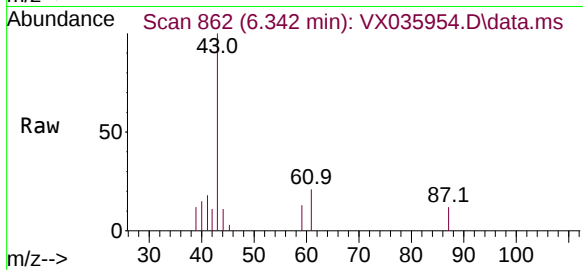
Acq: 01 Jun 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

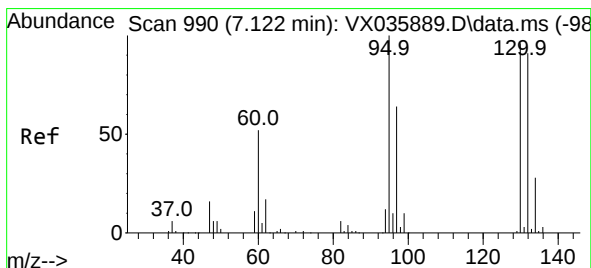
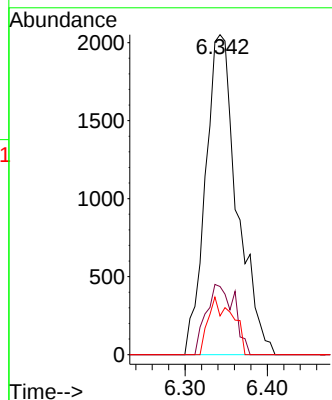
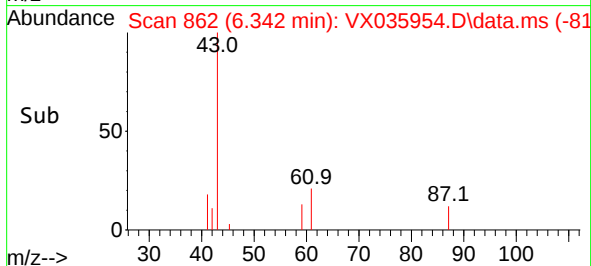


Tgt Ion: 43	Resp: 548
Ion Ratio	Lower Upper
43	100
61	19.5 15.0 22.4
87	13.7 9.9 14.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#44

Trichloroethene

Concen: 0.980 ug/l

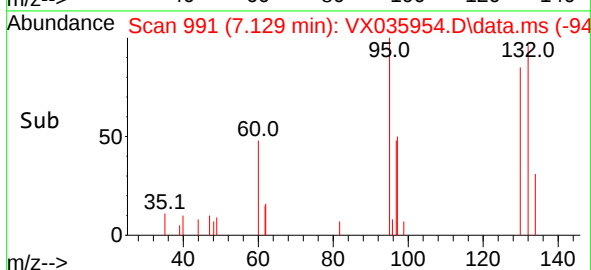
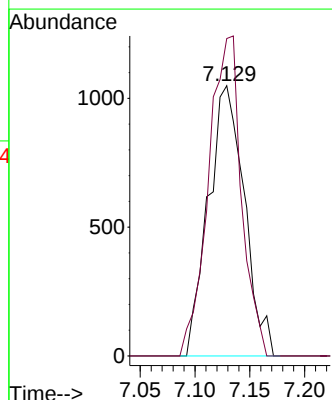
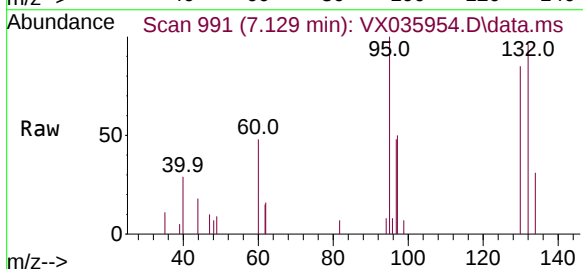
RT: 7.129 min Scan# 991

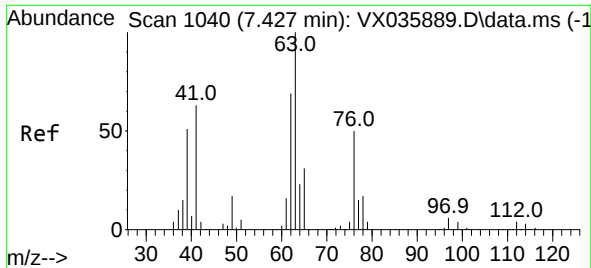
Delta R.T. 0.007 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

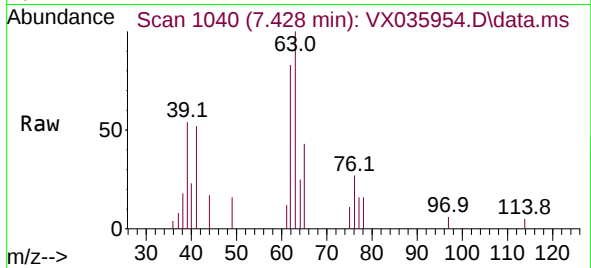
Tgt Ion:130	Resp: 2396
Ion Ratio	Lower Upper
130	100
95	117.4 0.0 207.6





#45
1,2-Dichloropropane
Concen: 1.008 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.001 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

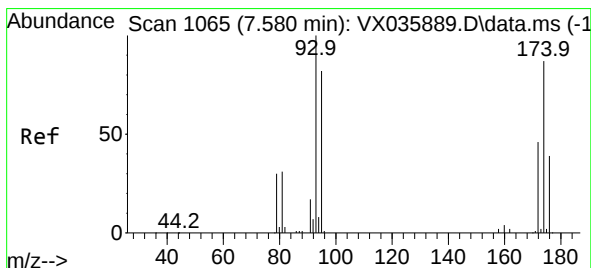
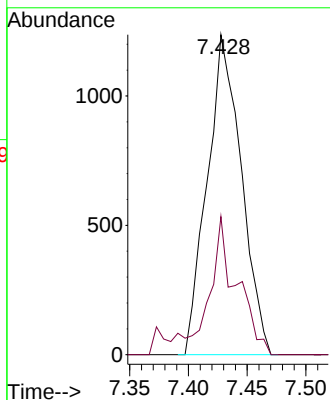
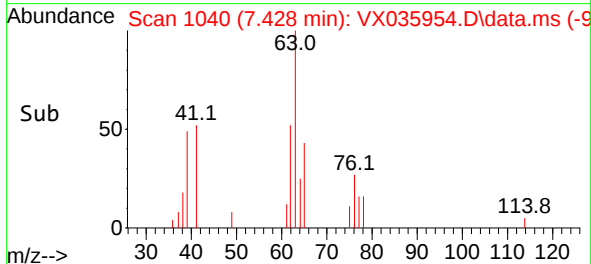
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023



Tgt Ion: 63 Resp: 249
Ion Ratio Lower Upper
63 100
65 43.2 24.8 37.2

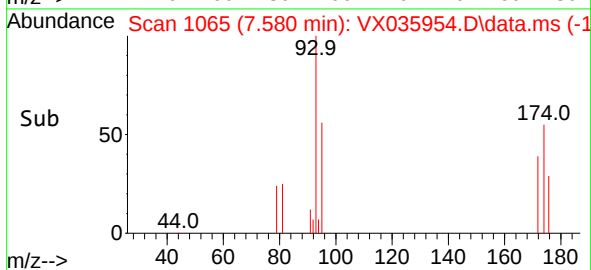
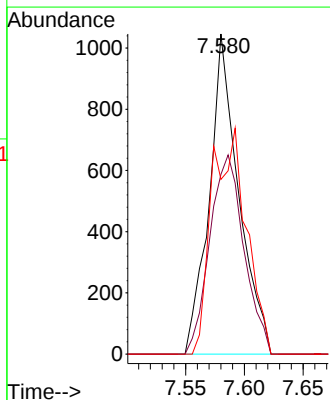
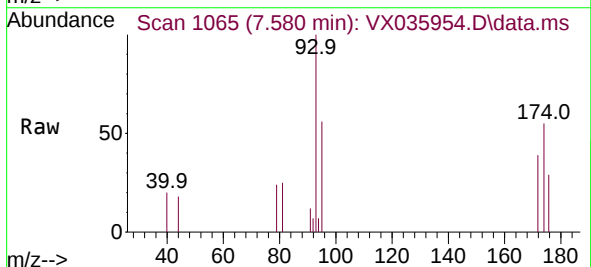
Manual Integrations
APPROVED

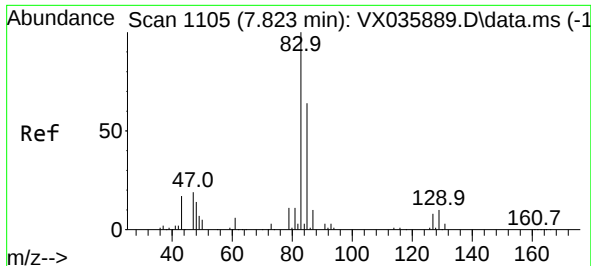
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#46
Dibromomethane
Concen: 1.055 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

Tgt Ion: 93 Resp: 1817
Ion Ratio Lower Upper
93 100
95 72.4 66.2 99.2
174 83.0 69.5 104.3





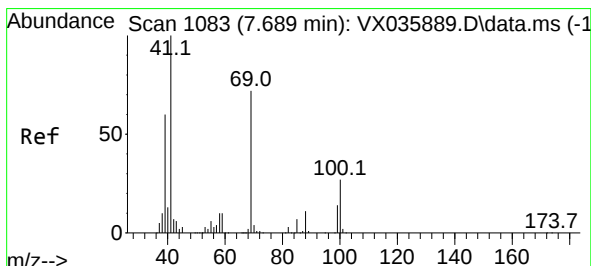
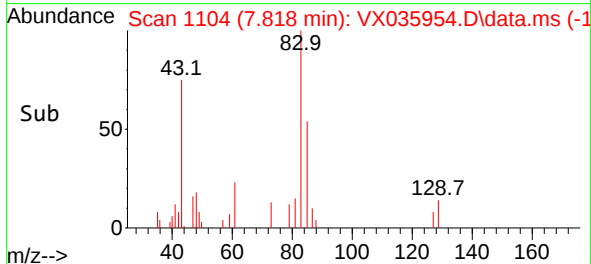
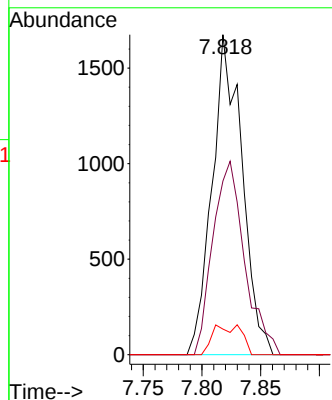
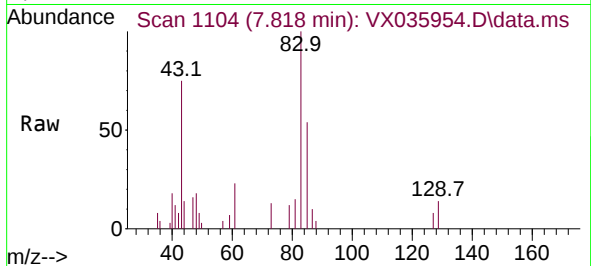
#47
Bromodichloromethane
Concen: 0.915 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.005 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023

Tgt Ion: 83 Resp: 296
Ion Ratio Lower Upper
83 100
85 54.3 51.3 76.9
127 8.0 6.6 10.0

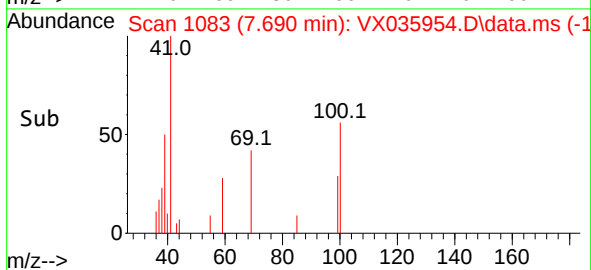
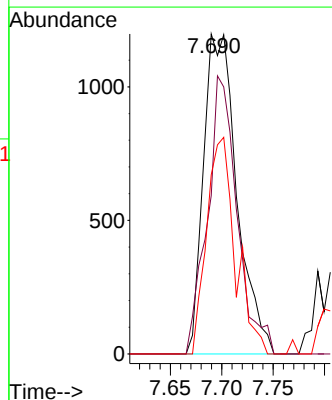
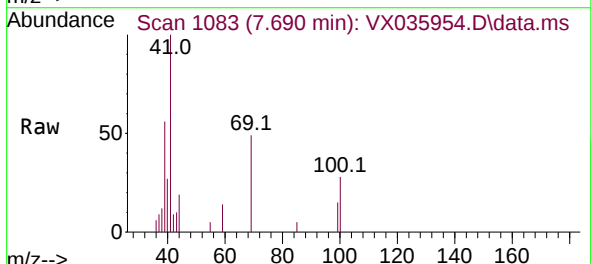
Manual Integrations
APPROVED

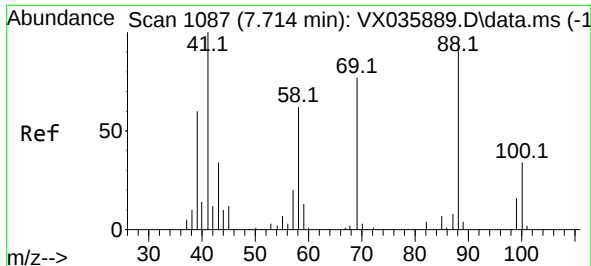
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#48
Methyl methacrylate
Concen: 0.960 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

Tgt Ion: 41 Resp: 2707
Ion Ratio Lower Upper
41 100
69 77.4 59.0 88.6
39 58.4 48.4 72.6





#49

1,4-Dioxane

Concen: 22.069 ug/l m

RT: 7.720 min Scan# 1087

Delta R.T. 0.006 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 88 Resp: 142

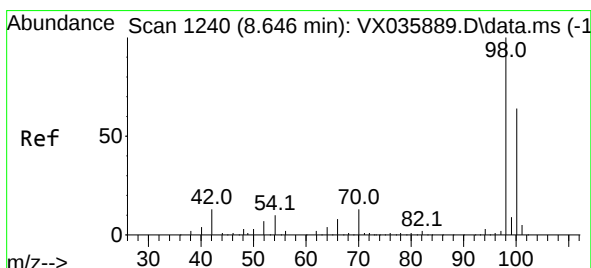
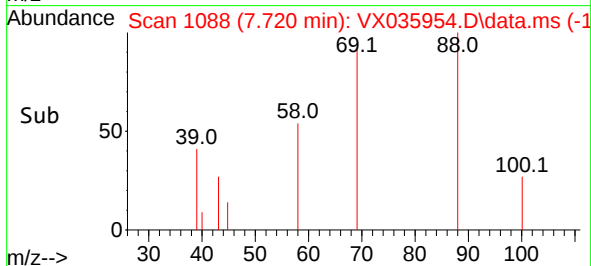
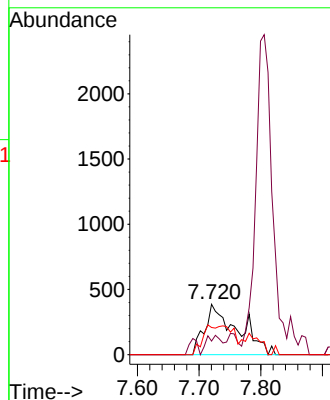
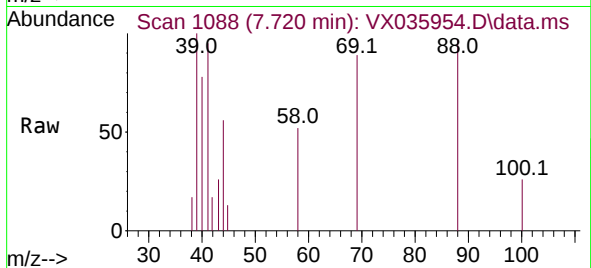
Ion	Ratio	Lower	Upper
88	100		
43	17.1	27.4	41.0
58	24.0	58.9	88.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#50

