

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022123\
 Data File : VX034213.D
 Acq On : 21 Feb 2023 16:41
 Operator : JC/MD
 Sample : 01627-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2023

Quant Time: Feb 22 03:01:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 02:40:46 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/22/2023
 Supervised By : Mahesh Dadoda 02/22/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	314954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	518650	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	456295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	207091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	188211	44.372	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.740%		
35) Dibromofluoromethane	5.391	113	159565	47.252	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.500%		
50) Toluene-d8	8.647	98	593098	48.918	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.840%		
62) 4-Bromofluorobenzene	11.079	95	208062	44.864	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2456	0.902	ug/l	96
3) Chloromethane	1.300	50	4373	1.117	ug/l	95
4) Vinyl Chloride	1.374	62	4179	1.172	ug/l	97
5) Bromomethane	1.611	94	2959	2.091	ug/l	96
6) Chloroethane	1.691	64	2707	1.510	ug/l	97
7) Trichlorofluoromethane	1.892	101	5642	1.169	ug/l	92
8) Diethyl Ether	2.130	74	2218	1.141	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	3194	0.940	ug/l	99
10) Methyl Iodide	2.459	142	3014	0.728	ug/l	97
11) Tert butyl alcohol	2.953	59	5759	6.070	ug/l #	81
12) 1,1-Dichloroethene	2.318	96	3151	0.925	ug/l	94
13) Acrolein	2.239	56	2431	5.613	ug/l	99
14) Allyl chloride	2.666	41	6390	0.884	ug/l	98
15) Acrylonitrile	3.074	53	10241	4.948	ug/l	97
16) Acetone	2.379	43	9501	4.342	ug/l	92
17) Carbon Disulfide	2.514	76	9223	0.942	ug/l	97
18) Methyl Acetate	2.709	43	5650	0.835	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	11311	0.941	ug/l	91
20) Methylene Chloride	2.788	84	4790	1.215	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	3396	0.951	ug/l	87
22) Diisopropyl ether	3.757	45	12072	0.953	ug/l #	37
23) Vinyl Acetate	3.733	43	48562	4.785	ug/l	99
24) 1,1-Dichloroethane	3.611	63	6429	0.924	ug/l	97
25) 2-Butanone	4.568	43	13596	4.294	ug/l	95
26) 2,2-Dichloropropane	4.483	77	5537	0.879	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	3919	0.927	ug/l	95
28) Bromochloromethane	4.897	49	2647	0.853	ug/l #	90
29) Tetrahydrofuran	5.013	42	10120	5.240	ug/l	92
30) Chloroform	5.098	83	6348	0.951	ug/l	84
31) Cyclohexane	5.470	56	5962	0.941	ug/l #	84
32) 1,1,1-Trichloroethane	5.385	97	5747	0.960	ug/l #	50
36) 1,1-Dichloropropene	5.696	75	4888	0.979	ug/l	97
37) Ethyl Acetate	4.727	43	5446	0.976	ug/l #	78
38) Carbon Tetrachloride	5.672	117	4855	0.945	ug/l #	82
39) Methylcyclohexane	7.385	83	6106	0.950	ug/l #	83
40) Benzene	6.043	78	14572	0.985	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	2781m	0.894	ug/l	
42) 1,2-Dichloroethane	6.092	62	5221	1.003	ug/l	100
43) Isopropyl Acetate	6.348	43	9521	0.967	ug/l	98
44) Trichloroethene	7.135	130	3627	0.955	ug/l	95
45) 1,2-Dichloropropane	7.427	63	3722	0.945	ug/l #	85
46) Dibromomethane	7.580	93	2327	0.897	ug/l	91
47) Bromodichloromethane	7.824	83	4609	0.866	ug/l #	83
48) Methyl methacrylate	7.702	41	3961	0.847	ug/l	94
49) 1,4-Dioxane	7.677	88	1758	18.854	ug/l #	98
51) 4-Methyl-2-Pentanone	8.573	43	26133	4.823	ug/l	100
52) Toluene	8.720	92	9152	1.021	ug/l	98
53) t-1,3-Dichloropropene	8.988	75	4889	0.798	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	5863	0.894	ug/l #	95
55) 1,1,2-Trichloroethane	9.153	97	3256	0.900	ug/l #	90
56) Ethyl methacrylate	9.122	69	5505	0.899	ug/l	98
57) 1,3-Dichloropropane	9.311	76	5936	0.943	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	13092	4.936	ug/l	97
59) 2-Hexanone	9.433	43	19598	4.746	ug/l	97
60) Dibromochloromethane	9.525	129	3501	0.875	ug/l	97
61) 1,2-Dibromoethane	9.610	107	3518	0.919	ug/l	97
64) Tetrachloroethene	9.275	164	3592	1.115	ug/l	84
65) Chlorobenzene	10.079	112	8991	0.945	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	3411	0.926	ug/l #	65
67) Ethyl Benzene	10.195	91	16380	0.959	ug/l	97
68) m/p-Xylenes	10.305	106	12240	1.872	ug/l	98
69) o-Xylene	10.640	106	6397	0.983	ug/l	98
70) Styrene	10.658	104	9491	0.896	ug/l	96
71) Bromoform	10.799	173	2376	0.791	ug/l #	98
73) Isopropylbenzene	10.963	105	15152	0.960	ug/l	100
74) N-amyl acetate	10.847	43	6968	0.879	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	5475	1.014	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	4683m	0.899	ug/l	
77) Bromobenzene	11.195	156	3927	1.034	ug/l	86
78) n-propylbenzene	11.305	91	17323	0.944	ug/l	97
79) 2-Chlorotoluene	11.366	91	10981	0.976	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	13016	0.981	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	1520m	0.749	ug/l	
82) 4-Chlorotoluene	11.457	91	12495	0.975	ug/l	91
83) tert-Butylbenzene	11.713	119	12857	0.946	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	11936	0.890	ug/l	99
85) sec-Butylbenzene	11.890	105	14990	0.908	ug/l	98
86) p-Isopropyltoluene	12.012	119	12405	0.908	ug/l	91
87) 1,3-Dichlorobenzene	11.969	146	6923	0.972	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	7867m	1.095	ug/l	
89) n-Butylbenzene	12.335	91	10180	0.837	ug/l	98
90) Hexachloroethane	12.542	117	2437	0.853	ug/l	76
91) 1,2-Dichlorobenzene	12.341	146	7448	1.069	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1179	0.916	ug/l	67
93) 1,2,4-Trichlorobenzene	13.591	180	3993	0.892	ug/l	100
94) Hexachlorobutadiene	13.725	225	1859	1.002	ug/l	95
95) Naphthalene	13.780	128	13744	0.912	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	3889	0.875	ug/l	95

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

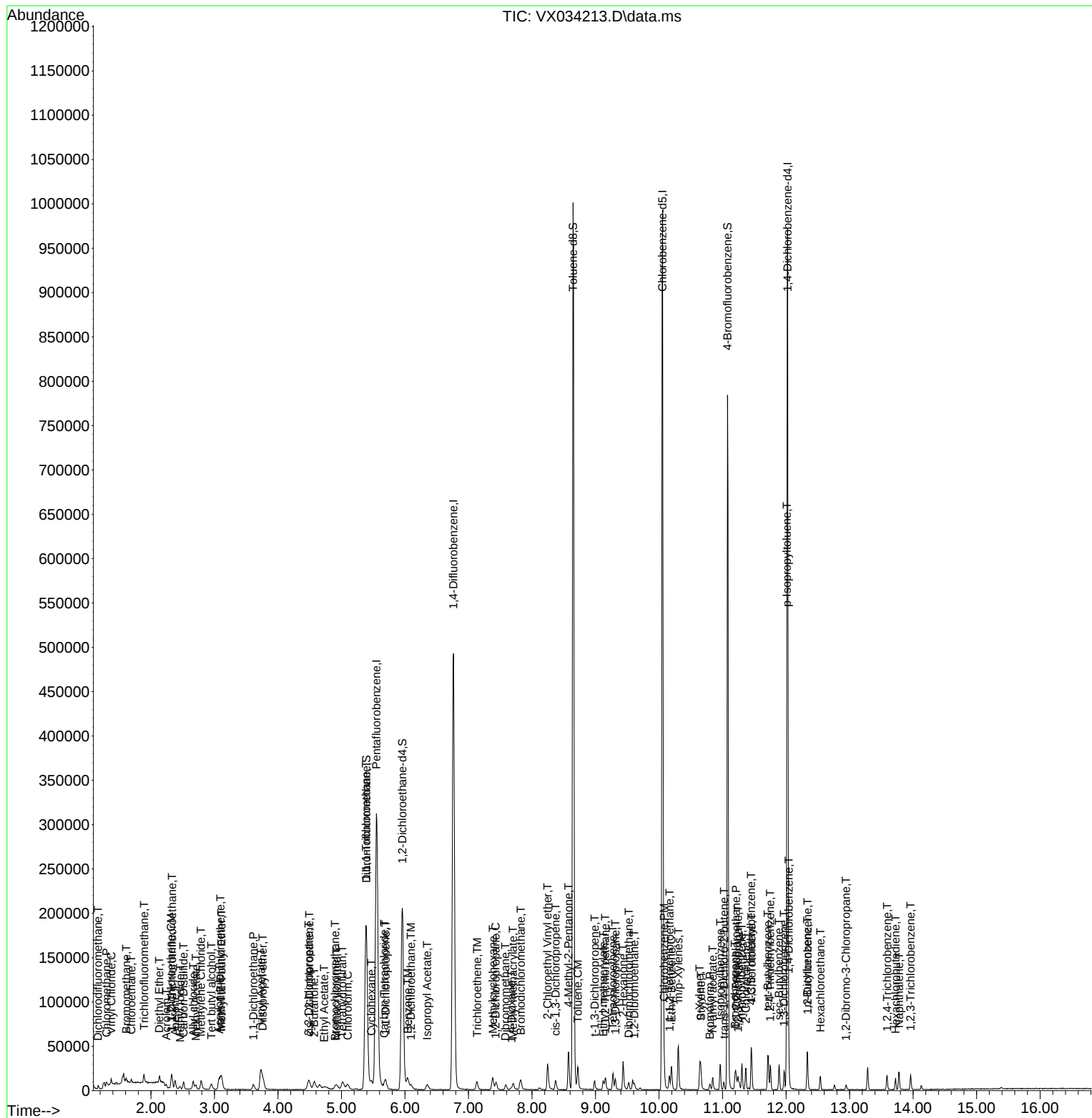
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022123\
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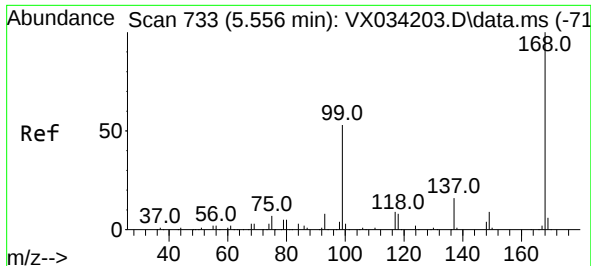
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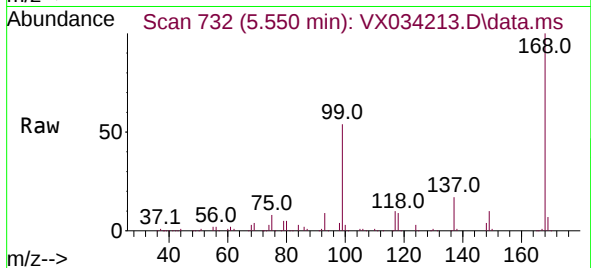
Reviewed By :John Carlone 02/22/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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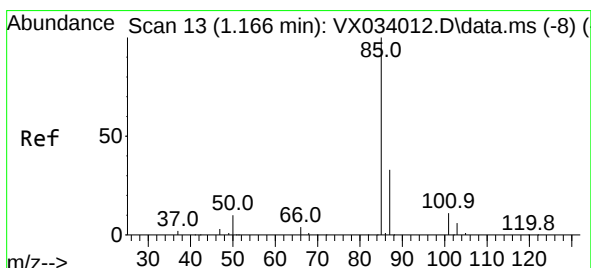
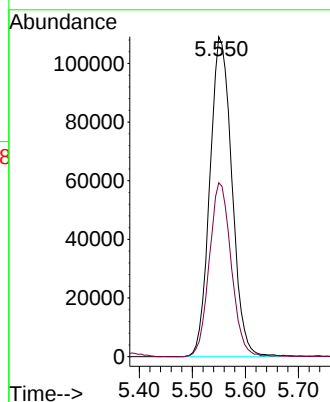
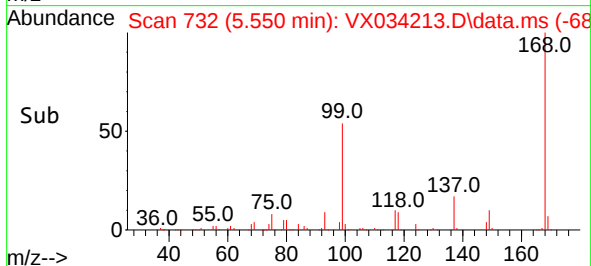
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:168 Resp: 314954
Ion Ratio Lower Upper
168 100
99 54.3 39.6 59.4

