

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040623\
 Data File : VX034958.D
 Acq On : 06 Apr 2023 16:37
 Operator : JC/MD
 Sample : 02213-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Apr 07 03:20:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/07/2023
 Supervised By : Mahesh Dadoda 04/07/2023

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

Internal Standards						
1) Bromochloromethane	4.897	128	30937	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	196429	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	210891	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	87954	29.589	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.633%		
60) 4-Bromofluorobenzene	11.079	95	123685	29.351	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.833%		
63) Toluene-d8	8.647	98	219648	30.648	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	102.167%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	15610	5.320	ug/l	96
3) Chloromethane	1.294	50	18549	4.875	ug/l	96
4) Vinyl Chloride	1.374	62	17409	4.638	ug/l #	86
5) Bromomethane	1.617	94	7720	3.127	ug/l	91
6) Chloroethane	1.685	64	10742	4.397	ug/l #	86
7) Trichlorofluoromethane	1.886	101	26158	4.375	ug/l	95
8) Diethyl Ether	2.130	74	9952	4.623	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	15760	5.195	ug/l	99
10) 1,1-Dichloroethene	2.319	96	13979	4.552	ug/l	97
11) Methyl Iodide	2.453	142	9702	2.481	ug/l	98
12) Methyl Acetate	2.703	43	33484	4.924	ug/l	97
13) Acrolein	2.239	56	14716	18.661	ug/l	98
14) Acrylonitrile	3.062	53	44076	23.538	ug/l	99
15) Acetone	2.392	58	12734	25.048	ug/l	97
16) Carbon Disulfide	2.514	76	30639	3.901	ug/l	99
17) Allyl chloride	2.660	41	26261	4.419	ug/l	94
18) Methylene Chloride	2.788	84	17868	4.940	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	15557	4.630	ug/l	93
20) Diisopropyl ether	3.757	45	56606	4.650	ug/l	95
21) 1,1-Dichloroethane	3.611	63	30829	4.736	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	18139	4.635	ug/l	99
23) tert-Butyl Alcohol	2.989	59	18210m	21.613	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	53469	4.686	ug/l	97
25) Chloroform	5.086	83	31298	4.727	ug/l	97
26) Cyclohexane	5.470	56	26666	4.675	ug/l #	99
29) 1,1-Dichloropropene	5.696	75	22884	5.065	ug/l	98
30) 2-Butanone	4.562	43	61750	24.508	ug/l	99
31) 2,2-Dichloropropane	4.477	77	20725	4.523	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	25141	4.744	ug/l	98
33) Carbon Tetrachloride	5.678	117	20818	4.759	ug/l	97
34) Benzene	6.037	78	65997	5.027	ug/l	99
35) Methacrylonitrile	4.916	41	13593	4.929	ug/l	98
36) 1,2-Dichloroethane	6.086	62	26756	5.198	ug/l #	94
37) Trichloroethene	7.129	130	16062	4.807	ug/l	94
38) Methylcyclohexane	7.379	83	24405	4.944	ug/l	96
39) 1,2-Dichloropropane	7.427	63	16388	4.802	ug/l	97
40) Dibromomethane	7.586	93	11726	5.002	ug/l	97
41) Bromodichloromethane	7.824	83	20202	4.575	ug/l #	95
42) Vinyl Acetate	3.721	43	186329	22.669	ug/l	99

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 LOQ-WATER-02-QT2-2023

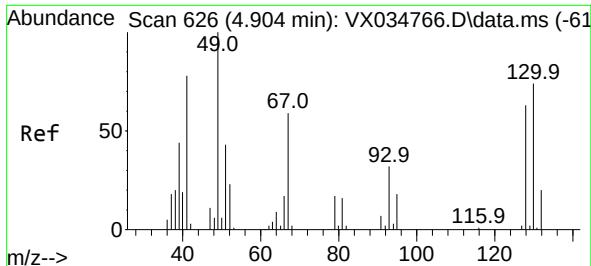
Quant Time: Apr 07 03:20:02 2023
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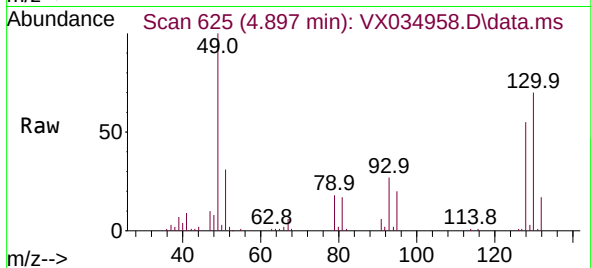
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	21195	4.337	ug/l	# 91
44) Isopropyl Acetate	6.336	43	36367	4.396	ug/l	99
45) 1,4-Dioxane	7.708	88	8265m	100.850	ug/l	
46) Methyl methacrylate	7.696	41	19474	4.832	ug/l	94
47) n-amyl Acetate	10.841	43	27390	3.809	ug/l	96
48) t-1,3-Dichloropropene	8.982	75	17141	3.563	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	21812	4.127	ug/l	94
50) 1,1,2-Trichloroethane	9.153	97	16577	5.076	ug/l	95
51) Ethyl methacrylate	9.116	69	23279	4.392	ug/l	97
52) 1,3-Dichloropropane	9.311	76	28461	4.933	ug/l	95
53) Dibromochloromethane	9.518	129	12931	4.002	ug/l	96
54) 1,2-Dibromoethane	9.610	107	15973	4.572	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	62647	22.458	ug/l	100
56) Bromoform	10.799	173	7887	3.540	ug/l	98
58) 4-Methyl-2-Pentanone	8.573	43	122311	25.296	ug/l	99
59) 2-Hexanone	9.433	43	88826	24.399	ug/l	99
61) Tetrachloroethene	9.275	164	15579	5.482	ug/l	97
62) Toluene	8.720	91	70653	5.124	ug/l	98
64) Chlorobenzene	10.079	112	43140	5.080	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	13706	4.515	ug/l	100
66) Ethyl Benzene	10.195	91	76989	5.013	ug/l	100
67) m/p-Xylenes	10.299	106	58643	10.035	ug/l	98
68) o-Xylene	10.640	106	28762	4.977	ug/l	99
69) Styrene	10.658	104	44483	4.669	ug/l	99
70) Isopropylbenzene	10.963	105	73665	4.925	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	23736	4.828	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	21838m	4.880	ug/l	
73) Bromobenzene	11.201	156	17292	4.814	ug/l	94
74) n-propylbenzene	11.305	91	81497	4.681	ug/l	99
75) 2-Chlorotoluene	11.366	91	54425	5.014	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	61452	4.881	ug/l	97
77) t-1,4-Dichloro-2-butene	11.018	75	3637	2.646	ug/l	76
78) 4-Chlorotoluene	11.457	91	61810	4.967	ug/l	97
79) tert-butylbenzene	11.713	119	55625	4.628	ug/l	96
80) 1,2,4-Trimethylbenzene	11.750	105	60928	4.870	ug/l	95
81) sec-Butylbenzene	11.890	105	68557	4.707	ug/l	100
82) p-Isopropyltoluene	12.006	119	56722	4.615	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	33098	4.879	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	33127	4.863	ug/l	98
85) n-Butylbenzene	12.335	91	45929	4.336	ug/l	98
86) Hexachloroethane	12.536	117	6597	3.277	ug/l	94
87) 1,2-Dichlorobenzene	12.335	146	32012	4.823	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	3926	3.654	ug/l	93
89) 1,2,4-Trichlorobenzene	13.591	180	17843	4.481	ug/l	100
90) Hexachlorobutadiene	13.725	225	7627	4.967	ug/l	98
91) Naphthalene	13.774	128	59740	4.246	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	18482	4.643	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

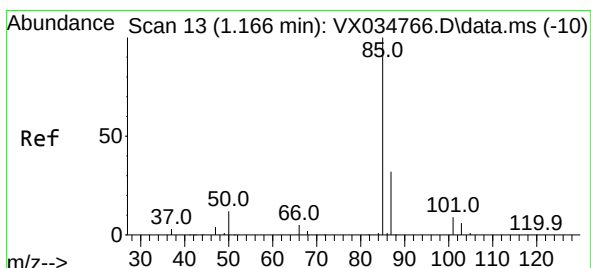
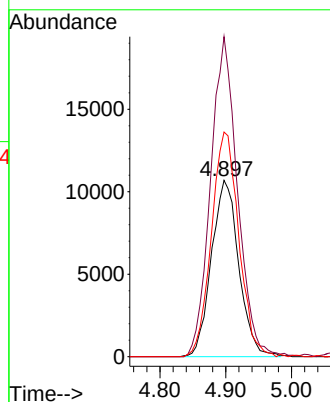
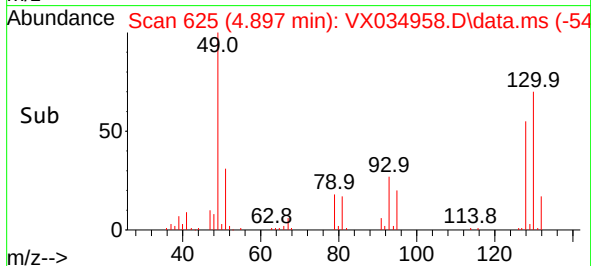
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:128 Resp: 3093
Ion Ratio Lower Upper
128 100
49 178.7 0.0 428.8
130 127.5 0.0 310.8

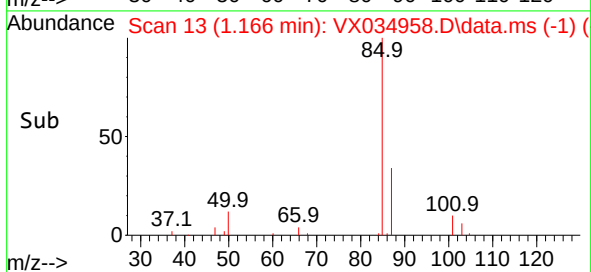
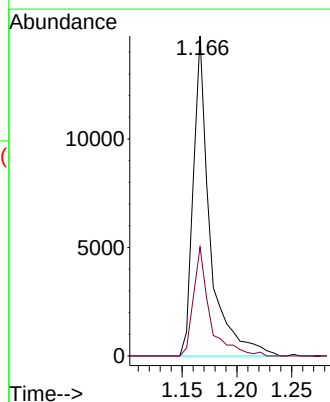
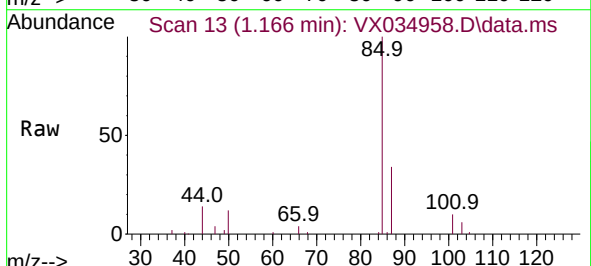
Manual Integrations
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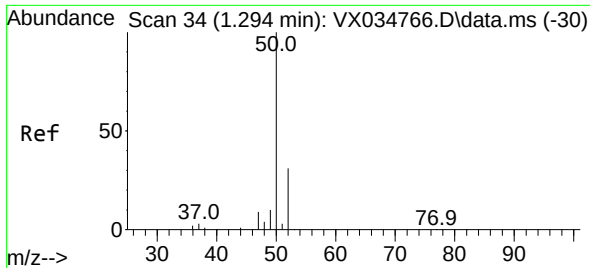
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#2
Dichlorodifluoromethane
Concen: 5.320 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

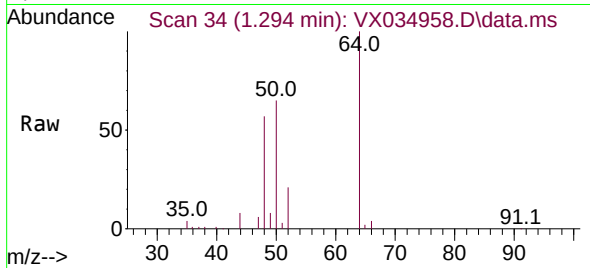
Tgt Ion: 85 Resp: 15610
Ion Ratio Lower Upper
85 100
87 34.0 16.0 48.0





#3
Chloromethane
Concen: 4.875 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

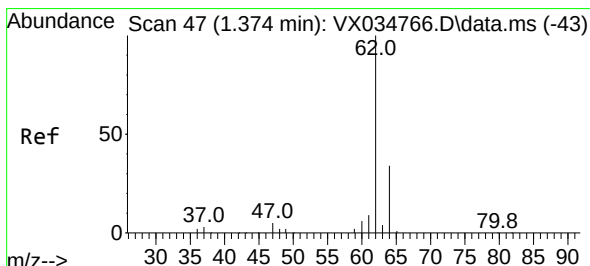
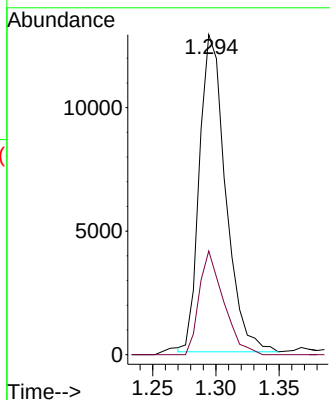
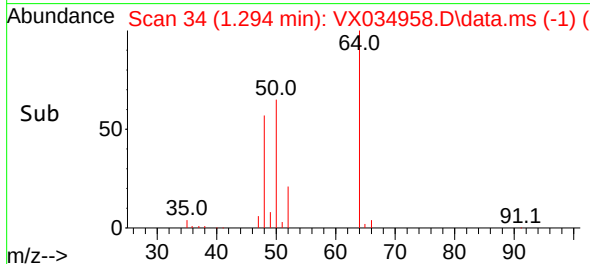
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023



Tgt Ion: 50 Resp: 18549
Ion Ratio Lower Upper
50 100
52 32.7 24.6 36.8

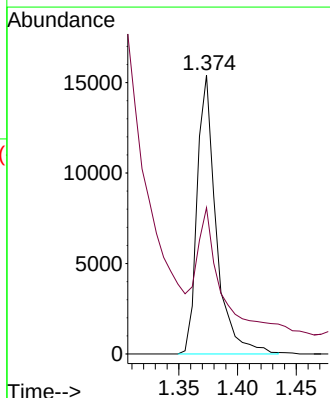
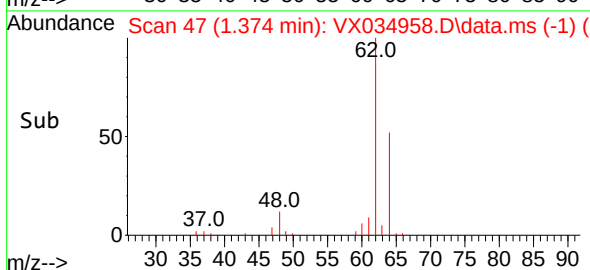
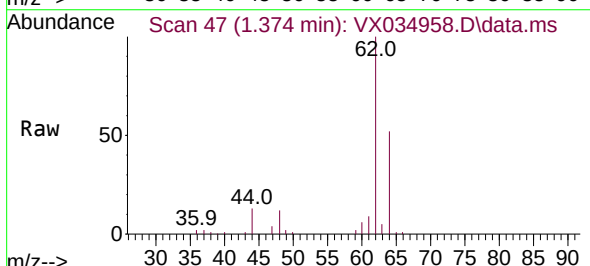
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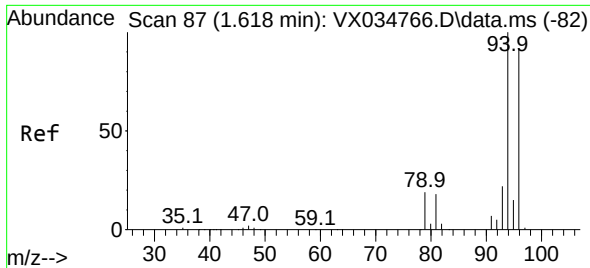
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#4
Vinyl Chloride
Concen: 4.638 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

Tgt Ion: 62 Resp: 17409
Ion Ratio Lower Upper
62 100
64 41.7 26.9 40.3#





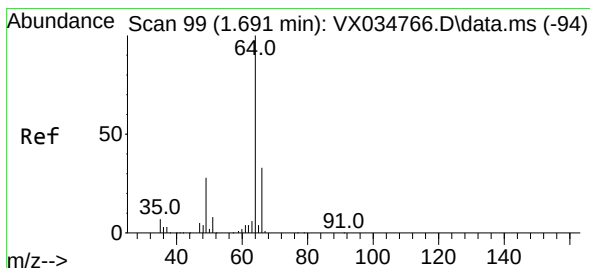
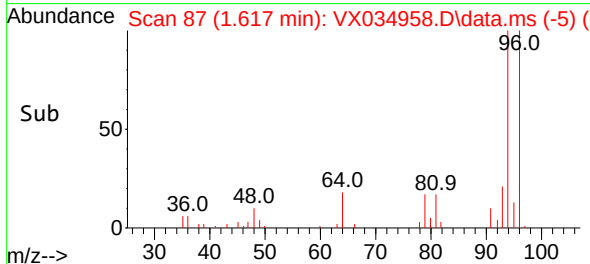
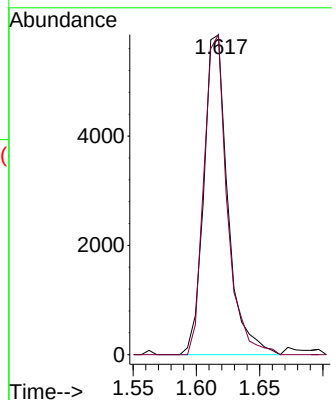
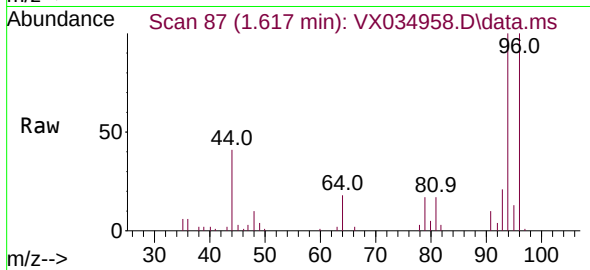
#5
Bromomethane
Concen: 3.127 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.001 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

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

Tgt Ion: 94 Resp: 7720
Ion Ratio Lower Upper
94 100
96 100.1 73.4 110.0

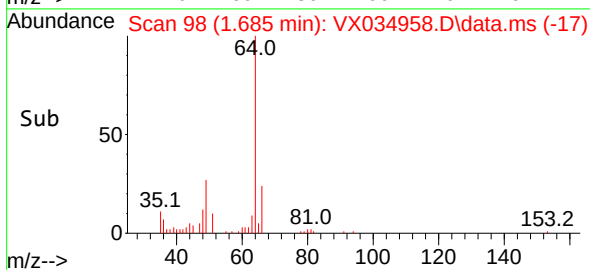
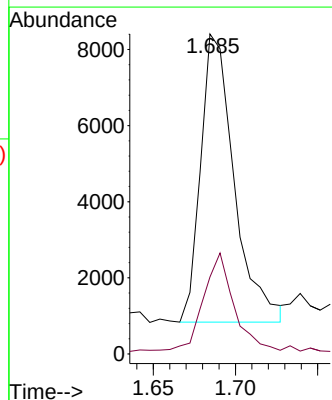
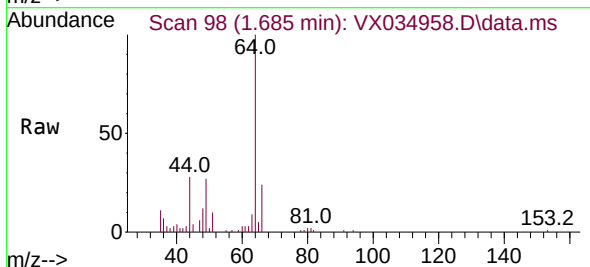
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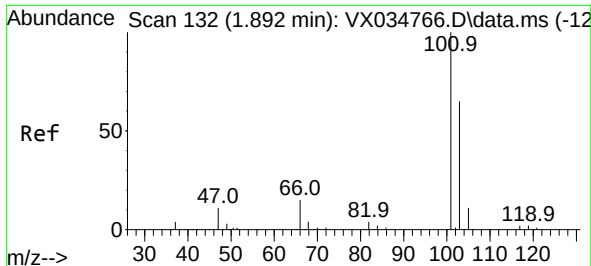
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#6
Chloroethane
Concen: 4.397 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX034958.D
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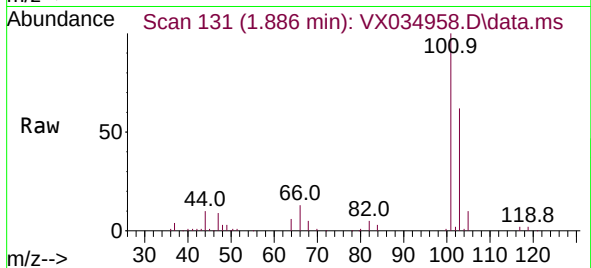
Tgt Ion: 64 Resp: 10742
Ion Ratio Lower Upper
64 100
66 25.4 26.6 40.0#





#7
Trichlorofluoromethane
Concen: 4.375 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

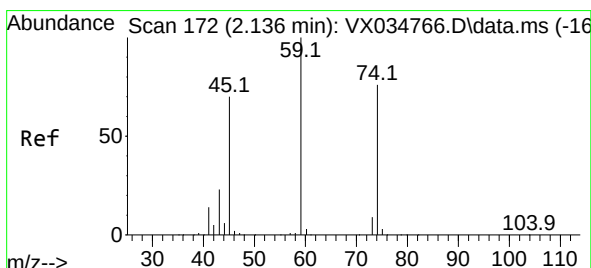
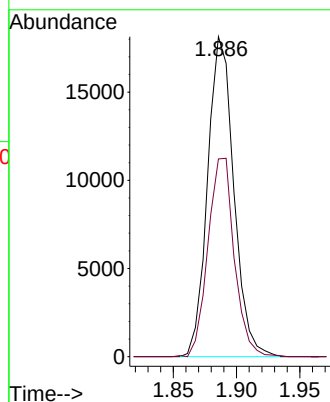
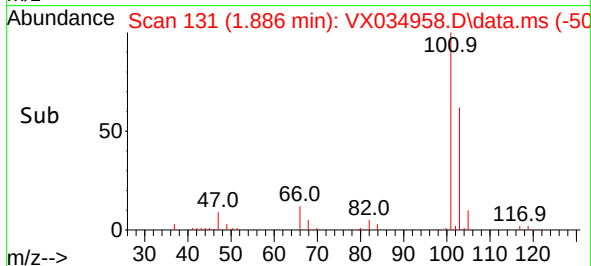
Instrument :
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Tgt Ion:101 Resp: 26158
Ion Ratio Lower Upper
101 100
103 61.5 52.1 78.1

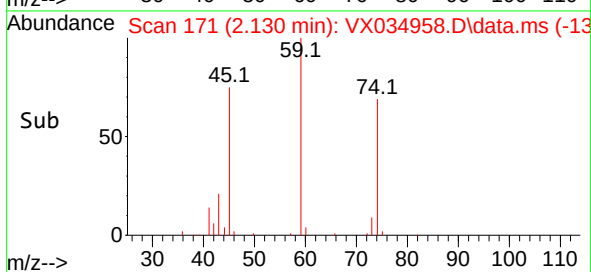
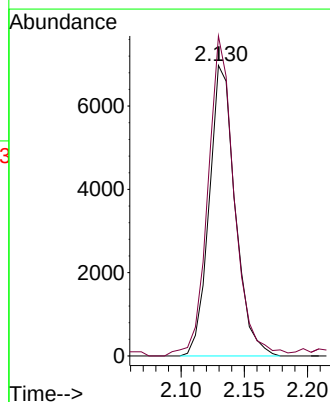
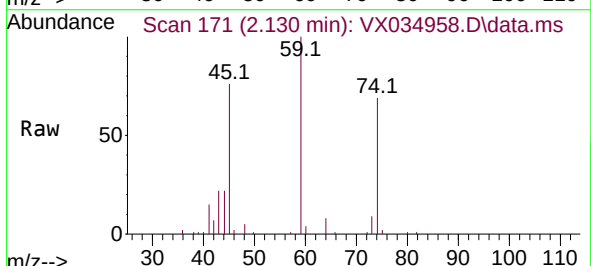
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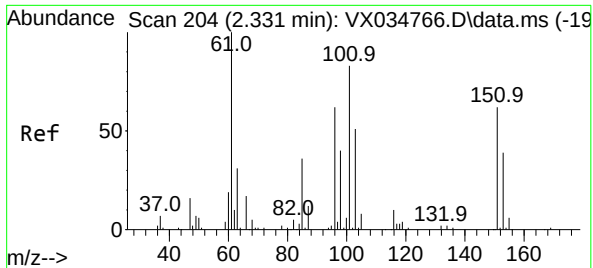
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#8
Diethyl Ether
Concen: 4.623 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

Tgt Ion: 74 Resp: 9952
Ion Ratio Lower Upper
74 100
45 111.7 20.5 184.5





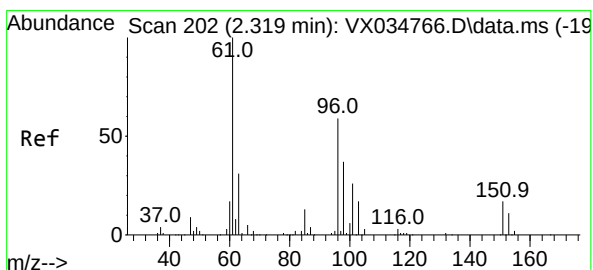
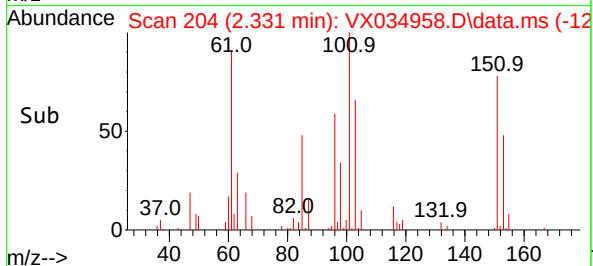
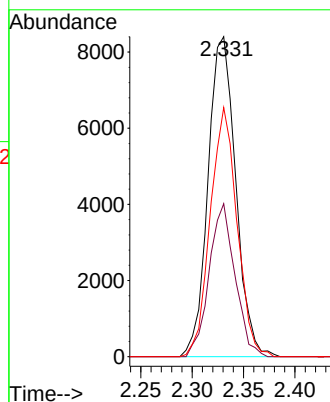
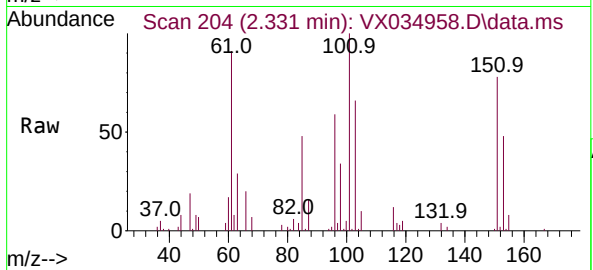
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.195 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