Toluene-d8

Concen: 48.278 ug/l

RT: 8.647 min Scan# 1240

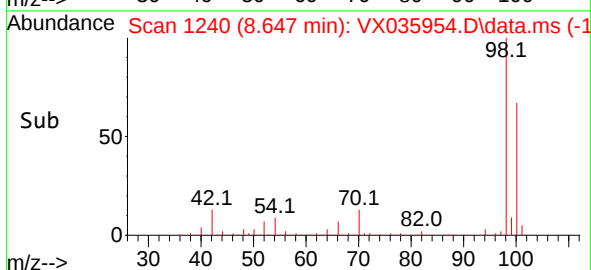
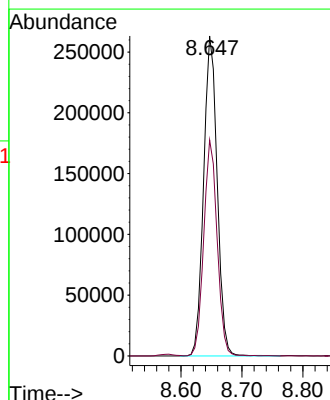
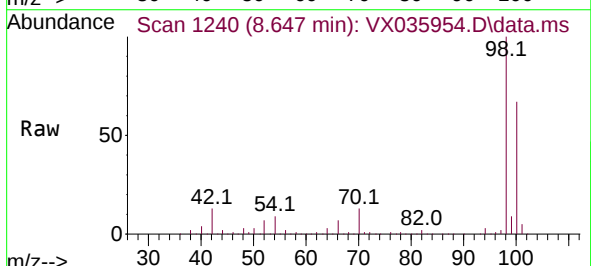
Delta R.T. 0.001 min

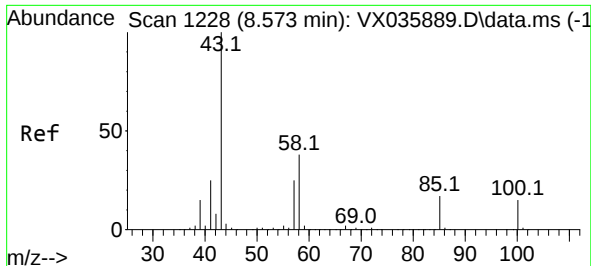
Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Tgt Ion: 98 Resp: 407980

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.4	80.0





#51

4-Methyl-2-Pentanone

Concen: 4.886 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.001 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 43 Resp: 1714

Ion Ratio Lower Upper

43 100

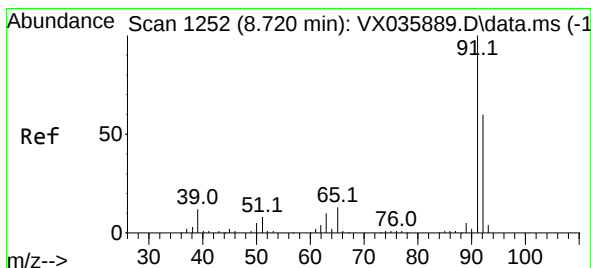
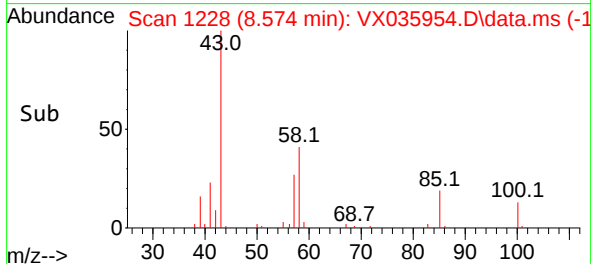
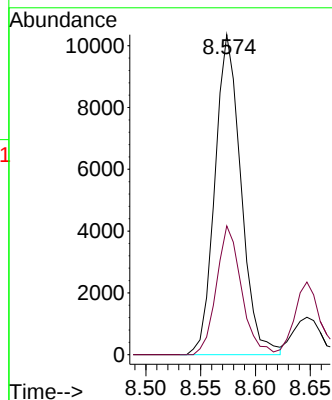
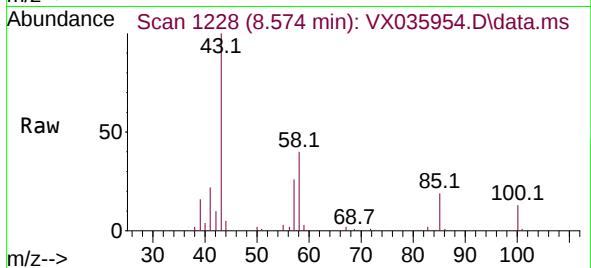
58 38.5 30.1 45.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#52

Toluene

Concen: 1.057 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX035954.D

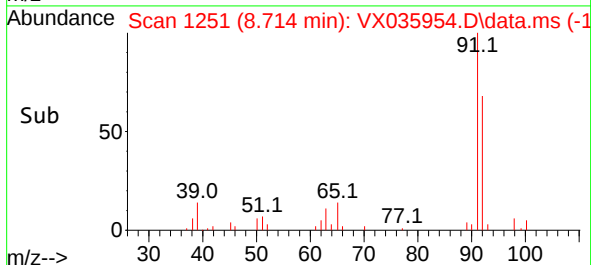
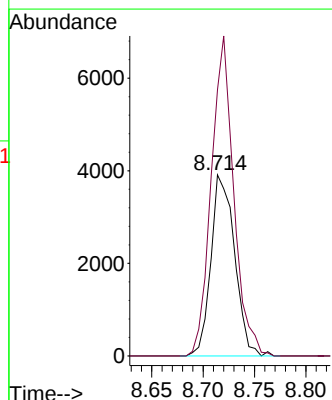
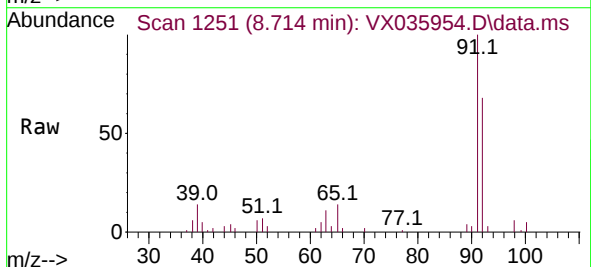
Acq: 01 Jun 2023 12:58

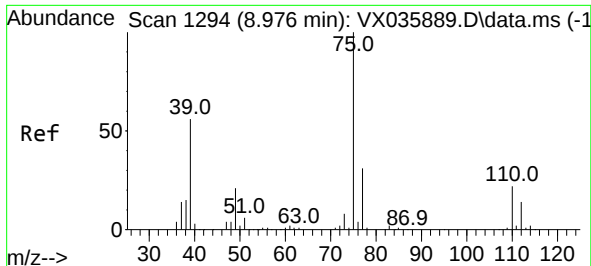
Tgt Ion: 92 Resp: 6263

Ion Ratio Lower Upper

92 100

91 167.9 133.5 200.3





#53

t-1,3-Dichloropropene

Concen: 0.781 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 75 Resp: 2670

Ion Ratio Lower Upper

75 100

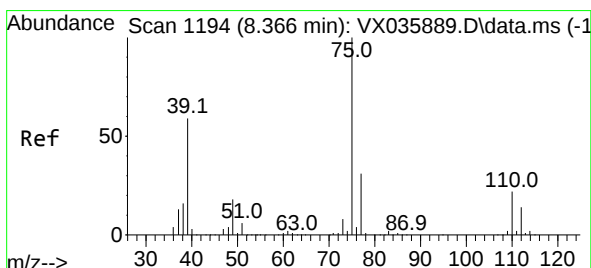
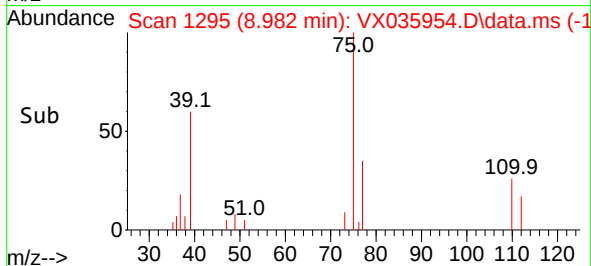
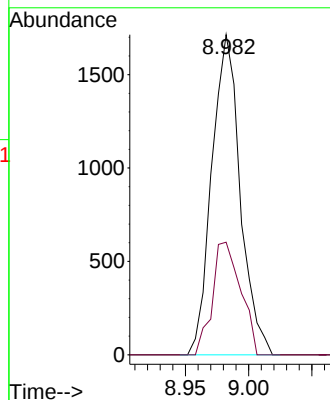
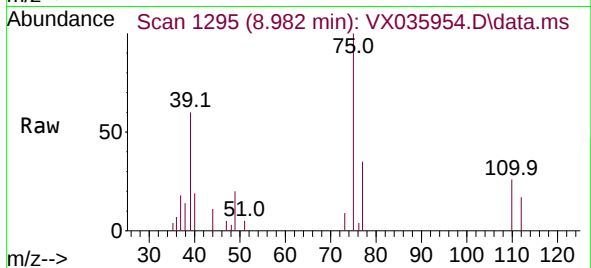
77 35.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#54

cis-1,3-Dichloropropene

Concen: 0.863 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

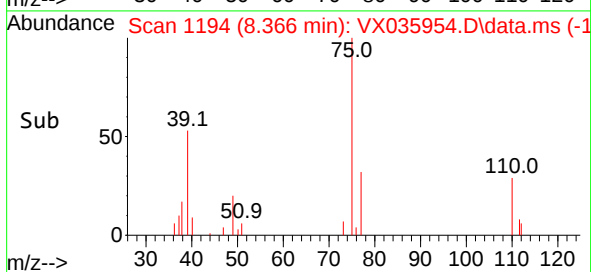
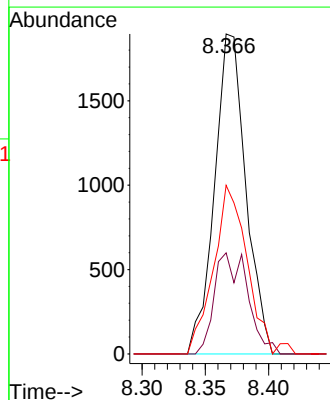
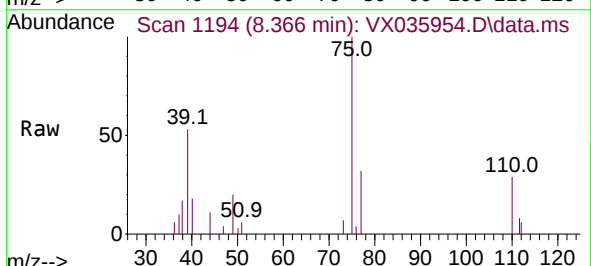
Tgt Ion: 75 Resp: 3264

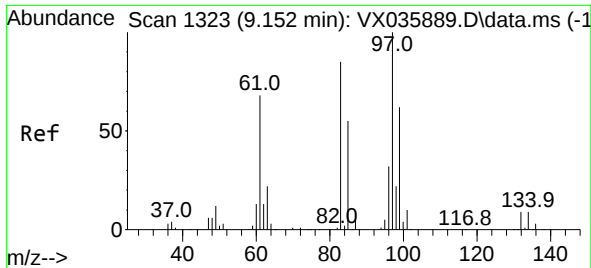
Ion Ratio Lower Upper

75 100

77 31.6 24.7 37.1

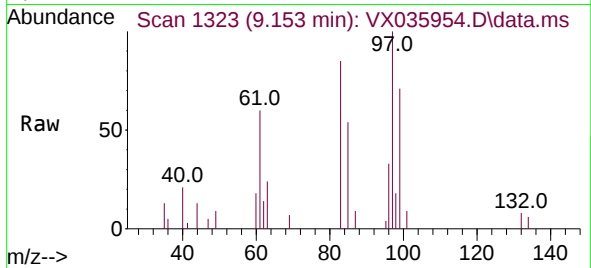
39 52.7 47.0 70.6





#55
1,1,2-Trichloroethane
Concen: 1.084 ug/l
RT: 9.153 min Scan# 1318
Delta R.T. 0.001 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

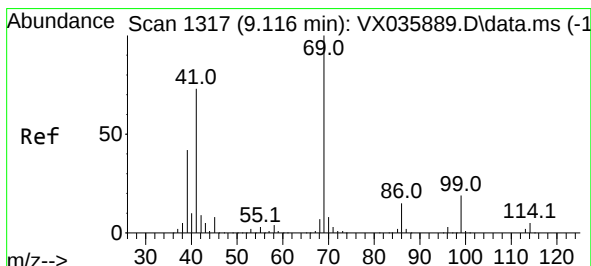
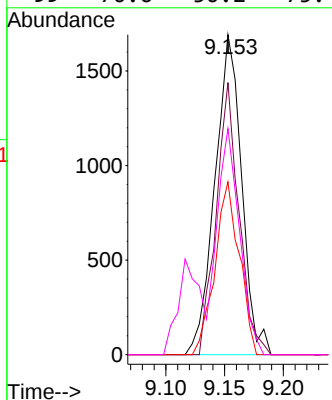
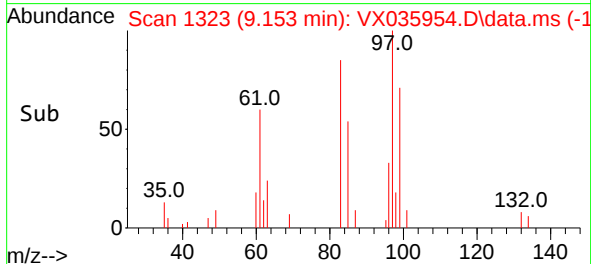
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023



Tgt Ion:	97	Resp:	2670
Ion	Ratio	Lower	Upper
97	100		
83	85.0	68.3	102.5
85	54.0	44.2	66.2
99	70.6	50.2	75.4