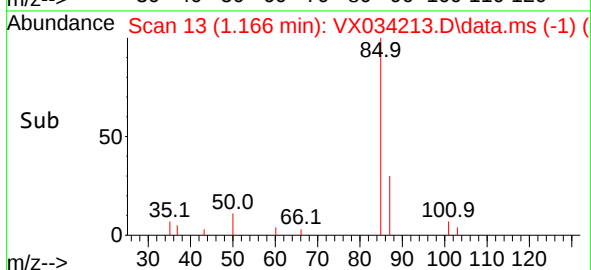
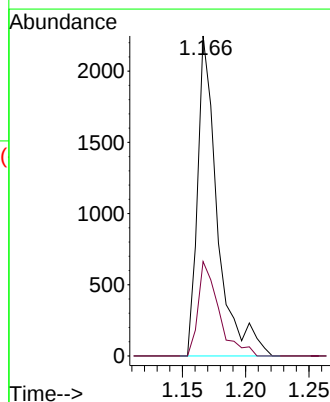
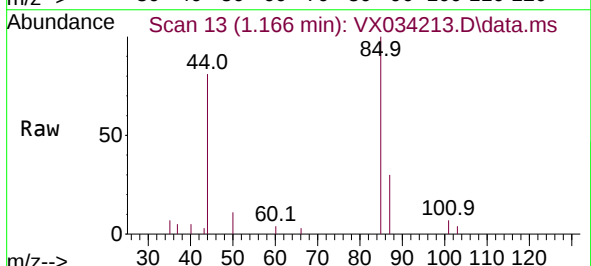
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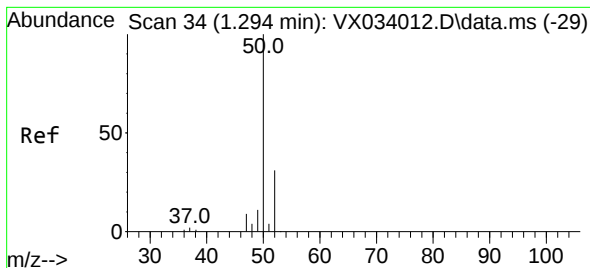
Reviewed By :John Carlone 02/22/2023
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#2
Dichlorodifluoromethane
Concen: 0.902 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Tgt Ion: 85 Resp: 2456
Ion Ratio Lower Upper
85 100
87 29.5 15.8 47.4





#3

Chloromethane

Concen: 1.117 ug/l

RT: 1.300 min Scan# 34

Delta R.T. 0.006 min

Lab File: VX034213.D

Acq: 21 Feb 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion: 50 Resp: 437

Ion Ratio Lower Upper

50 100

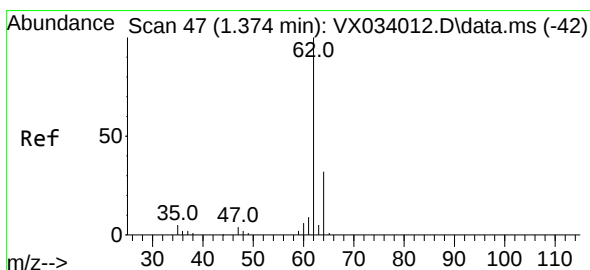
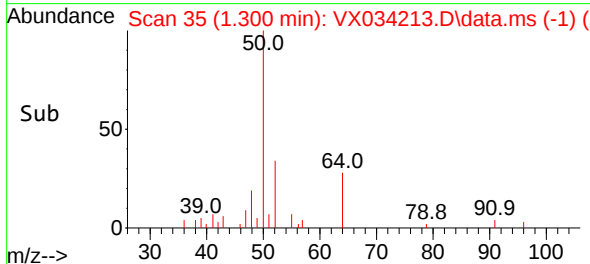
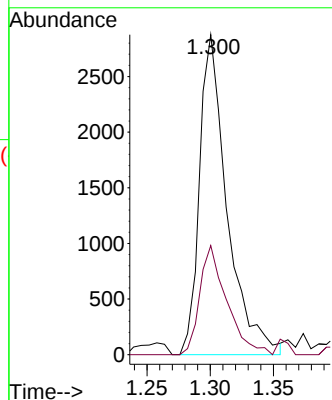
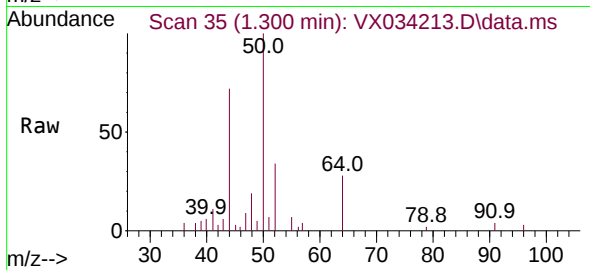
52 34.1 25.2 37.8

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 02/22/2023



#4

Vinyl Chloride

Concen: 1.172 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX034213.D

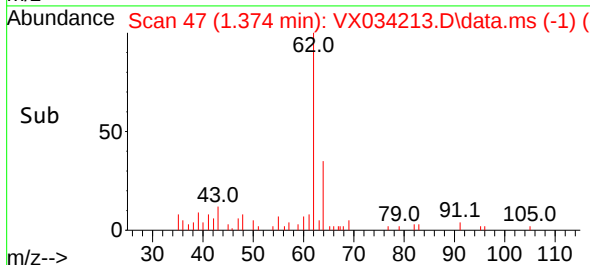
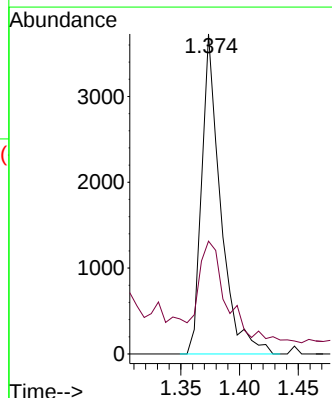
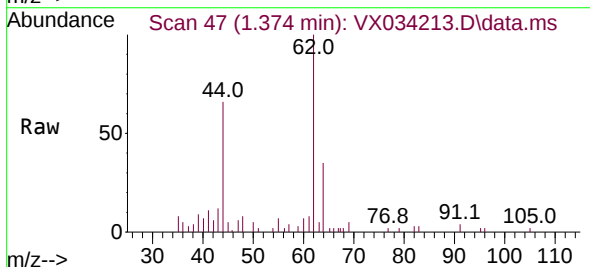
Acq: 21 Feb 2023 16:41

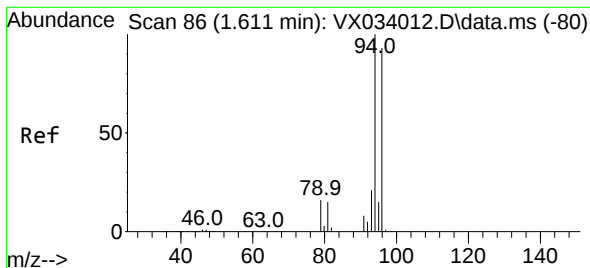
Tgt Ion: 62 Resp: 4179

Ion Ratio Lower Upper

62 100

64 30.9 26.2 39.4





#5

Bromomethane

Concen: 2.091 ug/l

RT: 1.611 min Scan# 80

Delta R.T. 0.012 min

Lab File: VX034213.D

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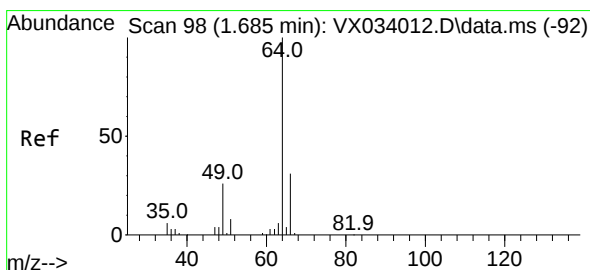
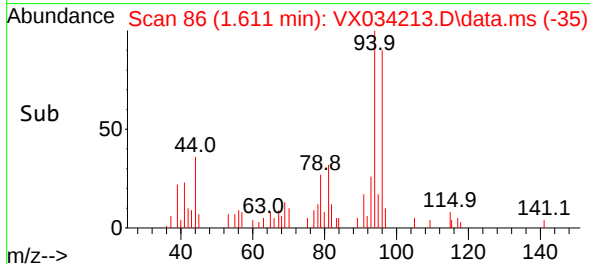
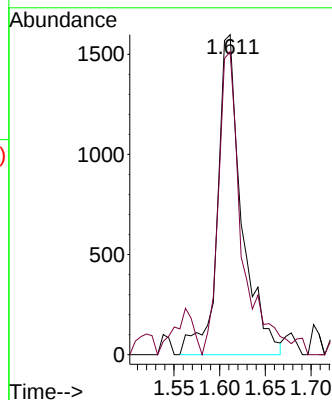
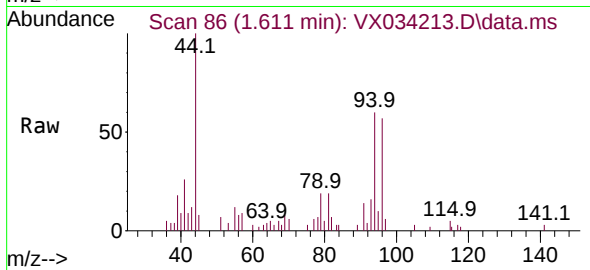
Tgt Ion: 94 Resp: 2958
 Ion Ratio Lower Upper
 94 100
 96 89.0 74.3 111.5

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#6

Chloroethane

Concen: 1.510 ug/l

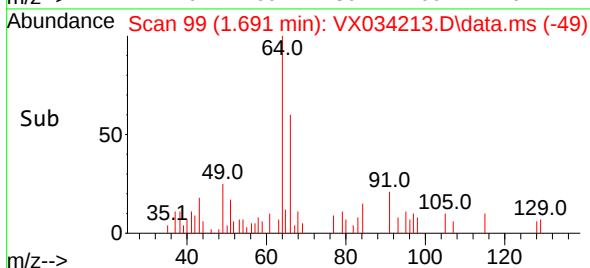
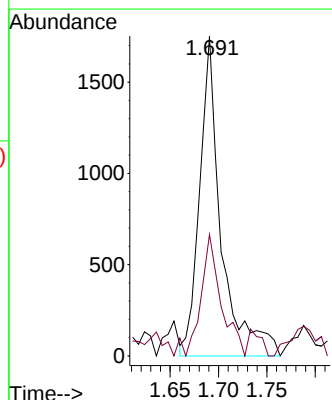
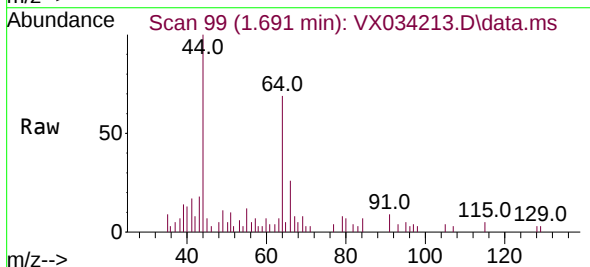
RT: 1.691 min Scan# 99

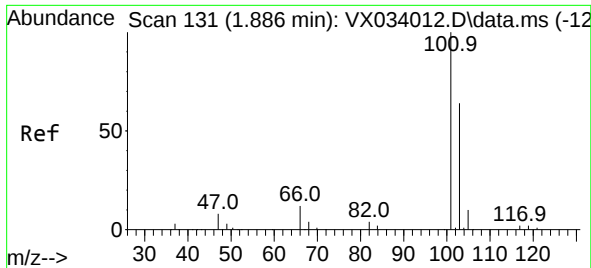
Delta R.T. 0.006 min

Lab File: VX034213.D

Acq: 21 Feb 2023 16:41

Tgt Ion: 64 Resp: 2707
 Ion Ratio Lower Upper
 64 100
 66 34.3 26.1 39.1





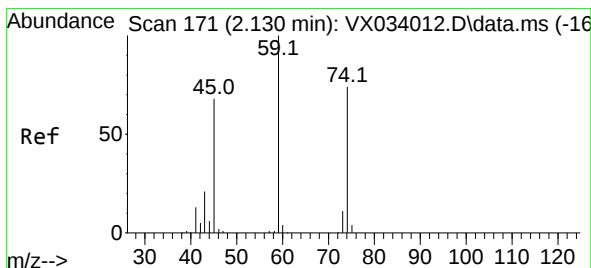
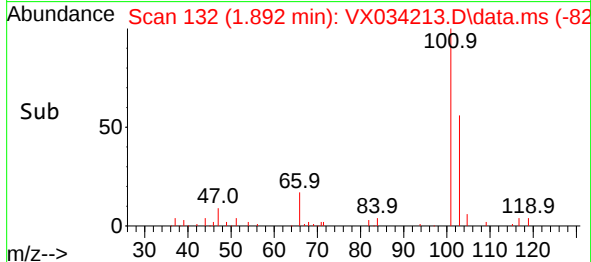
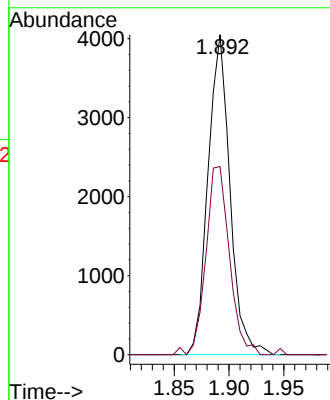
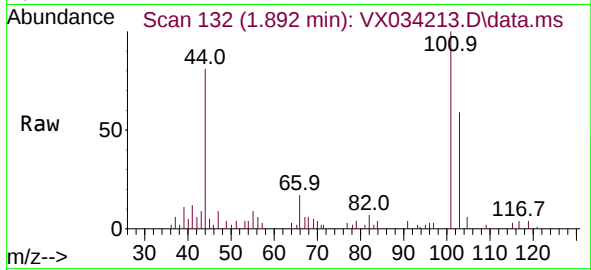
#7
Trichlorofluoromethane
Concen: 1.169 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034213.D
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Instrument :
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ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:101 Resp: 564
Ion Ratio Lower Upper
101 100
103 56.9 50.6 75.8