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

Tgt Ion:101 Resp: 15760
Ion Ratio Lower Upper
101 100
85 44.6 0.0 88.8
151 75.2 0.0 147.6

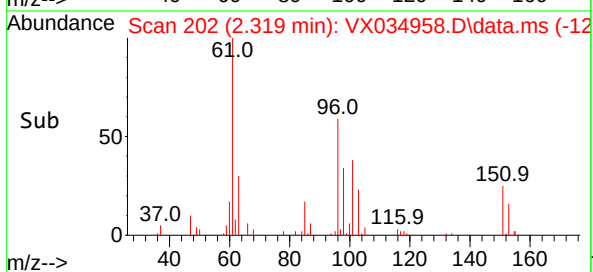
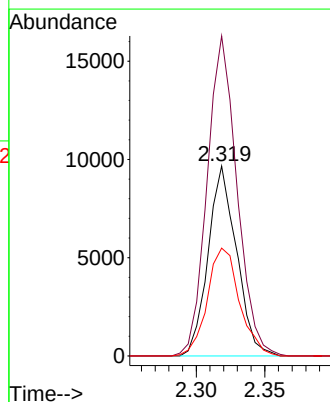
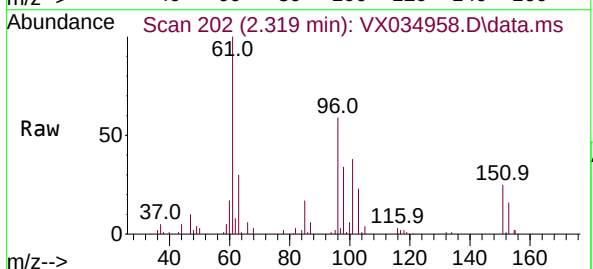
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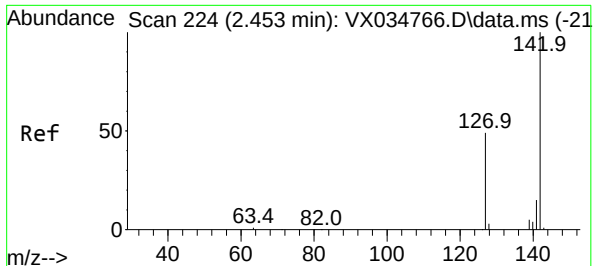
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#10
1,1-Dichloroethene
Concen: 4.552 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

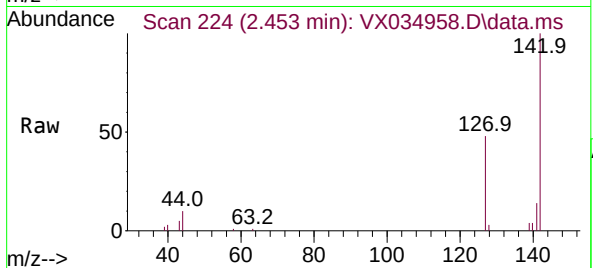
Tgt Ion: 96 Resp: 13979
Ion Ratio Lower Upper
96 100
61 167.6 135.8 203.6
98 56.8 49.8 74.6





#11
Methyl Iodide
Concen: 2.481 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

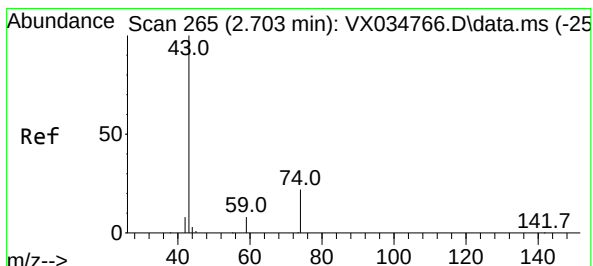
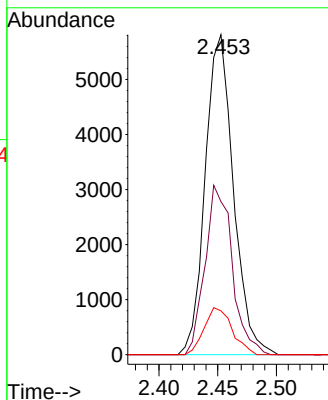
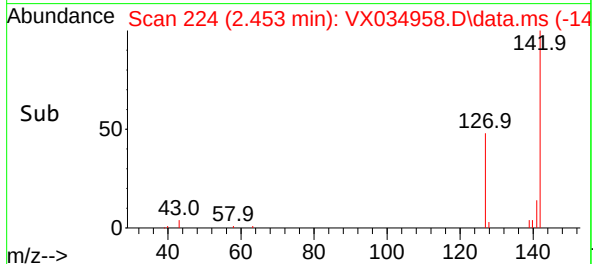
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:142 Resp: 9702
Ion Ratio Lower Upper
142 100
127 47.9 24.5 73.5
141 13.7 7.6 22.8

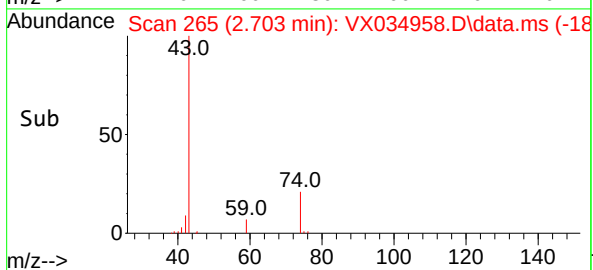
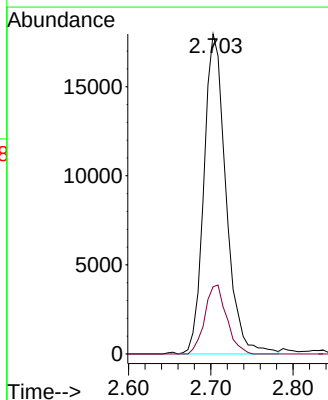
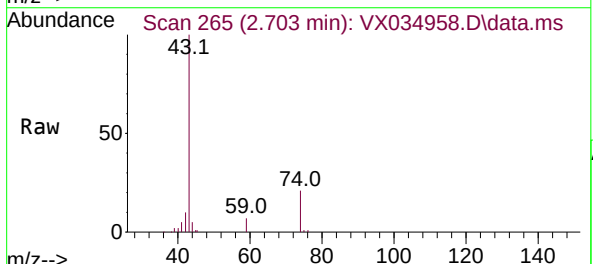
Manual Integrations
APPROVED

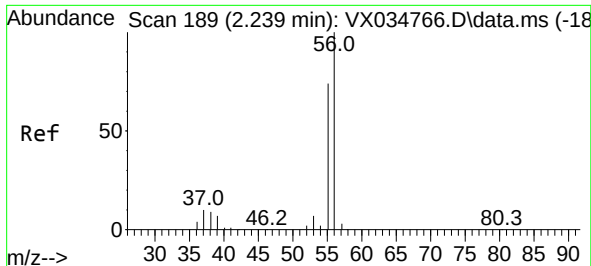
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#12
Methyl Acetate
Concen: 4.924 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

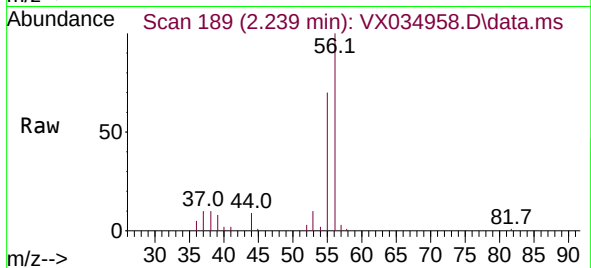
Tgt Ion: 43 Resp: 33484
Ion Ratio Lower Upper
43 100
74 21.1 18.0 27.0





#13
Acrolein
Concen: 18.661 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

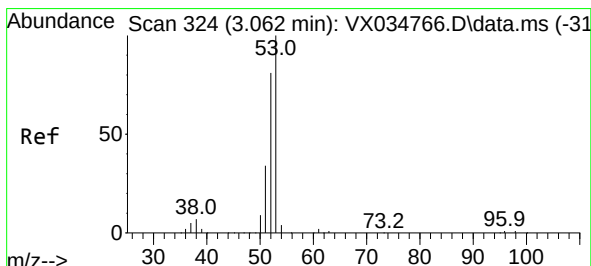
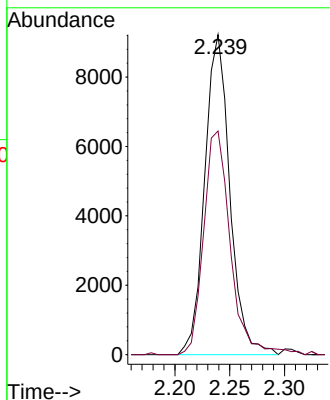
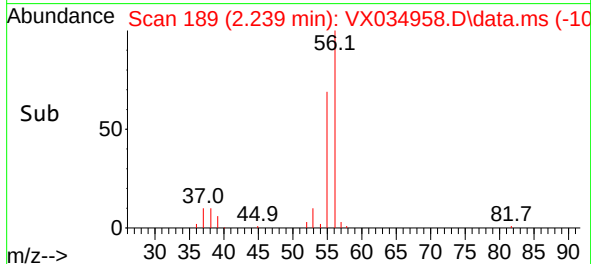
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 56 Resp: 14710
Ion Ratio Lower Upper
56 100
55 72.6 56.6 85.0

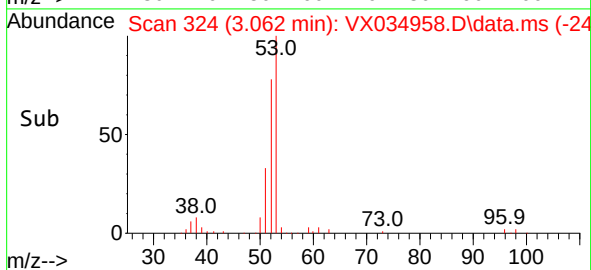
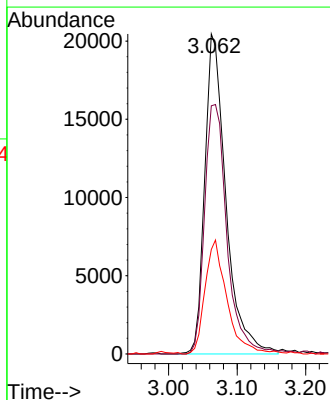
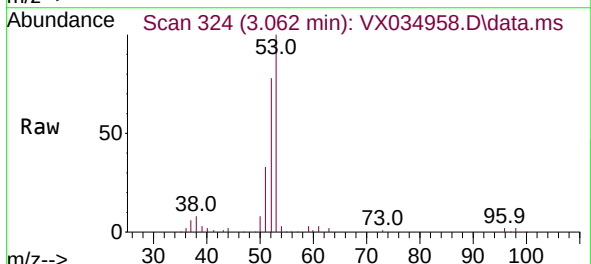
Manual Integrations
APPROVED

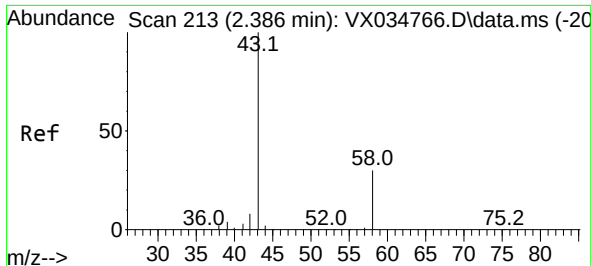
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#14
Acrylonitrile
Concen: 23.538 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

Tgt Ion: 53 Resp: 44076
Ion Ratio Lower Upper
53 100
52 81.8 41.3 123.7
51 36.6 17.9 53.7





#15

Acetone

Concen: 25.048 ug/l

RT: 2.392 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX034958.D

Acq: 06 Apr 2023 16:37

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 58 Resp: 12734

Ion Ratio Lower Upper

58 100

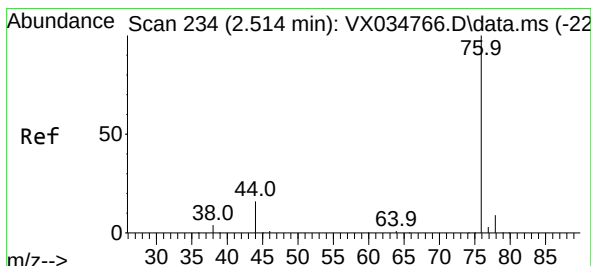
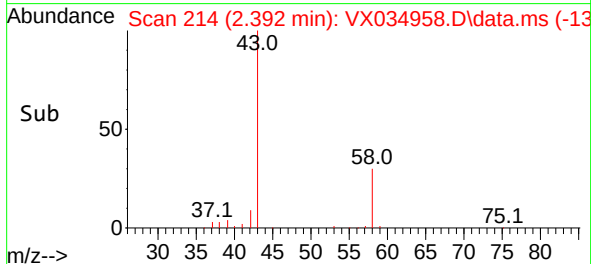
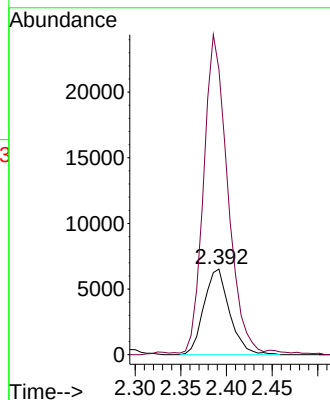
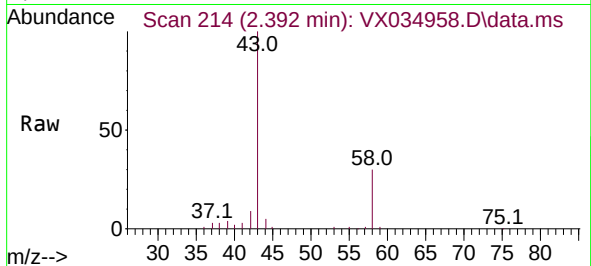
43 331.4 270.8 406.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#16

Carbon Disulfide

Concen: 3.901 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX034958.D

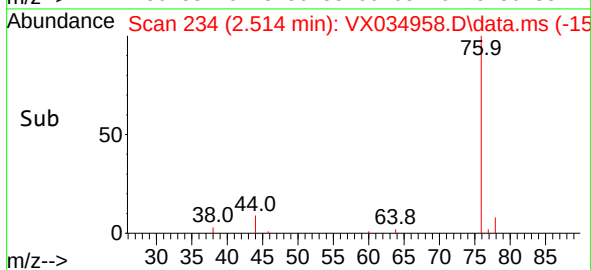
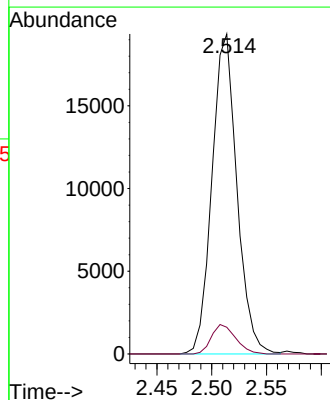
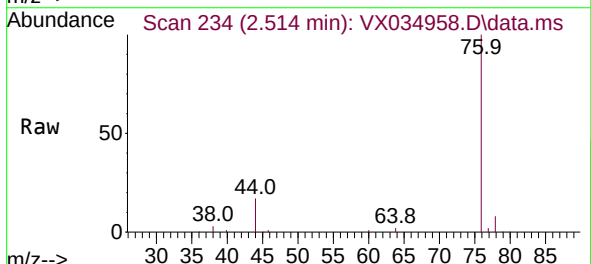
Acq: 06 Apr 2023 16:37

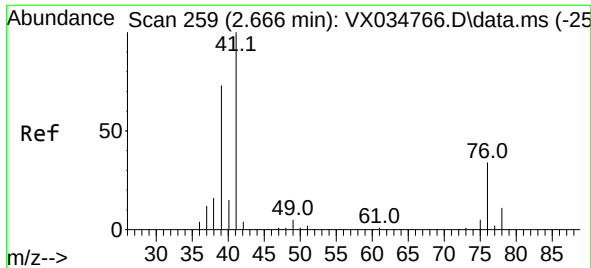
Tgt Ion: 76 Resp: 30639

Ion Ratio Lower Upper

76 100

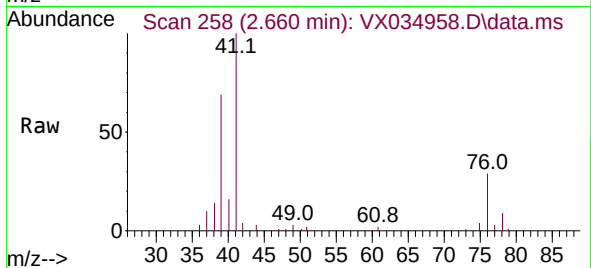
78 8.4 7.0 10.6





#17
 Allyl chloride
 Concen: 4.419 ug/l
 RT: 2.660 min Scan# 259
 Delta R.T. -0.006 min
 Lab File: VX034958.D
 Acq: 06 Apr 2023 16:37

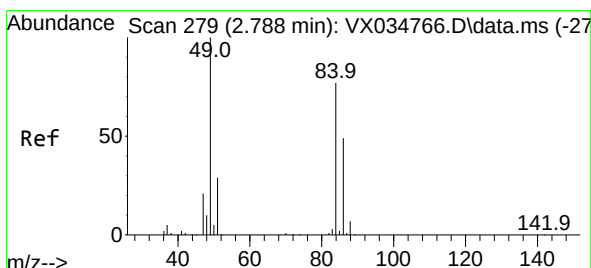
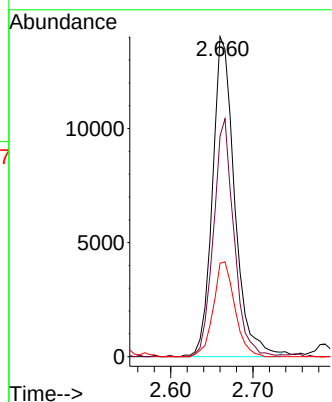
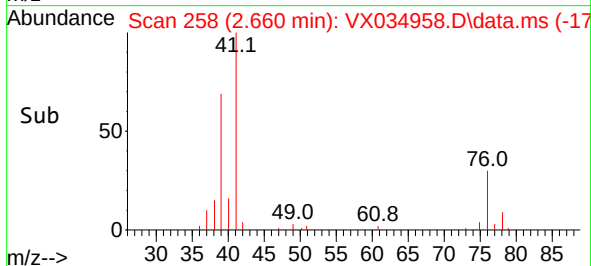
Instrument : MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2023



Tgt Ion: 41 Resp: 2626
 Ion Ratio Lower Upper
 41 100
 39 68.9 36.4 109.3
 76 29.2 17.0 51.0

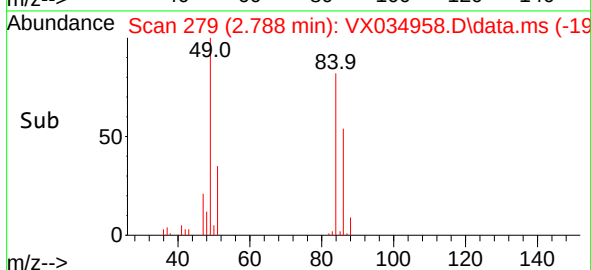
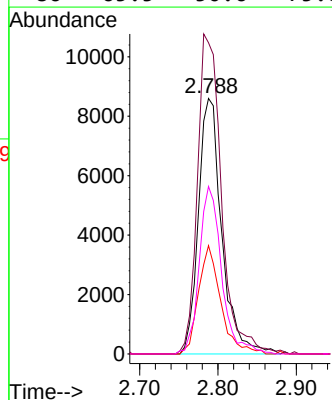
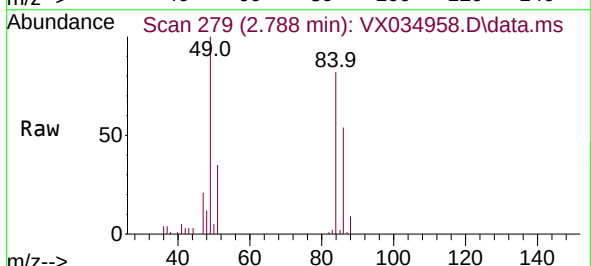
Manual Integrations
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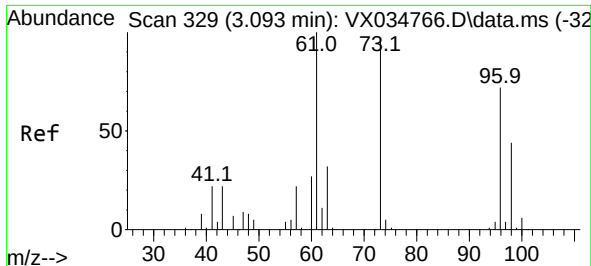
Reviewed By :John Carlone 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023



#18
 Methylene Chloride
 Concen: 4.940 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX034958.D
 Acq: 06 Apr 2023 16:37

Tgt Ion: 84 Resp: 17868
 Ion Ratio Lower Upper
 84 100
 49 120.6 103.9 155.9
 51 42.4 30.6 45.8
 86 65.5 50.6 75.8





#19

trans-1,2-Dichloroethene

Concen: 4.630 ug/l

RT: 3.093 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX034958.D

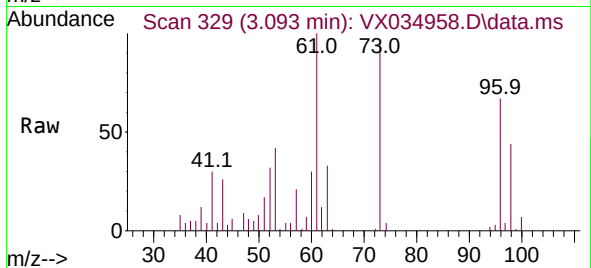
Acq: 06 Apr 2023 16:37

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023



Tgt Ion: 96 Resp: 1555

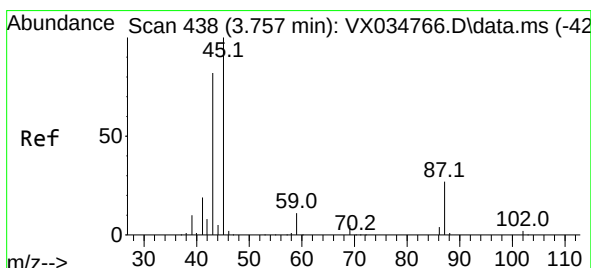
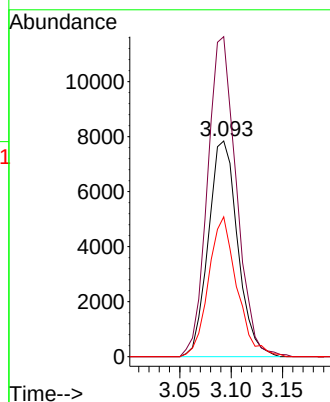
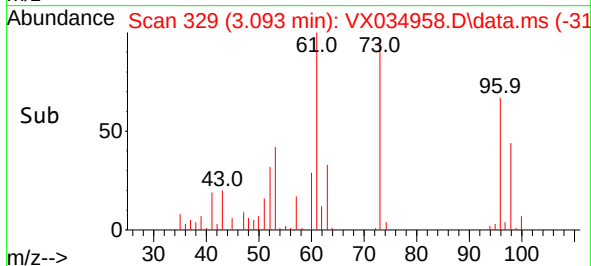
Ion	Ratio	Lower	Upper
96	100		
61	148.4	111.1	166.7
98	64.8	48.6	72.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#20

Diisopropyl ether

Concen: 4.650 ug/l

RT: 3.757 min Scan# 438

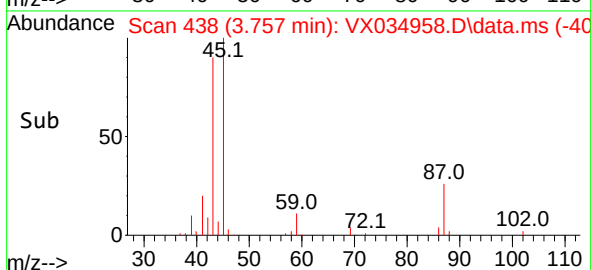
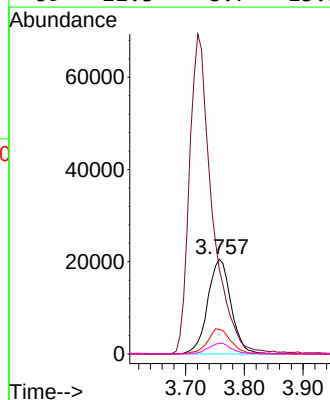
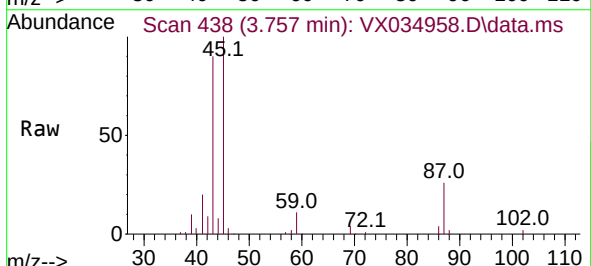
Delta R.T. 0.000 min

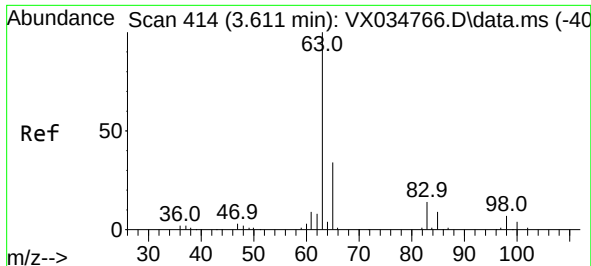
Lab File: VX034958.D

Acq: 06 Apr 2023 16:37

Tgt Ion: 45 Resp: 56606

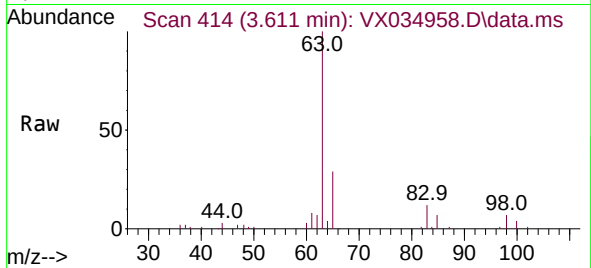
Ion	Ratio	Lower	Upper
45	100		
43	87.6	66.0	99.0
87	25.8	21.8	32.6
59	11.3	8.7	13.1





#21
1,1-Dichloroethane
Concen: 4.736 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