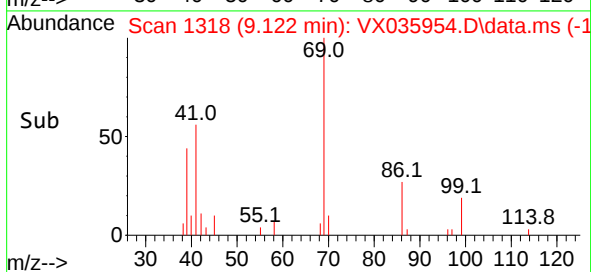
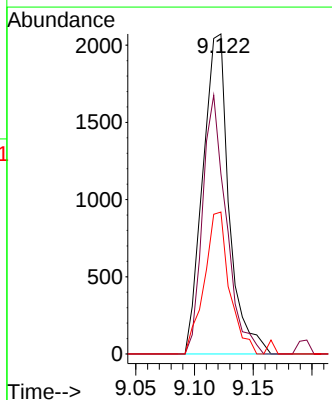
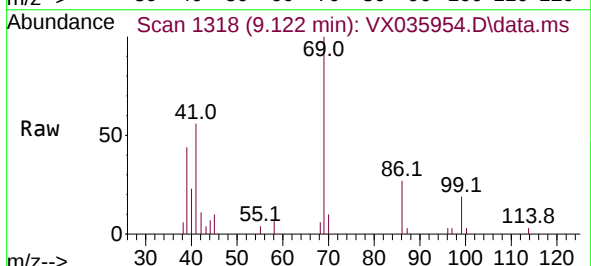
Manual Integrations
APPROVED

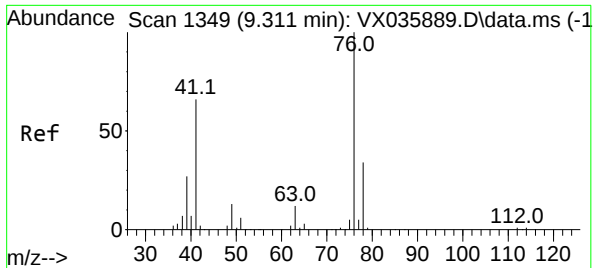
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#56
Ethyl methacrylate
Concen: 0.872 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

Tgt Ion:	69	Resp:	3217
Ion	Ratio	Lower	Upper
69	100		
41	73.0	58.9	88.3
39	42.6	33.4	50.0





#57

1,3-Dichloropropane

Concen: 1.013 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Instrument :

MSVOA_X

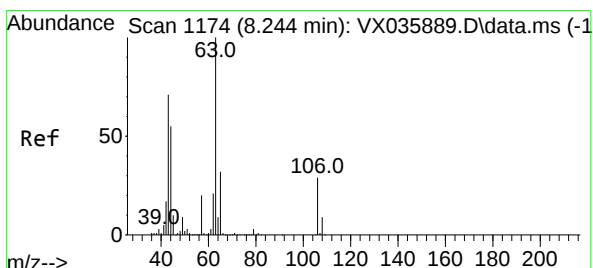
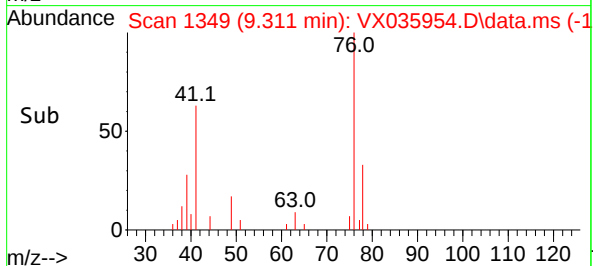
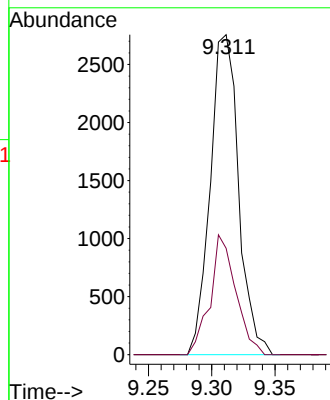
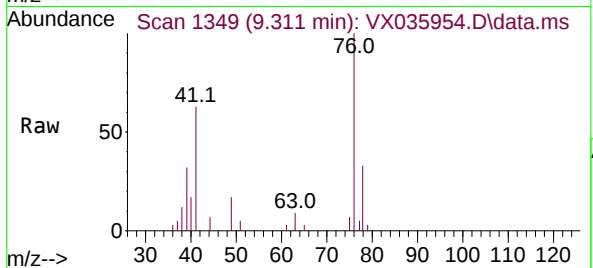
ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 76 Resp: 4304
 Ion Ratio Lower Upper
 76 100
 78 33.9 26.0 39.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/02/2023
 Supervised By :Semsettin Yesilyurt 06/02/2023



#58

2-Chloroethyl Vinyl ether

Concen: 4.622 ug/l

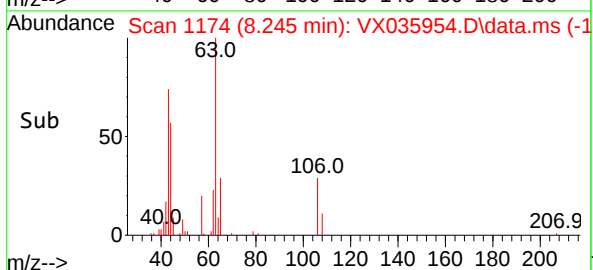
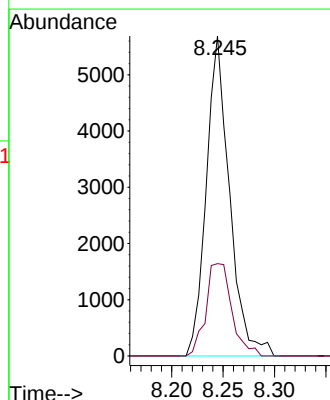
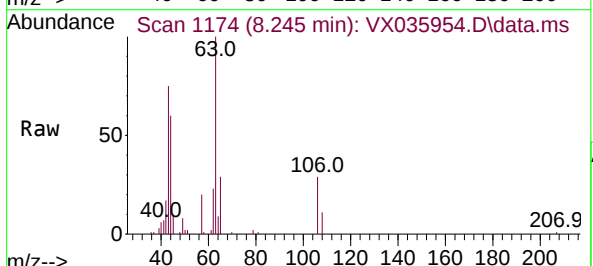
RT: 8.245 min Scan# 1174

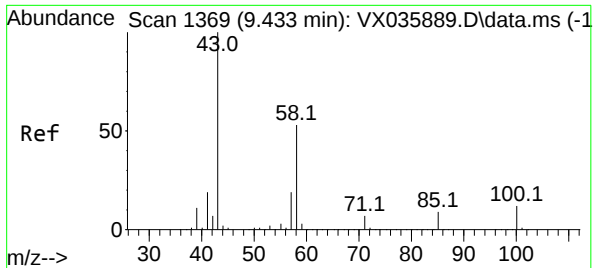
Delta R.T. 0.001 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Tgt Ion: 63 Resp: 8936
 Ion Ratio Lower Upper
 63 100
 106 32.3 22.3 33.5





#59

2-Hexanone

Concen: 5.063 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 43 Resp: 1313

Ion Ratio Lower Upper

43 100

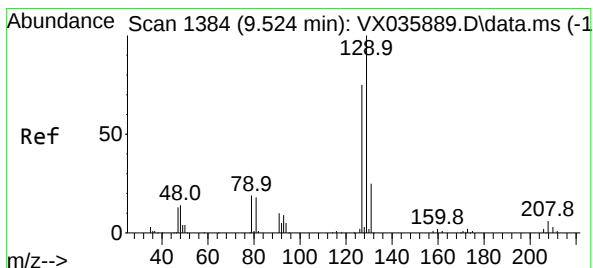
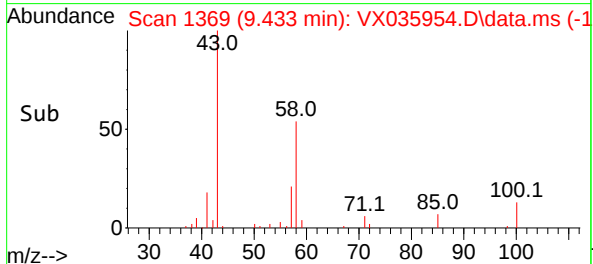
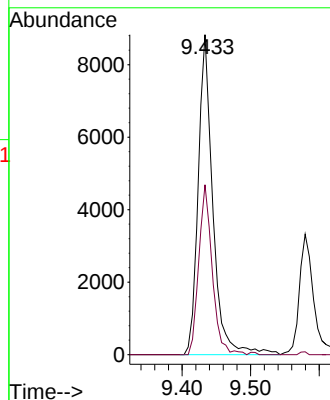
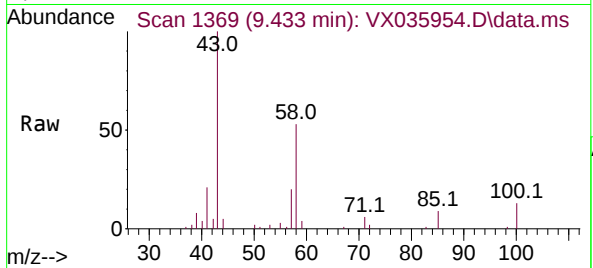
58 48.8 26.3 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#60

Dibromochloromethane

Concen: 0.862 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.005 min

Lab File: VX035954.D

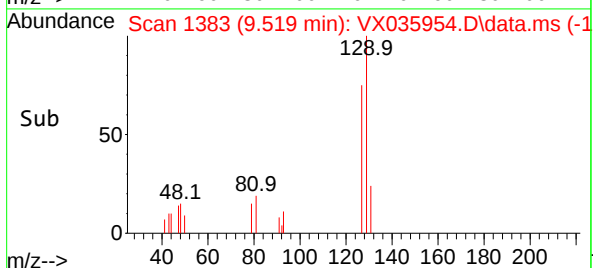
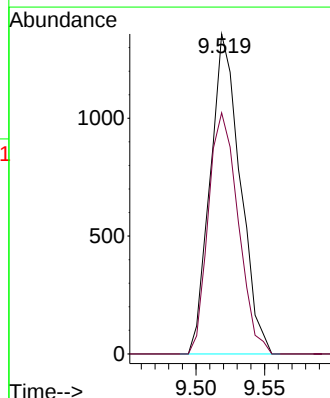
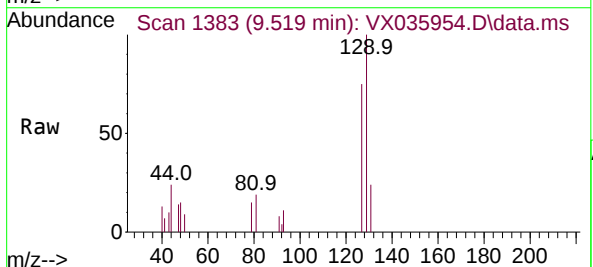
Acq: 01 Jun 2023 12:58

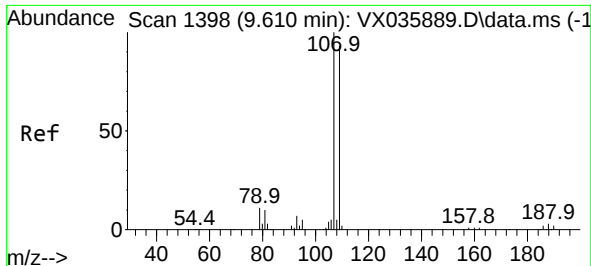
Tgt Ion:129 Resp: 2066

Ion Ratio Lower Upper

129 100

127 75.1 38.4 115.1





#61

1,2-Dibromoethane

Concen: 0.883 ug/l

RT: 9.604 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

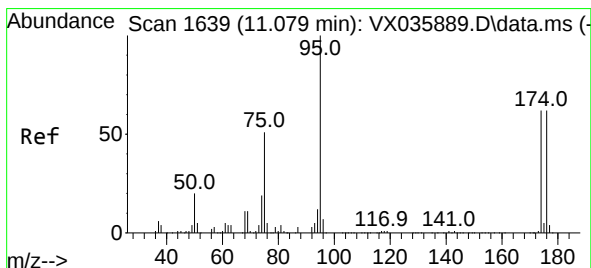
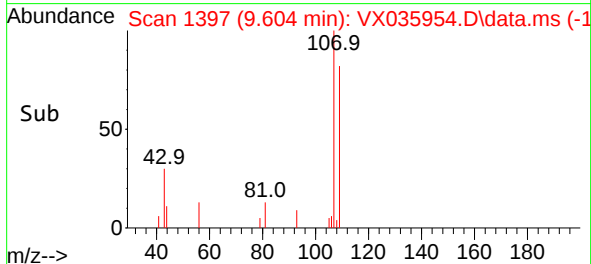
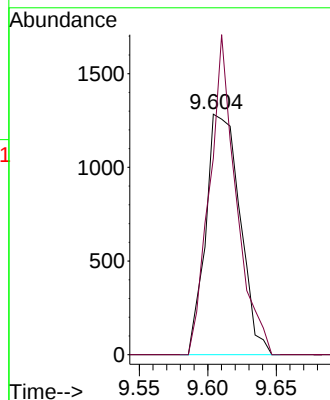
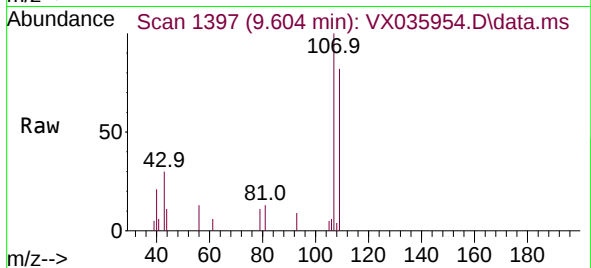
Tgt Ion:107 Resp: 222
 Ion Ratio Lower Upper
 107 100
 109 103.3 74.8 112.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#62

4-Bromofluorobenzene

Concen: 46.498 ug/l

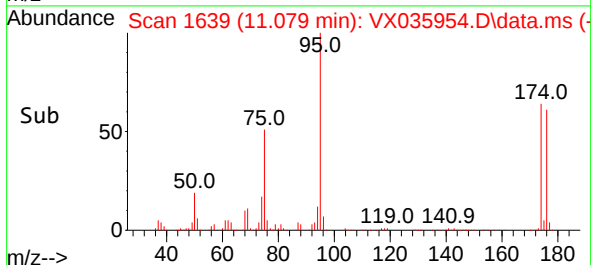
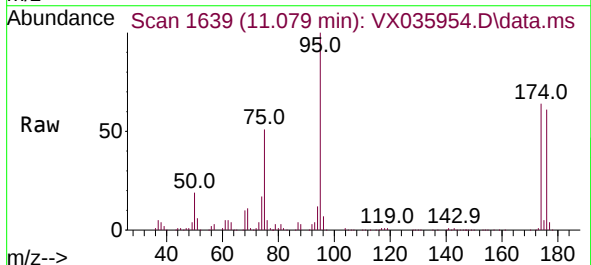
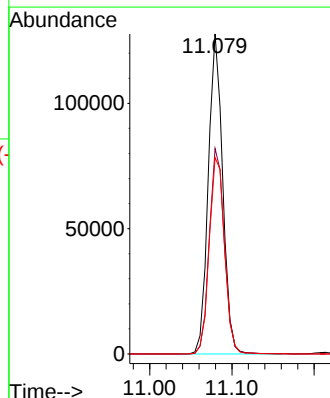
RT: 11.079 min Scan# 1639

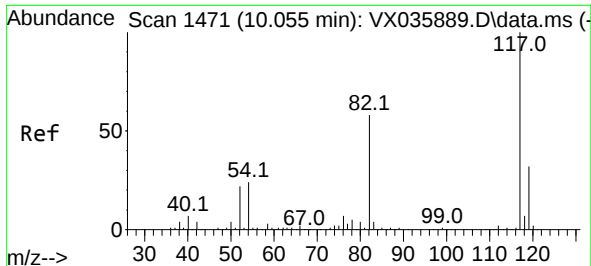
Delta R.T. 0.000 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