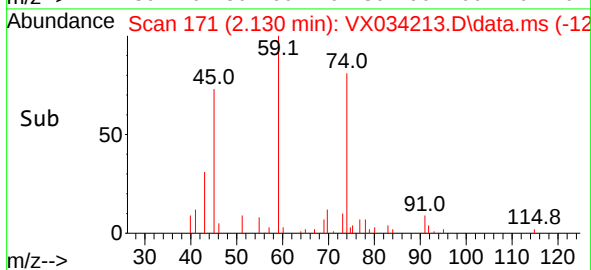
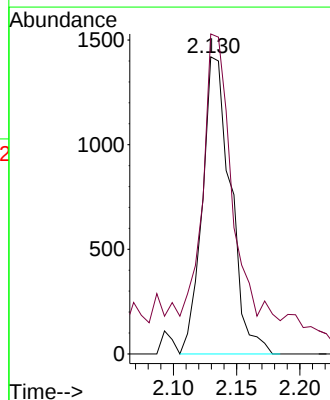
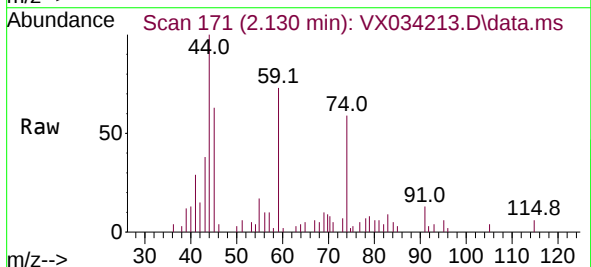
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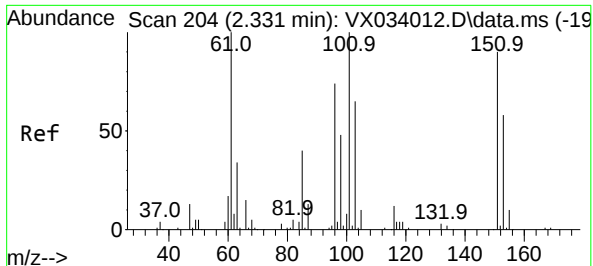
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#8
Diethyl Ether
Concen: 1.141 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Tgt Ion: 74 Resp: 2218
Ion Ratio Lower Upper
74 100
45 98.5 51.5 154.5





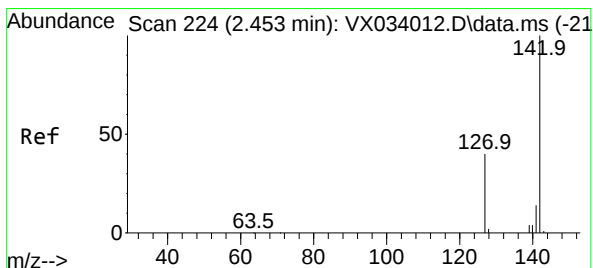
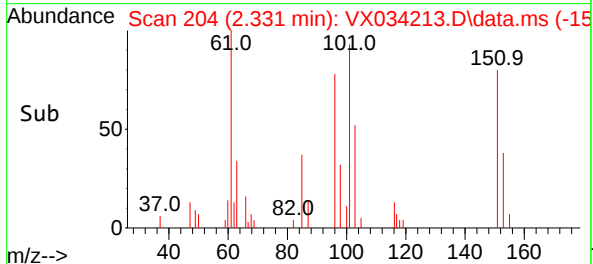
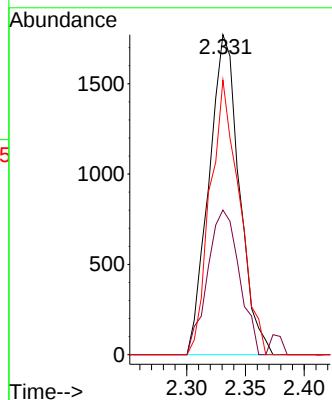
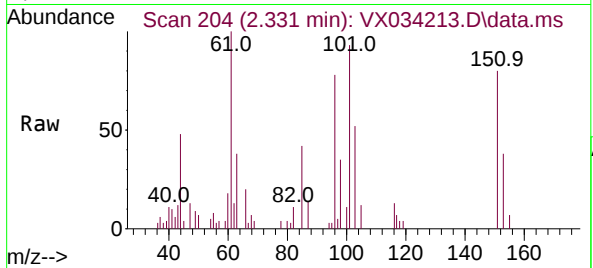
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.940 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:101 Resp: 3194
Ion Ratio Lower Upper
101 100
85 47.2 36.7 55.1
151 82.5 66.5 99.7

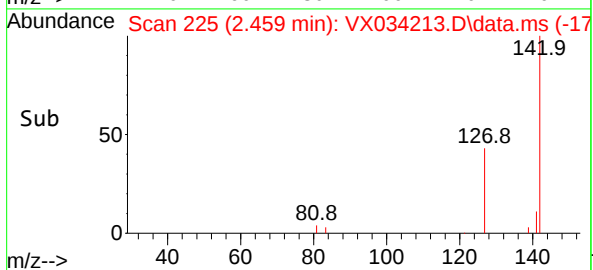
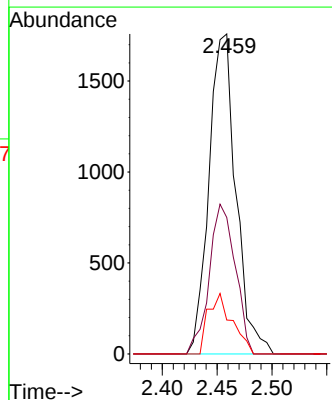
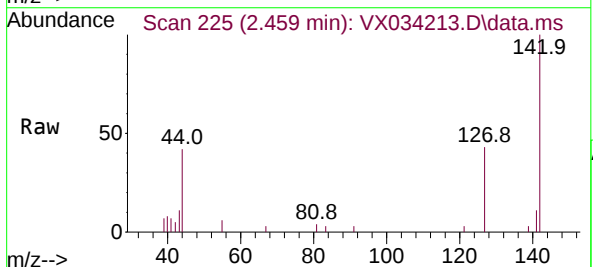
Manual Integrations
APPROVED

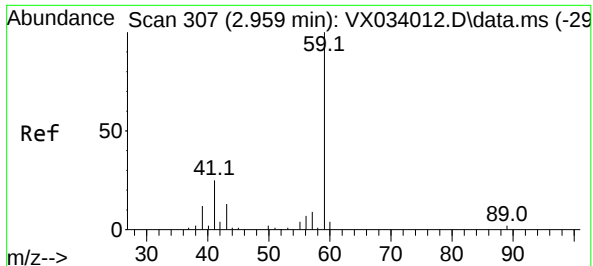
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#10
Methyl Iodide
Concen: 0.728 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Tgt Ion:142 Resp: 3014
Ion Ratio Lower Upper
142 100
127 45.1 37.3 55.9
141 16.7 11.5 17.3





#11

Tert butyl alcohol

Concen: 6.070 ug/l

RT: 2.953 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX034213.D

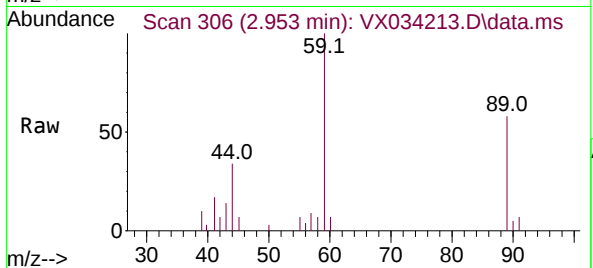
Acq: 21 Feb 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023



Tgt Ion: 59 Resp: 575

Ion Ratio Lower Upper

59 100

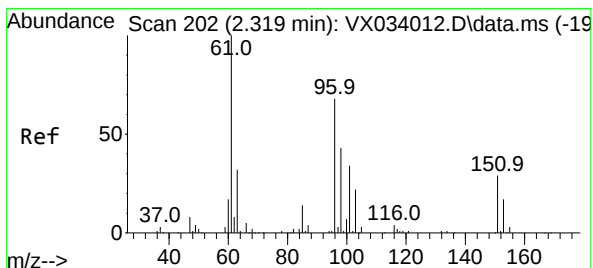
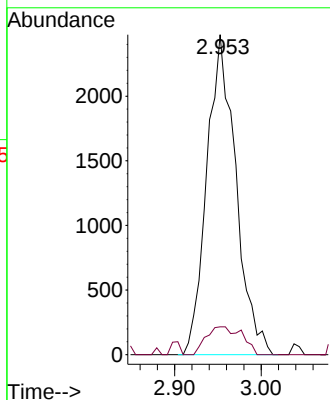
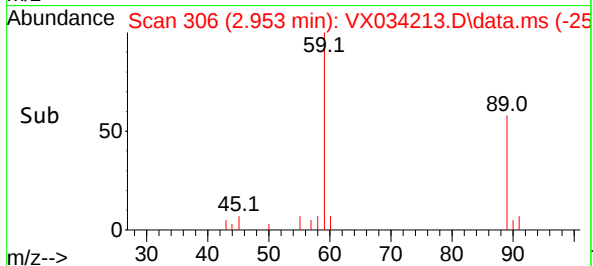
57 10.7 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#12

1,1-Dichloroethene

Concen: 0.925 ug/l

RT: 2.318 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX034213.D

Acq: 21 Feb 2023 16:41

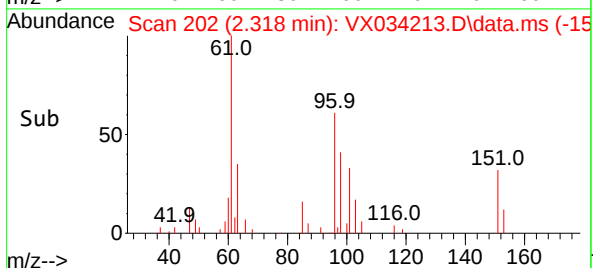
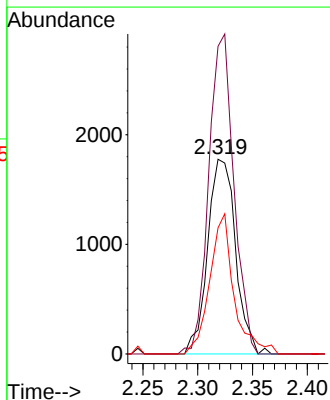
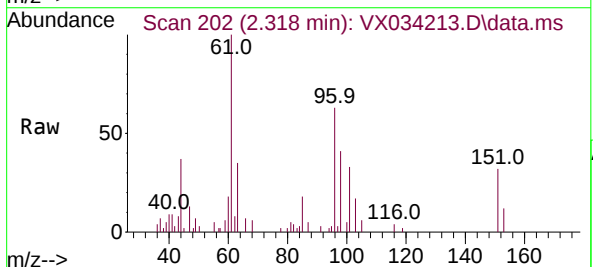
Tgt Ion: 96 Resp: 3151

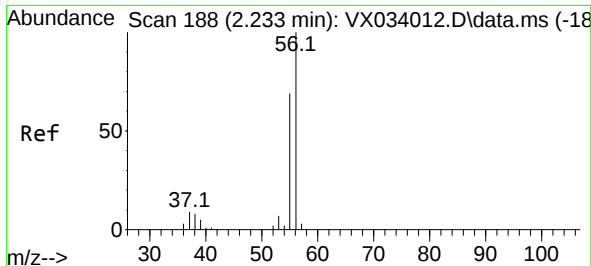
Ion Ratio Lower Upper

96 100

61 158.0 134.2 201.4

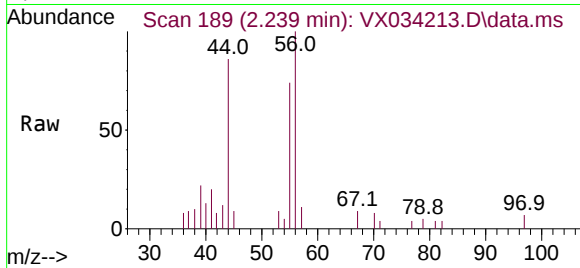
98 64.8 50.2 75.2





#13
Acrolein
Concen: 5.613 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

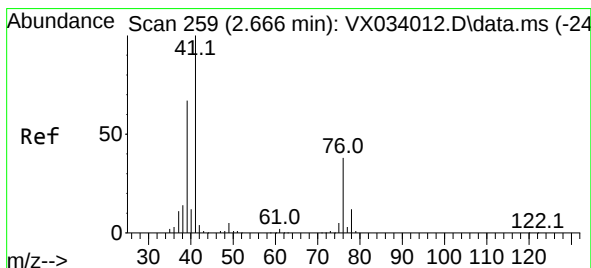
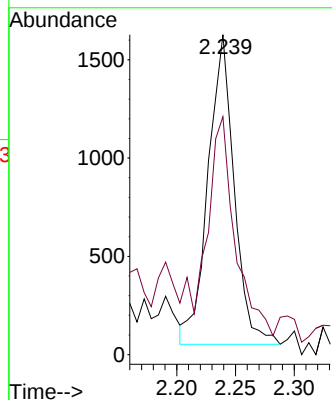
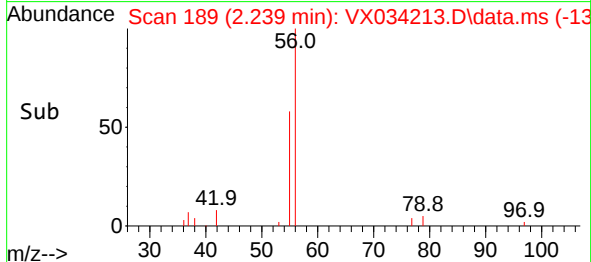
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023