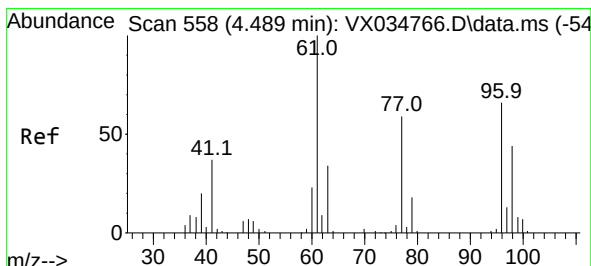
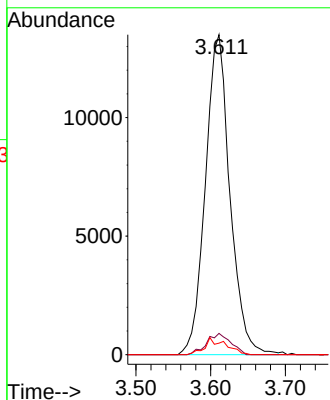
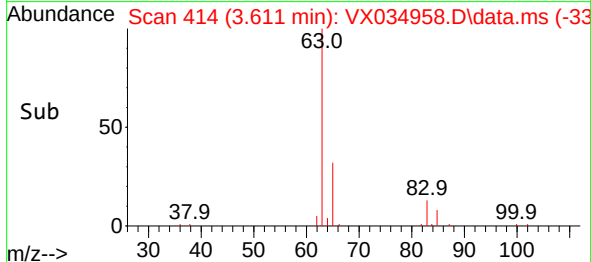
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023



Tgt Ion: 63 Resp: 30829
Ion Ratio Lower Upper
63 100
98 6.7 3.5 10.6
100 3.6 2.2 6.6

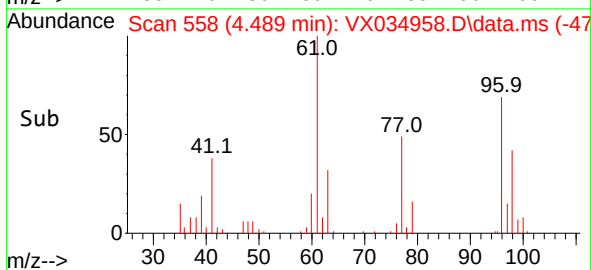
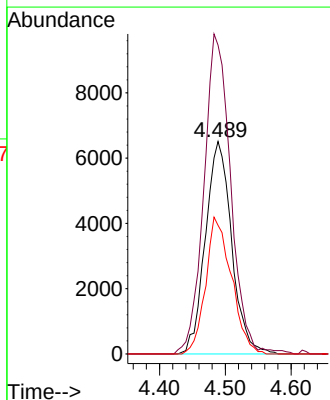
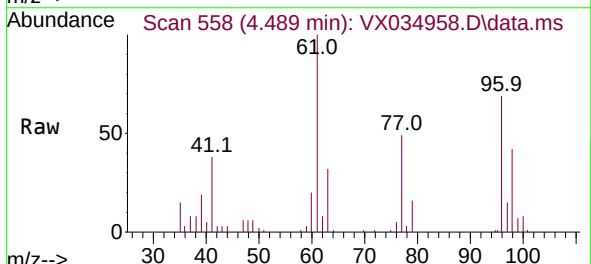
Manual Integrations
APPROVED

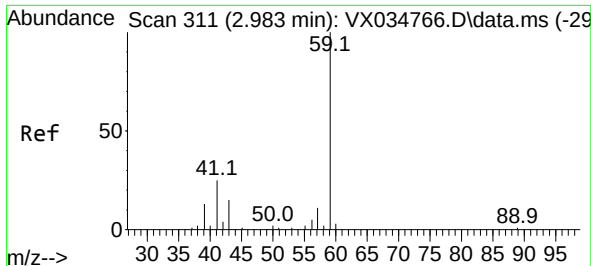
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#22
cis-1,2-Dichloroethene
Concen: 4.635 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

Tgt Ion: 96 Resp: 18139
Ion Ratio Lower Upper
96 100
61 151.5 121.7 182.5
98 63.0 52.2 78.2





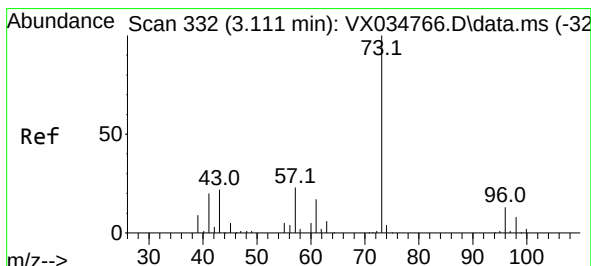
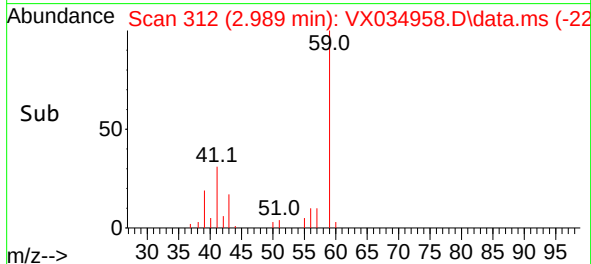
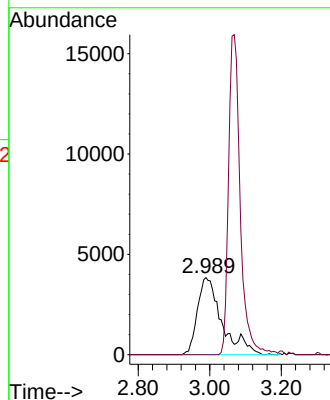
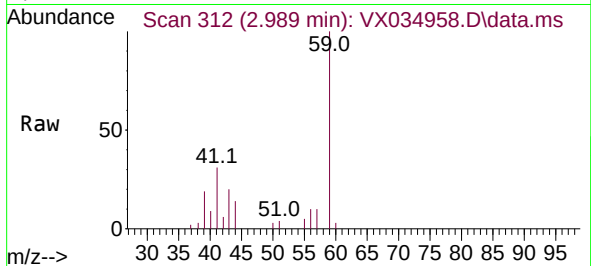
#23
tert-Butyl Alcohol
Concen: 21.613 ug/l m
RT: 2.989 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

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

Tgt Ion: 59 Resp: 18210
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4

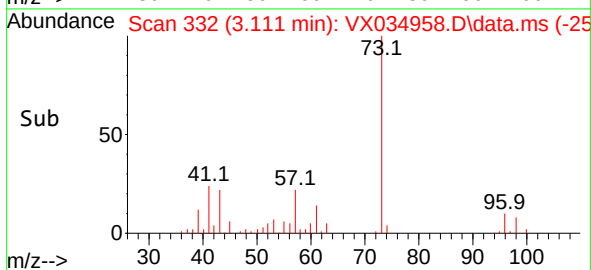
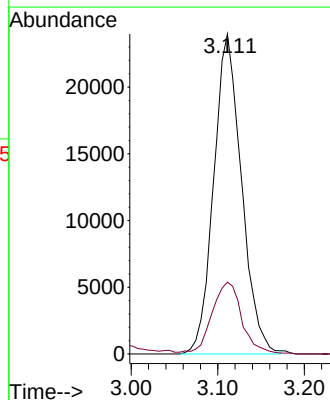
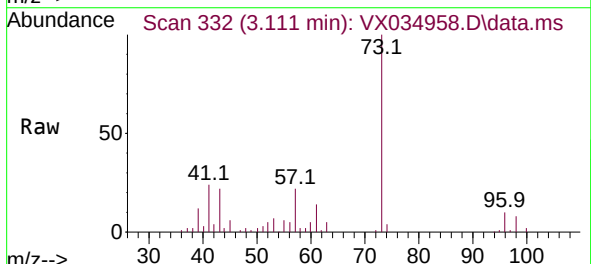
Manual Integrations
APPROVED

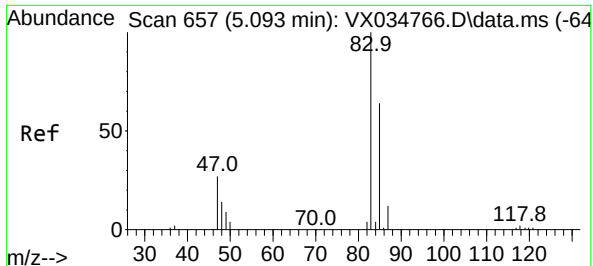
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#24
Methyl tert-Butyl Ether
Concen: 4.686 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

Tgt Ion: 73 Resp: 53469
Ion Ratio Lower Upper
73 100
43 24.1 17.9 26.9





#25

Chloroform

Concen: 4.727 ug/l

RT: 5.086 min Scan# 61

Delta R.T. -0.007 min

Lab File: VX034958.D

Acq: 06 Apr 2023 16:37

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 83 Resp: 31298

Ion Ratio Lower Upper

83 100

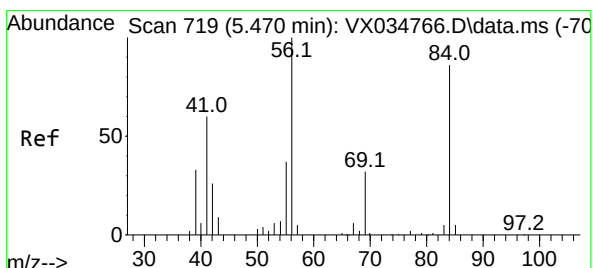
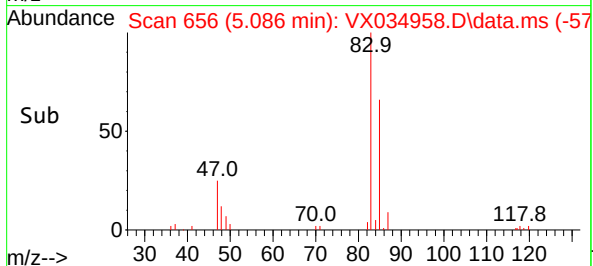
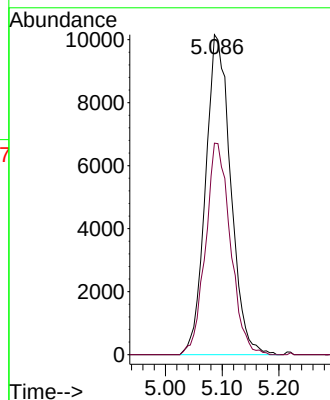
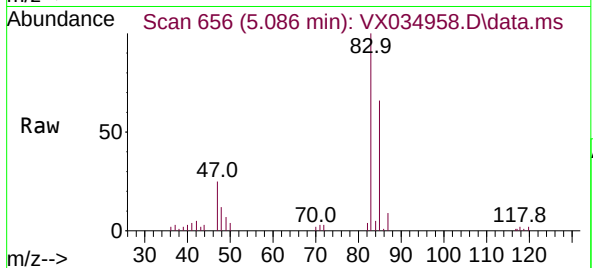
85 66.1 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#26

Cyclohexane

Concen: 4.675 ug/l

RT: 5.470 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX034958.D

Acq: 06 Apr 2023 16:37

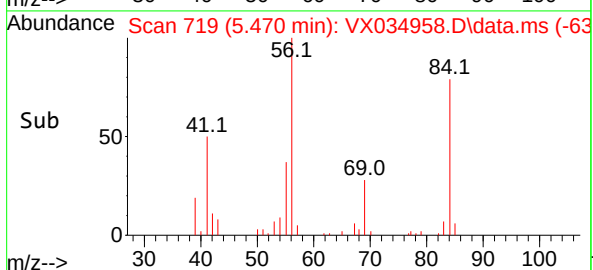
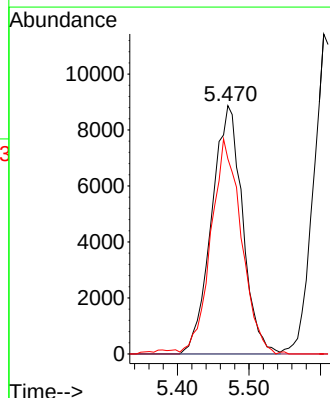
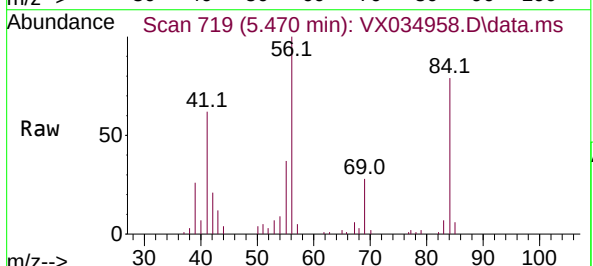
Tgt Ion: 56 Resp: 26666

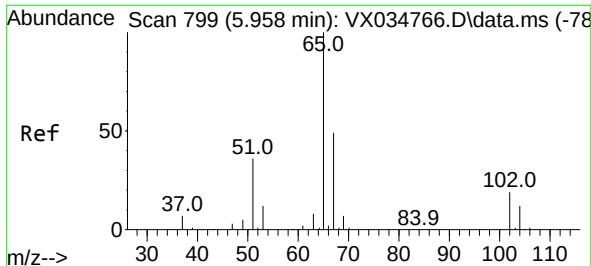
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 85.0 67.4 101.2





#27

1,2-Dichloroethane-d4

Concen: 29.589 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX034958.D

Acq: 06 Apr 2023 16:37

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 65 Resp: 87954

Ion Ratio Lower Upper

65 100

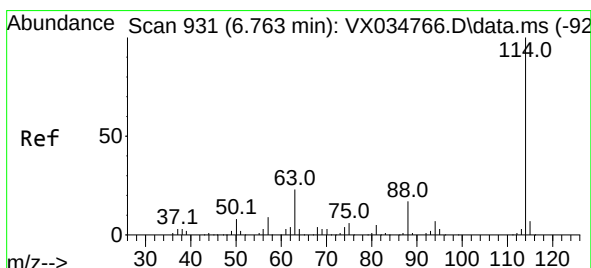
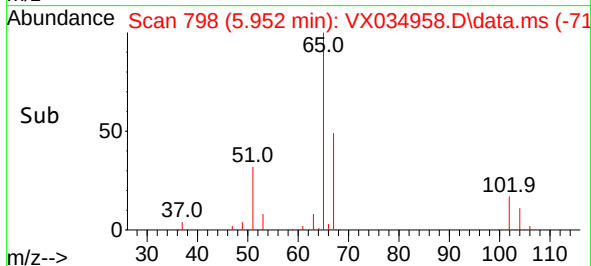
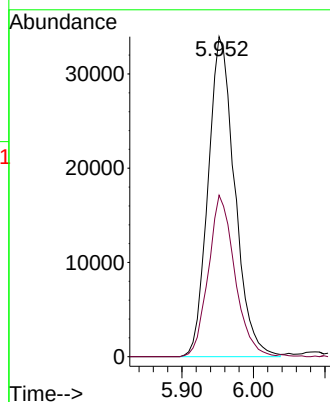
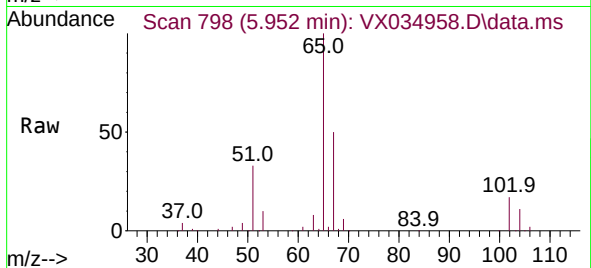
67 50.0 40.9 61.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX034958.D

Acq: 06 Apr 2023 16:37

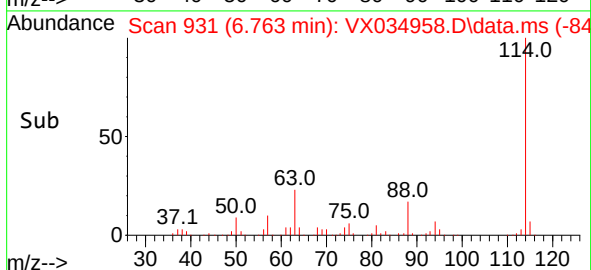
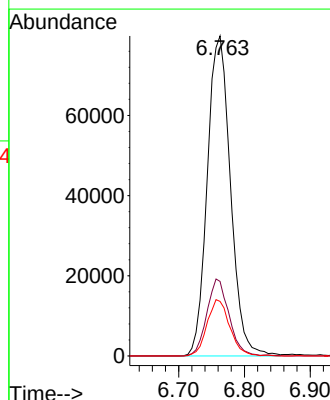
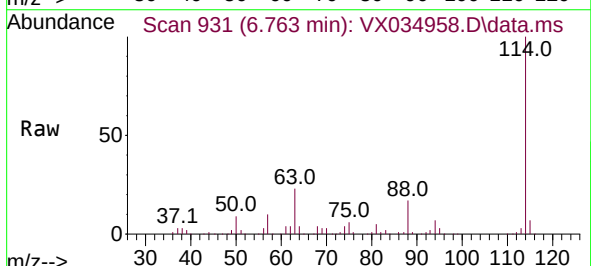
Tgt Ion:114 Resp: 196429

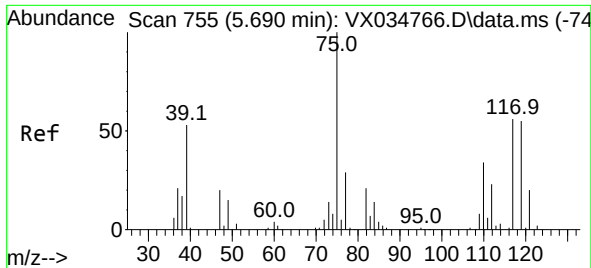
Ion Ratio Lower Upper

114 100

63 22.8 18.0 27.0

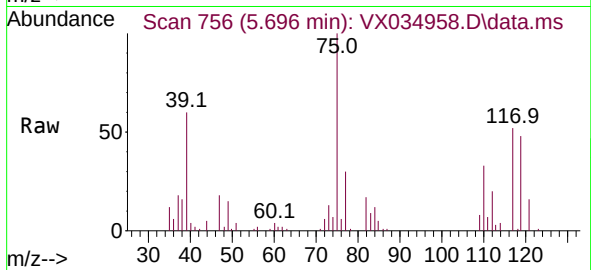
88 17.1 13.3 19.9





#29
1,1-Dichloropropene
Concen: 5.065 ug/l
RT: 5.696 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

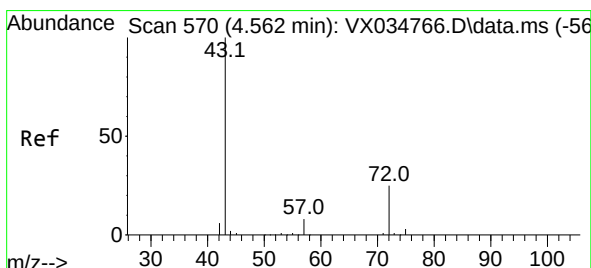
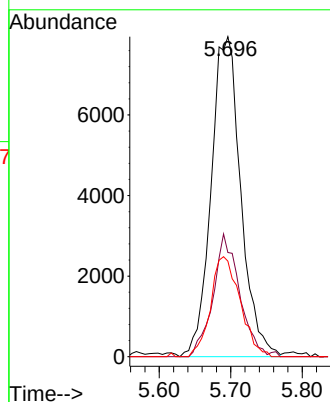
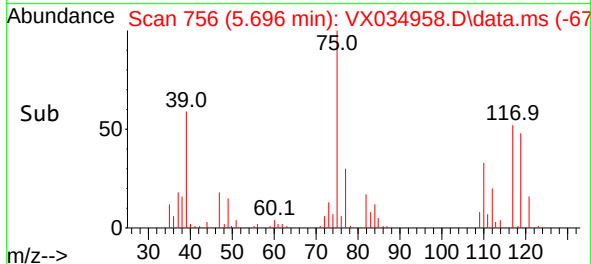
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 75	Resp: 22884
Ion Ratio	Lower Upper
75 100	
110 34.1	0.0 71.4
77 31.0	0.0 61.6

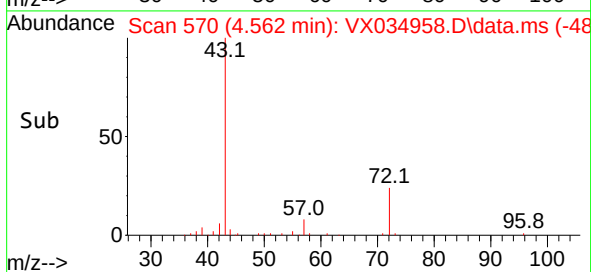
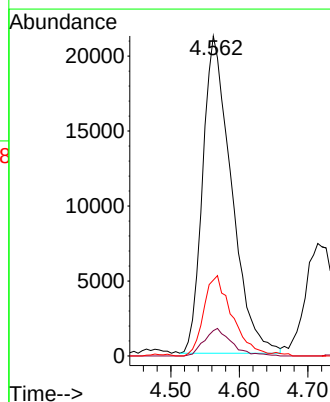
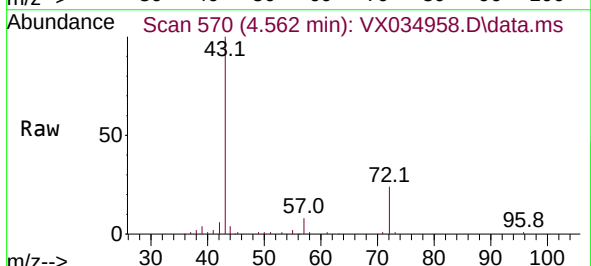
Manual Integrations
APPROVED

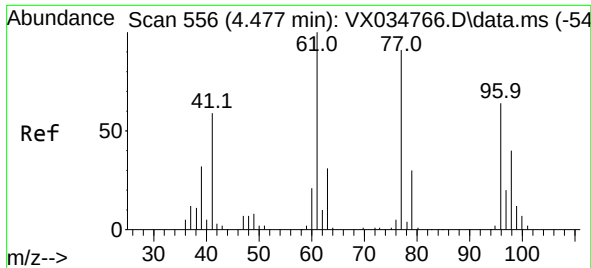
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#30
2-Butanone
Concen: 24.508 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

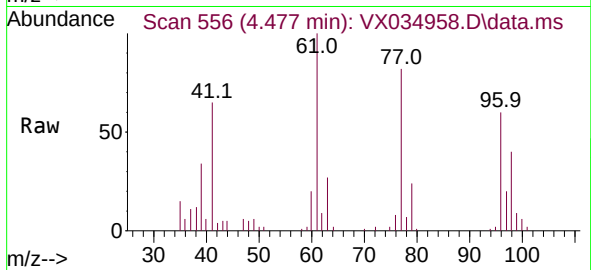
Tgt Ion: 43	Resp: 61750
Ion Ratio	Lower Upper
43 100	
57 7.9	6.3 9.5
72 25.1	19.6 29.4





#31
2,2-Dichloropropane
Concen: 4.523 ug/l
RT: 4.477 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

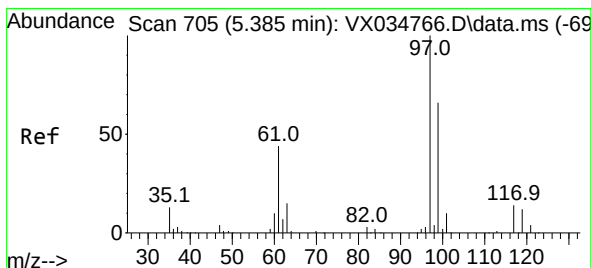
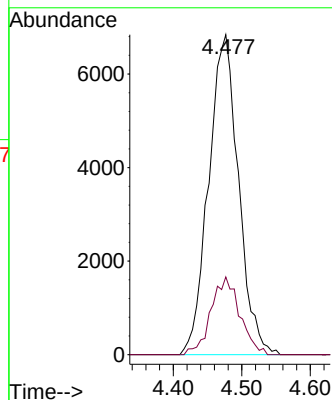
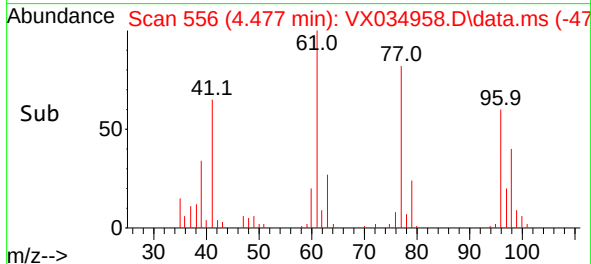
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



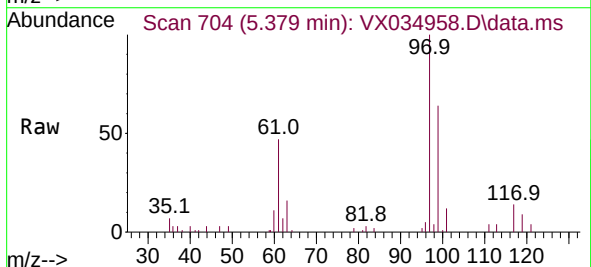
Tgt Ion: 77 Resp: 20725
Ion Ratio Lower Upper
77 100
97 23.0 18.2 27.4

Manual Integrations
APPROVED

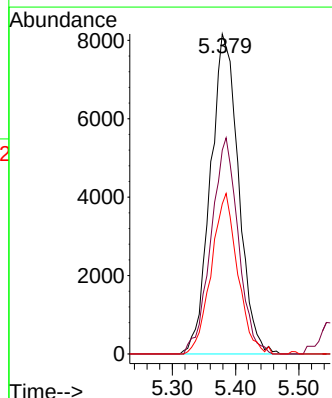
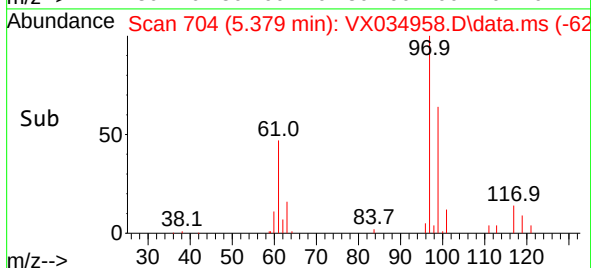
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

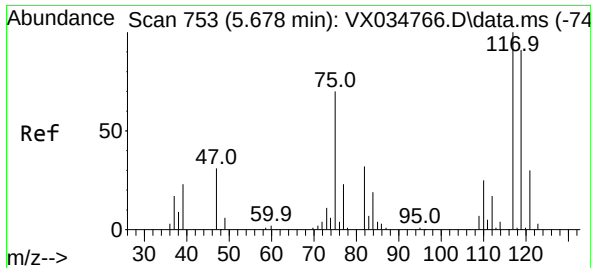


#32
1,1,1-Trichloroethane
Concen: 4.744 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37



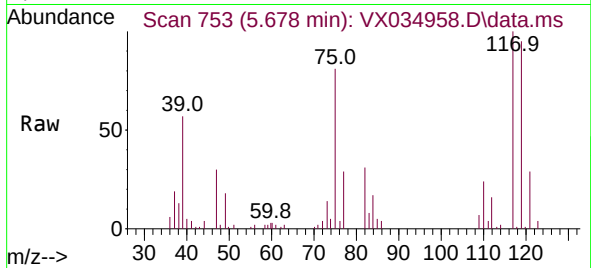
Tgt Ion: 97 Resp: 25141
Ion Ratio Lower Upper
97 100
99 65.4 51.3 76.9
61 46.9 36.6 55.0