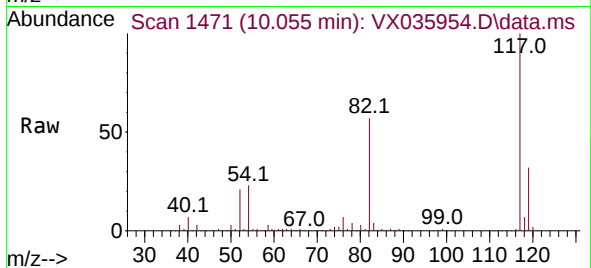
Tgt Ion: 95 Resp: 155117
 Ion Ratio Lower Upper
 95 100
 174 67.2 0.0 132.6
 176 65.4 0.0 128.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

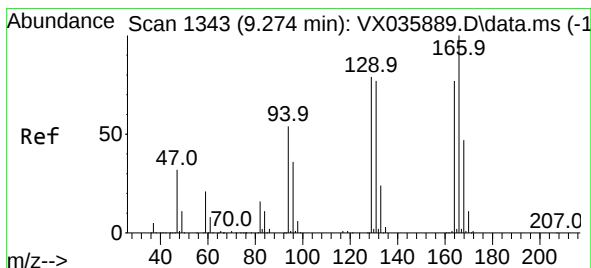
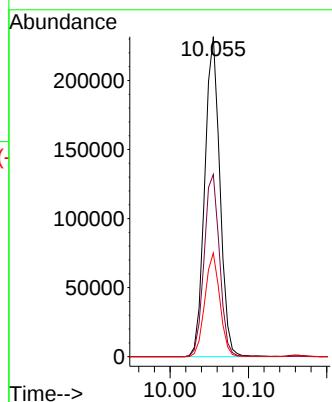
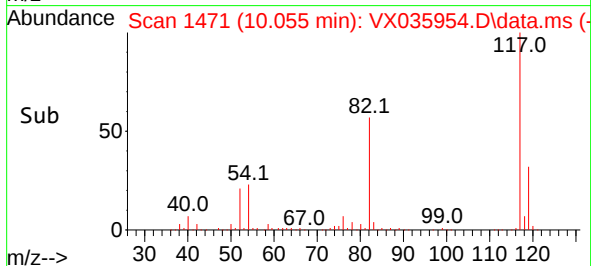
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023



Tgt Ion:117 Resp: 31043
Ion Ratio Lower Upper
117 100
82 56.9 46.6 69.8
119 32.4 25.4 38.2

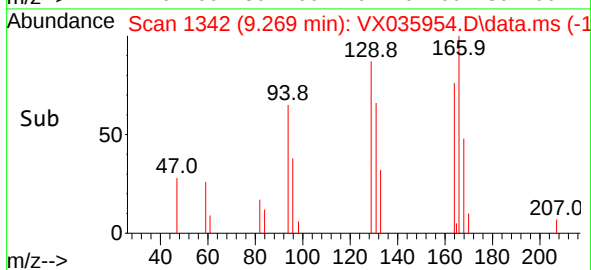
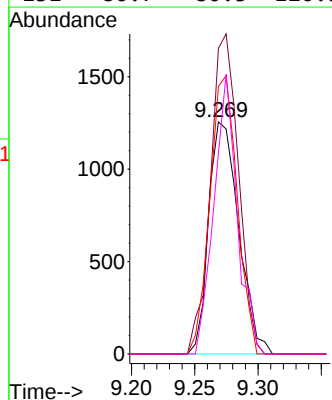
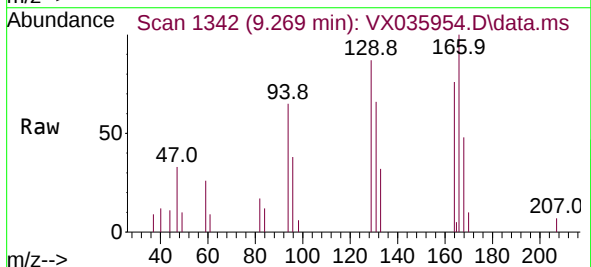
Manual Integrations
APPROVED

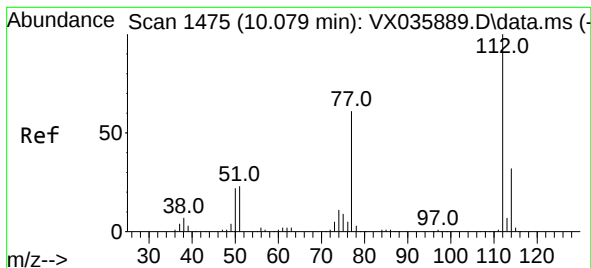
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#64
Tetrachloroethene
Concen: 1.065 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.005 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

Tgt Ion:164 Resp: 2078
Ion Ratio Lower Upper
164 100
166 131.8 104.4 156.6
129 115.3 82.0 123.0
131 86.7 80.3 120.5





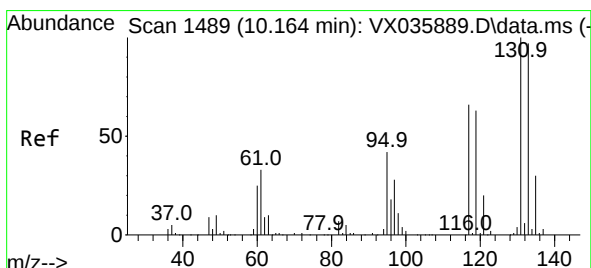
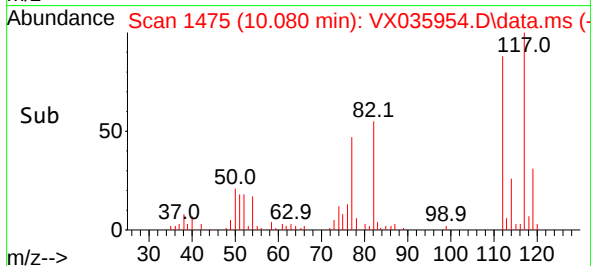
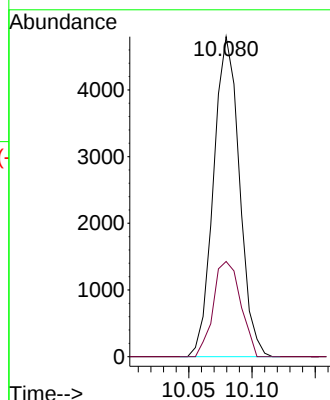
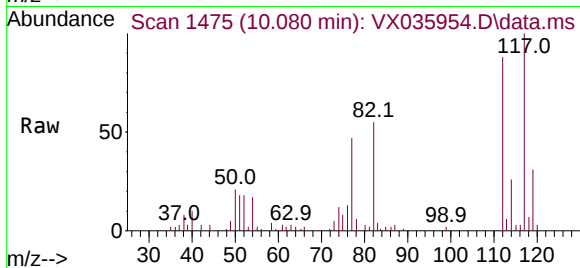
#65
Chlorobenzene
Concen: 1.090 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023

Tgt Ion:112 Resp: 682
Ion Ratio Lower Upper
112 100
114 29.8 25.8 38.8

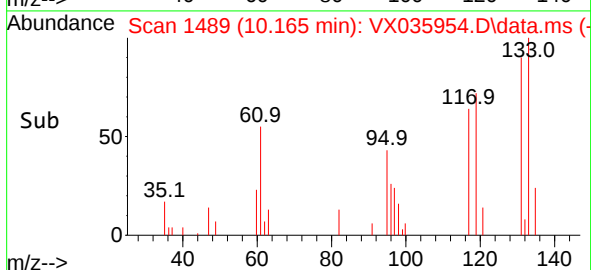
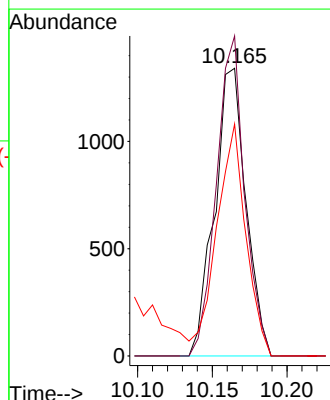
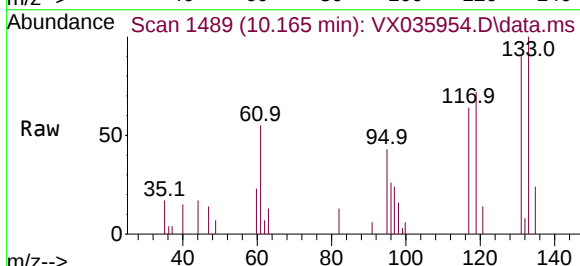
Manual Integrations
APPROVED

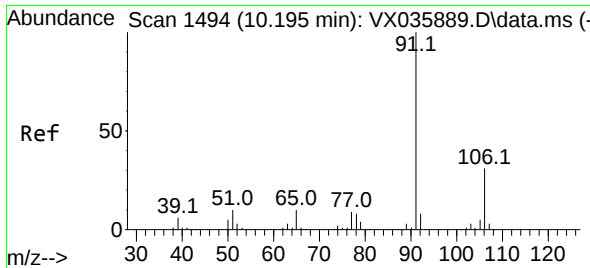
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 0.889 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

Tgt Ion:131 Resp: 1959
Ion Ratio Lower Upper
131 100
133 99.9 48.1 144.3
119 0.0 32.1 96.5#





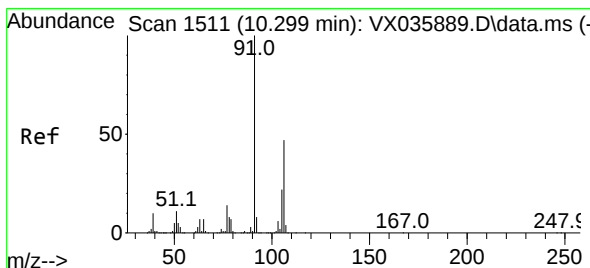
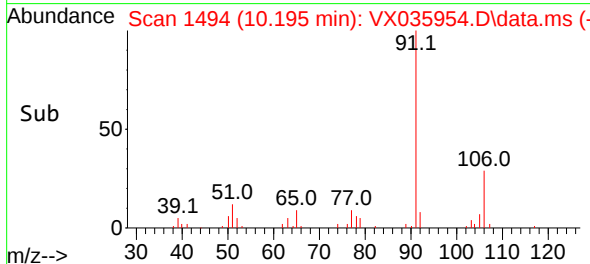
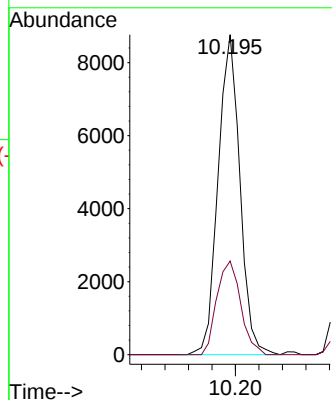
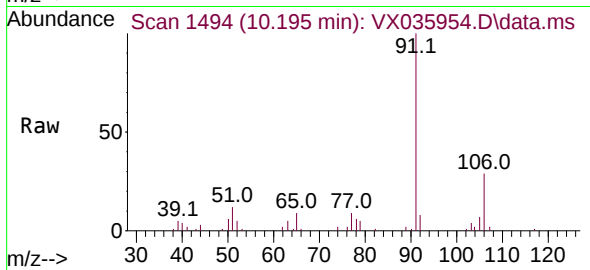
#67
Ethyl Benzene
Concen: 1.012 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023

Tgt Ion: 91 Resp: 11280
Ion Ratio Lower Upper
91 100
106 29.2 24.6 37.0

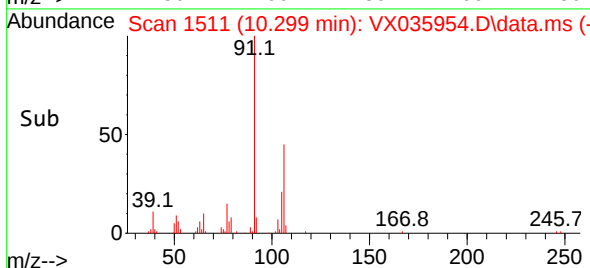
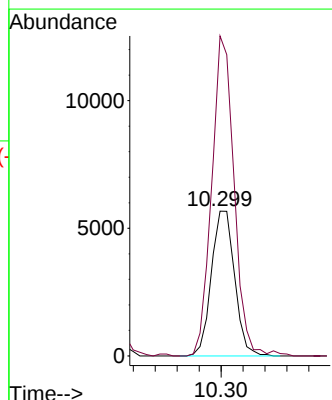
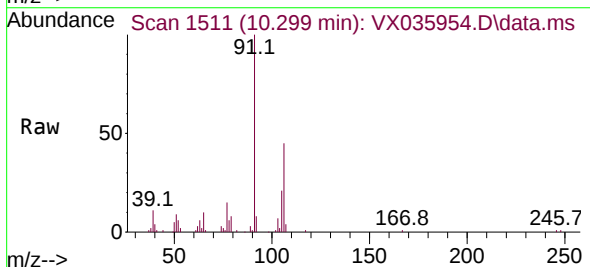
Manual Integrations
APPROVED

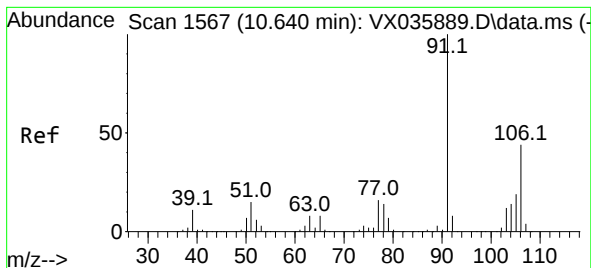
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#68
m/p-Xylenes
Concen: 1.981 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

Tgt Ion:106 Resp: 8379
Ion Ratio Lower Upper
106 100
91 212.6 169.8 254.8





#69

o-Xylene

Concen: 1.011 ug/l

RT: 10.647 min Scan# 1567

Delta R.T. 0.007 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion:106 Resp: 4290

Ion Ratio Lower Upper

106 100

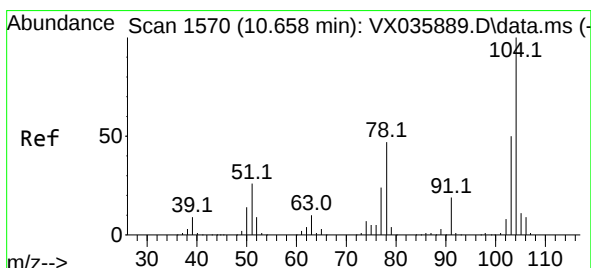
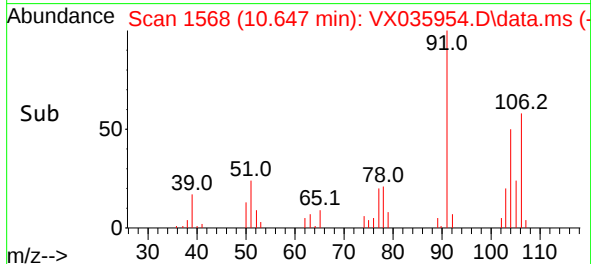
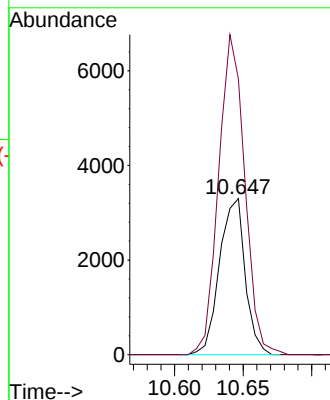
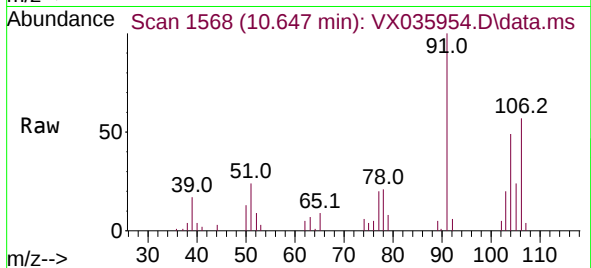
91 208.8 112.5 337.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#70