Tgt Ion: 56 Resp: 243
Ion Ratio Lower Upper
56 100
55 71.0 56.3 84.5

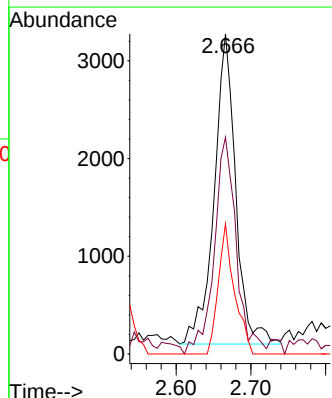
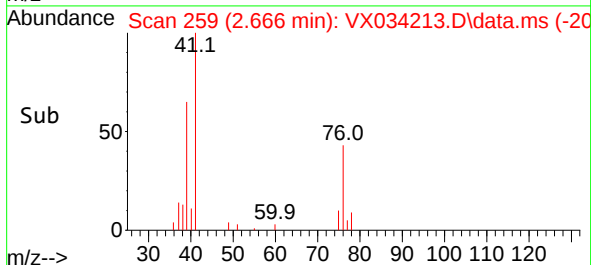
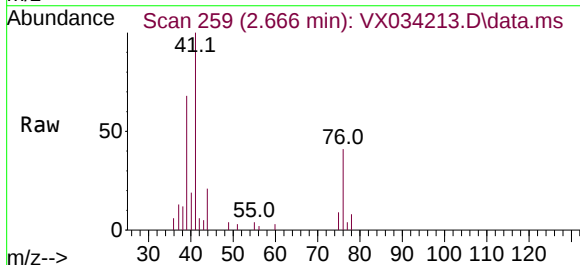
Manual Integrations
APPROVED

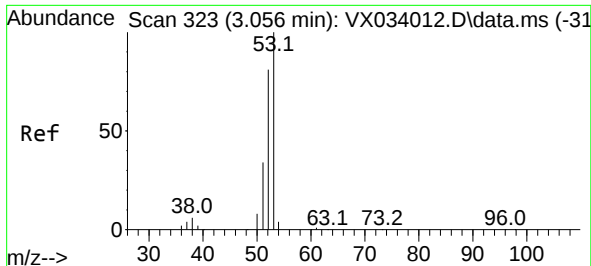
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#14
Allyl chloride
Concen: 0.884 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Tgt Ion: 41 Resp: 6390
Ion Ratio Lower Upper
41 100
39 71.3 59.0 88.4
76 31.2 24.6 37.0





#15

Acrylonitrile

Concen: 4.948 ug/l

RT: 3.074 min Scan# 31

Delta R.T. 0.018 min

Lab File: VX034213.D

Acq: 21 Feb 2023 16:41

Instrument :

MSVOA_X

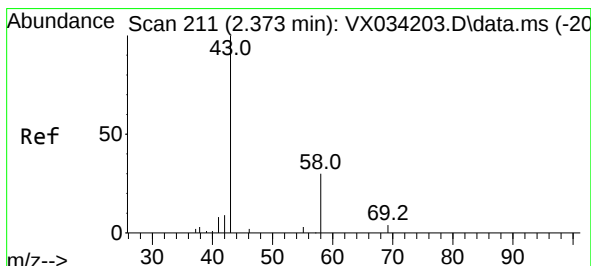
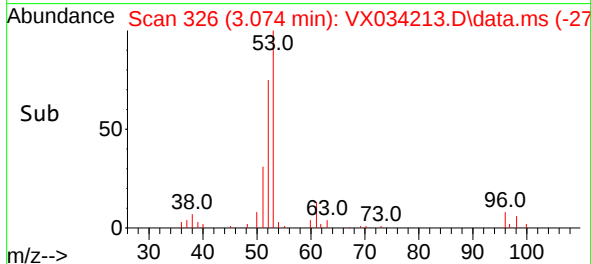
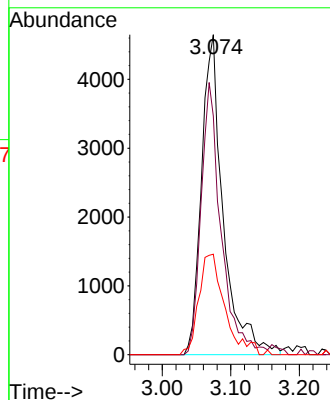
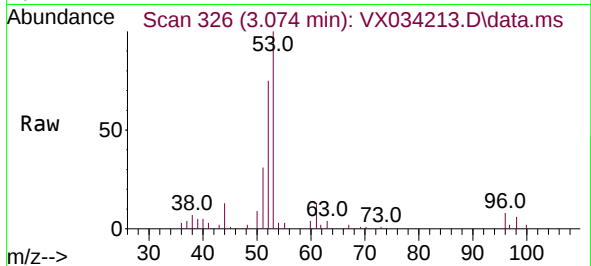
ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion: 53	Resp: 1024
Ion Ratio	Lower Upper
53 100	
52 78.4	65.7 98.5
51 37.3	29.0 43.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#16

Acetone

Concen: 4.342 ug/l

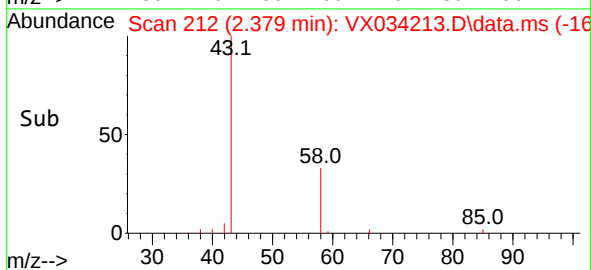
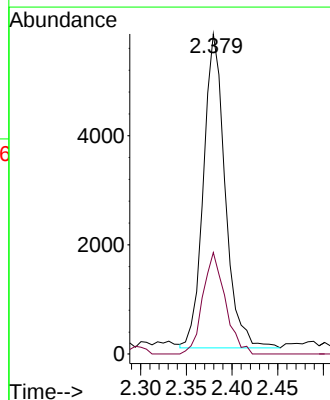
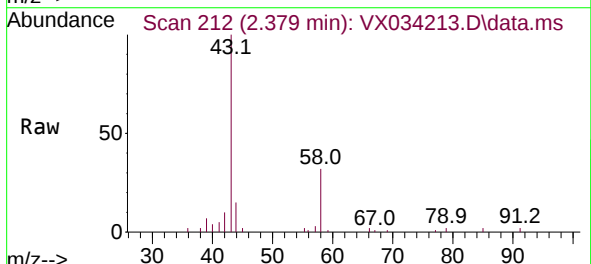
RT: 2.379 min Scan# 212

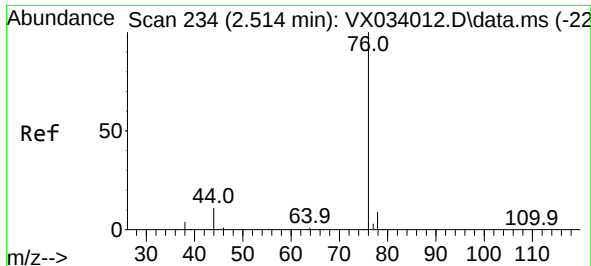
Delta R.T. 0.006 min

Lab File: VX034213.D

Acq: 21 Feb 2023 16:41

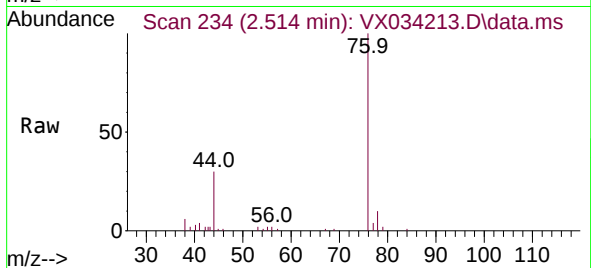
Tgt Ion: 43	Resp: 9501
Ion Ratio	Lower Upper
43 100	
58 32.3	22.6 33.8





#17
Carbon Disulfide
Concen: 0.942 ug/l
RT: 2.514 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

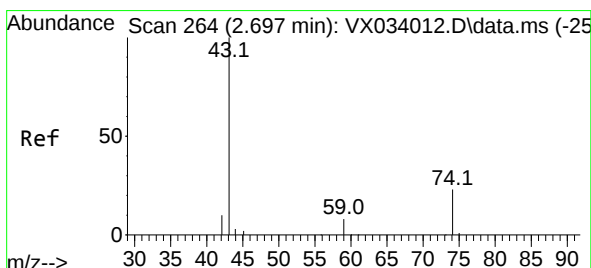
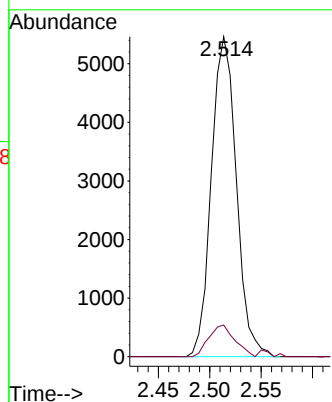
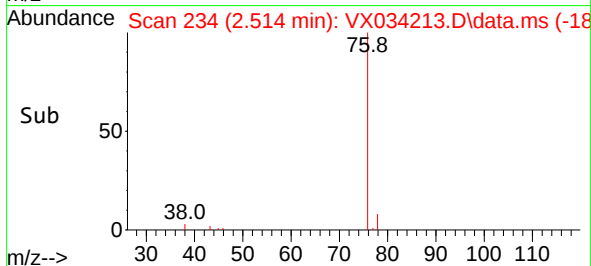
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 76 Resp: 922
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6

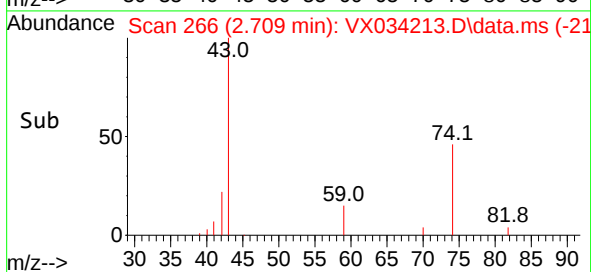
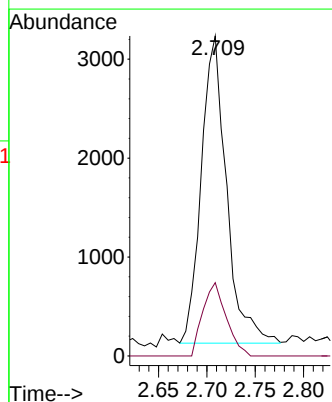
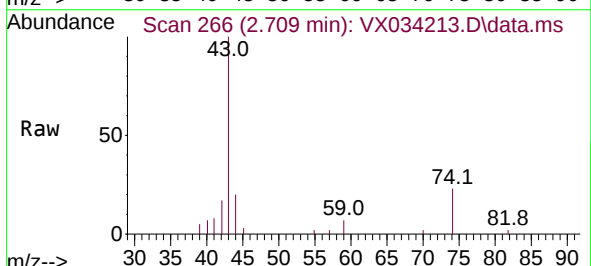
Manual Integrations
APPROVED

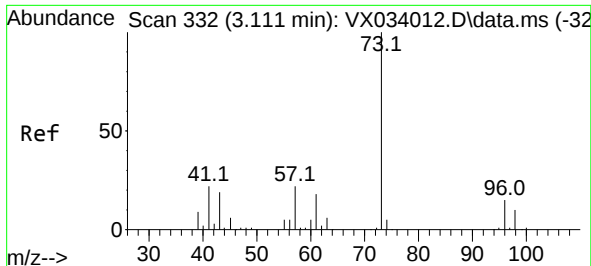
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#18
Methyl Acetate
Concen: 0.835 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Tgt Ion: 43 Resp: 5650
Ion Ratio Lower Upper
43 100
74 22.1 18.2 27.4





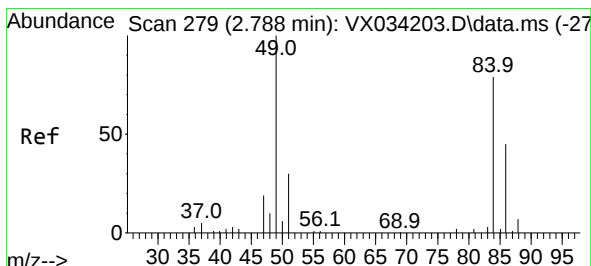
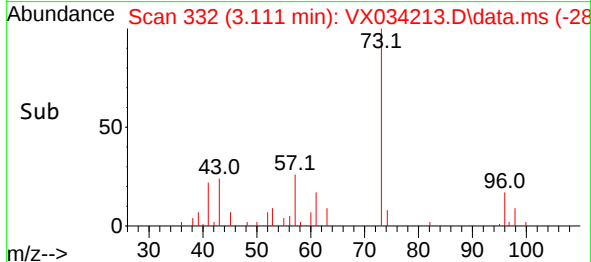
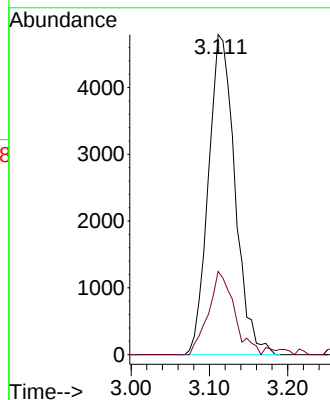
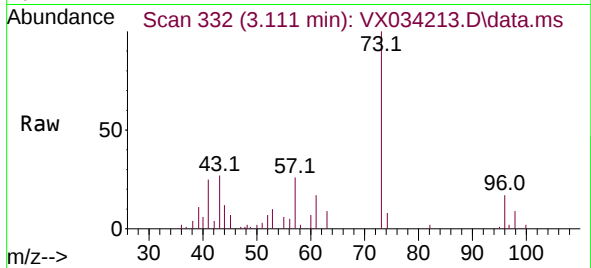
#19
Methyl tert-butyl Ether
Concen: 0.941 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 73 Resp: 1131
Ion Ratio Lower Upper
73 100
57 26.0 17.4 26.0