#33
Carbon Tetrachloride
Concen: 4.759 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

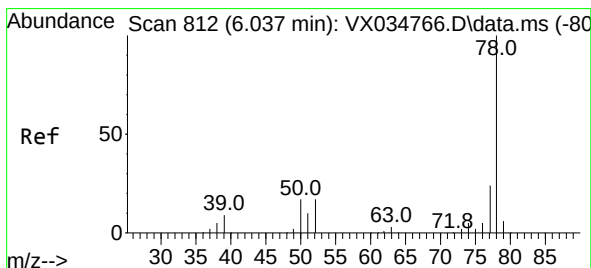
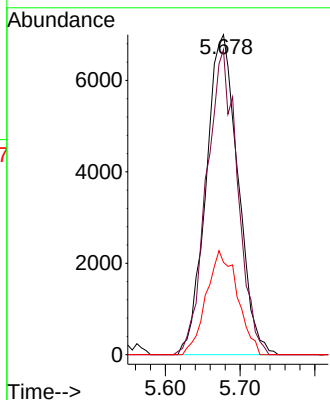
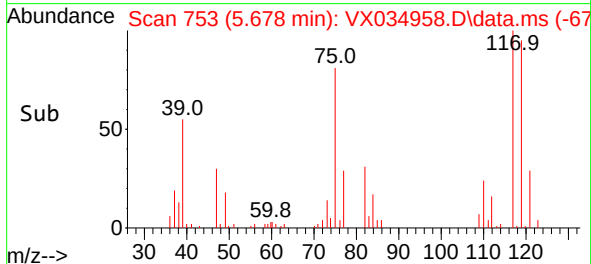
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023



Tgt Ion: 117 Resp: 20818
Ion Ratio Lower Upper
117 100
119 95.3 73.3 109.9
121 28.8 24.0 36.0

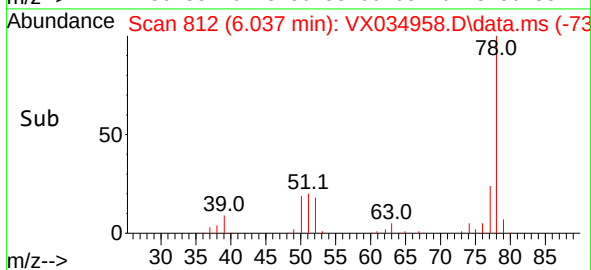
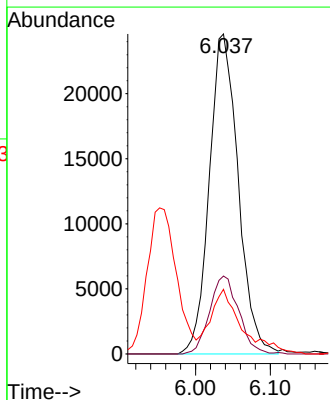
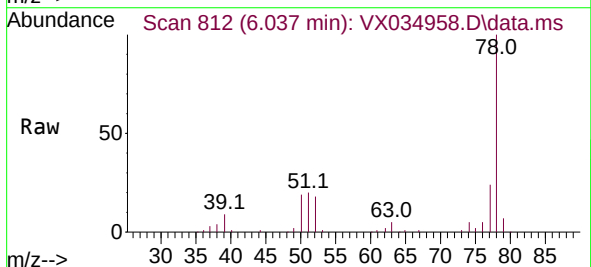
Manual Integrations
APPROVED

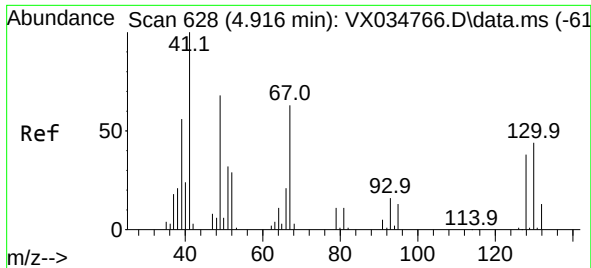
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#34
Benzene
Concen: 5.027 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

Tgt Ion: 78 Resp: 65997
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.4
51 18.2 14.6 21.8





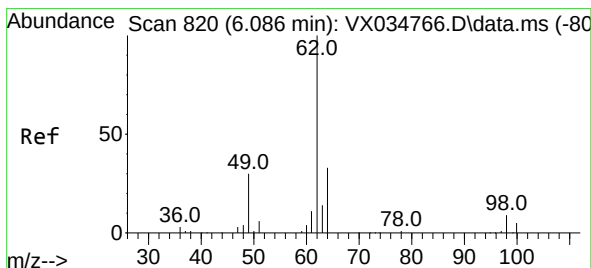
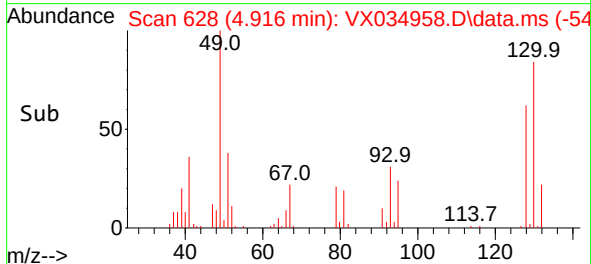
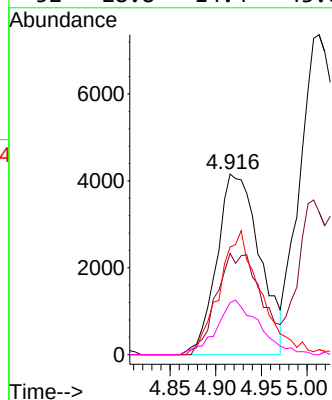
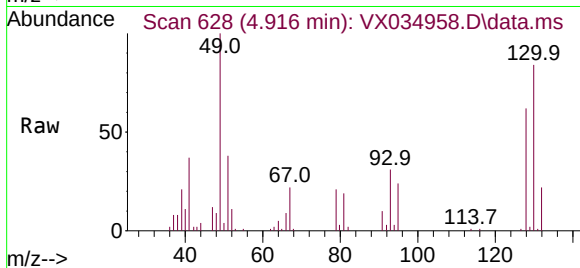
#35
Methacrylonitrile
Concen: 4.929 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

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

Tgt Ion: 41	Resp: 1359
Ion Ratio	Lower Upper
41 100	
39 56.0	28.0 84.0
67 59.6	31.6 94.7
52 28.8	14.4 43.0

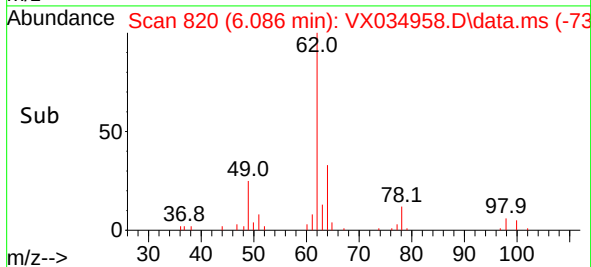
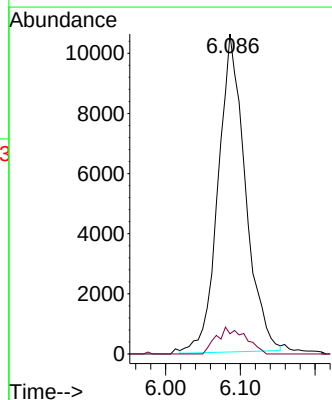
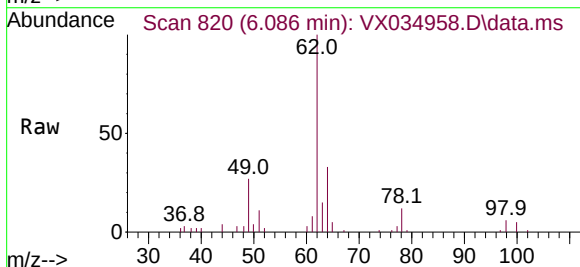
Manual Integrations
APPROVED

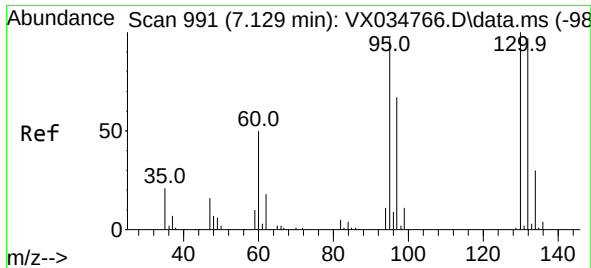
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#36
1,2-Dichloroethane
Concen: 5.198 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

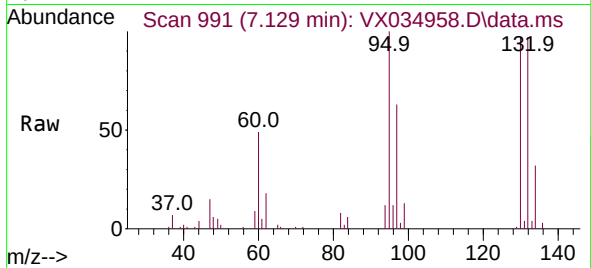
Tgt Ion: 62	Resp: 26756
Ion Ratio	Lower Upper
62 100	
98 6.6	7.0 10.6#





#37
Trichloroethene
Concen: 4.807 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

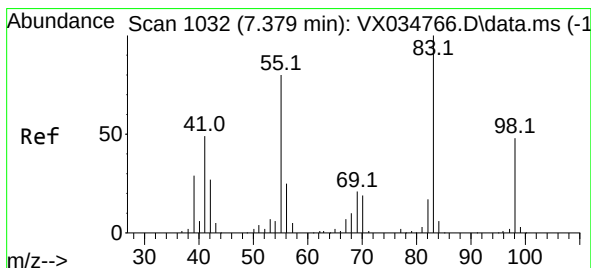
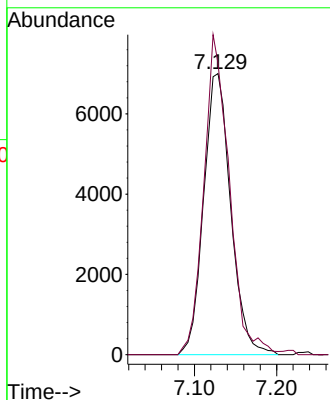
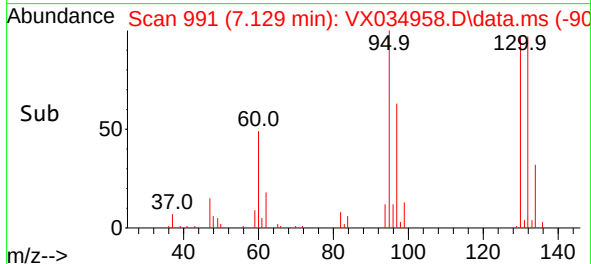
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



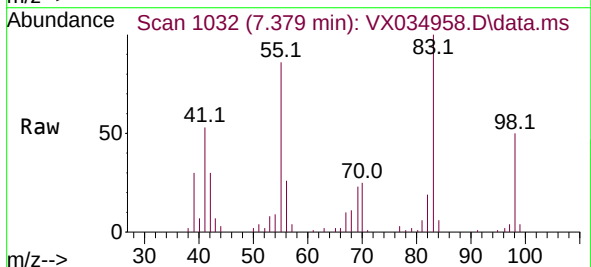
Tgt Ion:130 Resp: 16062
Ion Ratio Lower Upper
130 100
95 103.6 77.8 116.6

Manual Integrations
APPROVED

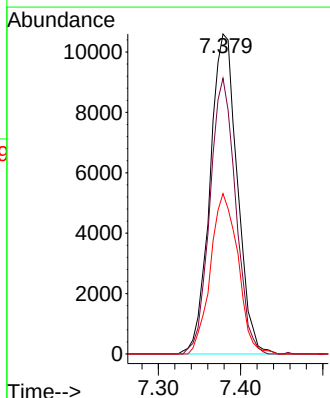
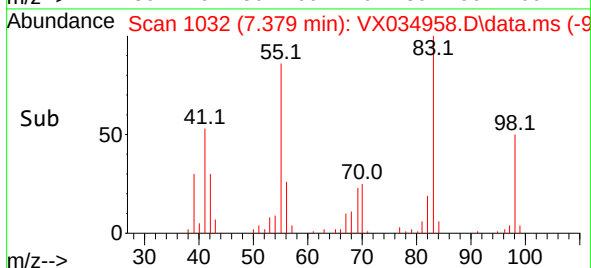
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

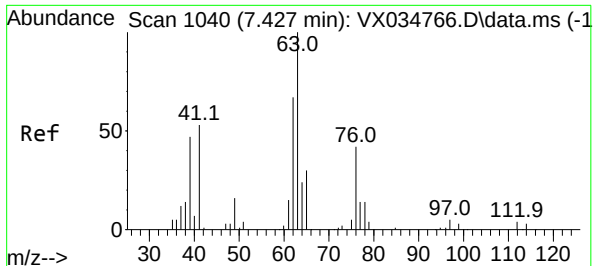


#38
Methylcyclohexane
Concen: 4.944 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37



Tgt Ion: 83 Resp: 24405
Ion Ratio Lower Upper
83 100
55 81.4 38.8 116.4
98 50.4 23.8 71.2





#39

1,2-Dichloropropane

Concen: 4.802 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034958.D

Acq: 06 Apr 2023 16:37

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 63 Resp: 1638

Ion Ratio Lower Upper

63 100

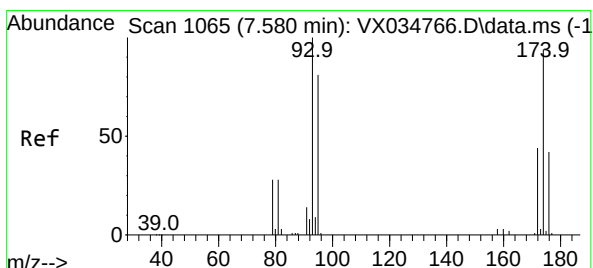
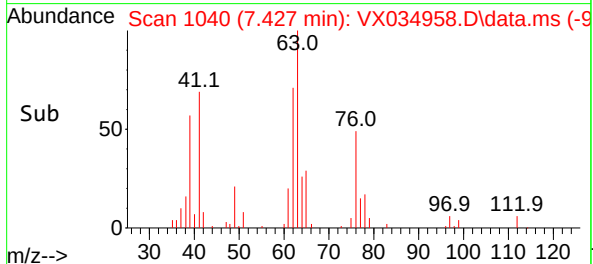
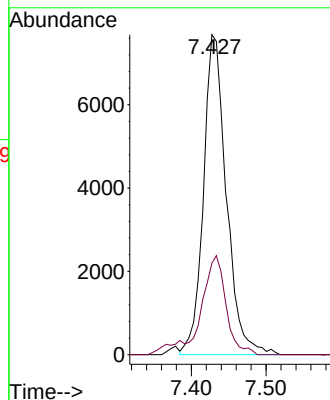
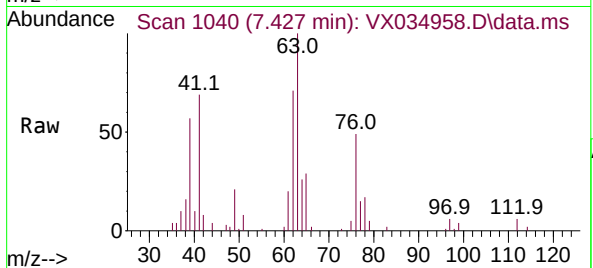
65 28.6 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#40

Dibromomethane

Concen: 5.002 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX034958.D

Acq: 06 Apr 2023 16:37

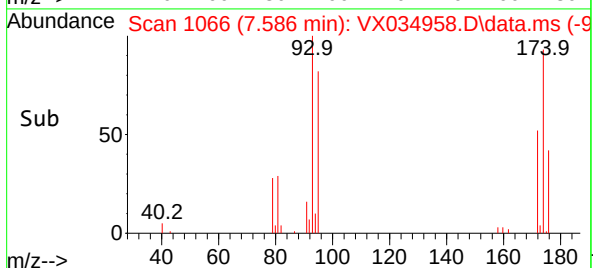
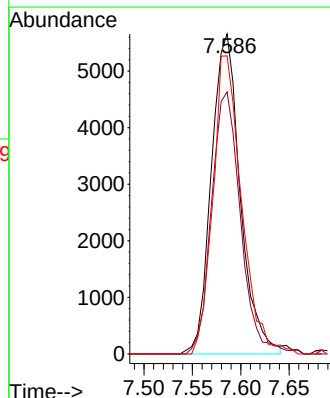
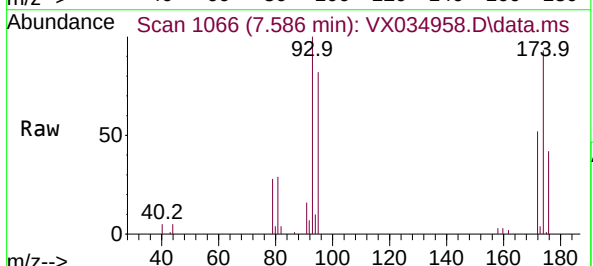
Tgt Ion: 93 Resp: 11726

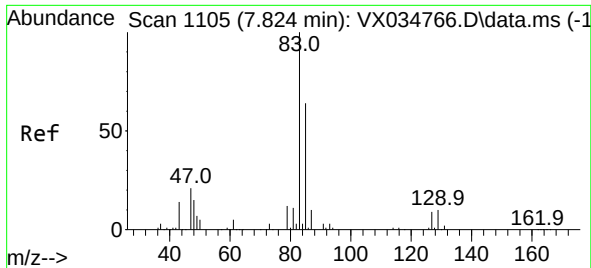
Ion Ratio Lower Upper

93 100

95 80.9 0.0 165.8

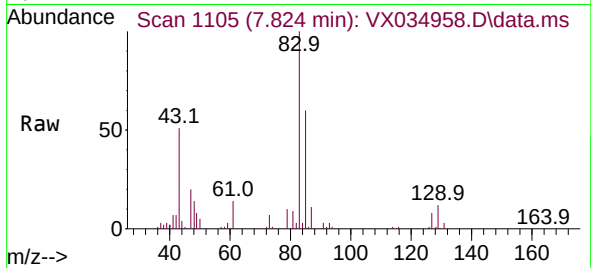
174 91.7 0.0 188.8





#41
Bromodichloromethane
Concen: 4.575 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

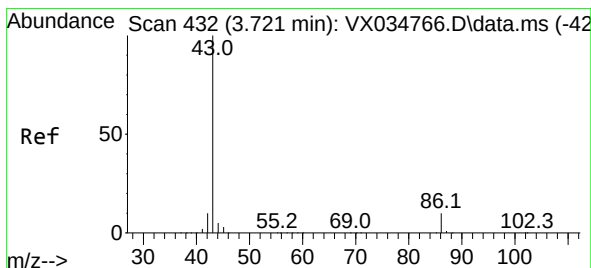
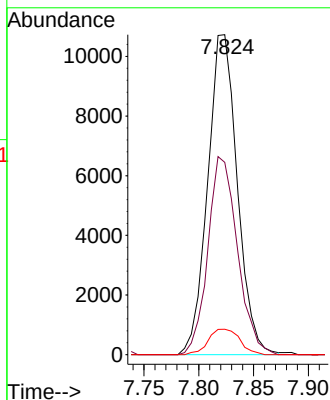
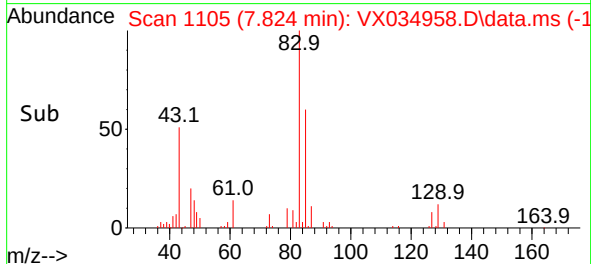
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023



Tgt Ion: 83 Resp: 2020
Ion Ratio Lower Upper
83 100
85 60.1 51.1 76.7
127 8.0 8.2 12.4

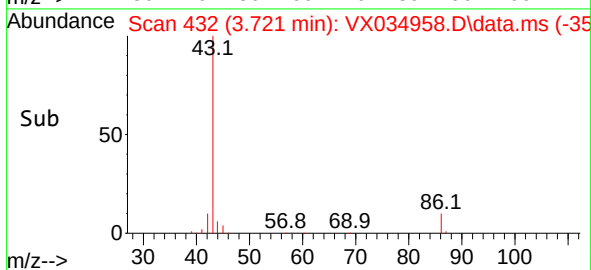
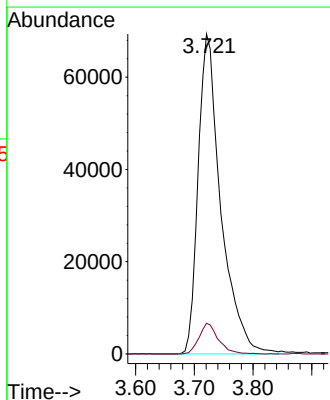
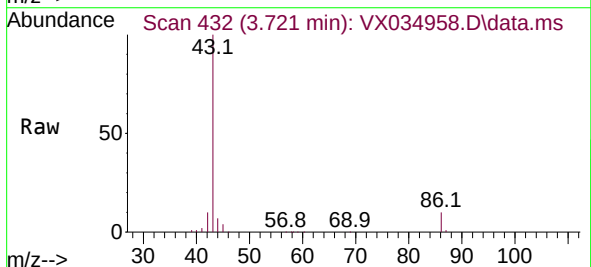
Manual Integrations
APPROVED

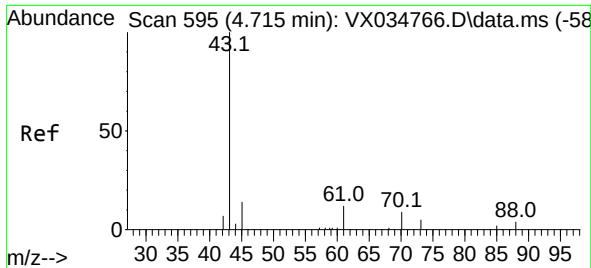
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#42
Vinyl Acetate
Concen: 22.669 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

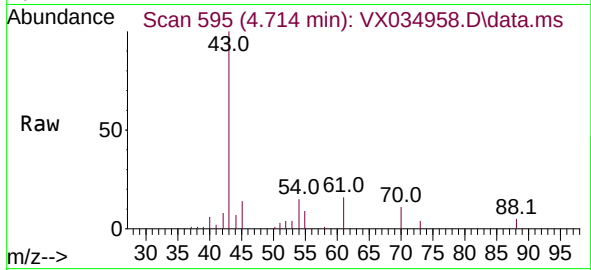
Tgt Ion: 43 Resp: 186329
Ion Ratio Lower Upper
43 100
86 8.2 6.9 10.3





#43
Ethyl Acetate
Concen: 4.337 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.001 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

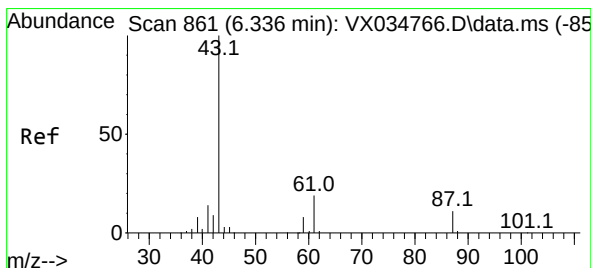
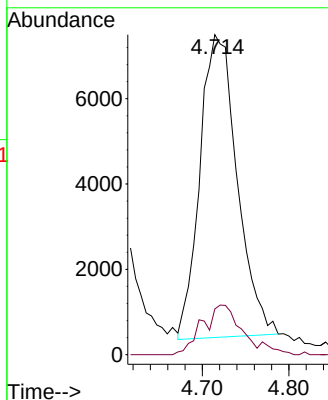
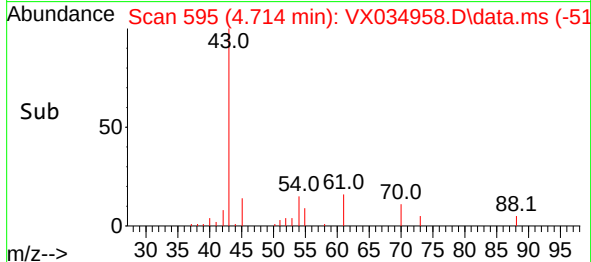
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023



Tgt Ion: 43 Resp: 2119
Ion Ratio Lower Upper
43 100
45 11.4 12.0 18.0

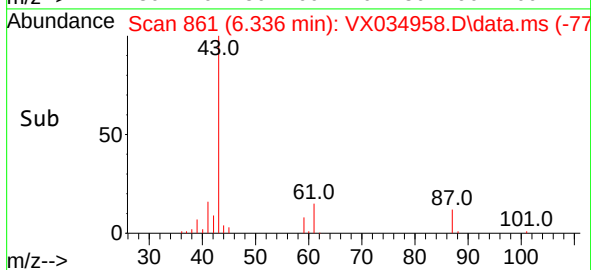
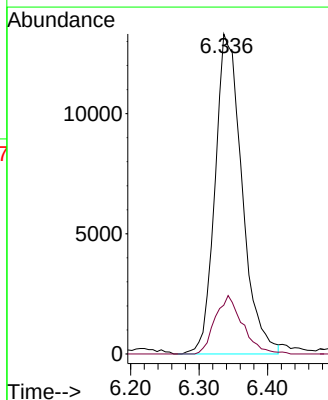
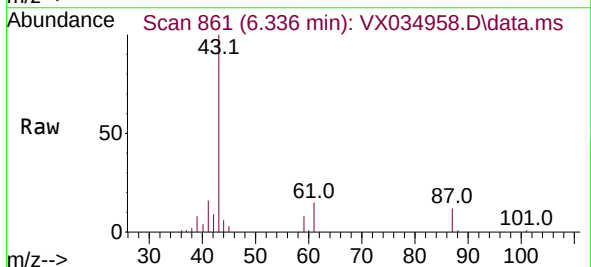
Manual Integrations
APPROVED

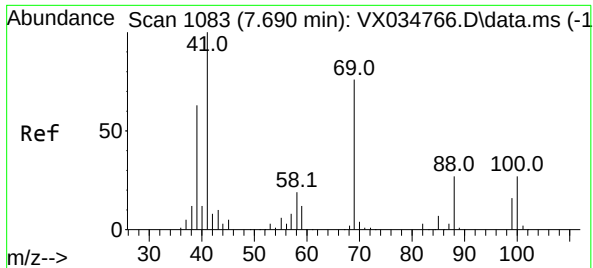
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#44
Isopropyl Acetate
Concen: 4.396 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