Styrene

Concen: 0.970 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.001 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

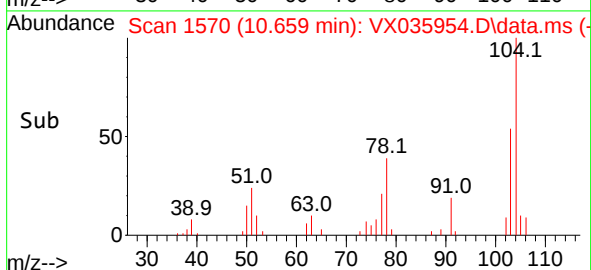
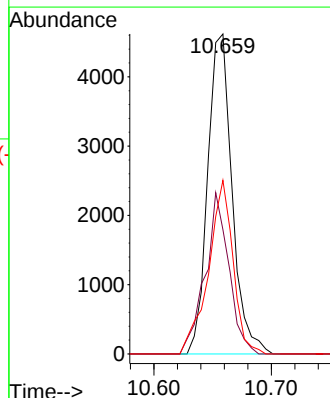
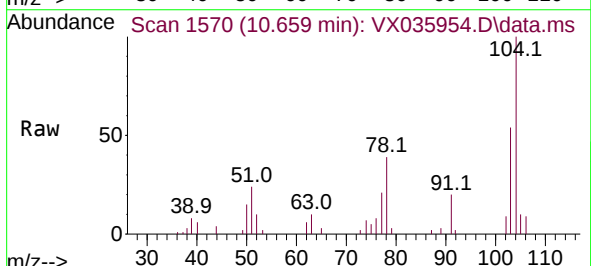
Tgt Ion:104 Resp: 6659

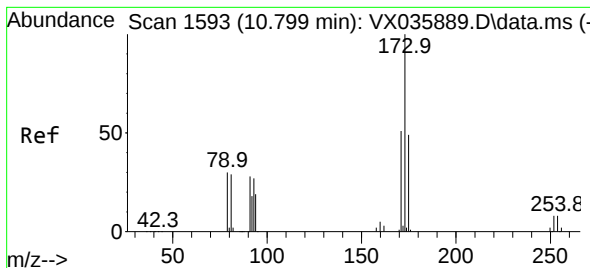
Ion Ratio Lower Upper

104 100

78 48.9 44.7 67.1

103 54.6 44.0 66.0





#71

Bromoform

Concen: 0.773 ug/l

RT: 10.799 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

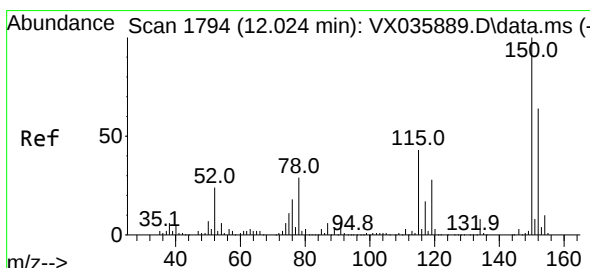
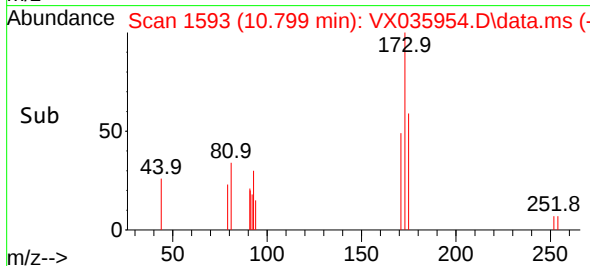
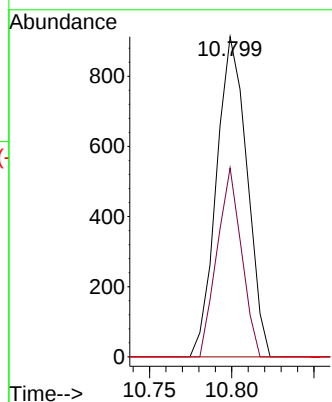
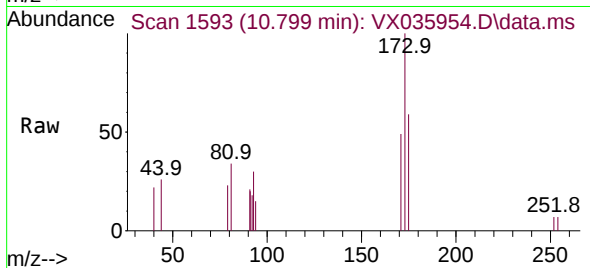
Tgt Ion:173	Resp:	1179
Ion Ratio	Lower	Upper
173	100	
175	47.2	24.2 72.6
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

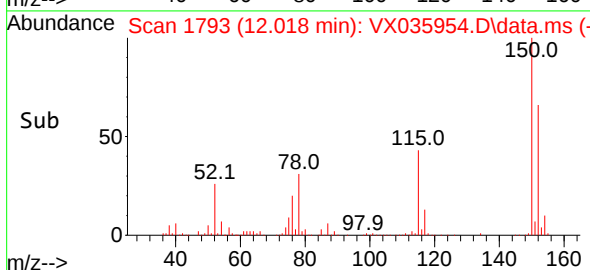
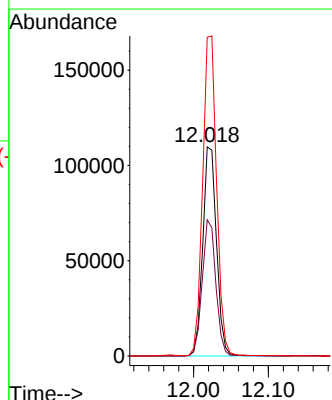
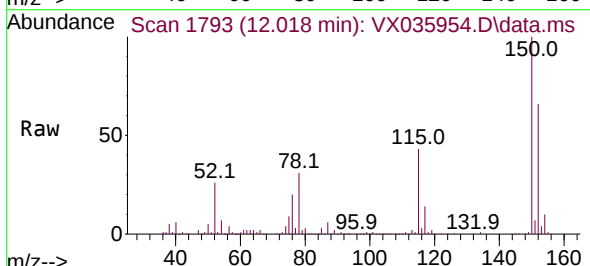
RT: 12.018 min Scan# 1793

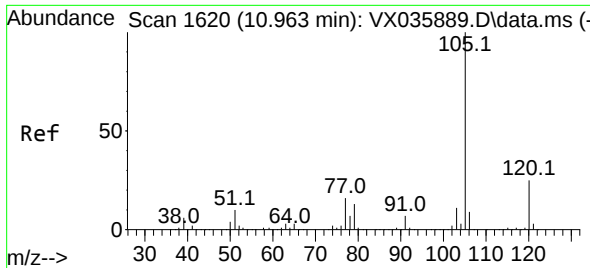
Delta R.T. -0.006 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

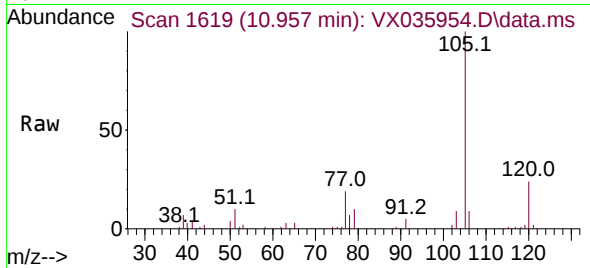
Tgt Ion:152	Resp:	140079
Ion Ratio	Lower	Upper
152	100	
115	64.7	45.5 136.5
150	155.4	0.0 345.2





#73
Isopropylbenzene
Concen: 1.054 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

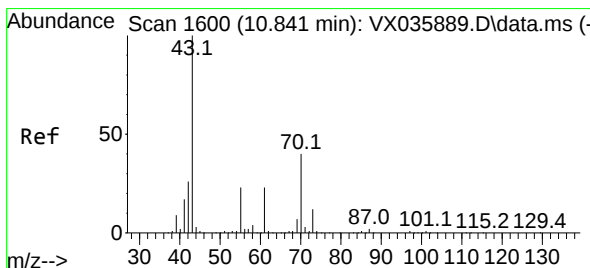
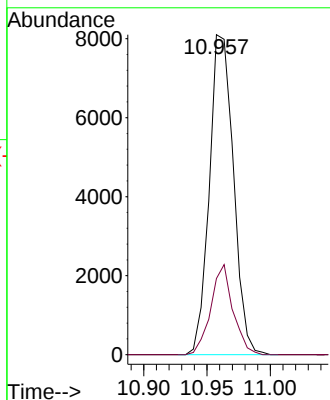
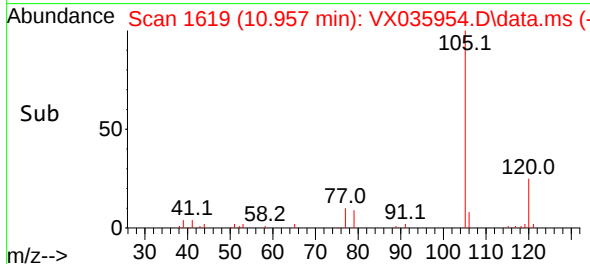
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023



Tgt Ion:105 Resp: 10729
Ion Ratio Lower Upper
105 100
120 25.9 12.7 38.0

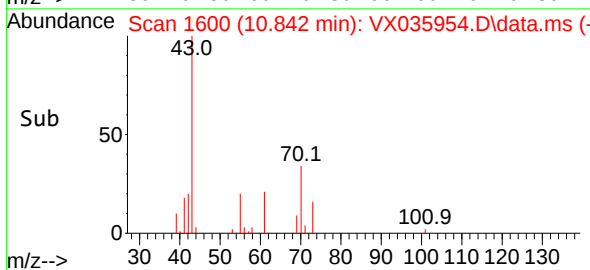
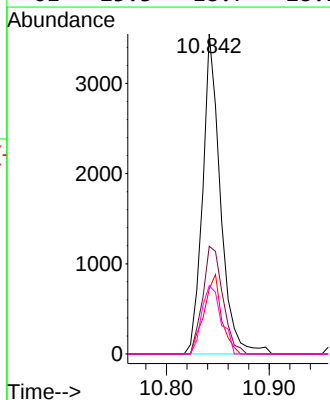
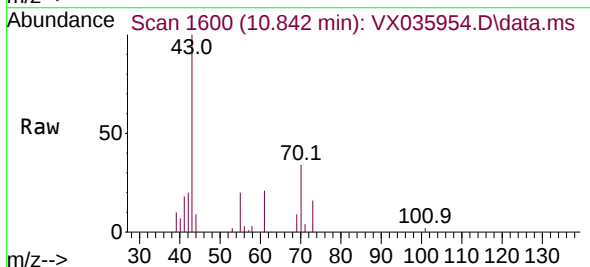
Manual Integrations
APPROVED

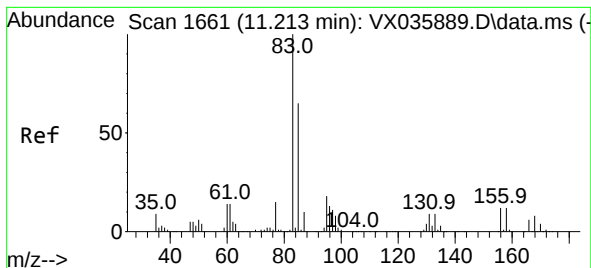
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#74
N-ethyl acetate
Concen: 0.965 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

Tgt Ion: 43 Resp: 4280
Ion Ratio Lower Upper
43 100
70 37.9 32.6 48.8
55 24.4 19.0 28.4
61 23.3 18.7 28.1





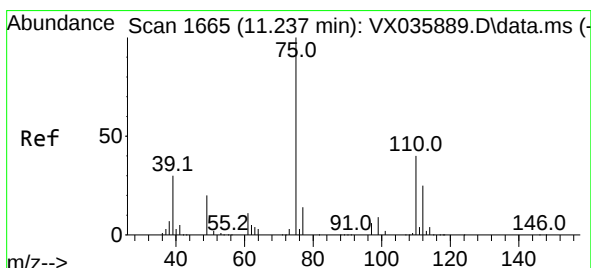
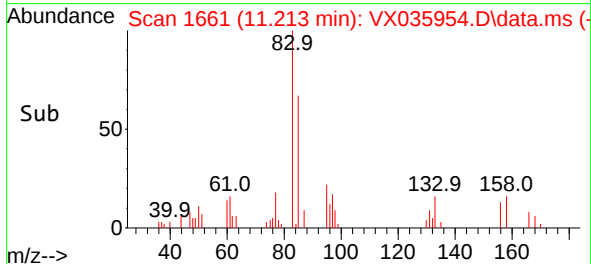
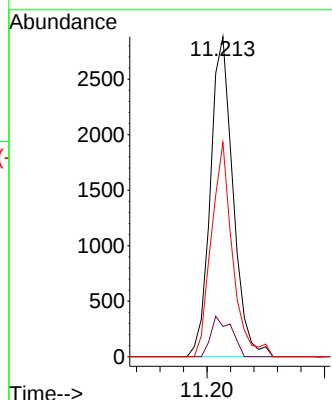
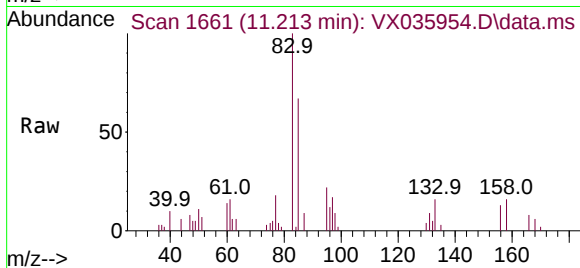
#75
1,1,2,2-Tetrachloroethane
Concen: 1.107 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion: 83 Resp: 3850
Ion Ratio Lower Upper
83 100
131 11.4 4.9 14.7
85 62.9 32.4 97.0