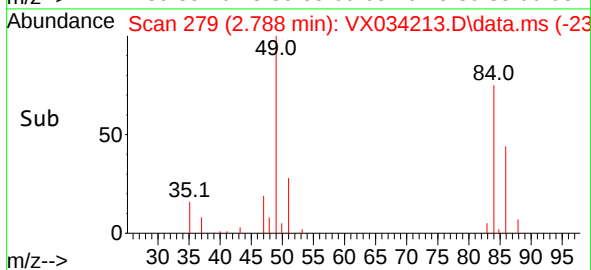
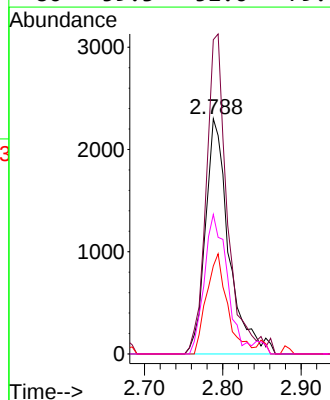
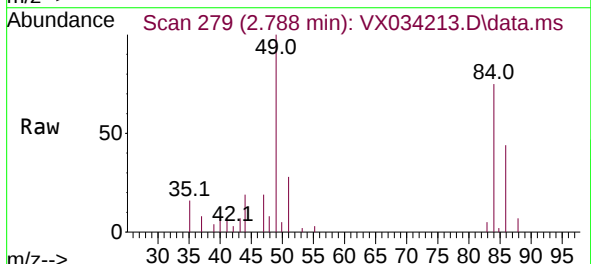
Manual Integrations
APPROVED

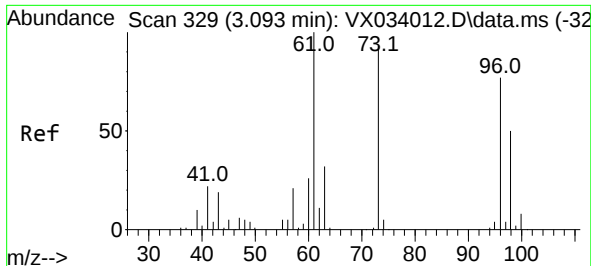
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#20
Methylene Chloride
Concen: 1.215 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

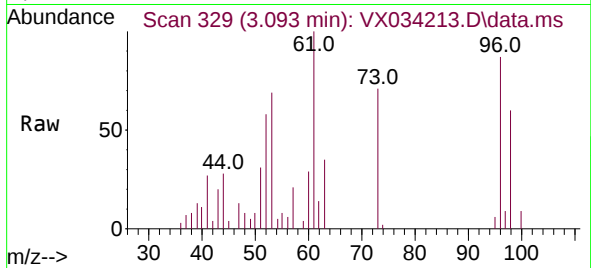
Tgt Ion: 84 Resp: 4790
Ion Ratio Lower Upper
84 100
49 133.6 101.1 151.7
51 37.4 31.0 46.6
86 59.3 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 0.951 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

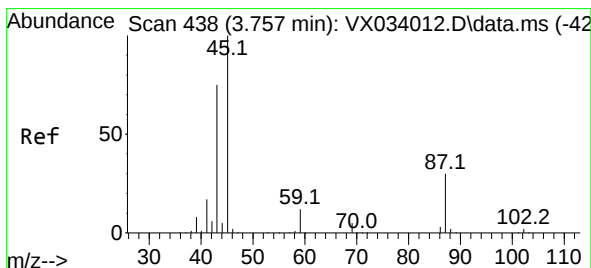
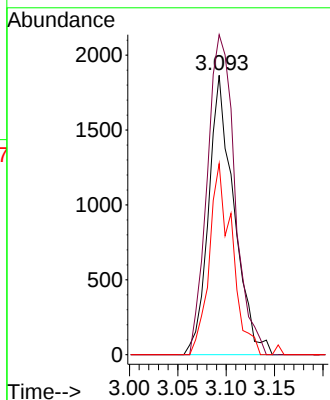
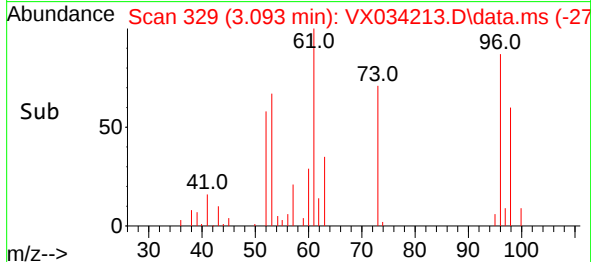
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023



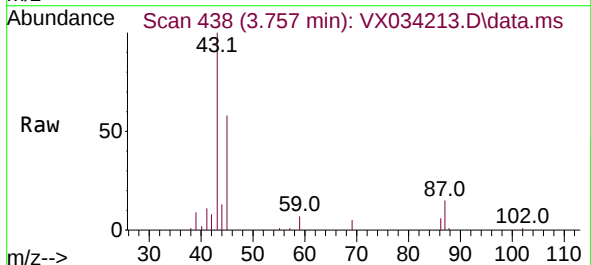
Tgt Ion: 96 Resp: 3390
Ion Ratio Lower Upper
96 100
61 114.5 106.7 160.1
98 68.4 50.0 75.0

Manual Integrations
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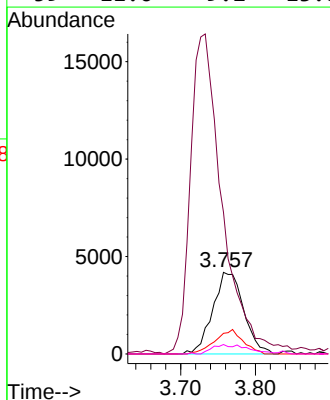
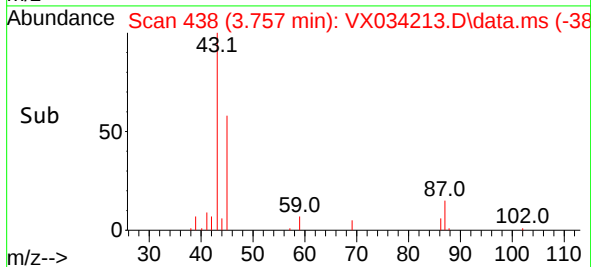
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#22
Diisopropyl ether
Concen: 0.953 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41



Tgt Ion: 45 Resp: 12072
Ion Ratio Lower Upper
45 100
43 162.2 64.6 97.0#
87 25.3 21.9 32.9
59 11.6 9.2 13.8





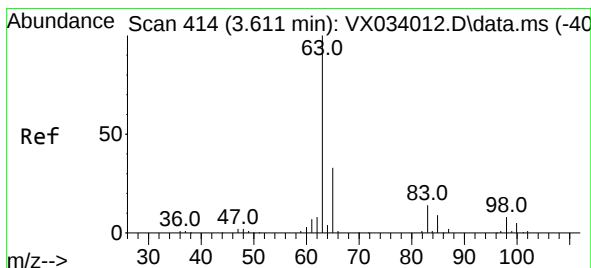
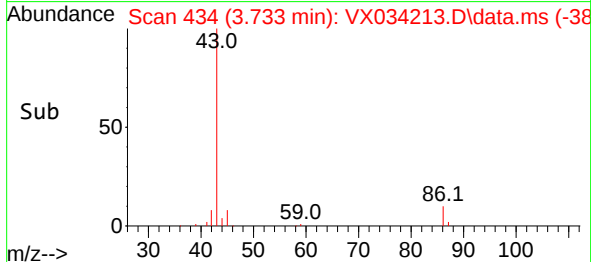
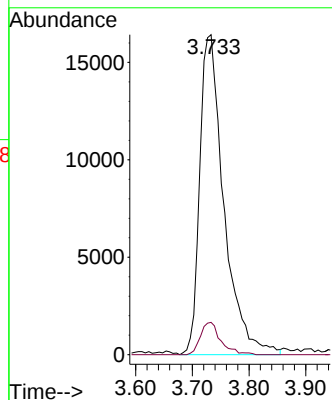
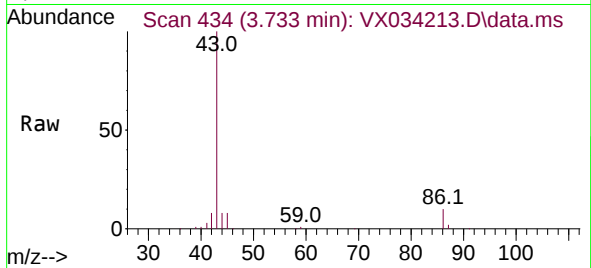
#23
 Vinyl Acetate
 Concen: 4.785 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: VX034213.D
 Acq: 21 Feb 2023 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2023

Tgt Ion: 43 Resp: 4856
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.4 12.6

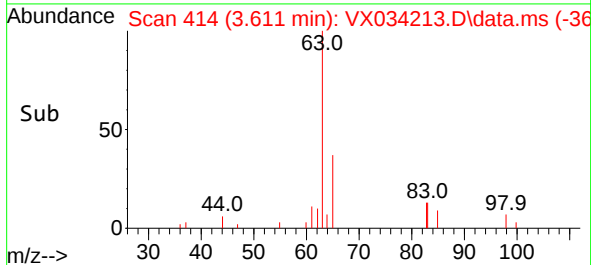
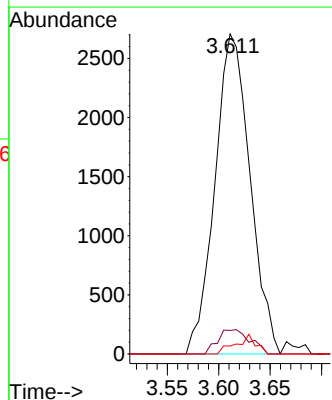
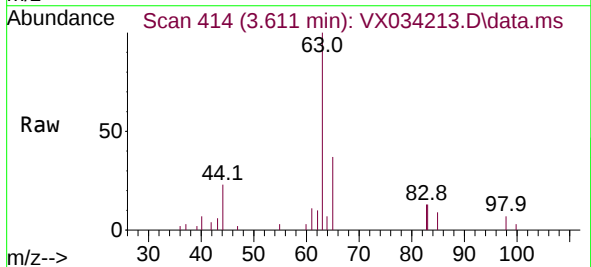
Manual Integrations
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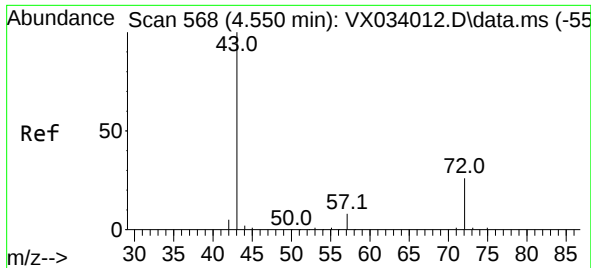
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023



#24
 1,1-Dichloroethane
 Concen: 0.924 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034213.D
 Acq: 21 Feb 2023 16:41

Tgt Ion: 63 Resp: 6429
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.2
 100 2.5 2.4 7.2





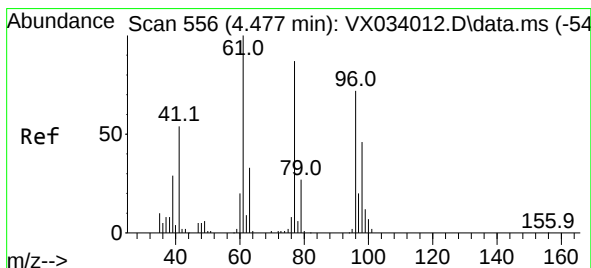
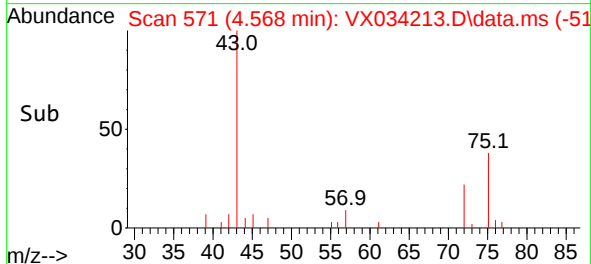
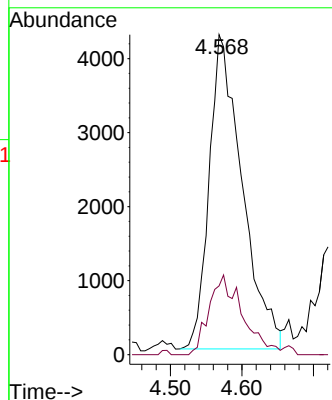
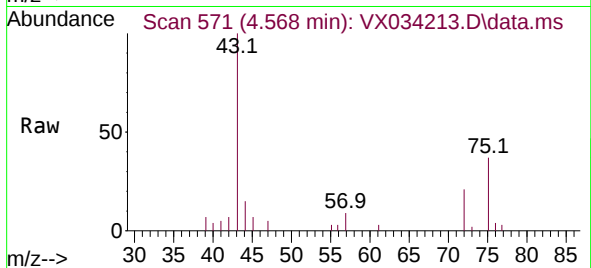
#25
2-Butanone
Concen: 4.294 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 43 Resp: 13590
Ion Ratio Lower Upper
43 100
72 21.9 19.4 29.2

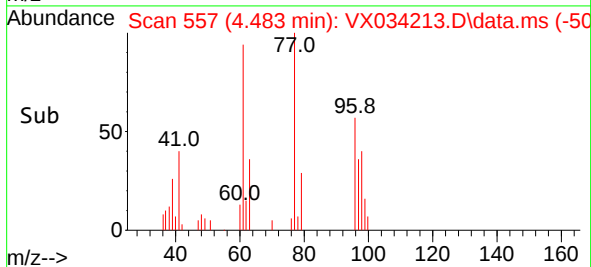
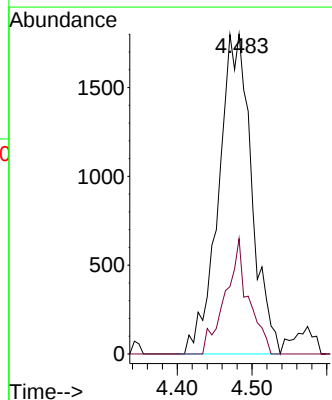
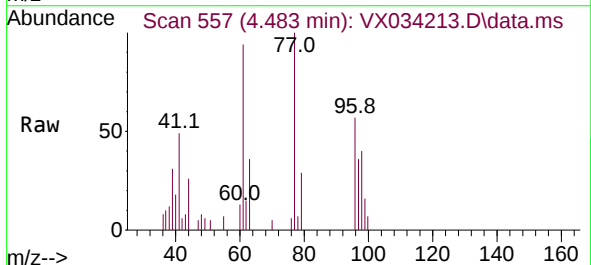
Manual Integrations
APPROVED