Tgt Ion: 43 Resp: 36367
Ion Ratio Lower Upper
43 100
61 18.5 15.4 23.0





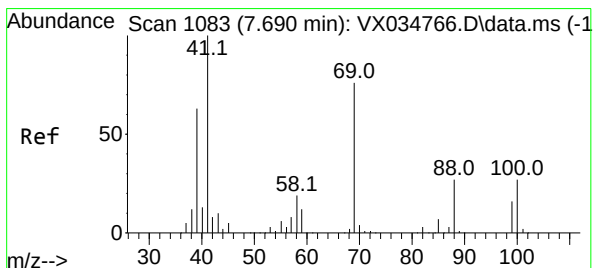
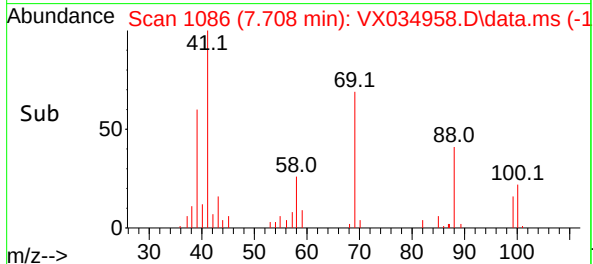
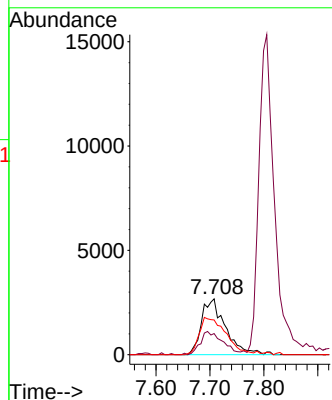
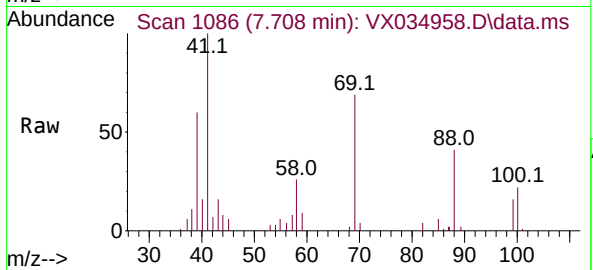
#45
1,4-Dioxane
Concen: 100.850 ug/l m
RT: 7.708 min Scan# 1086
Delta R.T. 0.018 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

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

Tgt Ion: 88 Resp: 826
Ion Ratio Lower Upper
88 100
43 38.6 26.5 39.7
58 73.9 55.6 83.4

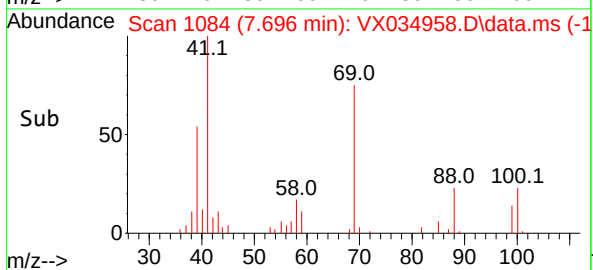
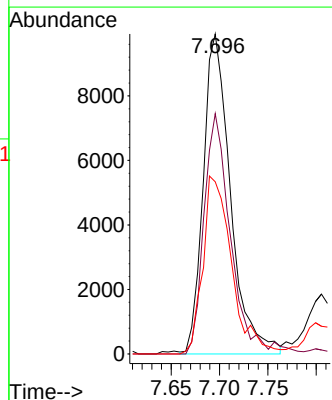
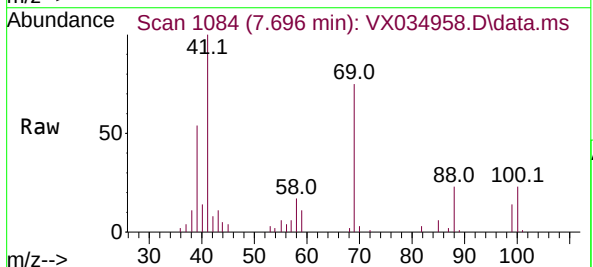
Manual Integrations
APPROVED

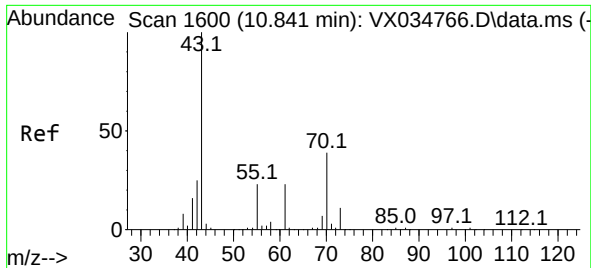
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#46
Methyl methacrylate
Concen: 4.832 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

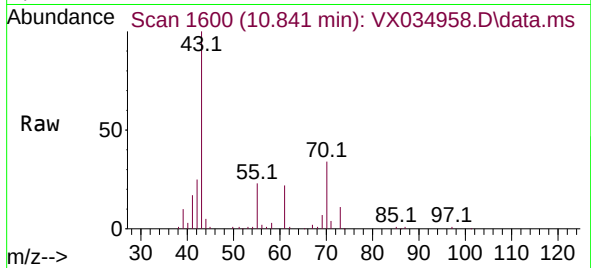
Tgt Ion: 41 Resp: 19474
Ion Ratio Lower Upper
41 100
69 75.6 38.1 114.5
39 54.1 31.4 94.3





#47
n-amy1 Acetate
Concen: 3.809 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

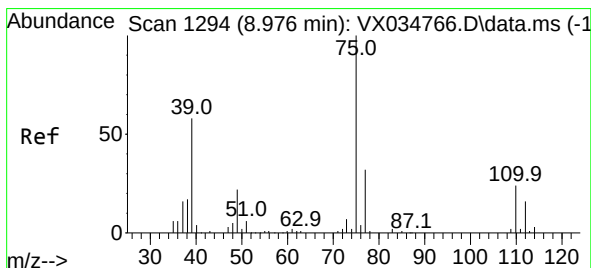
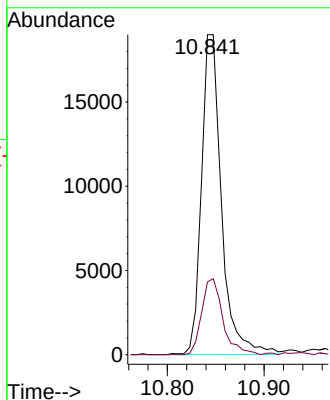
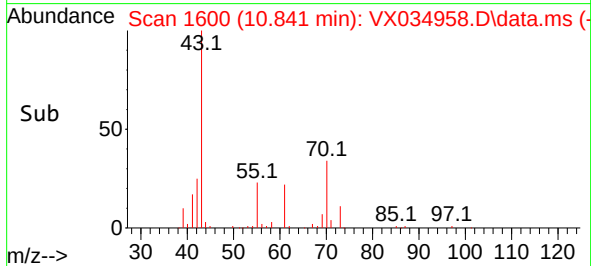
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023



Tgt Ion: 43 Resp: 27390
Ion Ratio Lower Upper
43 100
55 25.0 18.6 28.0

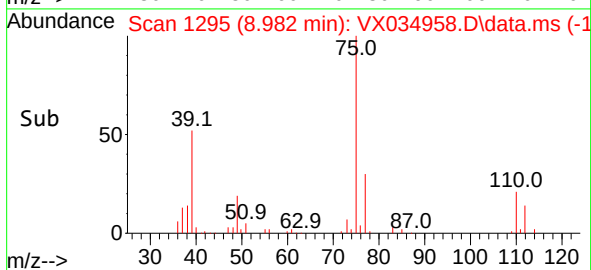
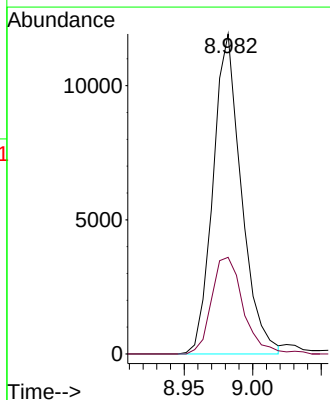
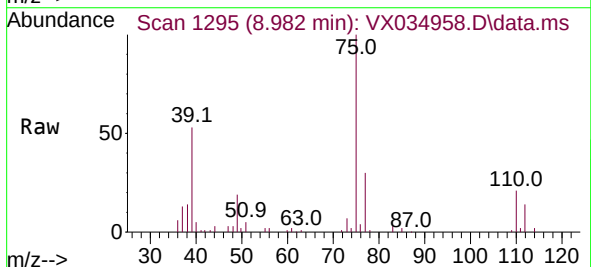
Manual Integrations
APPROVED

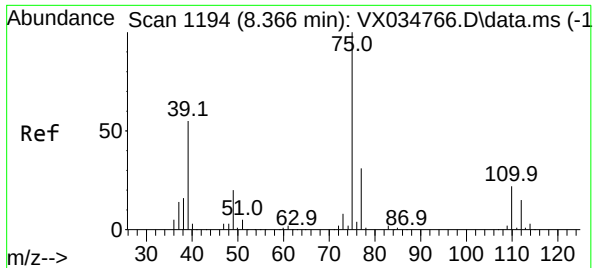
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#48
t-1,3-Dichloropropene
Concen: 3.563 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

Tgt Ion: 75 Resp: 17141
Ion Ratio Lower Upper
75 100
77 30.2 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 4.127 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034958.D

Acq: 06 Apr 2023 16:37

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 75 Resp: 2181

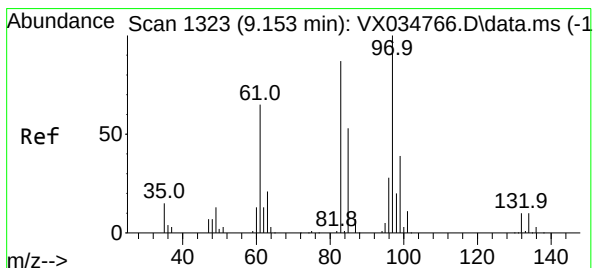
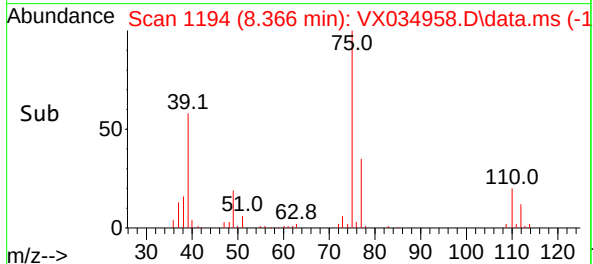
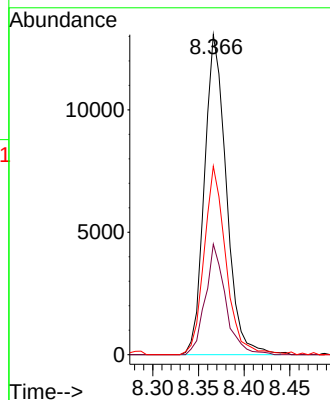
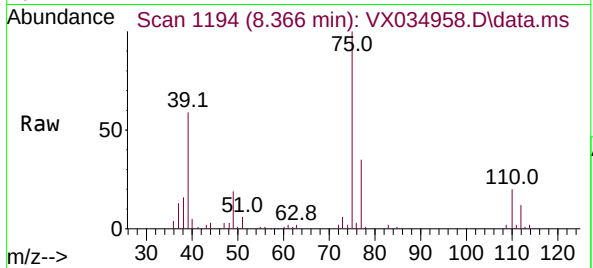
Ion	Ratio	Lower	Upper
75	100		
77	34.5	24.6	37.0
39	58.9	44.2	66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#50

1,1,2-Trichloroethane

Concen: 5.076 ug/l

RT: 9.153 min Scan# 1323

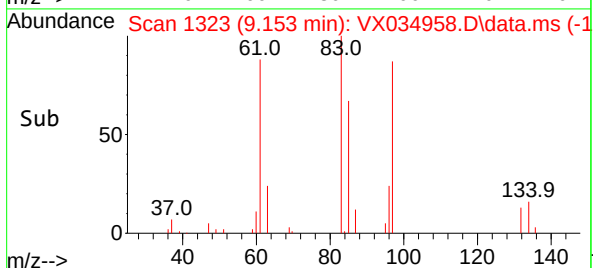
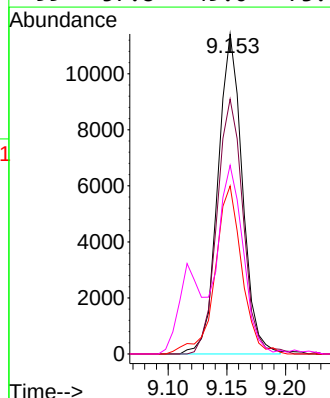
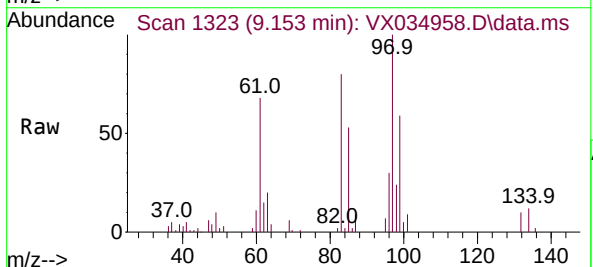
Delta R.T. -0.000 min

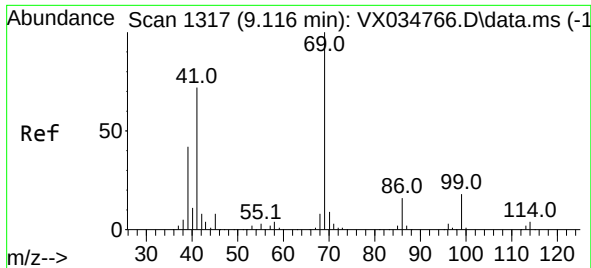
Lab File: VX034958.D

Acq: 06 Apr 2023 16:37

Tgt Ion: 97 Resp: 16577

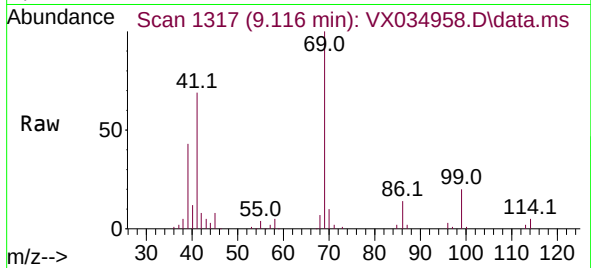
Ion	Ratio	Lower	Upper
97	100		
83	79.6	68.9	103.3
85	52.0	44.0	66.0
99	57.8	49.0	73.4





#51
Ethyl methacrylate
Concen: 4.392 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

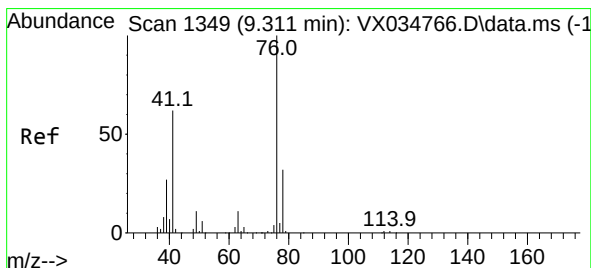
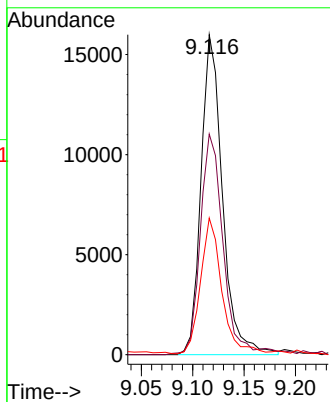
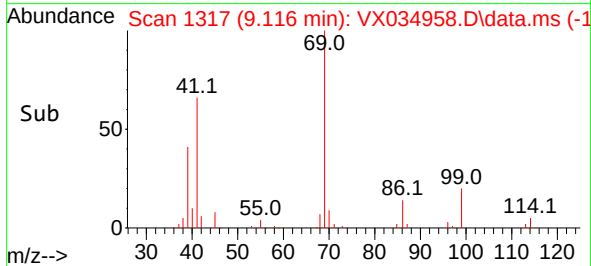
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 69 Resp: 23279
Ion Ratio Lower Upper
69 100
41 68.4 36.2 108.6
39 42.4 21.2 63.6

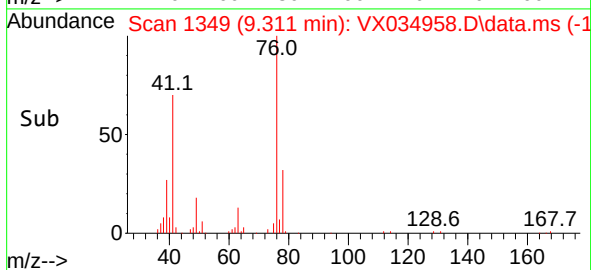
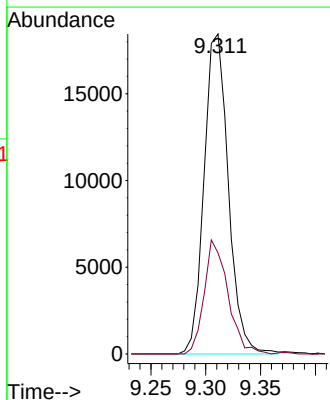
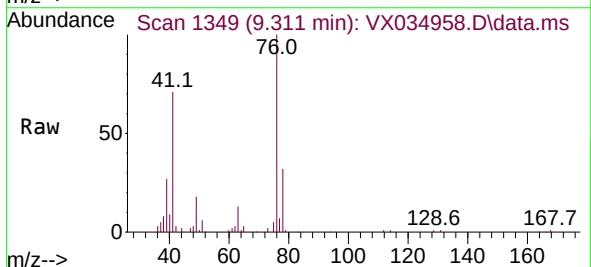
Manual Integrations
APPROVED

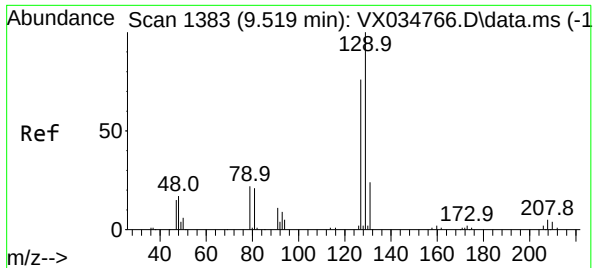
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#52
1,3-Dichloropropane
Concen: 4.933 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

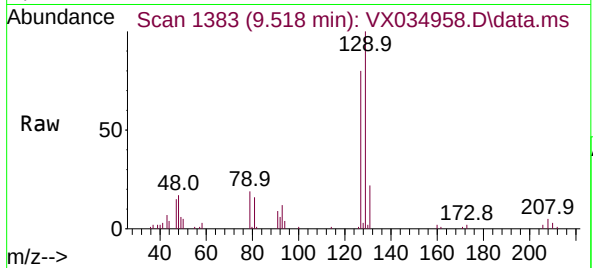
Tgt Ion: 76 Resp: 28461
Ion Ratio Lower Upper
76 100
78 34.8 0.0 63.8





#53
Dibromochloromethane
Concen: 4.002 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.001 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

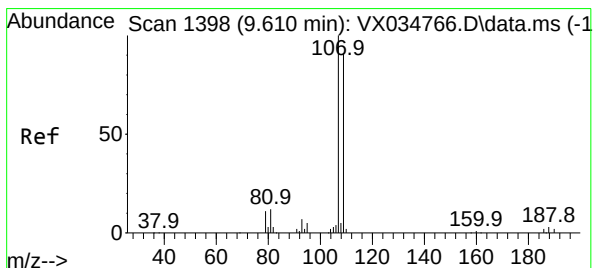
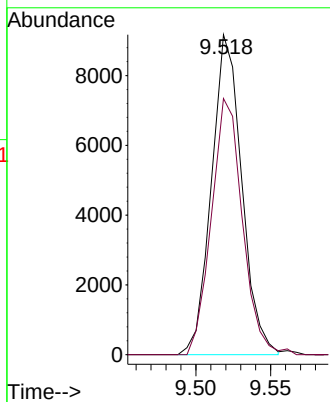
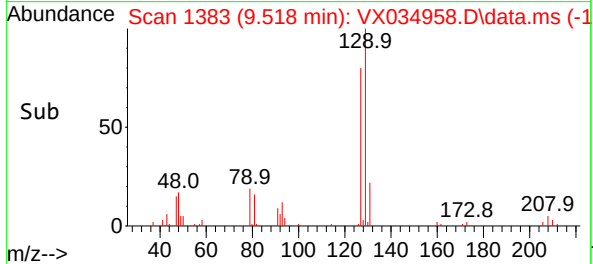
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023



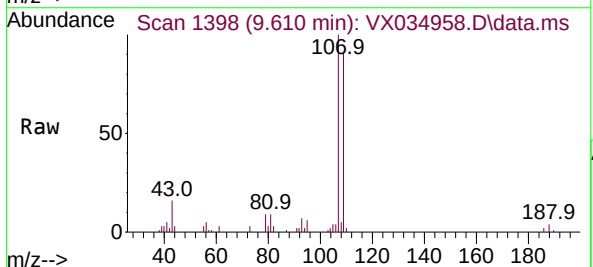
Tgt Ion:129 Resp: 1293
Ion Ratio Lower Upper
129 100
127 81.8 39.1 117.5

Manual Integrations
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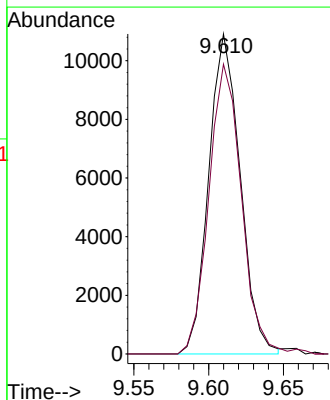
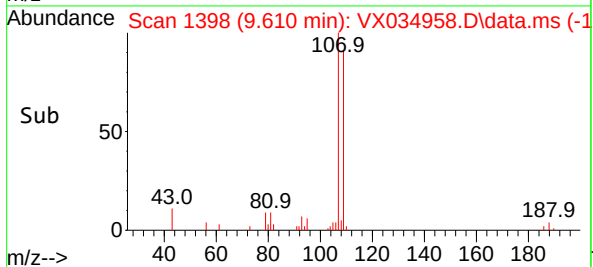
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

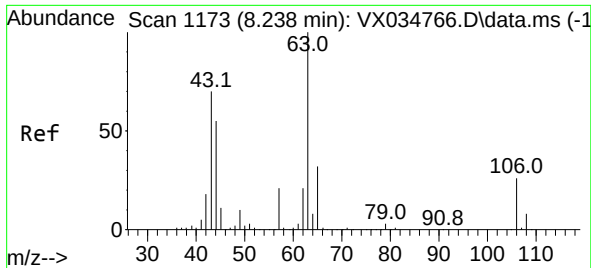


#54
1,2-Dibromoethane
Concen: 4.572 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37



Tgt Ion:107 Resp: 15973
Ion Ratio Lower Upper
107 100
109 93.2 75.4 113.2





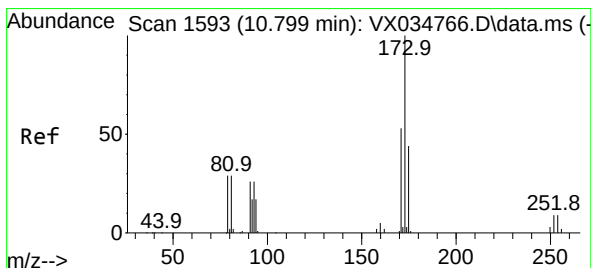
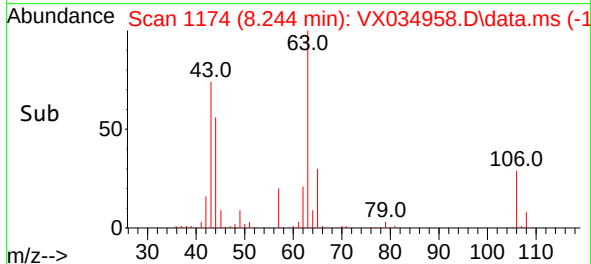
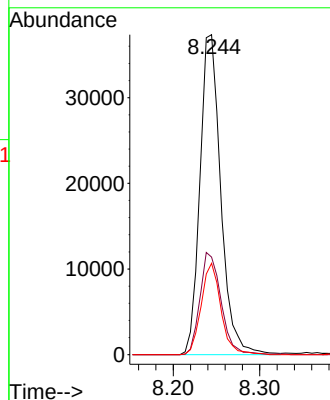
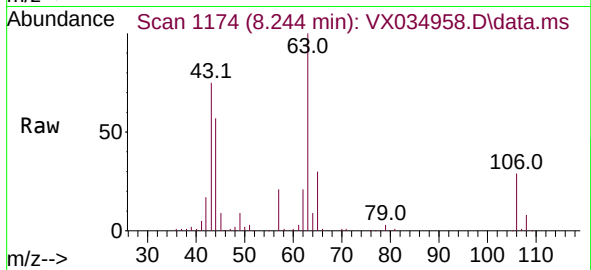
#55
2-Chloroethyl vinyl ether
Concen: 22.458 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

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

Tgt Ion: 63 Resp: 6264
Ion Ratio Lower Upper
63 100
65 31.8 25.4 38.2
106 27.0 21.6 32.4

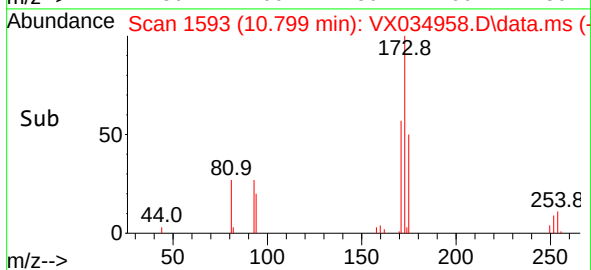
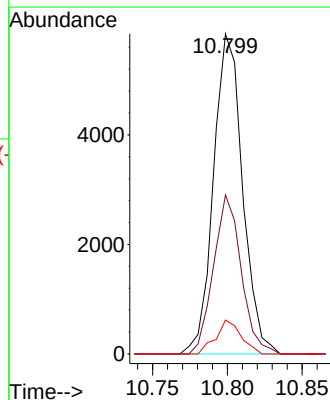
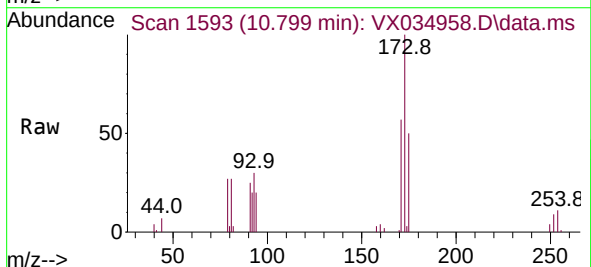
Manual Integrations
APPROVED