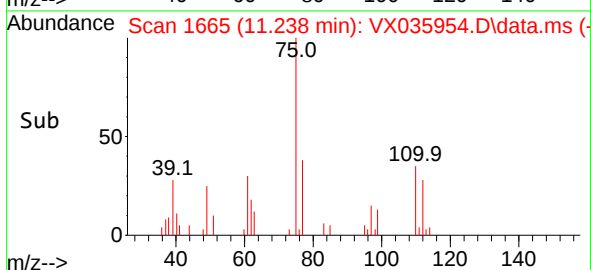
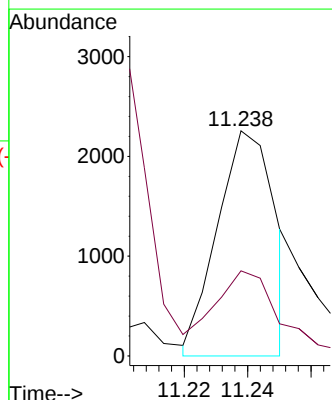
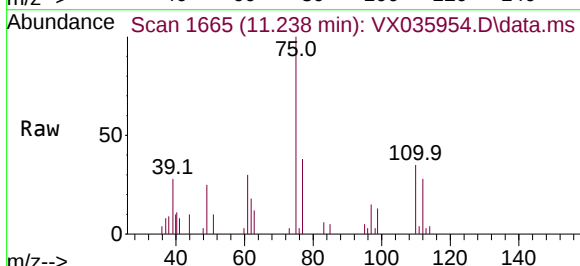
Manual Integrations
APPROVED

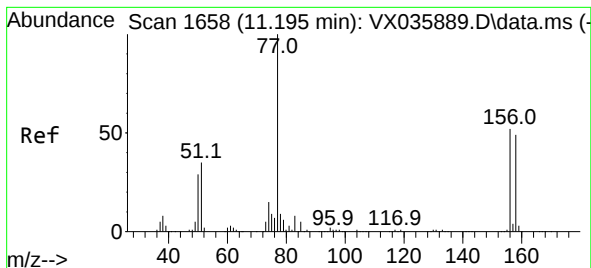
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#76
1,2,3-Trichloropropane
Concen: 0.900 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

Tgt Ion: 75 Resp: 2842
Ion Ratio Lower Upper
75 100
77 43.5 21.4 64.2





#77

Bromobenzene

Concen: 1.066 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

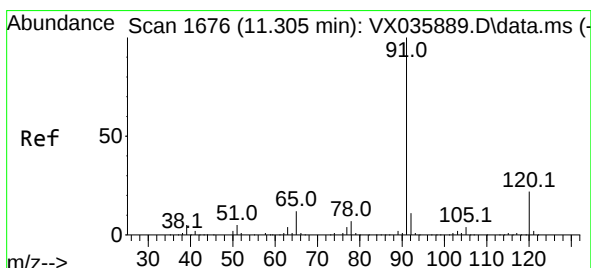
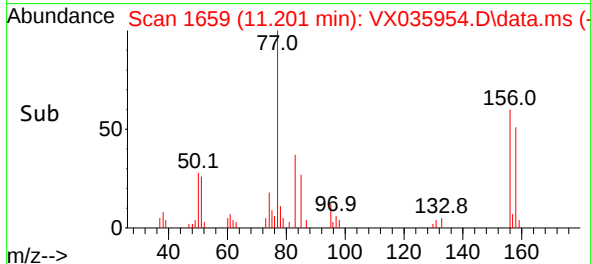
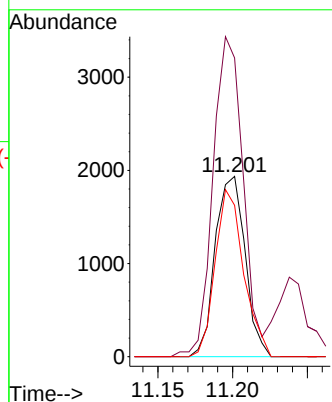
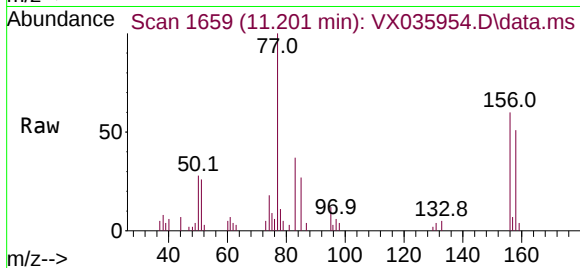
Tgt Ion:	156	Resp:	268
Ion Ratio	Lower	Upper	
156	100		
77	178.2	90.8	272.3
158	88.6	47.4	142.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#78

n-propylbenzene

Concen: 1.036 ug/l

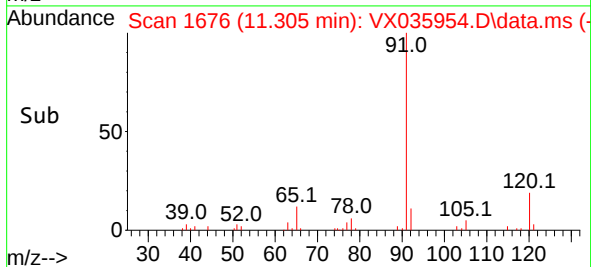
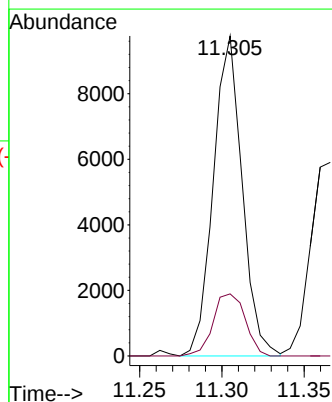
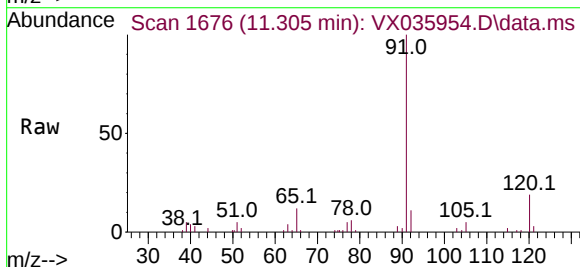
RT: 11.305 min Scan# 1676

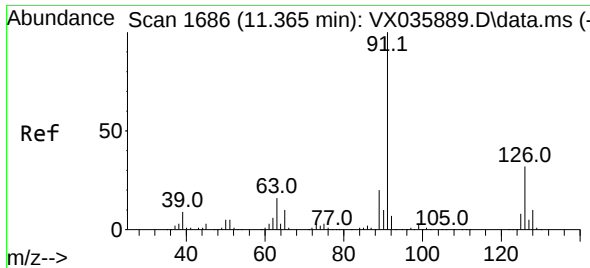
Delta R.T. -0.000 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

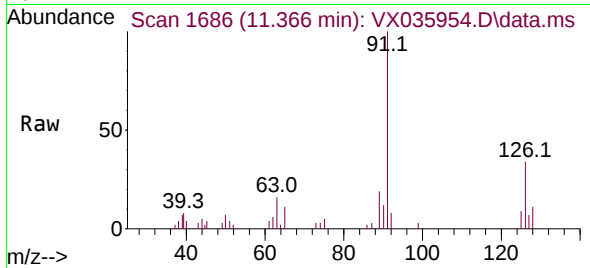
Tgt Ion:	91	Resp:	11899
Ion Ratio	Lower	Upper	
91	100		
120	21.7	10.9	32.9





#79
2-Chlorotoluene
Concen: 1.122 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

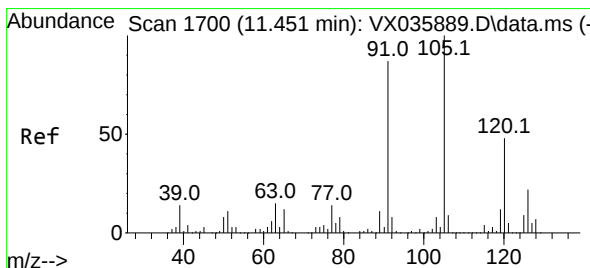
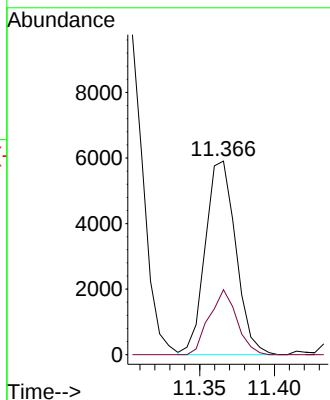
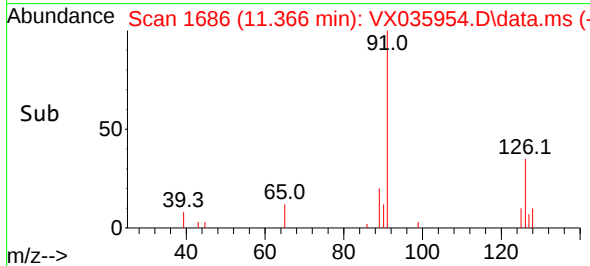
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023



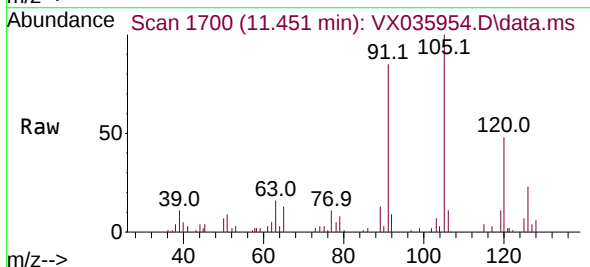
Tgt Ion: 91 Resp: 8398
Ion Ratio Lower Upper
91 100
126 30.2 15.8 47.4

Manual Integrations
APPROVED

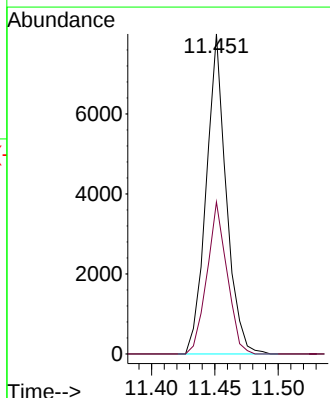
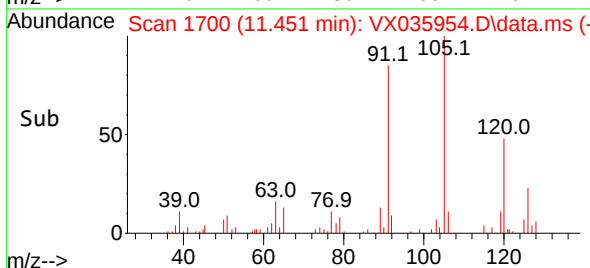
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

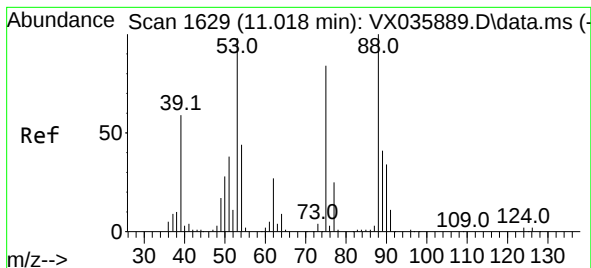


#80
1,3,5-Trimethylbenzene
Concen: 1.026 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58



Tgt Ion:105 Resp: 8803
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.4





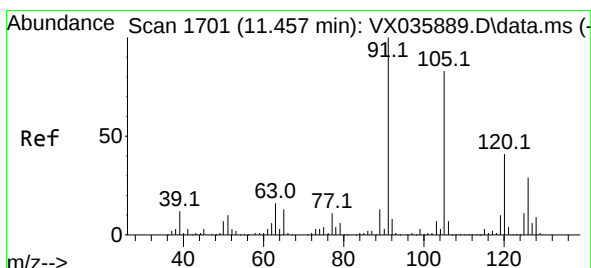
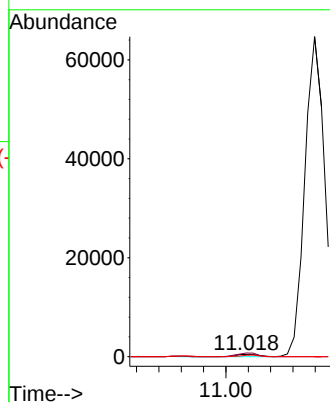
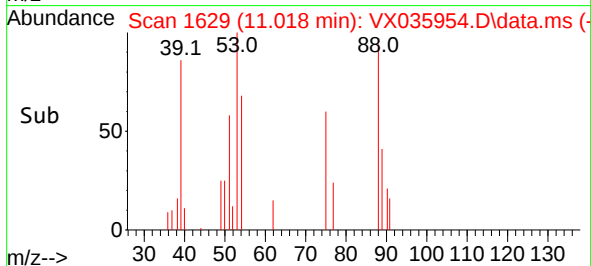
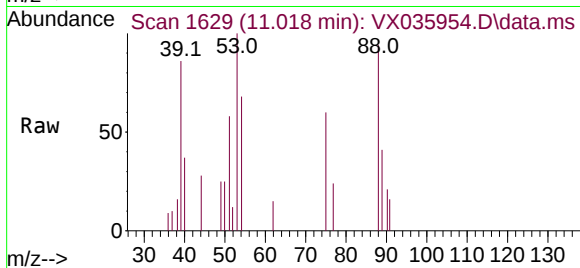
#81
trans-1,4-Dichloro-2-butene
Concen: 0.758 ug/l m
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023

Tgt Ion: 75 Resp: 71
Ion Ratio Lower Upper
75 100
53 0.0 95.2 142.8
89 0.0 38.0 57.0

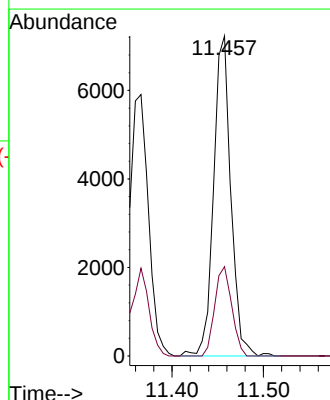
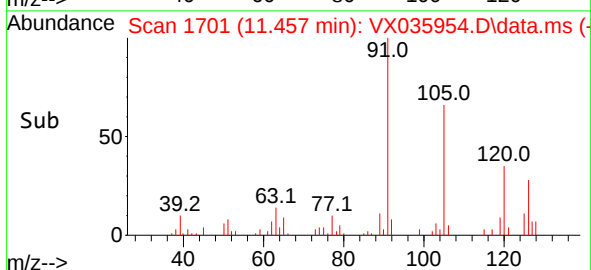
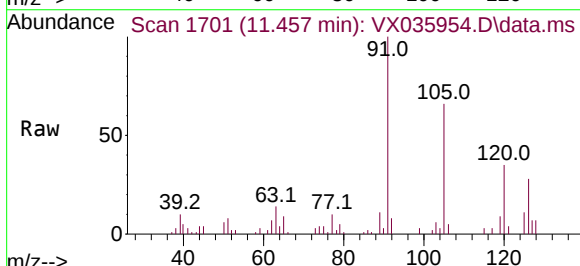
Manual Integrations
APPROVED

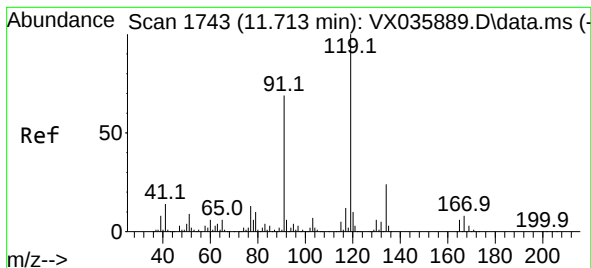
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#82
4-Chlorotoluene
Concen: 1.102 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