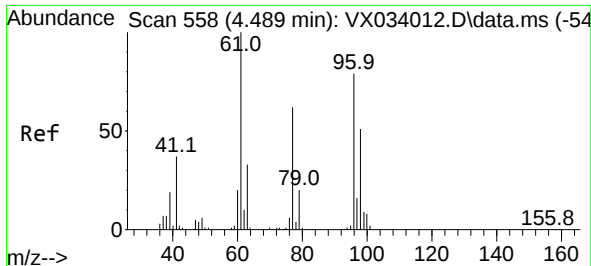
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#26
2,2-Dichloropropane
Concen: 0.879 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.012 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Tgt Ion: 77 Resp: 5537
Ion Ratio Lower Upper
77 100
97 25.3 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 0.927 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX034213.D

Acq: 21 Feb 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

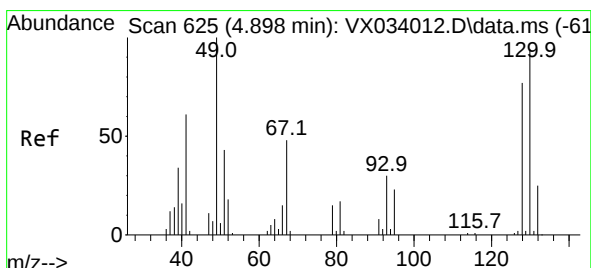
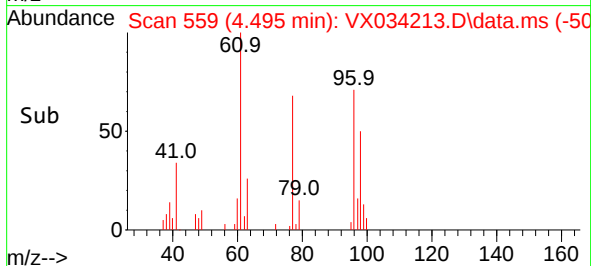
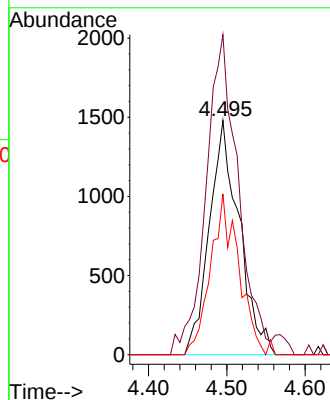
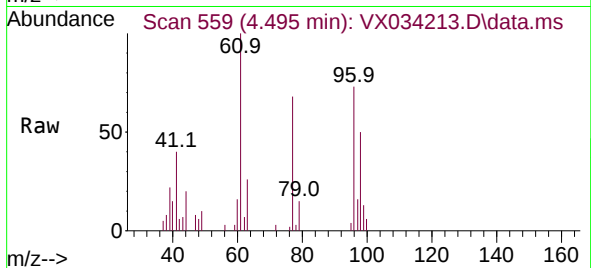
Tgt Ion: 96	Resp: 3919
Ion Ratio	Lower Upper
96 100	
61 146.6	0.0 277.6
98 64.4	0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#28

Bromochloromethane

Concen: 0.853 ug/l

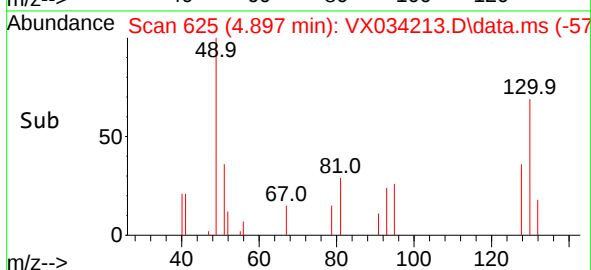
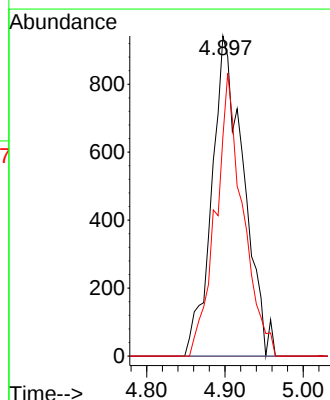
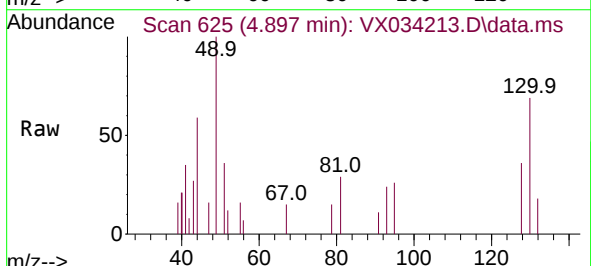
RT: 4.897 min Scan# 625

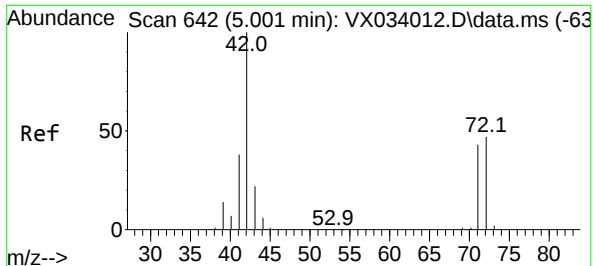
Delta R.T. 0.006 min

Lab File: VX034213.D

Acq: 21 Feb 2023 16:41

Tgt Ion: 49	Resp: 2647
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 4.6
130 75.9	68.5 102.7





#29

Tetrahydrofuran

Concen: 5.240 ug/l

RT: 5.013 min Scan# 642

Delta R.T. 0.018 min

Lab File: VX034213.D

Acq: 21 Feb 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

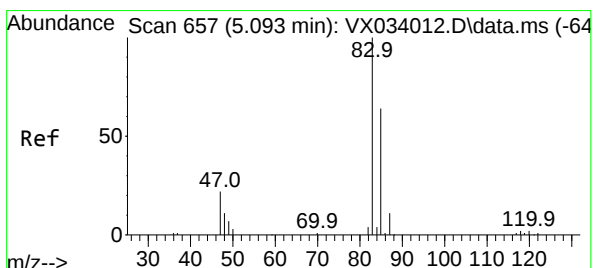
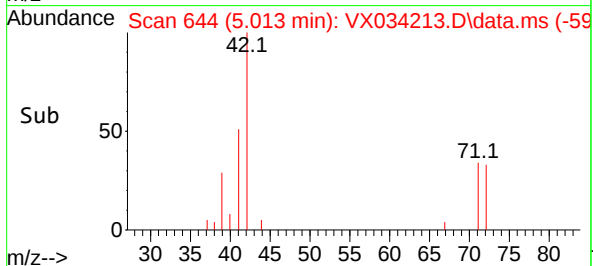
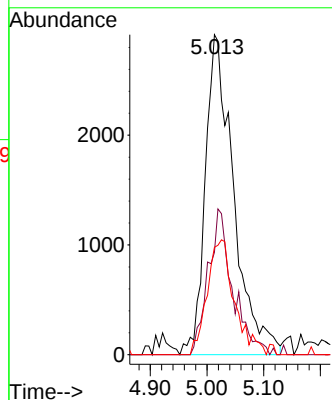
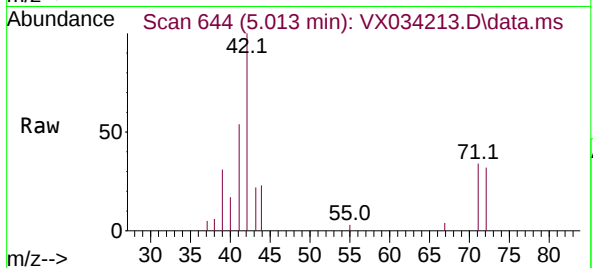
Tgt Ion:	42	Resp:	10120
Ion	Ratio	Lower	Upper
42	100		
72	39.6	34.8	52.2
71	34.4	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#30

Chloroform

Concen: 0.951 ug/l

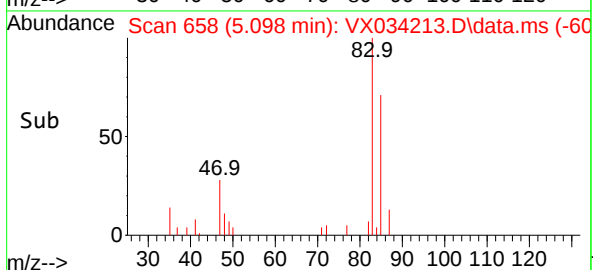
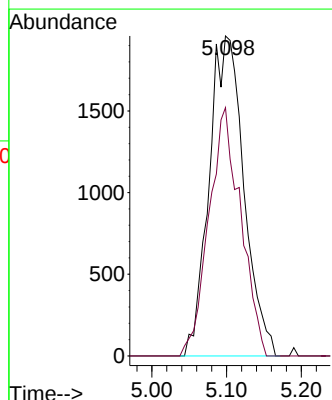
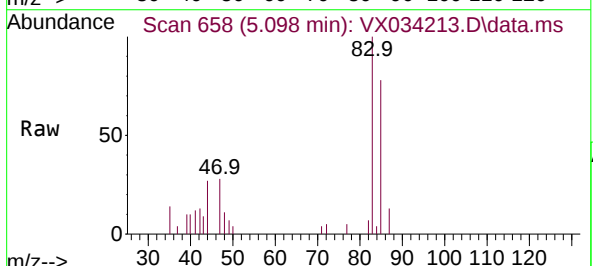
RT: 5.098 min Scan# 658

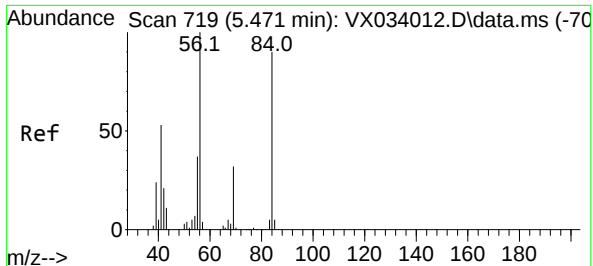
Delta R.T. 0.006 min

Lab File: VX034213.D

Acq: 21 Feb 2023 16:41

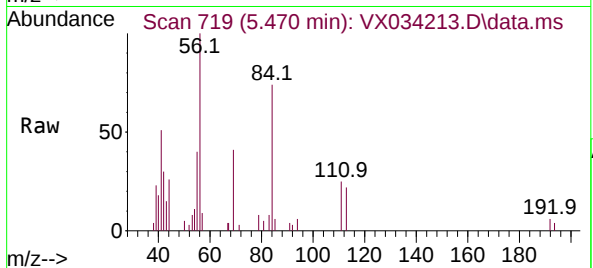
Tgt Ion:	83	Resp:	6348
Ion	Ratio	Lower	Upper
83	100		
85	77.6	52.1	78.1





#31
Cyclohexane
Concen: 0.941 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

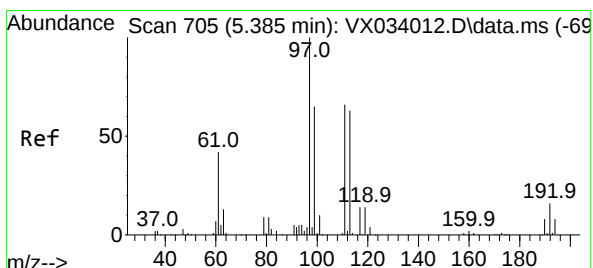
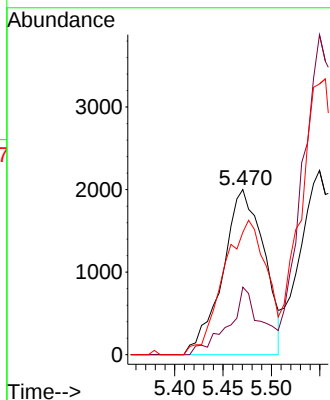
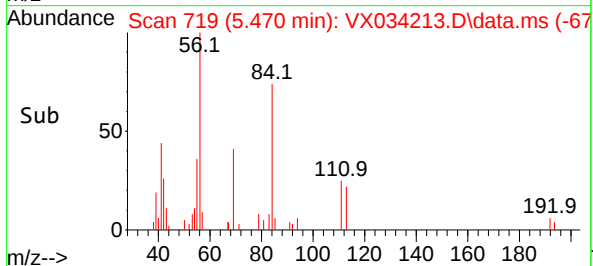
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 56 Resp: 5962
Ion Ratio Lower Upper
56 100
69 40.9 24.6 37.0
84 74.2 71.0 106.6

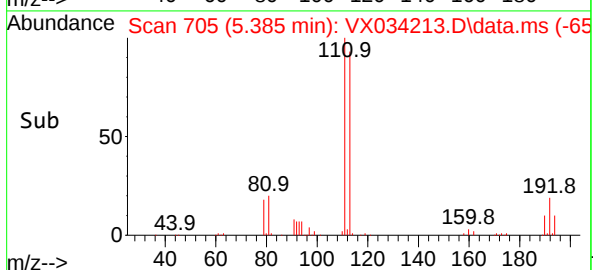
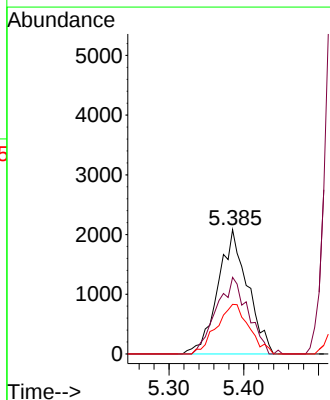
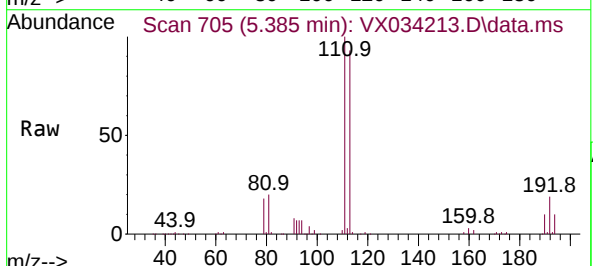
Manual Integrations
APPROVED