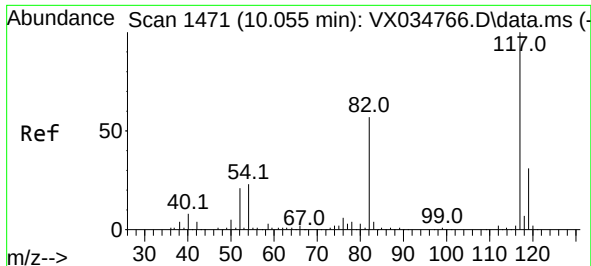
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#56
Bromoform
Concen: 3.540 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

Tgt Ion:173 Resp: 7887
Ion Ratio Lower Upper
173 100
175 47.4 37.0 55.4
254 9.2 6.7 10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX034958.D

Acq: 06 Apr 2023 16:37

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion:117 Resp: 21089

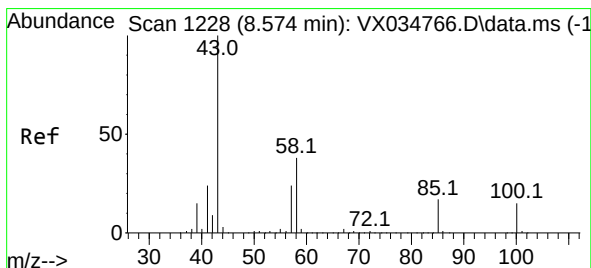
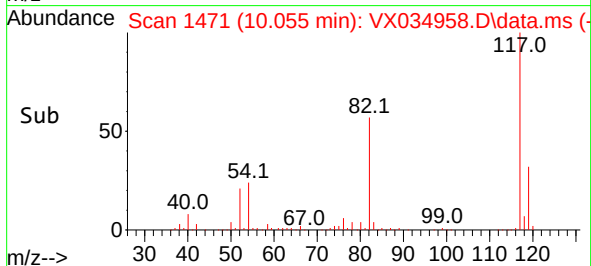
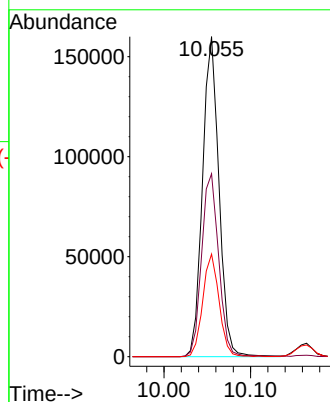
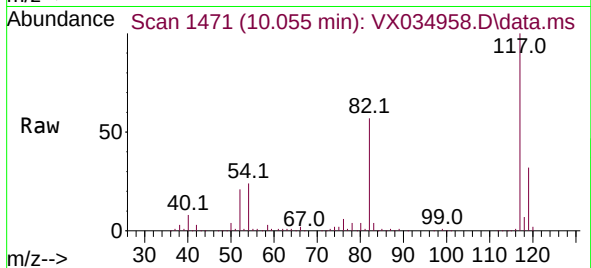
Ion	Ratio	Lower	Upper
117	100		
82	59.5	45.8	68.8
119	31.9	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#58

4-Methyl-2-Pentanone

Concen: 25.296 ug/l

RT: 8.573 min Scan# 1228

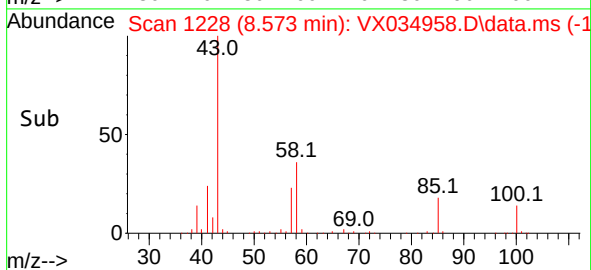
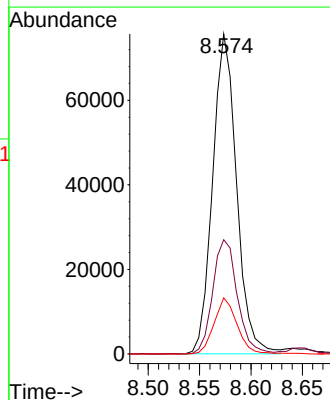
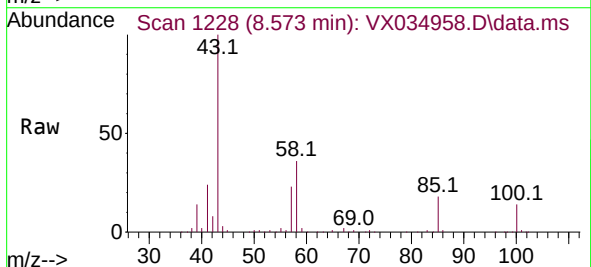
Delta R.T. -0.001 min

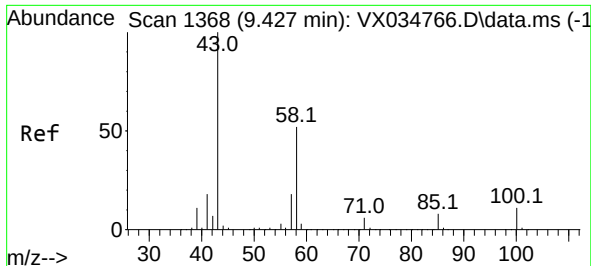
Lab File: VX034958.D

Acq: 06 Apr 2023 16:37

Tgt Ion: 43 Resp: 122311

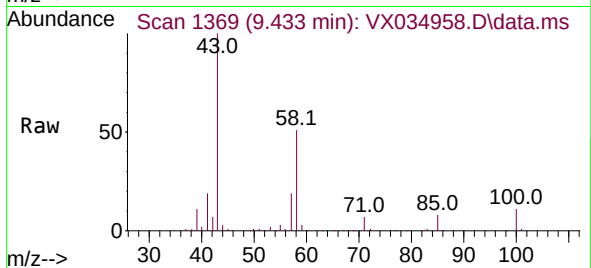
Ion	Ratio	Lower	Upper
43	100		
58	36.7	29.9	44.9
85	16.7	13.2	19.8





#59
2-Hexanone
Concen: 24.399 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

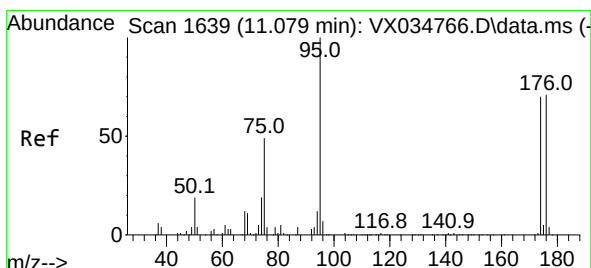
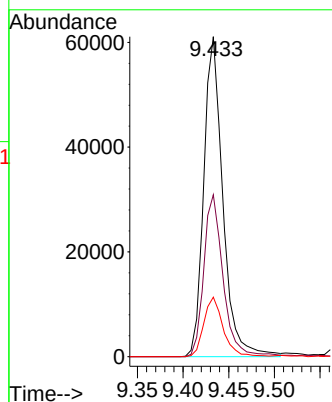
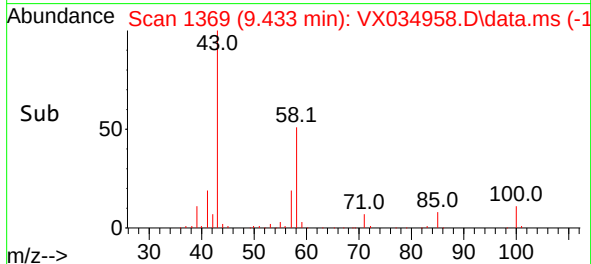
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 43 Resp: 88820
Ion Ratio Lower Upper
43 100
58 51.0 41.7 62.5
57 18.9 14.7 22.1

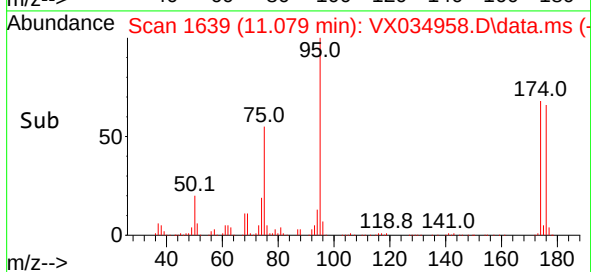
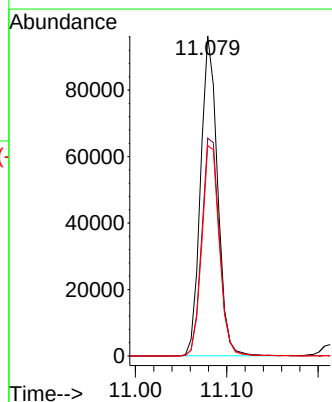
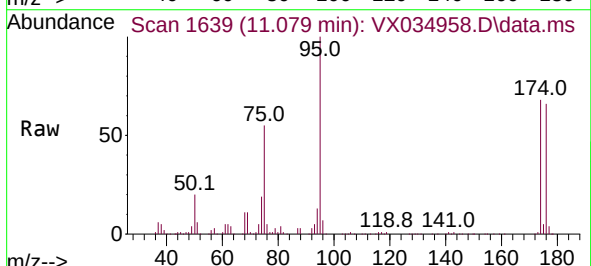
Manual Integrations
APPROVED

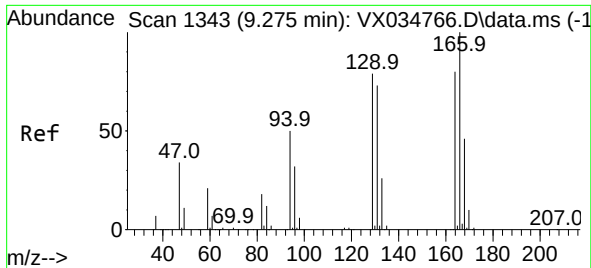
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#60
4-Bromofluorobenzene
Concen: 29.351 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

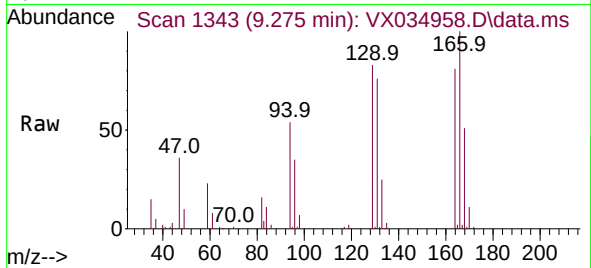
Tgt Ion: 95 Resp: 123685
Ion Ratio Lower Upper
95 100
174 71.2 0.2 0.4#
176 67.8 0.2 0.2#





#61
Tetrachloroethene
Concen: 5.482 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

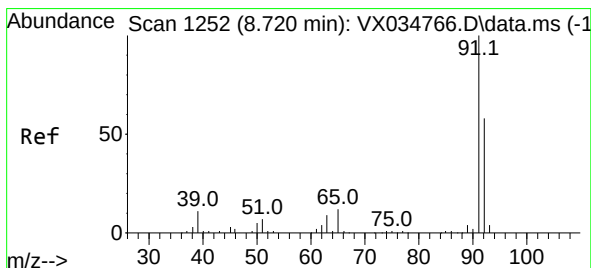
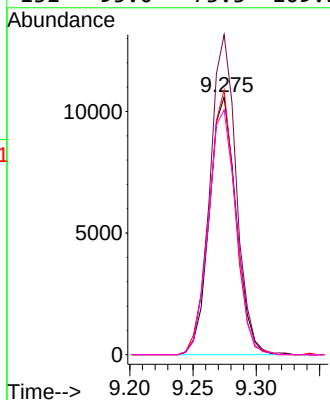
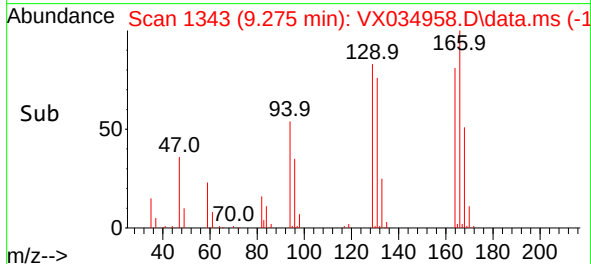
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023



Tgt Ion:164 Resp: 15579
Ion Ratio Lower Upper
164 100
166 124.2 100.1 150.1
129 102.7 79.1 118.7
131 95.0 73.3 109.9

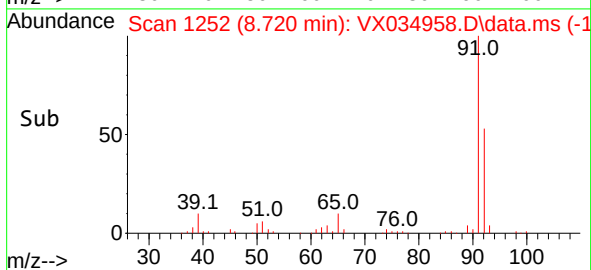
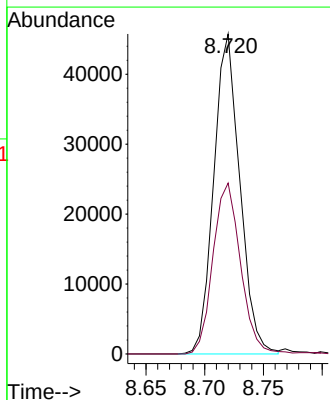
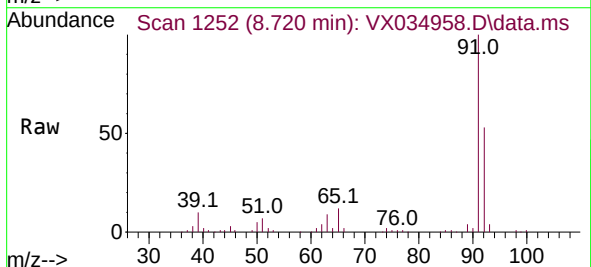
Manual Integrations
APPROVED

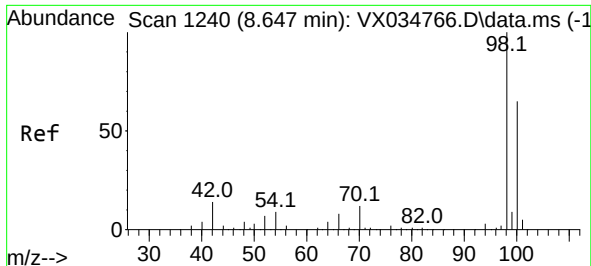
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#62
Toluene
Concen: 5.124 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

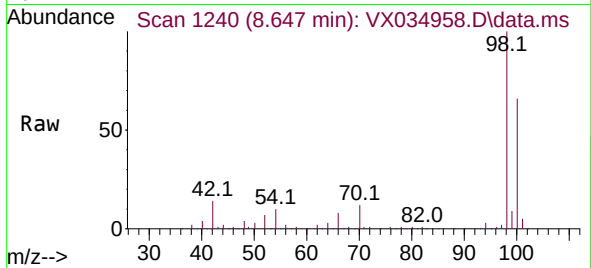
Tgt Ion: 91 Resp: 70653
Ion Ratio Lower Upper
91 100
92 56.4 46.5 69.7





#63
Toluene-d8
Concen: 30.648 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

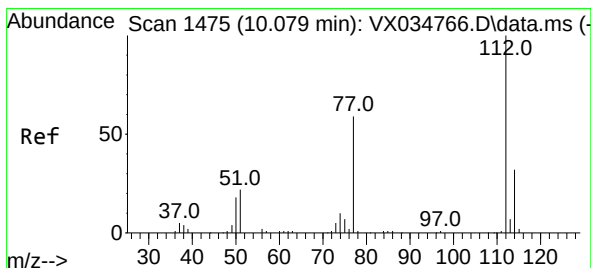
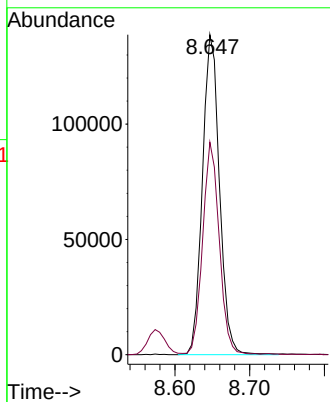
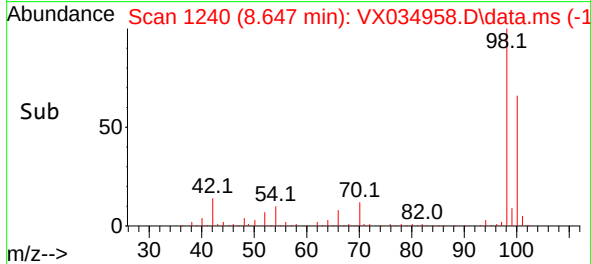
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023



Tgt Ion: 98 Resp: 219648
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1

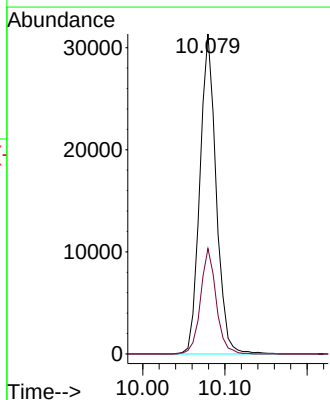
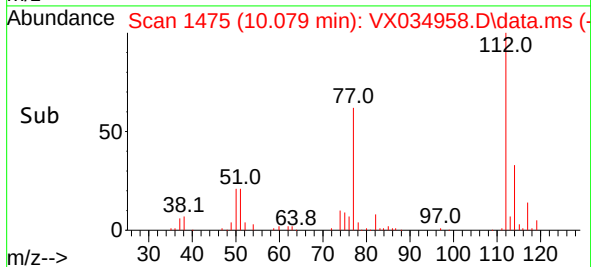
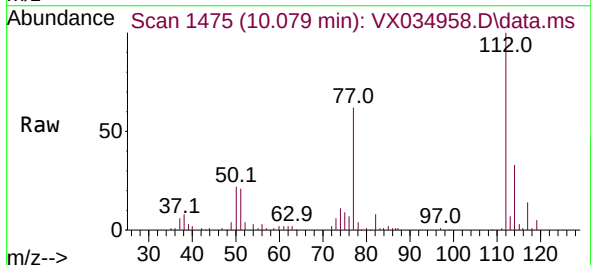
Manual Integrations
APPROVED

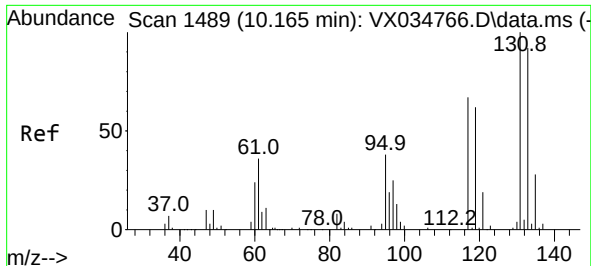
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#64
Chlorobenzene
Concen: 5.080 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

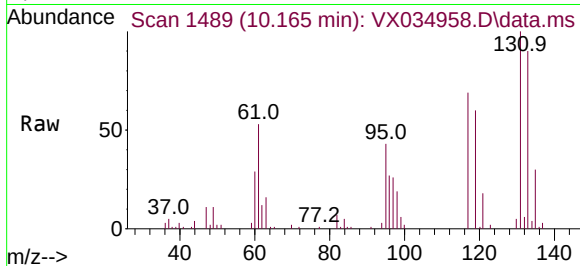
Tgt Ion:112 Resp: 43140
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.8





#65
1,1,1,2-Tetrachloroethane
Concen: 4.515 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

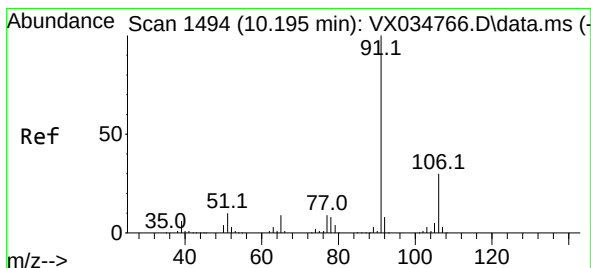
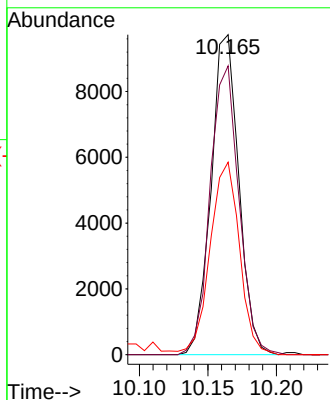
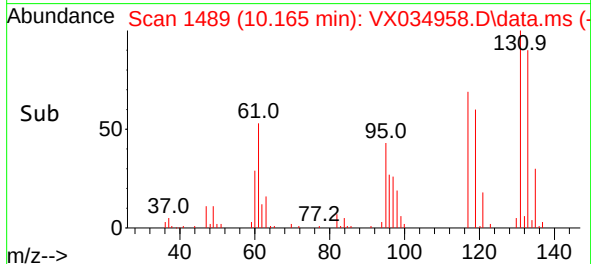
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023



Tgt Ion:131 Resp: 13700
Ion Ratio Lower Upper
131 100
133 93.5 0.0 186.6
119 64.1 0.0 128.6

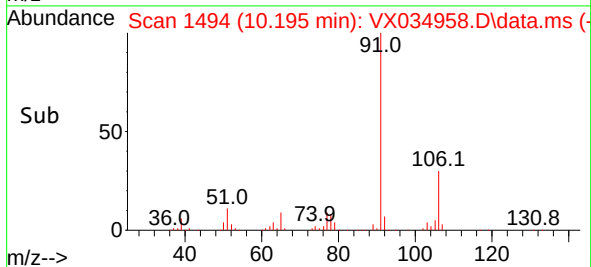
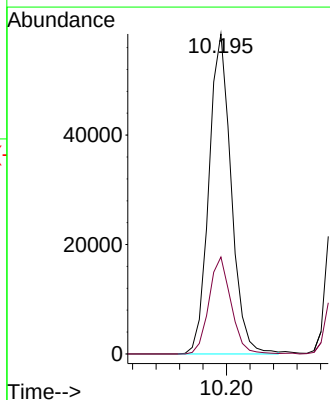
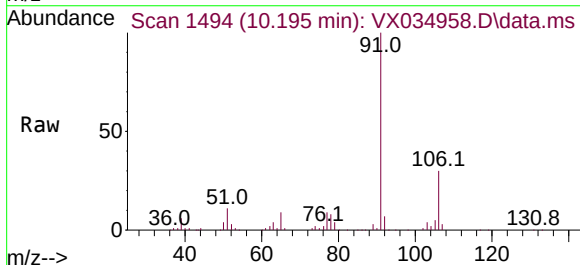
Manual Integrations
APPROVED

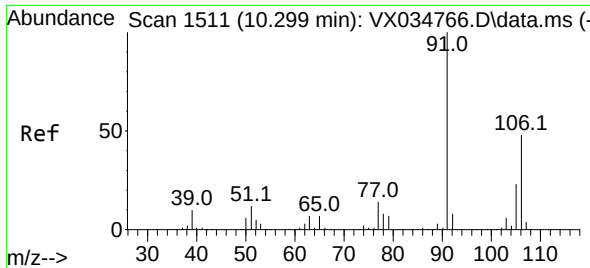
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#66
Ethyl Benzene
Concen: 5.013 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

Tgt Ion: 91 Resp: 76989
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6





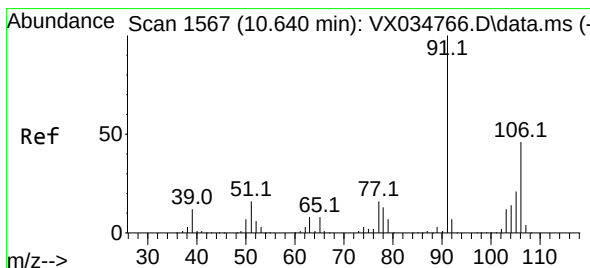
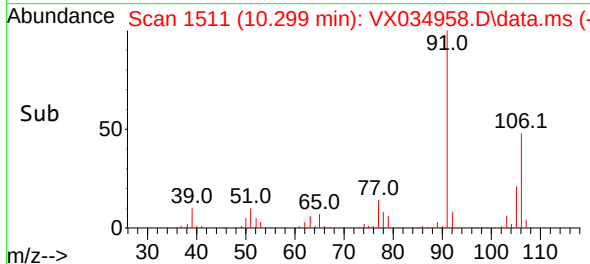
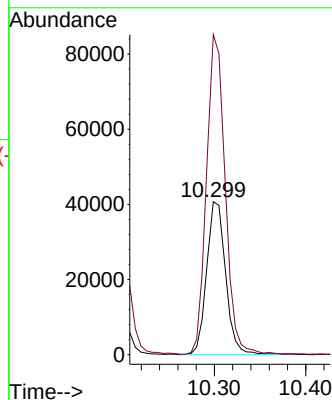
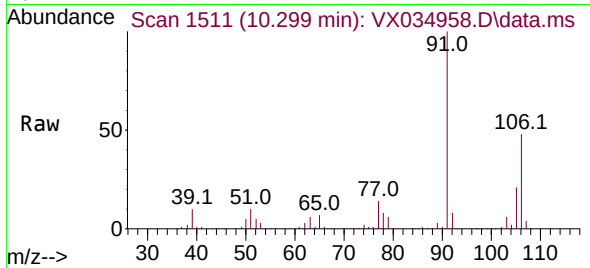
#67
m/p-Xylenes
Concen: 10.035 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

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

Tgt Ion:106 Resp: 5864
Ion Ratio Lower Upper
106 100
91 205.9 167.4 251.2

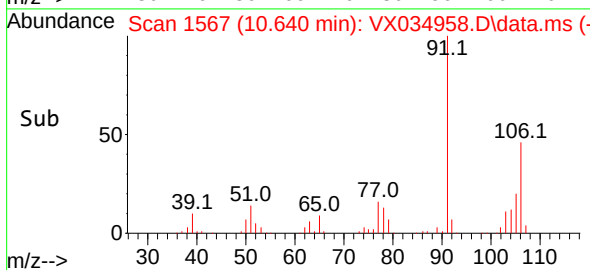
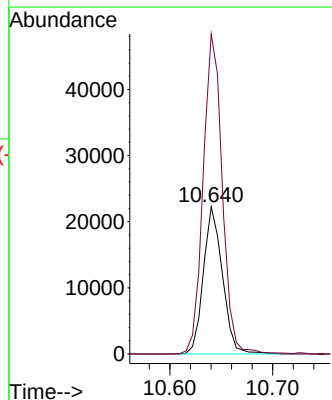
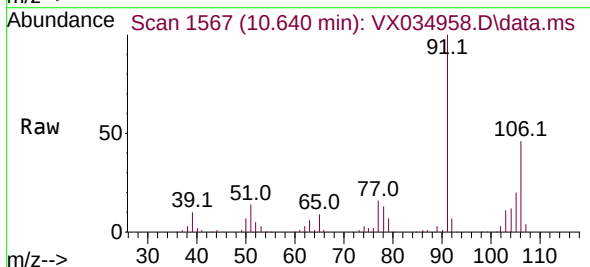
Manual Integrations
APPROVED