Tgt Ion: 91 Resp: 9464
Ion Ratio Lower Upper
91 100
126 27.4 13.7 41.0





#83

tert-Butylbenzene

Concen: 1.073 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

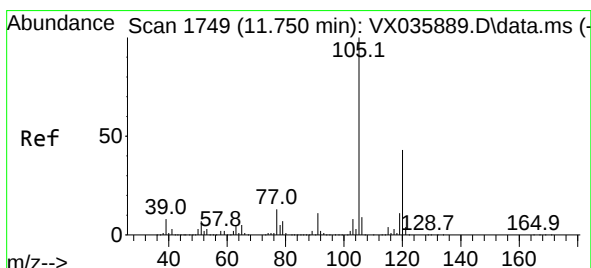
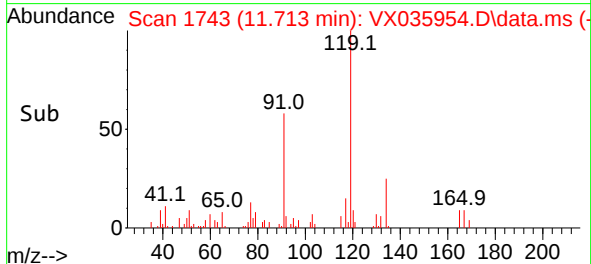
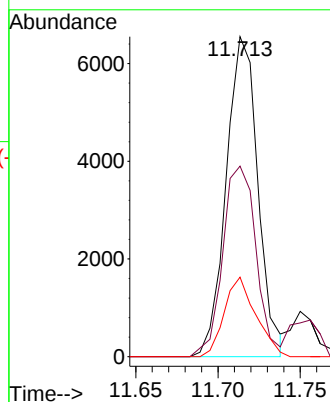
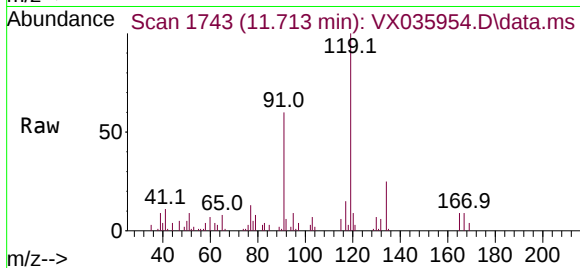
Tgt Ion:	119	Resp:	8790
Ion Ratio	Lower	Upper	
119	100		
91	62.4	32.4	97.0
134	24.7	11.6	34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#84

1,2,4-Trimethylbenzene

Concen: 1.020 ug/l

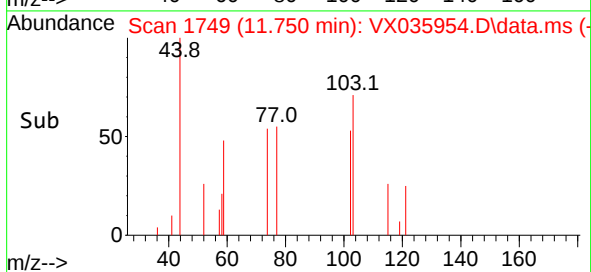
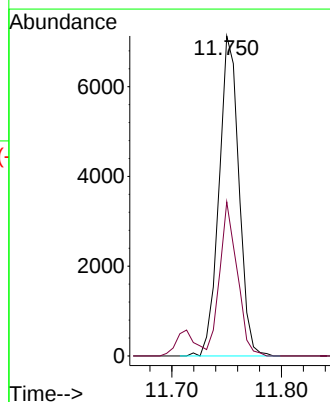
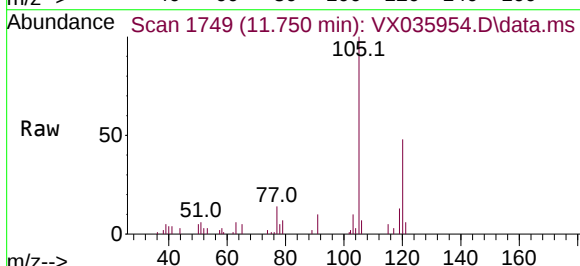
RT: 11.750 min Scan# 1749

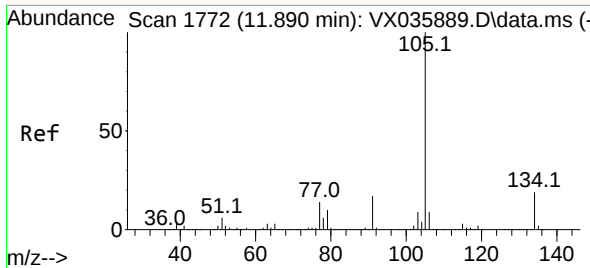
Delta R.T. -0.000 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

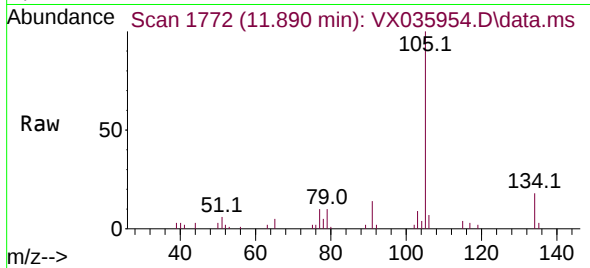
Tgt Ion:	105	Resp:	8983
Ion Ratio	Lower	Upper	
105	100		
120	42.3	21.6	64.8





#85
sec-Butylbenzene
Concen: 1.084 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

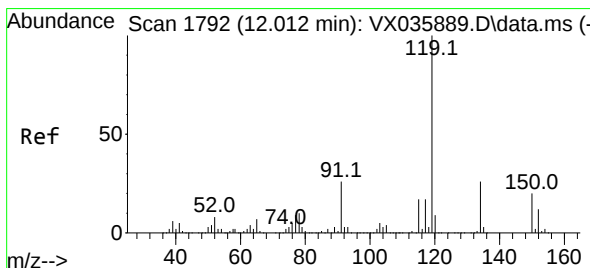
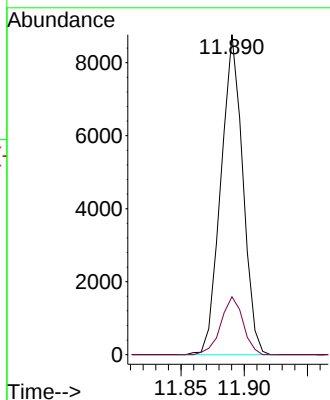
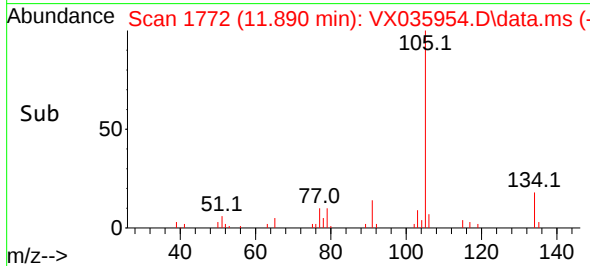
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023



Tgt Ion:105 Resp: 10545
Ion Ratio Lower Upper
105 100
134 18.3 9.7 28.9

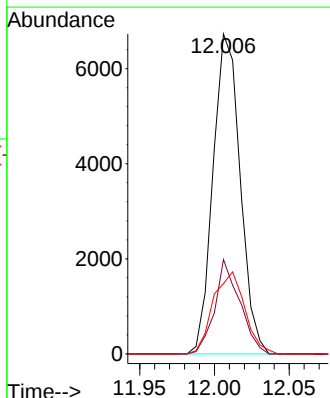
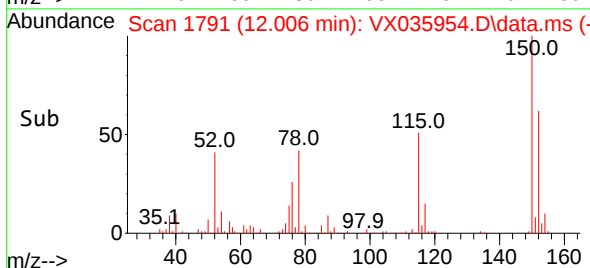
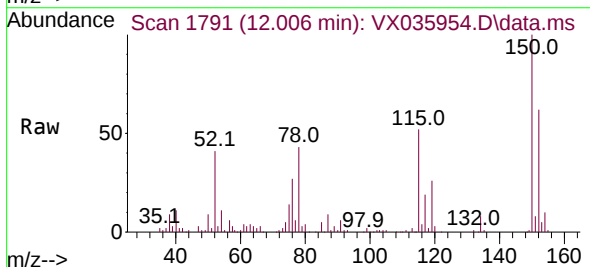
Manual Integrations
APPROVED

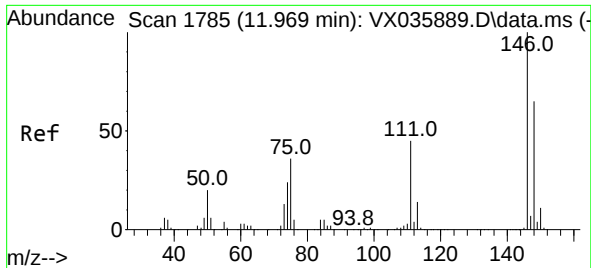
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#86
p-Isopropyltoluene
Concen: 1.021 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

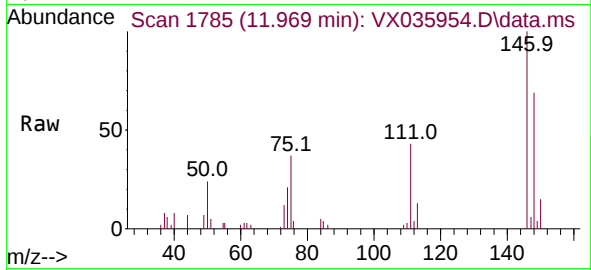
Tgt Ion:119 Resp: 8488
Ion Ratio Lower Upper
119 100
134 27.2 12.7 38.1
91 30.0 13.5 40.5





#87
1,3-Dichlorobenzene
Concen: 1.022 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

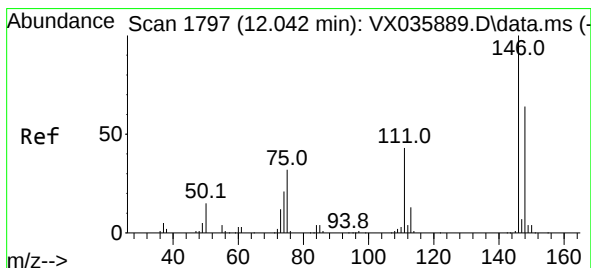
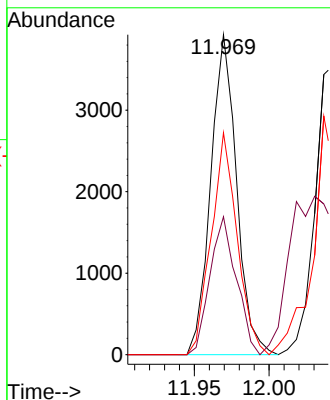
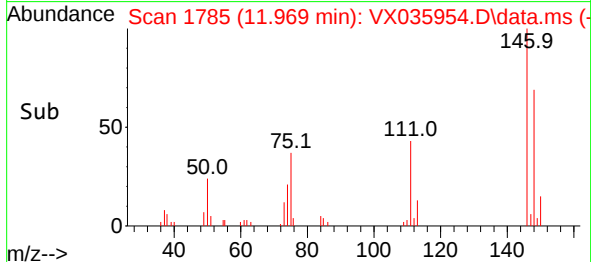
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



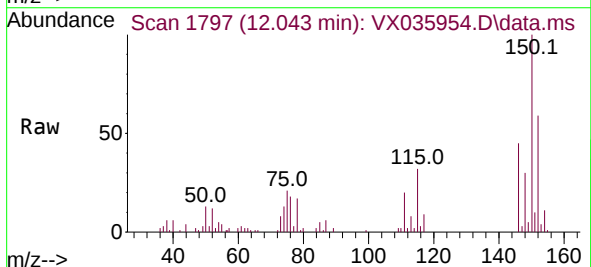
Tgt Ion:146 Resp: 4711
Ion Ratio Lower Upper
146 100
111 44.1 22.6 67.7
148 69.7 31.9 95.7

Manual Integrations
APPROVED

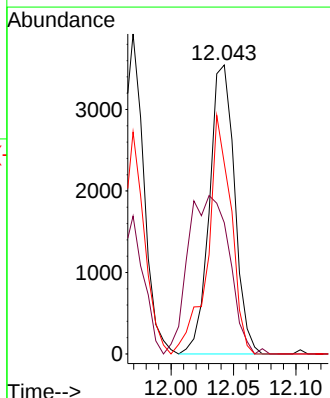
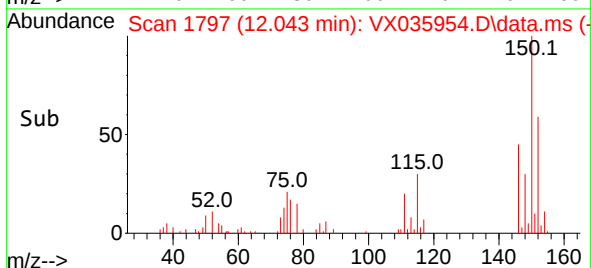
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

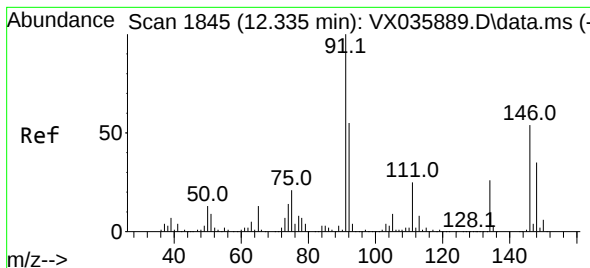


#88
1,4-Dichlorobenzene
Concen: 1.023 ug/l m
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58



Tgt Ion:146 Resp: 4971
Ion Ratio Lower Upper
146 100
111 41.8 21.8 65.3
148 66.0 31.9 95.7





#89

n-Butylbenzene

Concen: 1.044 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 91 Resp: 733

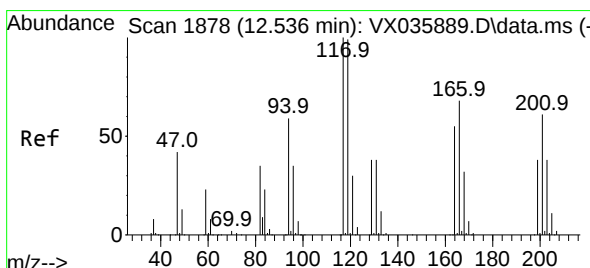
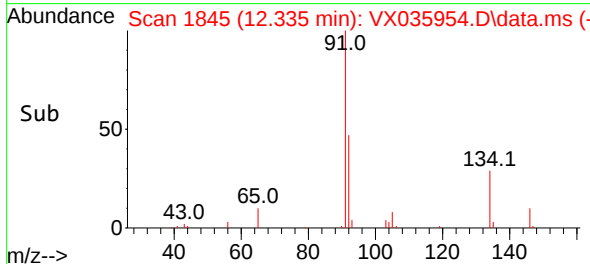
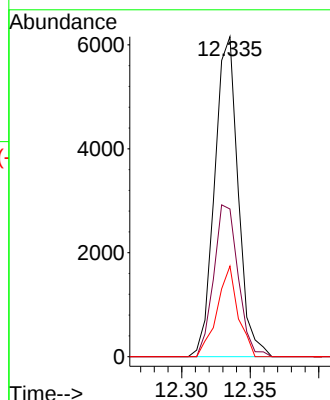
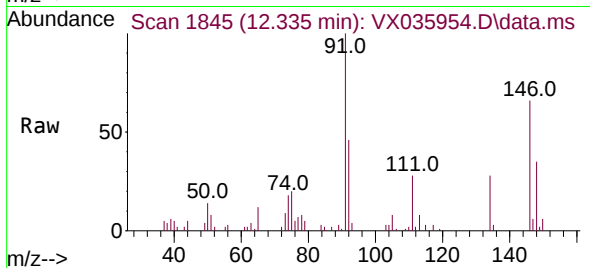
Ion	Ratio	Lower	Upper
91	100		
92	49.2	27.3	81.8
134	25.2	12.4	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#90