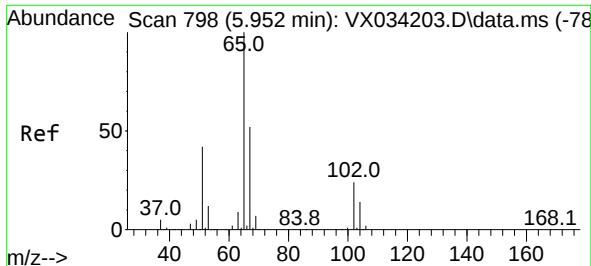
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#32
1,1,1-Trichloroethane
Concen: 0.960 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Tgt Ion: 97 Resp: 5747
Ion Ratio Lower Upper
97 100
99 0.0 52.3 78.5
61 43.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 44.372 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034213.D

Acq: 21 Feb 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion: 65 Resp: 18821

Ion Ratio Lower Upper

65 100

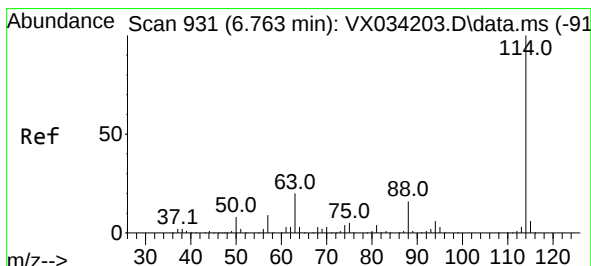
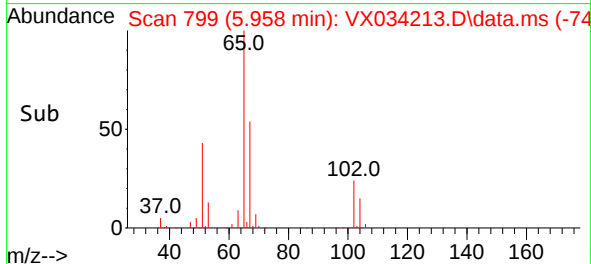
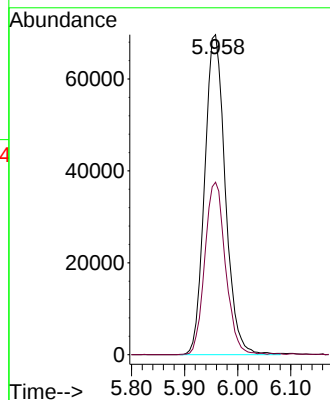
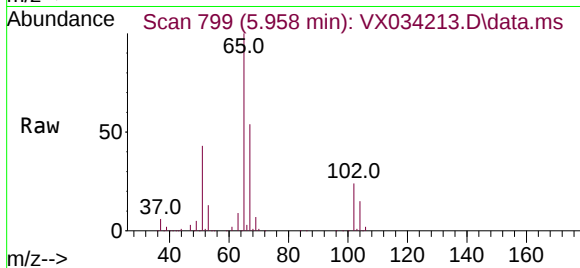
67 54.1 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034213.D

Acq: 21 Feb 2023 16:41

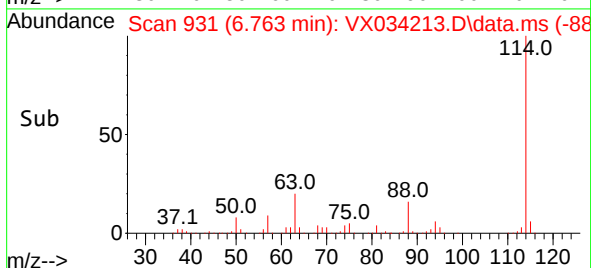
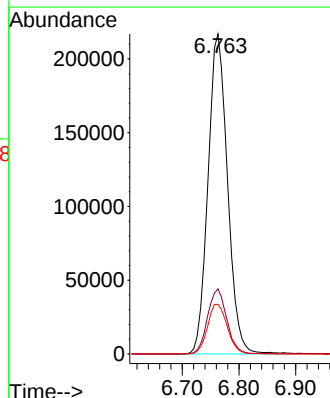
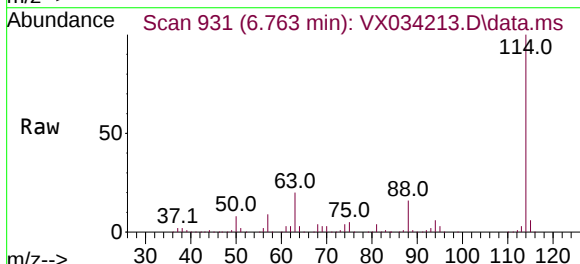
Tgt Ion:114 Resp: 518650

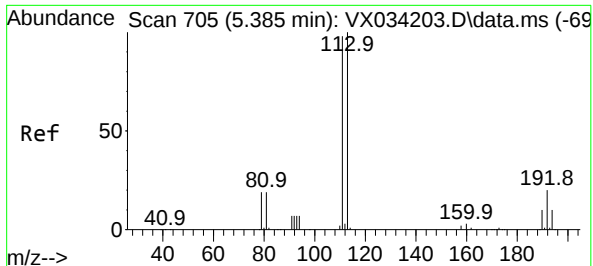
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

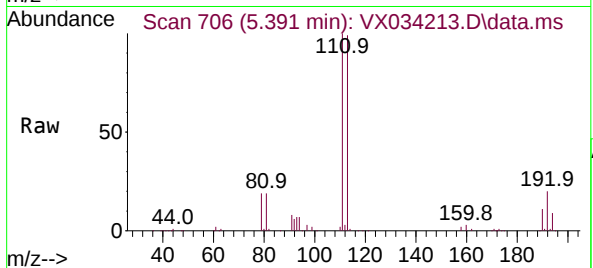
88 15.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 47.252 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

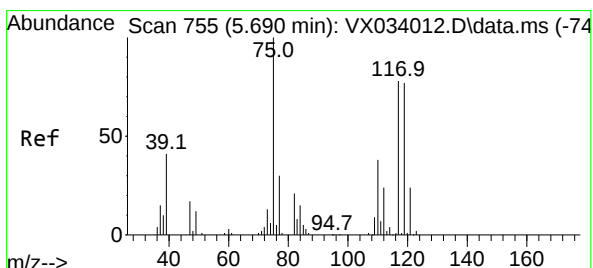
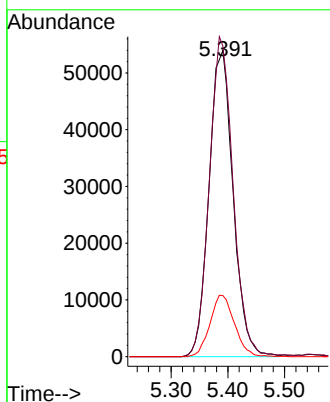
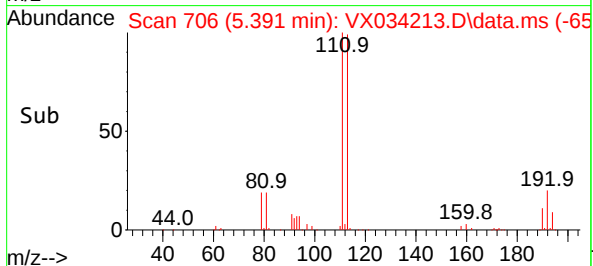
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:113 Resp: 15956
Ion Ratio Lower Upper
113 100
111 103.0 83.0 124.6
192 20.4 19.0 28.4

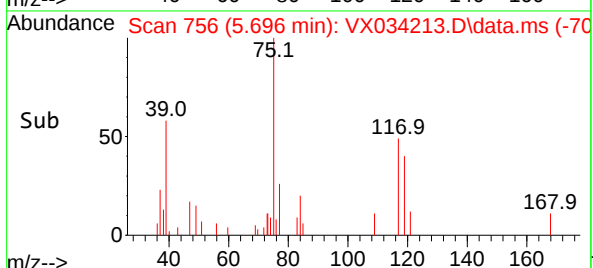
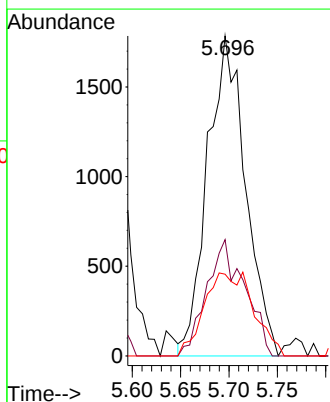
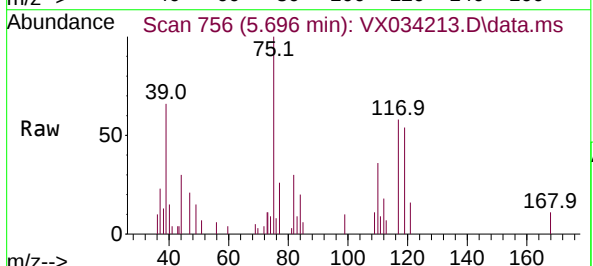
Manual Integrations
APPROVED

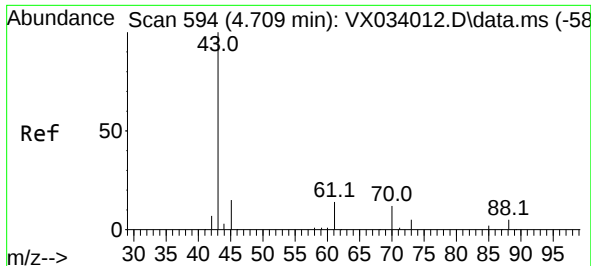
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#36
1,1-Dichloropropene
Concen: 0.979 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Tgt Ion: 75 Resp: 4888
Ion Ratio Lower Upper
75 100
110 36.5 18.8 56.4
77 33.7 25.1 37.7





#37

Ethyl Acetate

Concen: 0.976 ug/l

RT: 4.727 min Scan# 594

Delta R.T. 0.018 min

Lab File: VX034213.D

Acq: 21 Feb 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

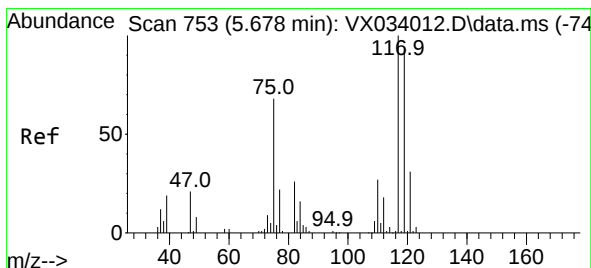
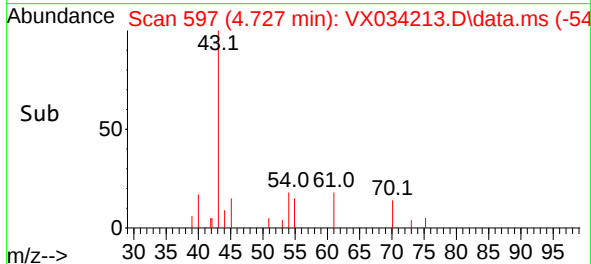
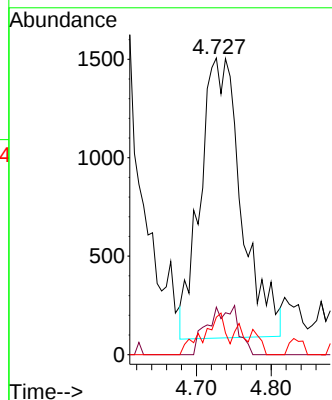
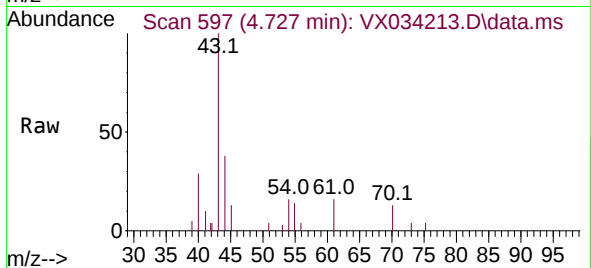
Tgt Ion: 43	Resp: 544
Ion Ratio	Lower Upper
43 100	
61 0.0	11.1 16.7
70 8.0	8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#38

Carbon Tetrachloride

Concen: 0.945 ug/l

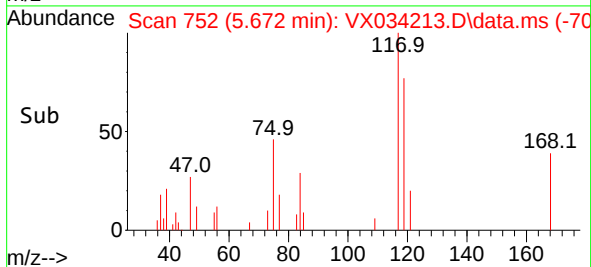
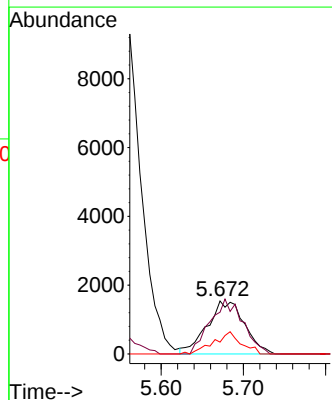
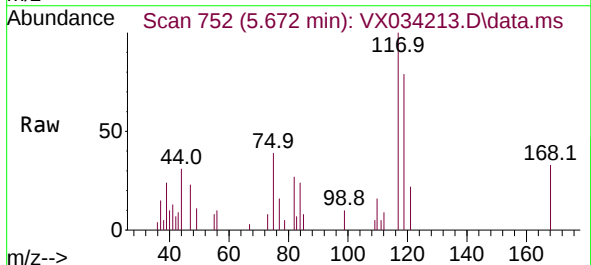
RT: 5.672 min Scan# 752