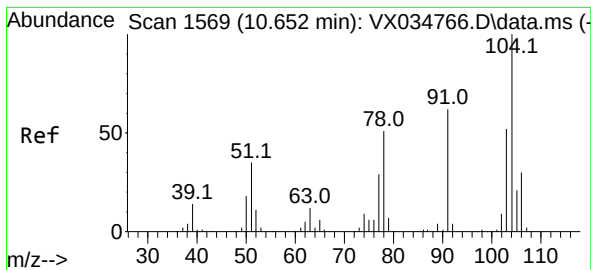
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#68
o-Xylene
Concen: 4.977 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

Tgt Ion:106 Resp: 28762
Ion Ratio Lower Upper
106 100
91 216.5 108.9 326.8





#69

Styrene

Concen: 4.669 ug/l

RT: 10.658 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VX034958.D

Acq: 06 Apr 2023 16:37

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

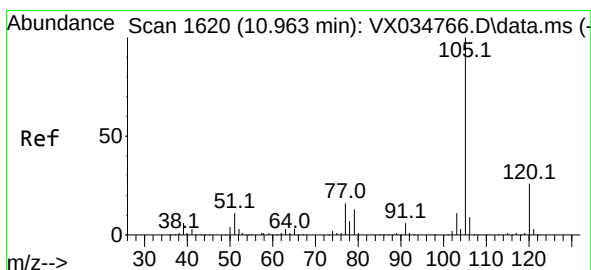
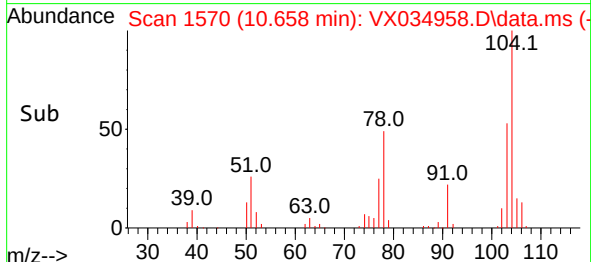
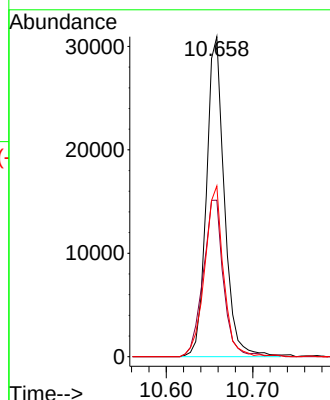
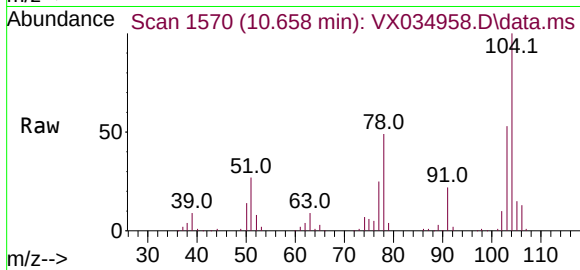
Tgt Ion:104 Resp: 4448
 Ion Ratio Lower Upper
 104 100
 78 54.8 42.8 64.2
 103 55.4 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#70

Isopropylbenzene

Concen: 4.925 ug/l

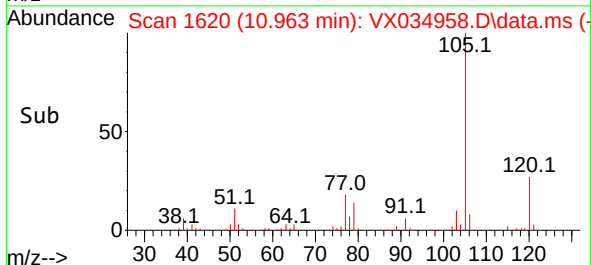
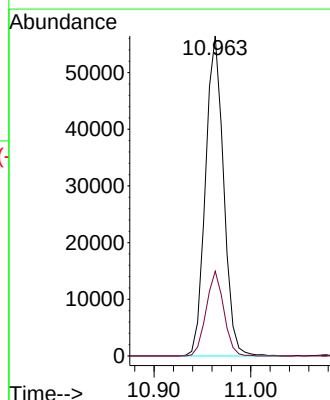
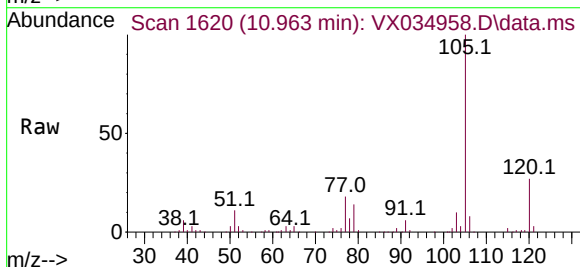
RT: 10.963 min Scan# 1620

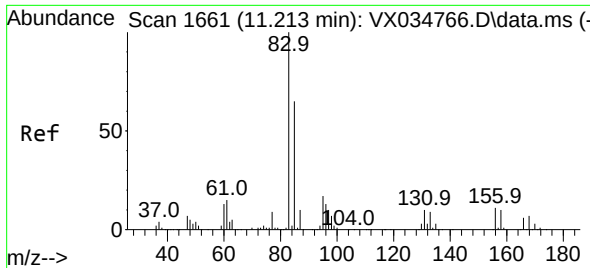
Delta R.T. 0.000 min

Lab File: VX034958.D

Acq: 06 Apr 2023 16:37

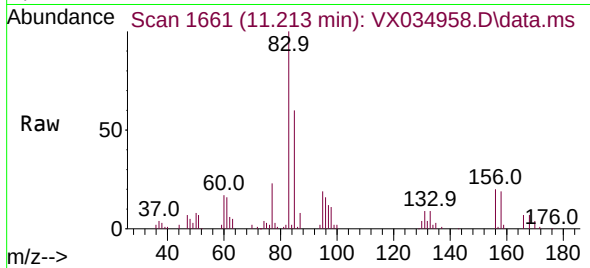
Tgt Ion:105 Resp: 73665
 Ion Ratio Lower Upper
 105 100
 120 25.7 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 4.828 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

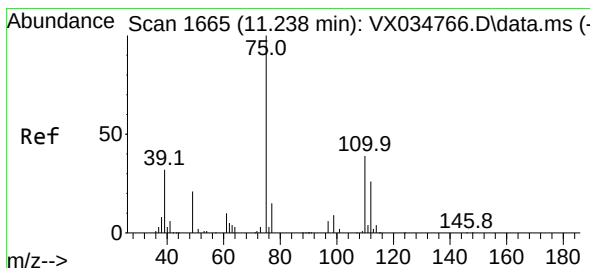
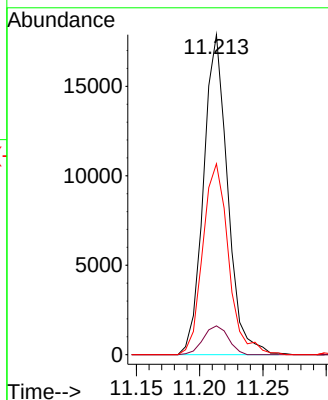
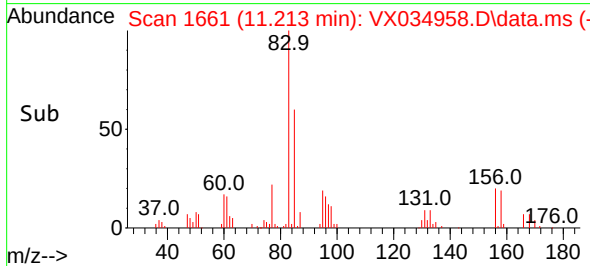
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023



Tgt Ion: 83 Resp: 23730
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.2
85 63.8 31.9 95.5

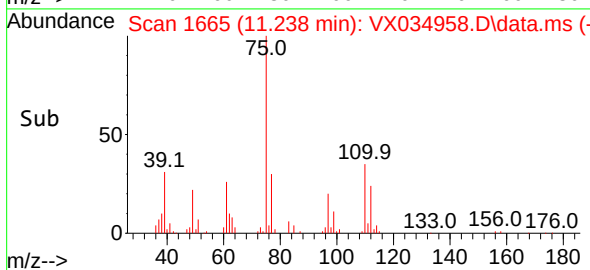
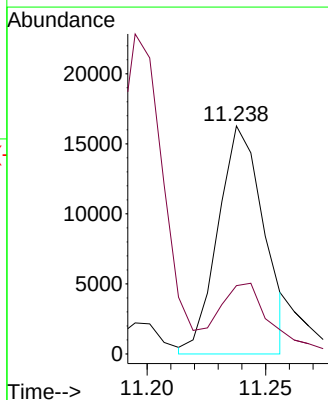
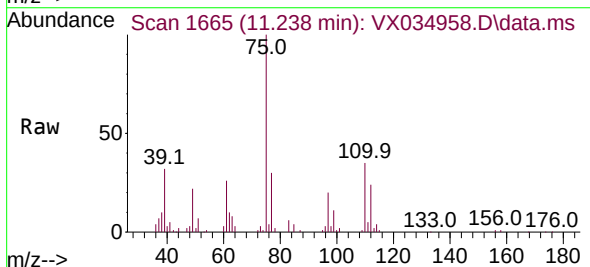
Manual Integrations
APPROVED

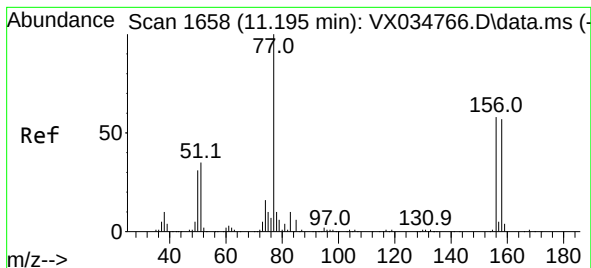
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#72
1,2,3-Trichloropropane
Concen: 4.880 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

Tgt Ion: 75 Resp: 21838
Ion Ratio Lower Upper
75 100
77 36.7 0.0 73.8





#73

Bromobenzene

Concen: 4.814 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX034958.D

Acq: 06 Apr 2023 16:37

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

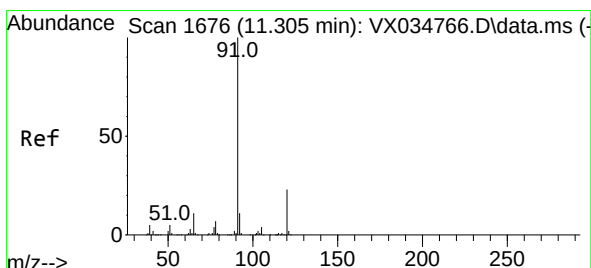
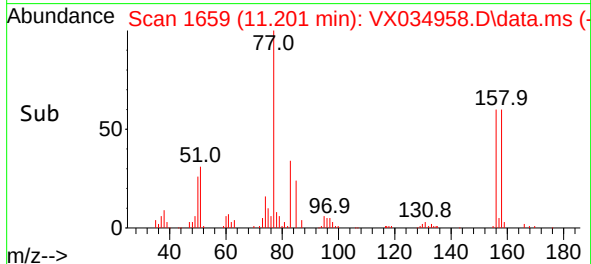
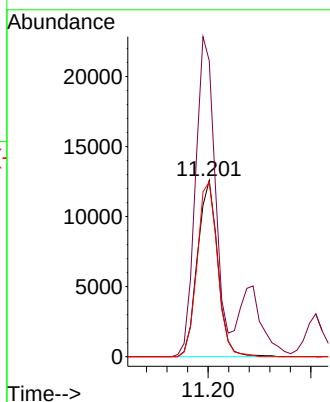
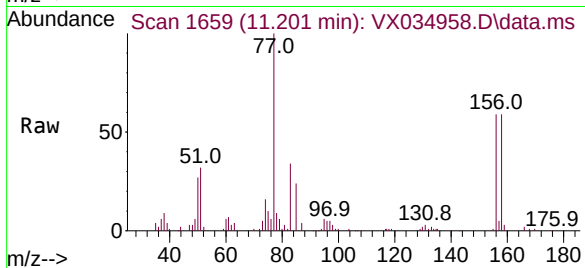
Tgt Ion:	156	Resp:	1729
Ion Ratio	Lower	Upper	
156	100		
77	175.8	0.0	330.8
158	99.7	0.0	193.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#74

n-propylbenzene

Concen: 4.681 ug/l

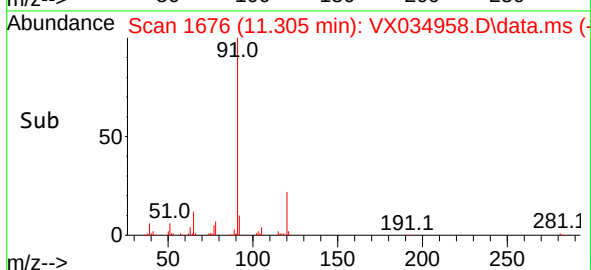
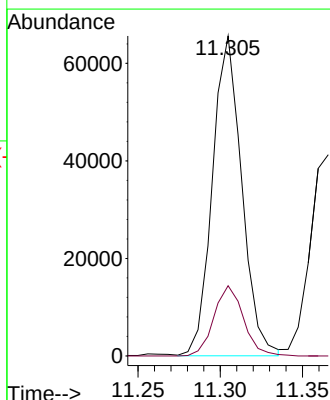
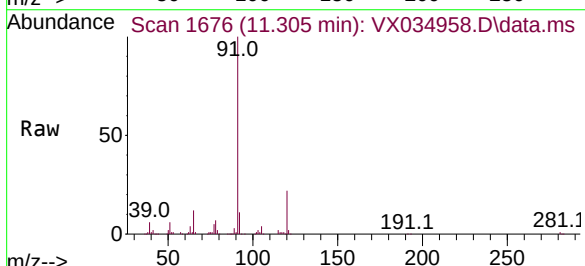
RT: 11.305 min Scan# 1676

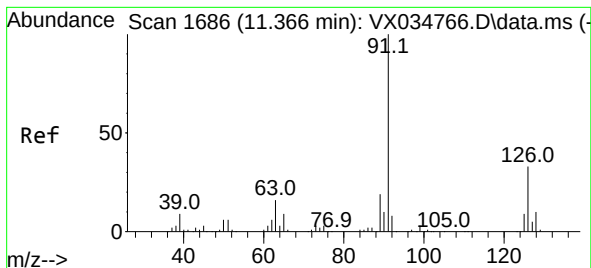
Delta R.T. -0.000 min

Lab File: VX034958.D

Acq: 06 Apr 2023 16:37

Tgt Ion:	91	Resp:	81497
Ion Ratio	Lower	Upper	
91	100		
120	22.1	0.0	44.8





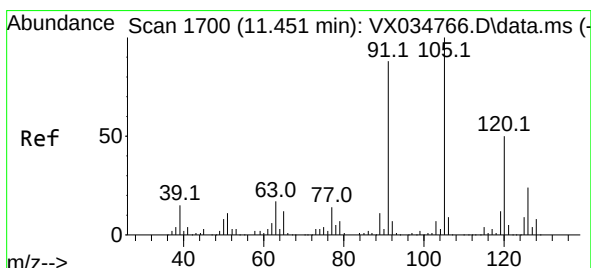
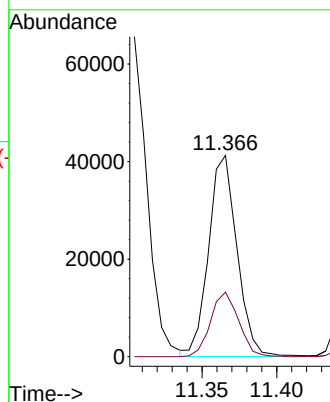
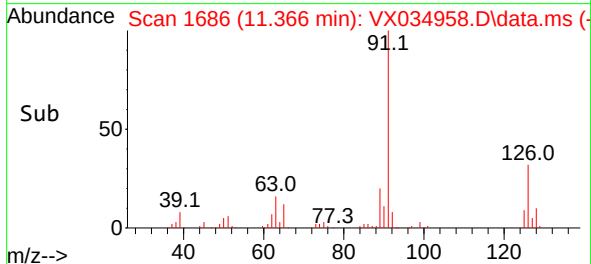
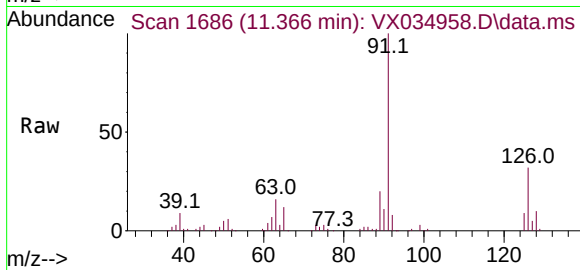
#75
2-Chlorotoluene
Concen: 5.014 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

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

Tgt Ion: 91 Resp: 5442
Ion Ratio Lower Upper
91 100
126 31.6 0.0 66.4

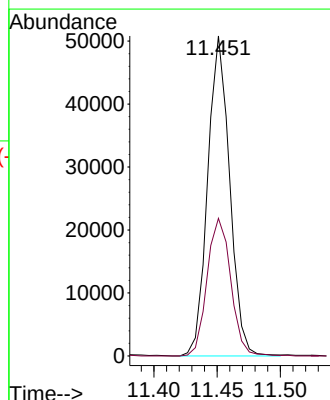
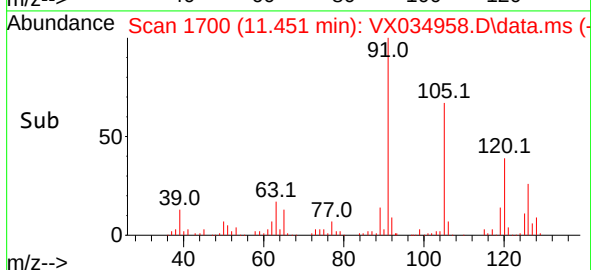
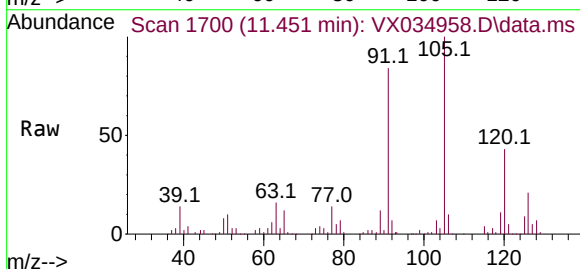
Manual Integrations
APPROVED

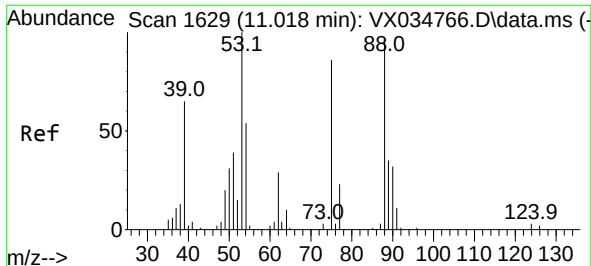
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#76
1,3,5-Trimethylbenzene
Concen: 4.881 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

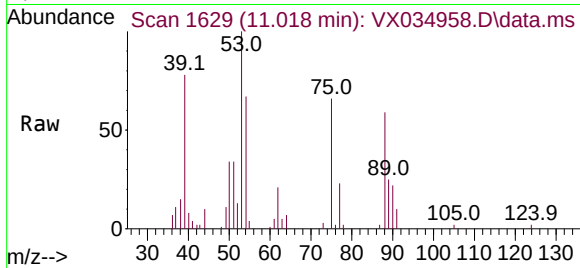
Tgt Ion:105 Resp: 61452
Ion Ratio Lower Upper
105 100
120 46.3 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 2.646 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

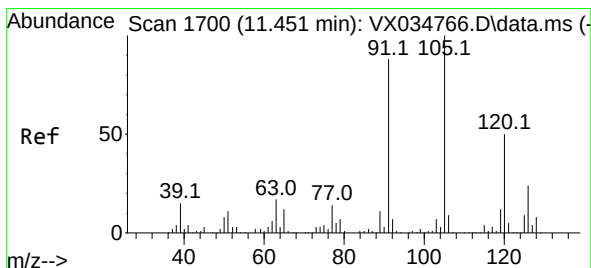
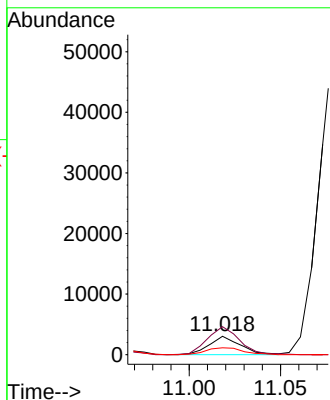
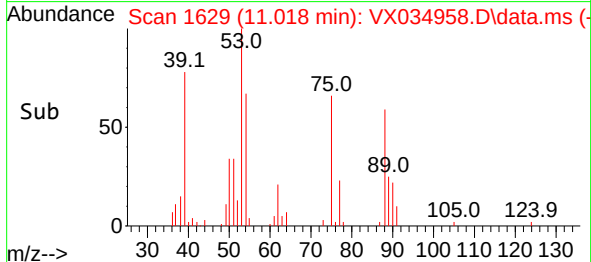
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023



Tgt Ion: 75 Resp: 363
Ion Ratio Lower Upper
75 100
53 149.8 58.2 174.6
89 37.8 20.6 61.8

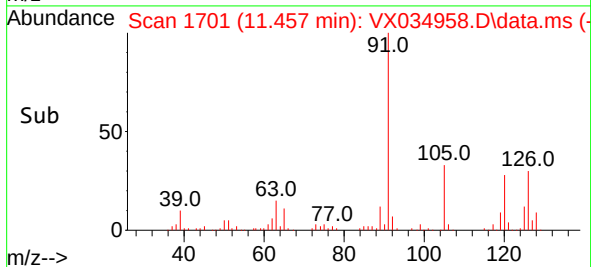
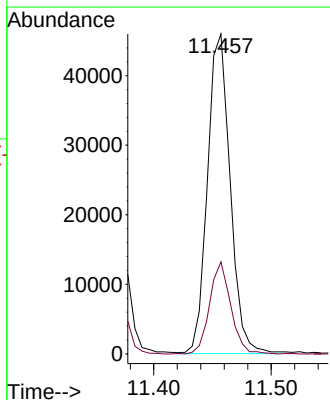
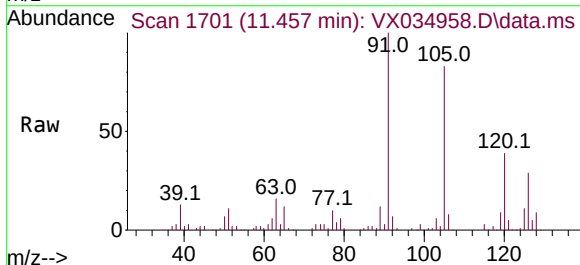
Manual Integrations
APPROVED

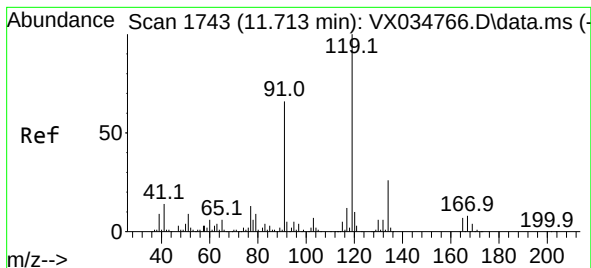
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#78
4-Chlorotoluene
Concen: 4.967 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

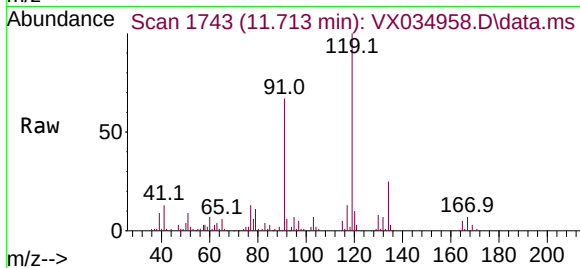
Tgt Ion: 91 Resp: 61810
Ion Ratio Lower Upper
91 100
126 26.6 0.0 56.8





#79
tert-butylbenzene
Concen: 4.628 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

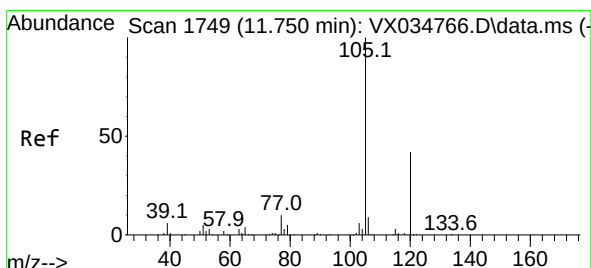
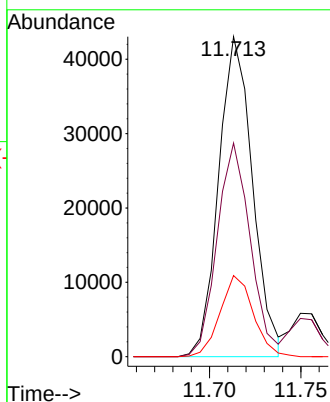
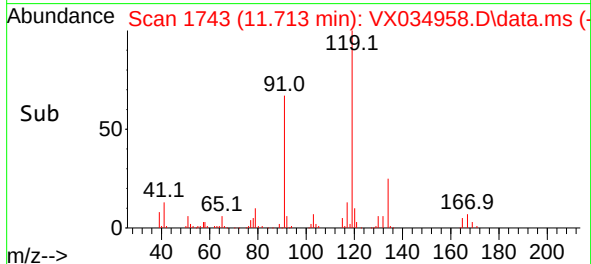
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:119 Resp: 55629
Ion Ratio Lower Upper
119 100
91 65.4 0.0 122.4
134 24.9 0.0 49.2