Hexachloroethane

Concen: 0.877 ug/l

RT: 12.536 min Scan# 1878

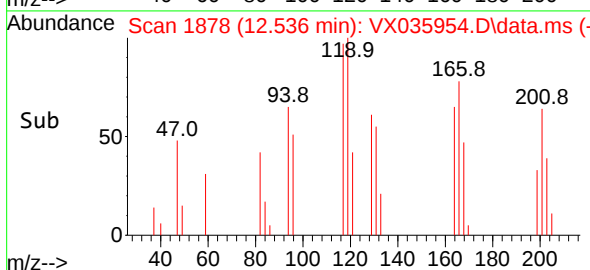
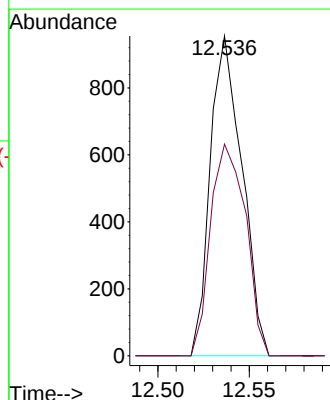
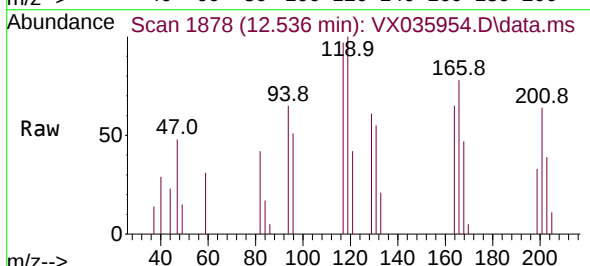
Delta R.T. 0.000 min

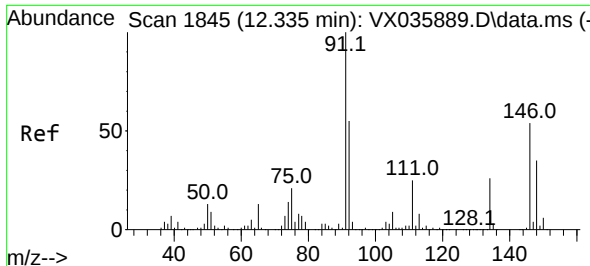
Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Tgt Ion:117 Resp: 1156

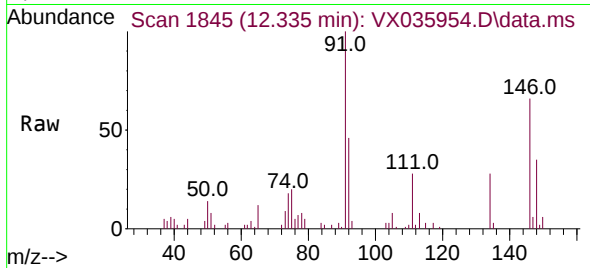
Ion	Ratio	Lower	Upper
117	100		
201	72.9	32.7	98.1





#91
1,2-Dichlorobenzene
Concen: 1.057 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58

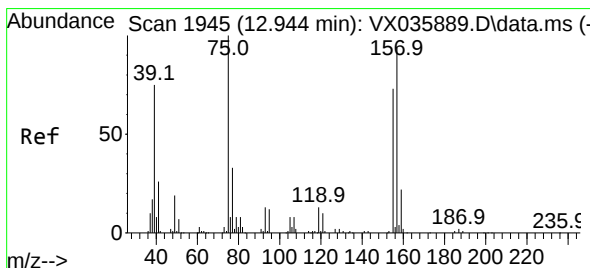
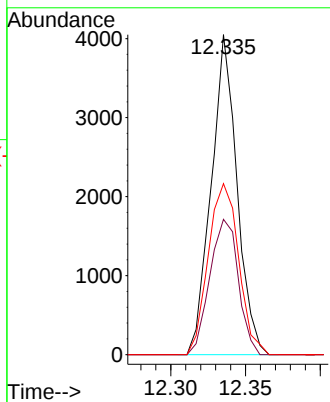
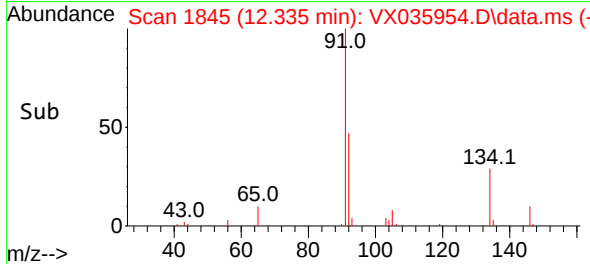
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023



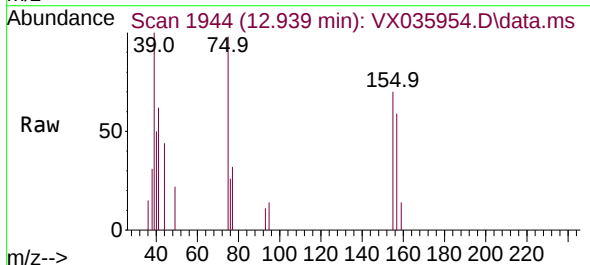
Tgt Ion:146 Resp: 4850
Ion Ratio Lower Upper
146 100
111 46.7 23.3 69.9
148 63.0 31.9 95.7

Manual Integrations
APPROVED

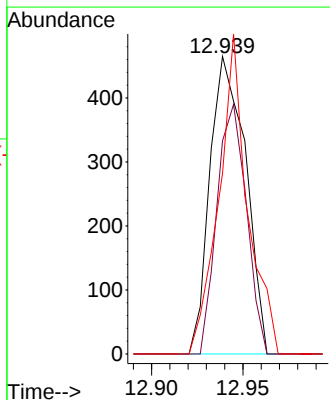
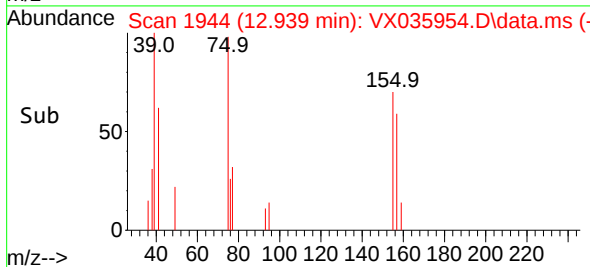
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

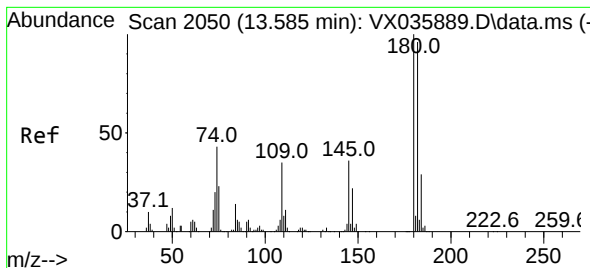


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.879 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.005 min
Lab File: VX035954.D
Acq: 01 Jun 2023 12:58



Tgt Ion: 75 Resp: 632
Ion Ratio Lower Upper
75 100
155 69.1 35.3 105.7
157 86.1 45.6 136.8





#93

1,2,4-Trichlorobenzene

Concen: 0.907 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

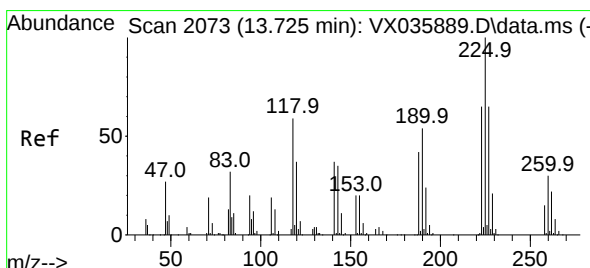
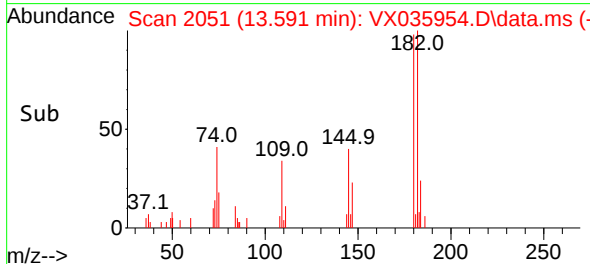
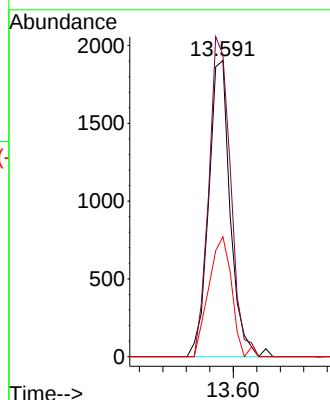
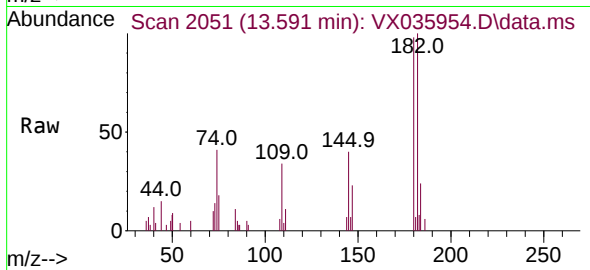
Tgt Ion:180	Resp:	242
Ion Ratio	Lower	Upper
180	100	
182	108.4	47.3 141.8
145	43.3	17.3 51.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#94

Hexachlorobutadiene

Concen: 1.129 ug/l

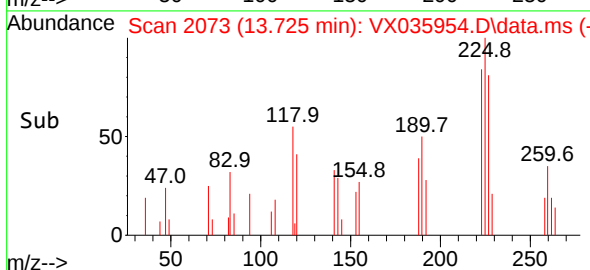
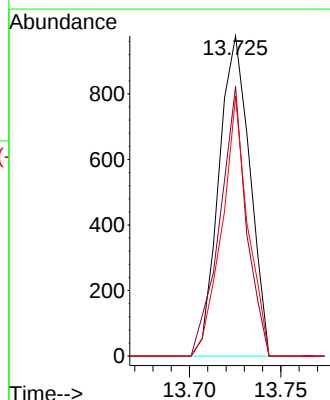
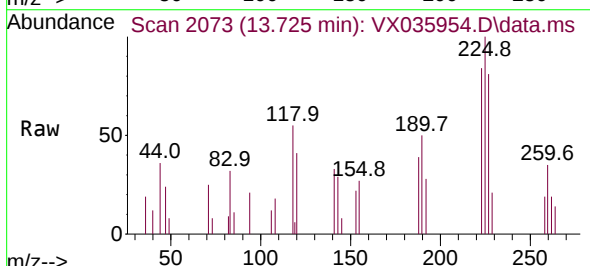
RT: 13.725 min Scan# 2073

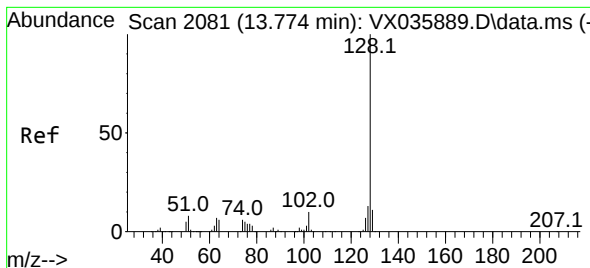
Delta R.T. 0.000 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Tgt Ion:225	Resp:	1147
Ion Ratio	Lower	Upper
225	100	
223	72.5	32.6 97.7
227	68.4	31.9 95.7





#95

Naphthalene

Concen: 0.876 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

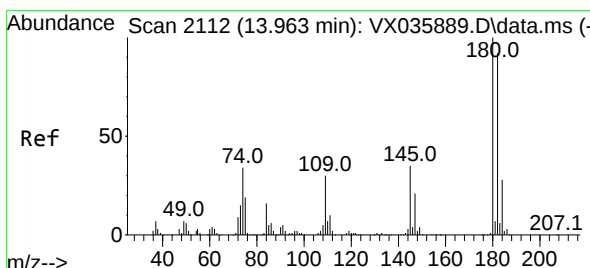
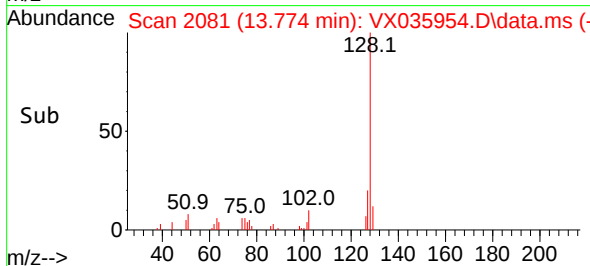
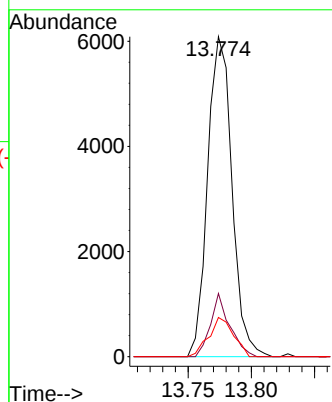
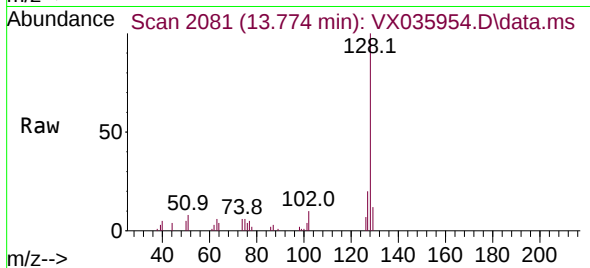
Tgt Ion:	128	Resp:	814
Ion Ratio	Lower	Upper	
128	100		
127	15.6	10.3	15.5
129	12.4	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#96

1,2,3-Trichlorobenzene

Concen: 1.038 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX035954.D

Acq: 01 Jun 2023 12:58

Tgt Ion:	180	Resp:	2734
Ion Ratio	Lower	Upper	
180	100		
182	91.0	46.9	140.7
145	36.0	18.1	54.3