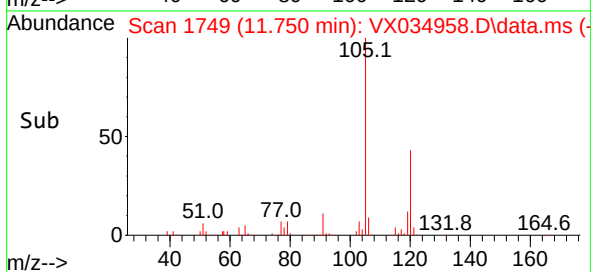
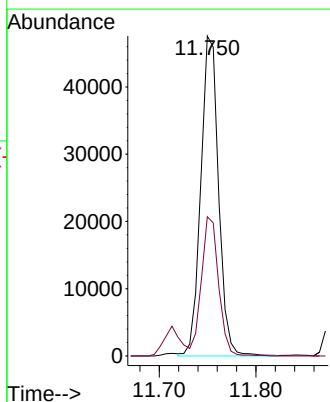
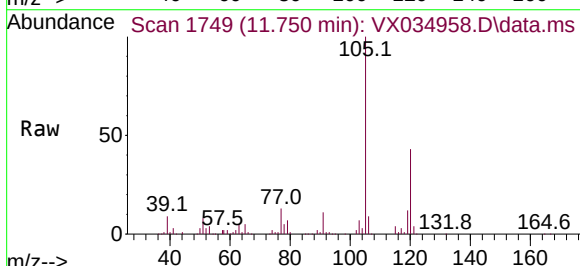
Manual Integrations
APPROVED

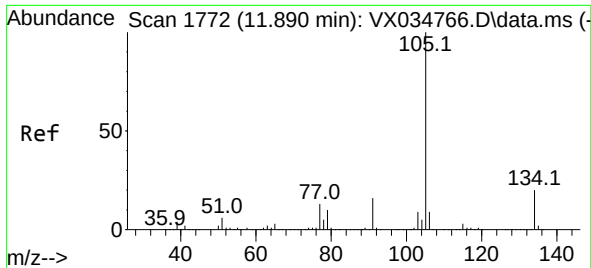
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#80
1,2,4-Trimethylbenzene
Concen: 4.870 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

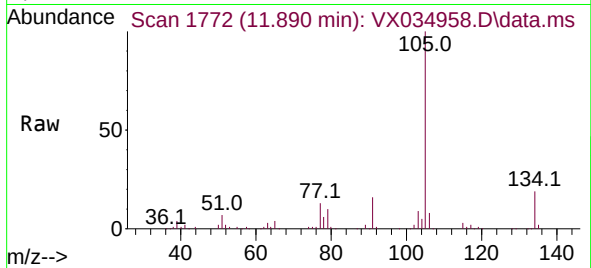
Tgt Ion:105 Resp: 60928
Ion Ratio Lower Upper
105 100
120 42.1 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 4.707 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034958.D
 Acq: 06 Apr 2023 16:37

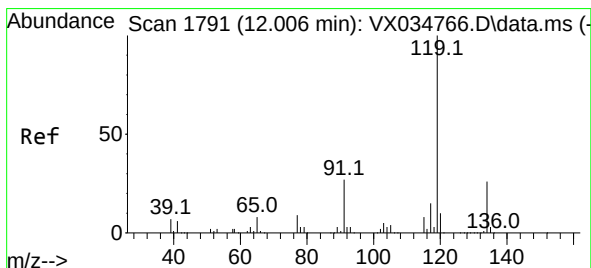
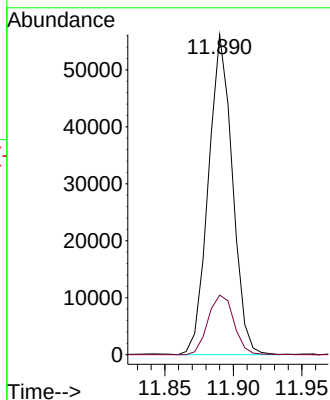
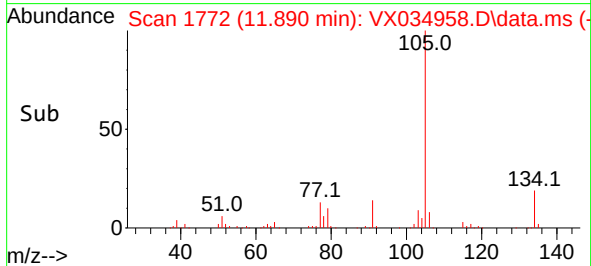
Instrument : MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2023



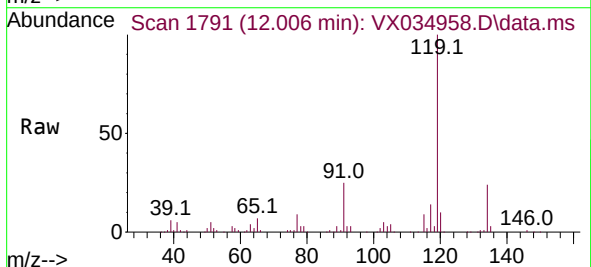
Tgt Ion:105 Resp: 6855
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 40.2

Manual Integrations
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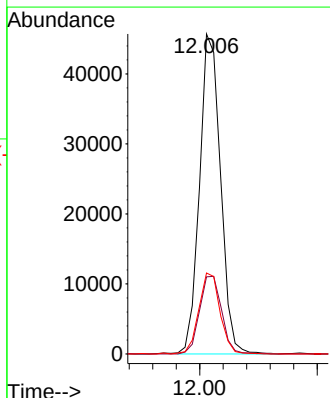
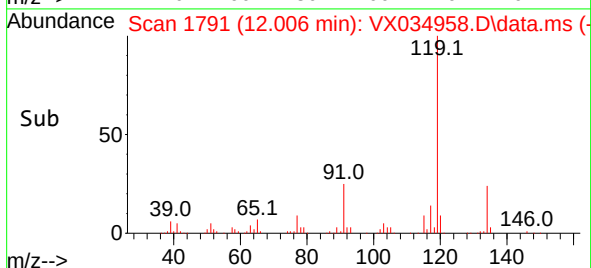
Reviewed By :John Carlone 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023

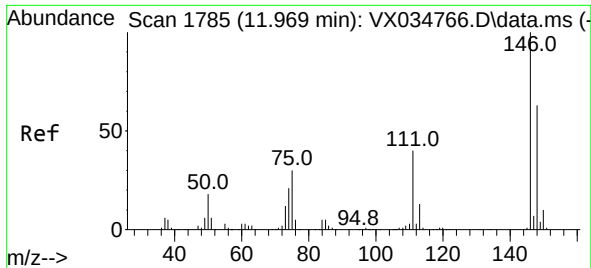


#82
 p-Isopropyltoluene
 Concen: 4.615 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX034958.D
 Acq: 06 Apr 2023 16:37



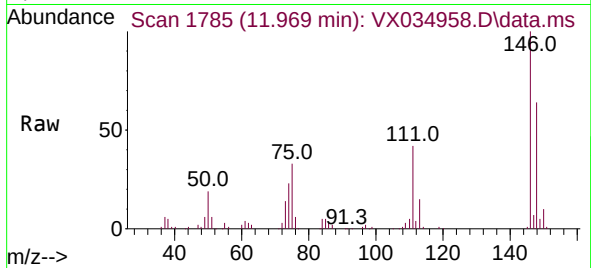
Tgt Ion:119 Resp: 56722
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 52.2
 91 25.6 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 4.879 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

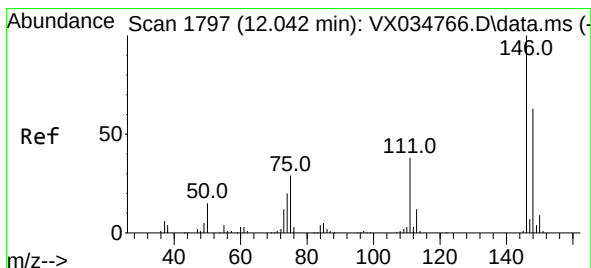
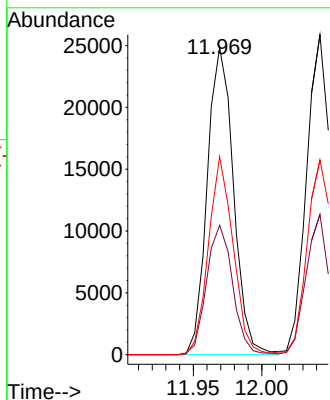
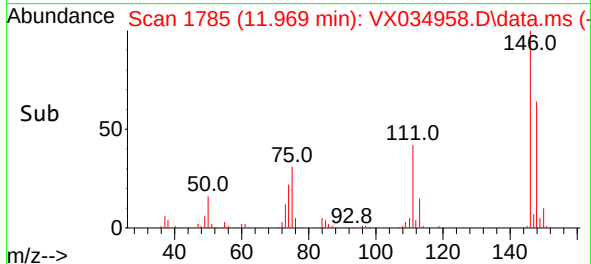
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



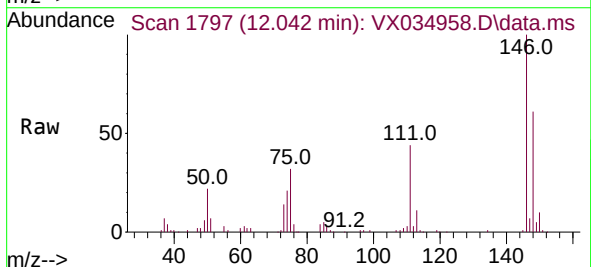
Tgt Ion:146 Resp: 33098
Ion Ratio Lower Upper
146 100
111 41.8 20.6 61.9
148 60.9 31.6 94.7

Manual Integrations
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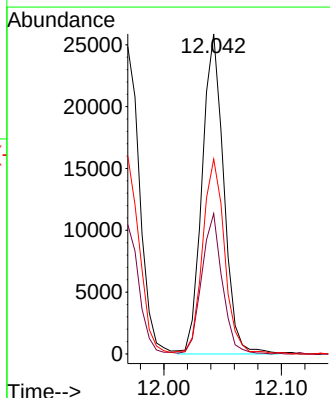
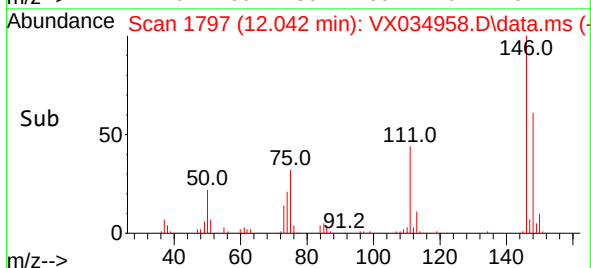
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

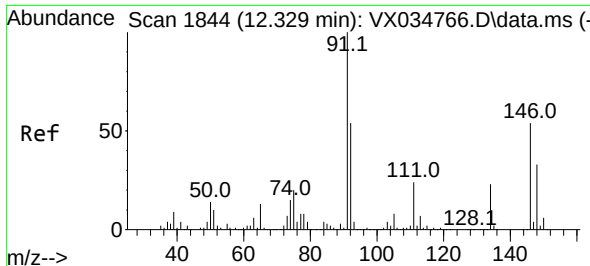


#84
1,4-Dichlorobenzene
Concen: 4.863 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37



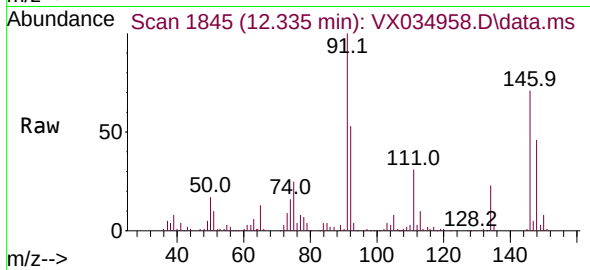
Tgt Ion:146 Resp: 33127
Ion Ratio Lower Upper
146 100
111 41.8 20.3 60.9
148 61.3 31.8 95.3





#85
n-Butylbenzene
Concen: 4.336 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

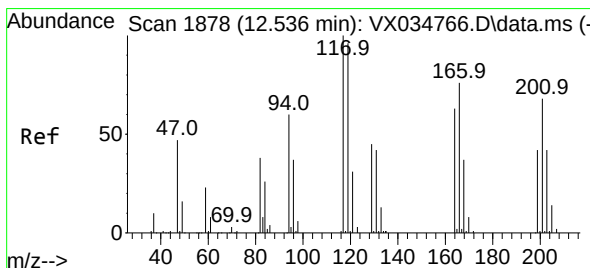
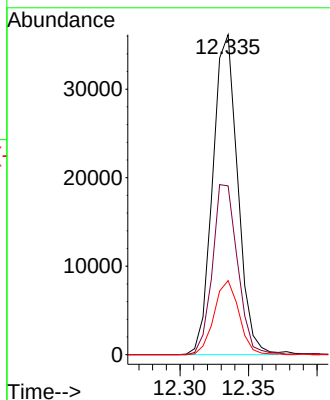
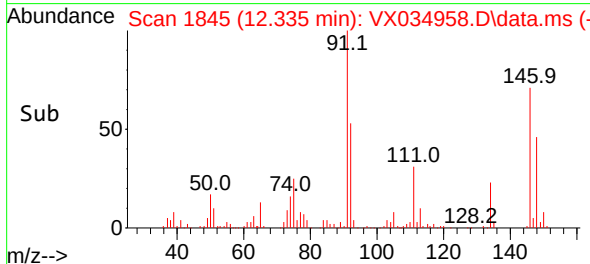
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 91 Resp: 45929
Ion Ratio Lower Upper
91 100
92 53.4 0.0 107.6
134 23.0 0.0 49.8

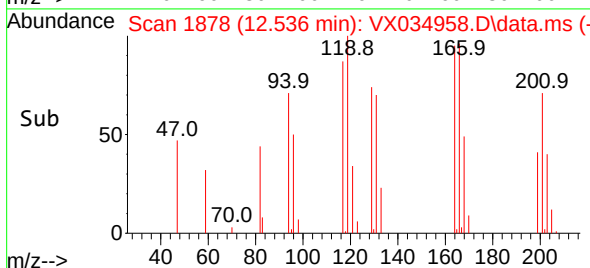
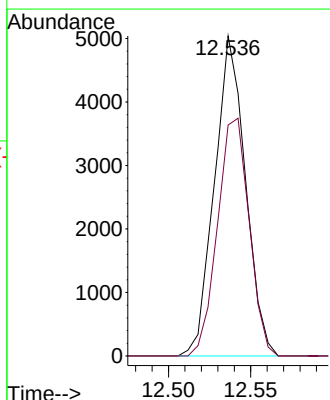
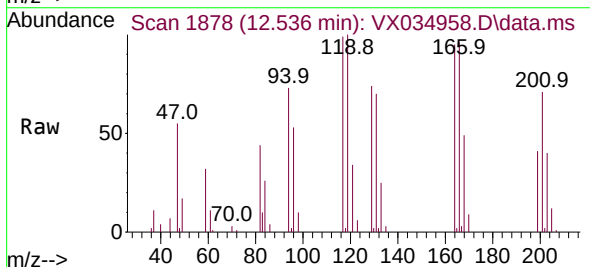
Manual Integrations
APPROVED

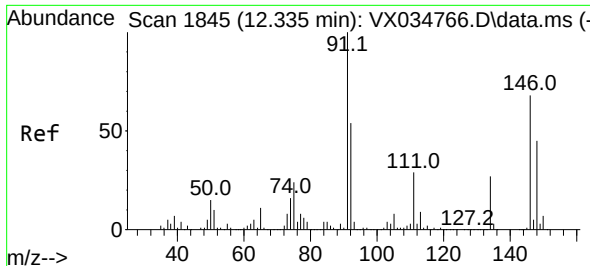
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#86
Hexachloroethane
Concen: 3.277 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

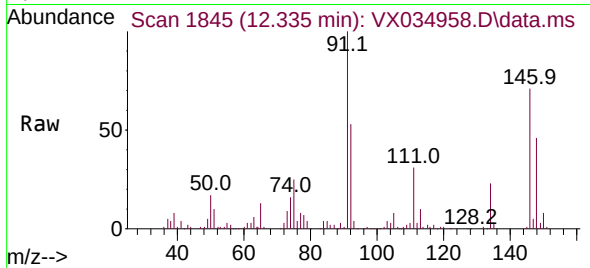
Tgt Ion:117 Resp: 6597
Ion Ratio Lower Upper
117 100
201 76.0 35.4 106.2





#87
1,2-Dichlorobenzene
Concen: 4.823 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

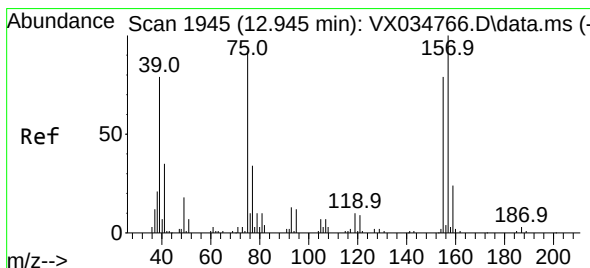
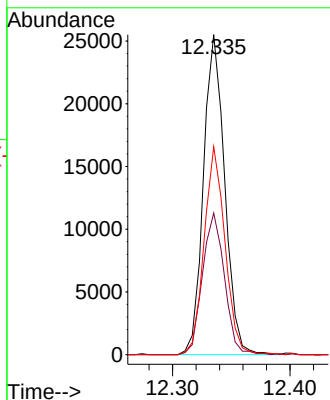
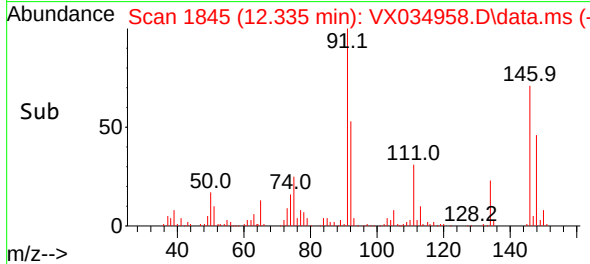
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:146 Resp: 3201
Ion Ratio Lower Upper
146 100
111 45.7 21.3 64.0
148 63.9 31.7 95.1

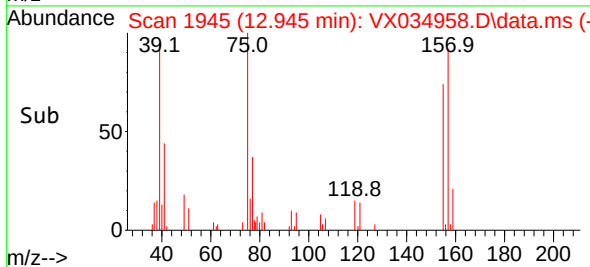
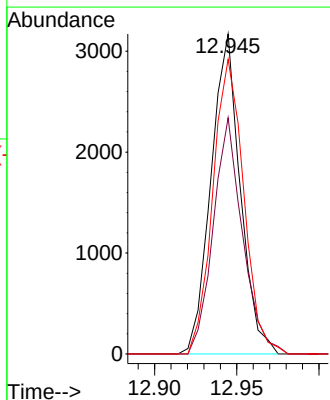
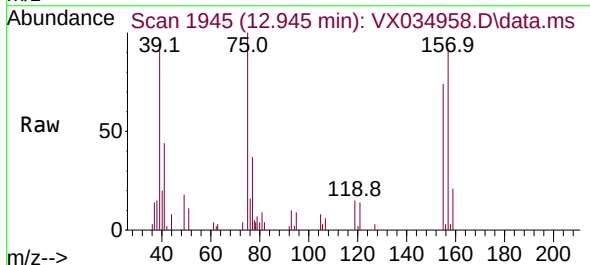
Manual Integrations
APPROVED

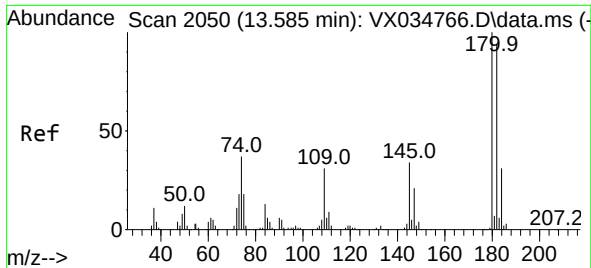
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 3.654 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

Tgt Ion: 75 Resp: 3926
Ion Ratio Lower Upper
75 100
155 73.8 63.7 95.5
157 97.0 83.7 125.5





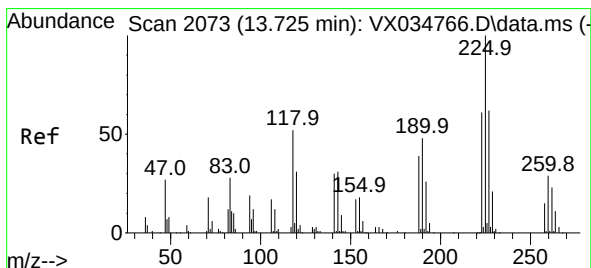
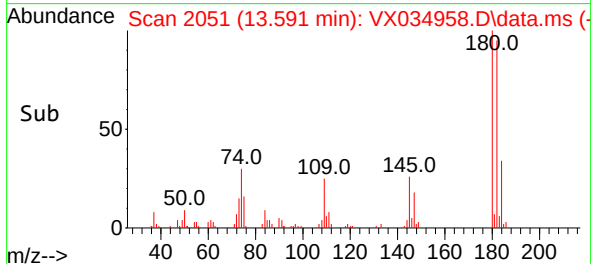
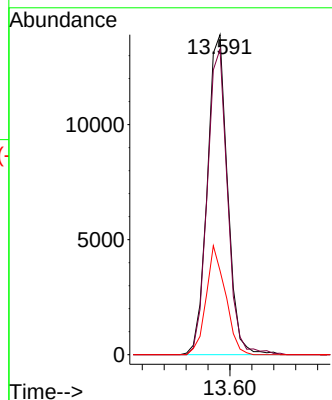
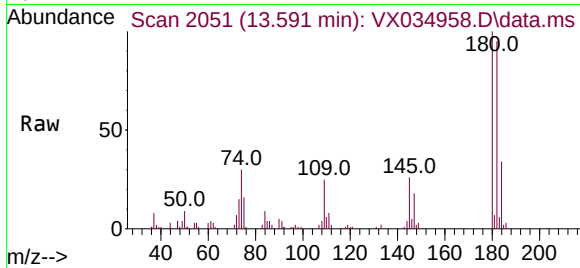
#89
1,2,4-Trichlorobenzene
Concen: 4.481 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

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

Tgt Ion:180 Resp: 1784
Ion Ratio Lower Upper
180 100
182 95.3 75.8 113.8
145 32.3 25.8 38.6

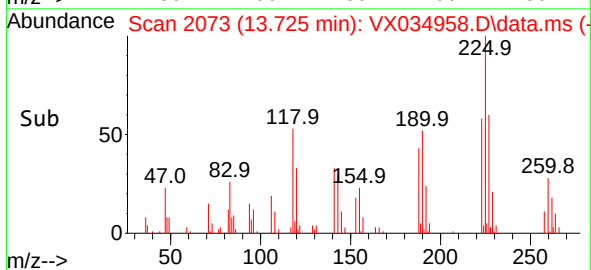
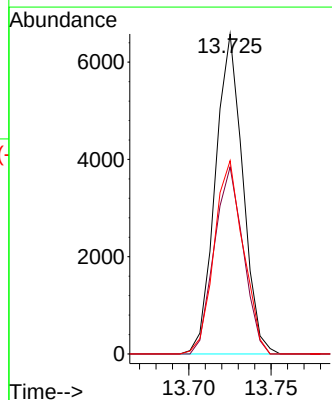
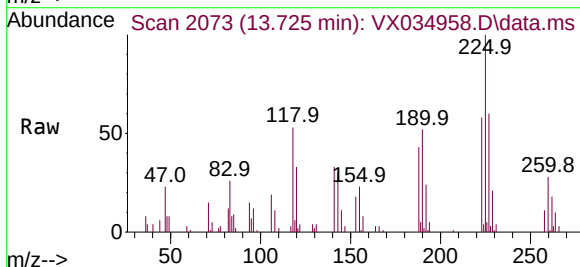
Manual Integrations
APPROVED

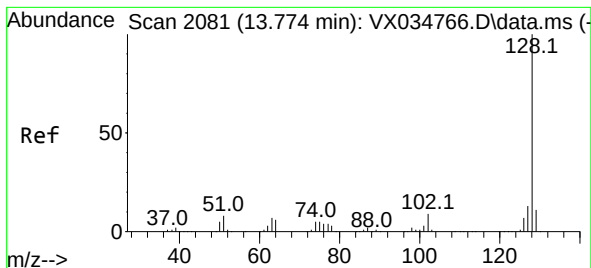
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#90
Hexachlorobutadiene
Concen: 4.967 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034958.D
Acq: 06 Apr 2023 16:37

Tgt Ion:225 Resp: 7627
Ion Ratio Lower Upper
225 100
223 61.6 0.0 124.2
227 64.1 0.0 122.8





#91

Naphthalene

Concen: 4.246 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX034958.D

Acq: 06 Apr 2023 16:37

Instrument :

MSVOA_X

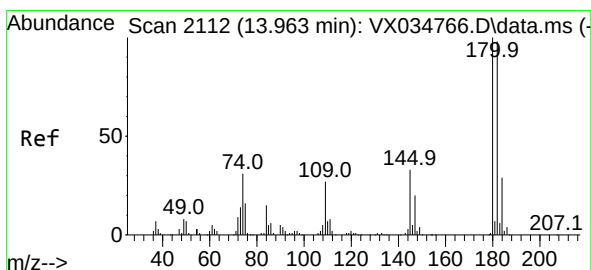
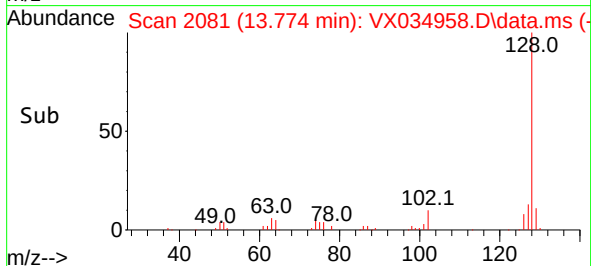
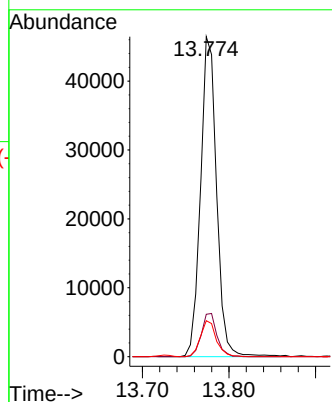
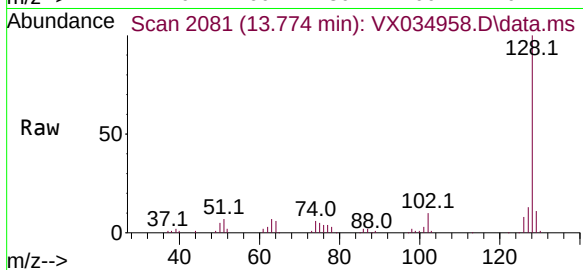
ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion:128 Resp: 59740
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.3 15.5
 129 11.1 8.8 13.2

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023



#92

1,2,3-Trichlorobenzene

Concen: 4.643 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX034958.D

Acq: 06 Apr 2023 16:37

Tgt Ion:180 Resp: 18482
 Ion Ratio Lower Upper
 180 100
 182 93.9 0.0 191.0
 145 34.7 0.0 66.8