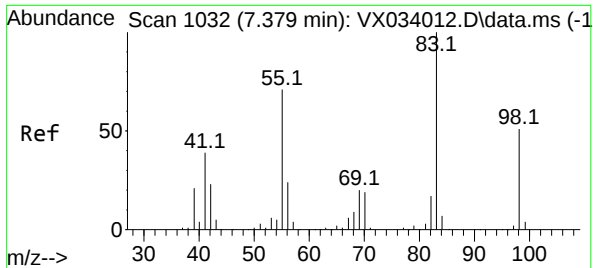
Delta R.T. 0.000 min

Lab File: VX034213.D

Acq: 21 Feb 2023 16:41

Tgt Ion: 117	Resp: 4855
Ion Ratio	Lower Upper
117 100	
119 78.8	78.0 117.0
121 22.3	24.4 36.6





#39

Methylcyclohexane

Concen: 0.950 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX034213.D

Acq: 21 Feb 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

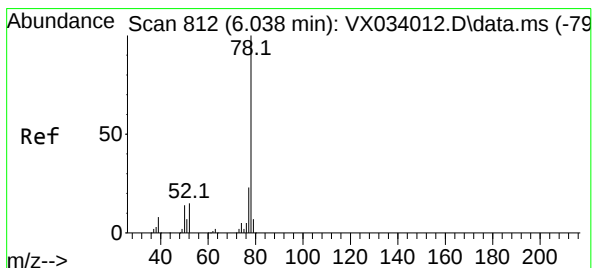
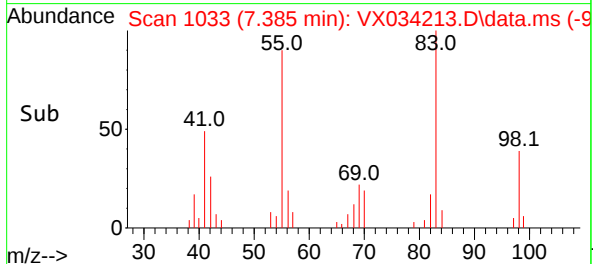
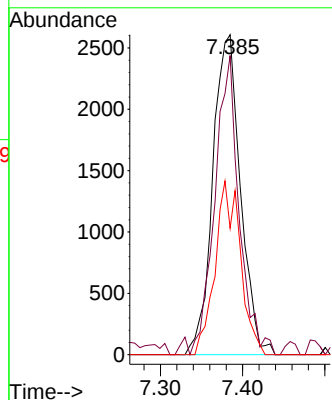
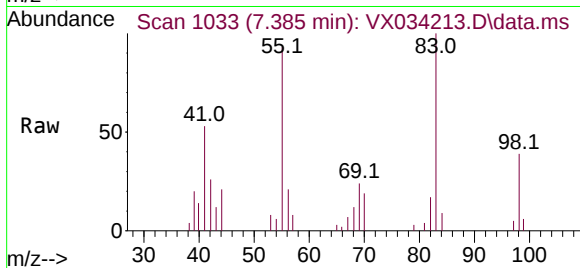
Tgt Ion: 83	Resp: 6100
Ion Ratio	Lower Upper
83	100
55	93.5 61.8 92.6
98	39.5 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#40

Benzene

Concen: 0.985 ug/l

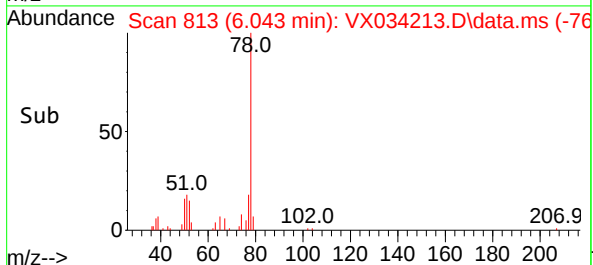
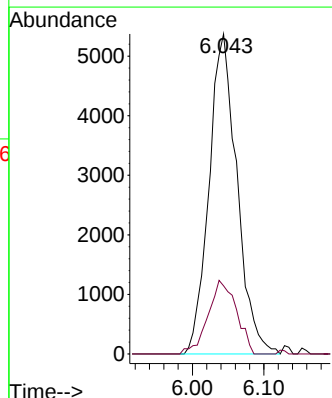
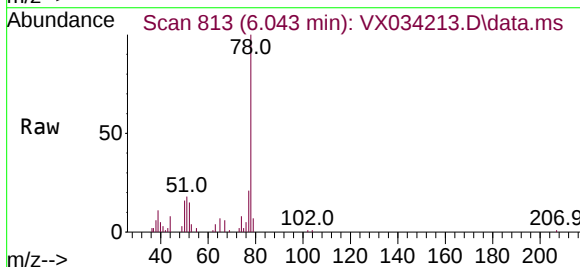
RT: 6.043 min Scan# 813

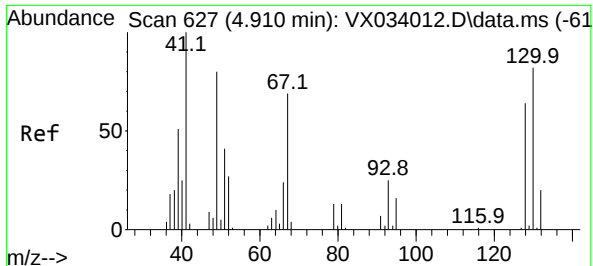
Delta R.T. 0.006 min

Lab File: VX034213.D

Acq: 21 Feb 2023 16:41

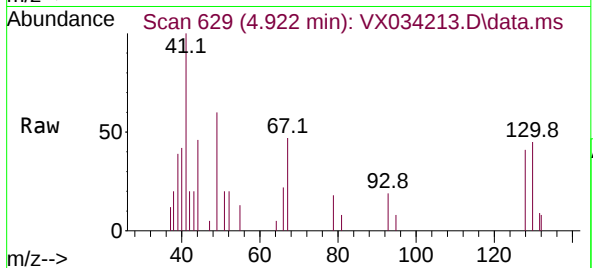
Tgt Ion: 78	Resp: 14572
Ion Ratio	Lower Upper
78	100
77	21.3 19.0 28.4





#41
Methacrylonitrile
Concen: 0.894 ug/l m
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

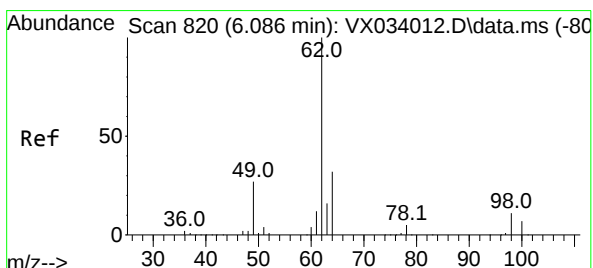
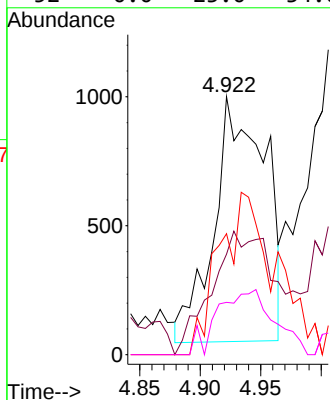
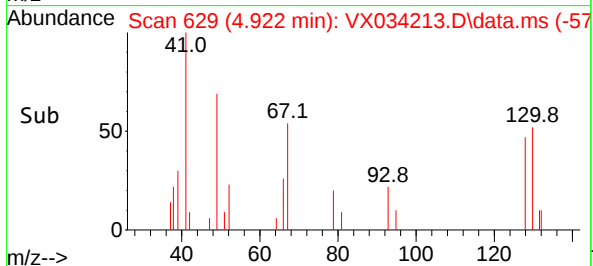
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 41 Resp: 278
Ion Ratio Lower Upper
41 100
39 31.7 43.8 65.6
67 55.8 54.8 82.2
52 0.0 23.0 34.6#

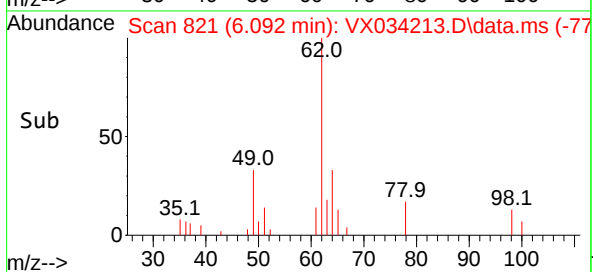
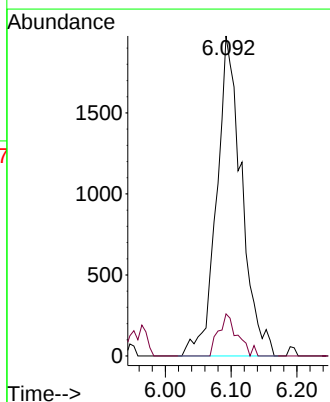
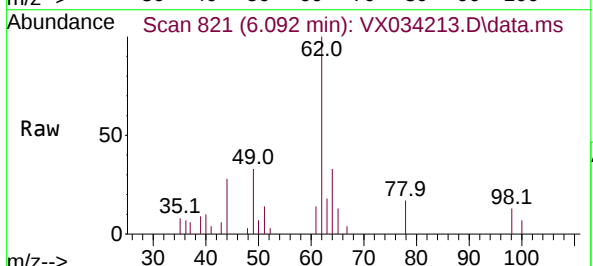
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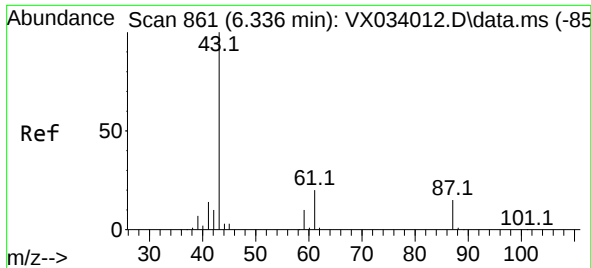
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#42
1,2-Dichloroethane
Concen: 1.003 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Tgt Ion: 62 Resp: 5221
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.2





#43

Isopropyl Acetate

Concen: 0.967 ug/l

RT: 6.348 min Scan# 80

Delta R.T. 0.012 min

Lab File: VX034213.D

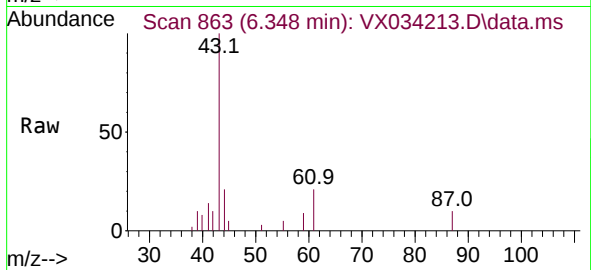
Acq: 21 Feb 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

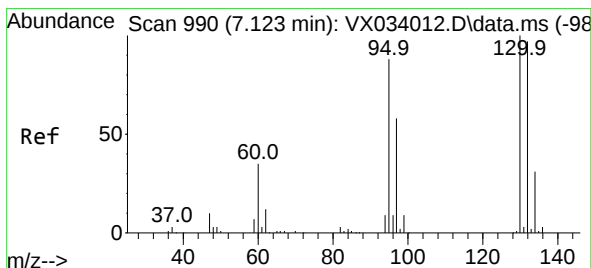
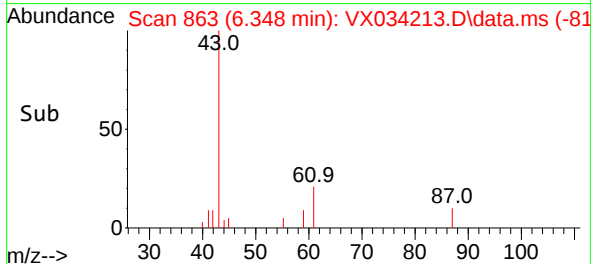
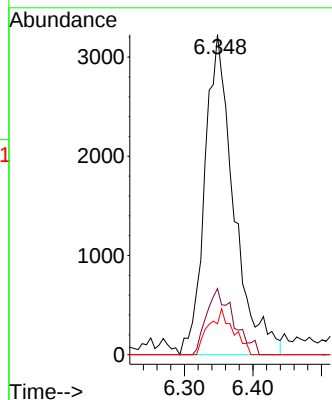


Tgt Ion: 43	Resp: 952
Ion Ratio	Lower Upper
43	100
61	19.4 15.7 23.5
87	11.8 10.6 15.8

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Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#44

Trichloroethene

Concen: 0.955 ug/l

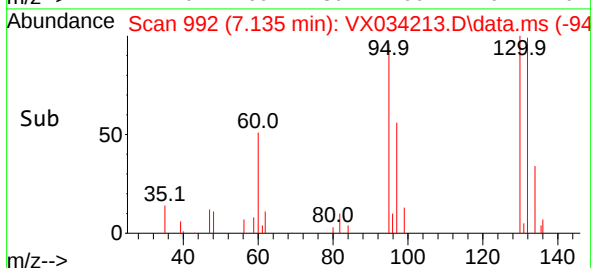
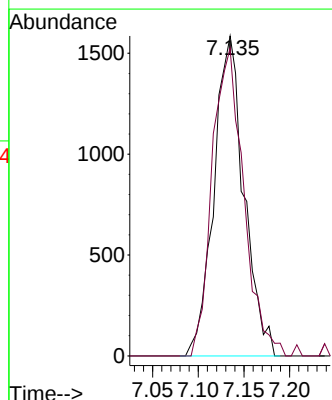
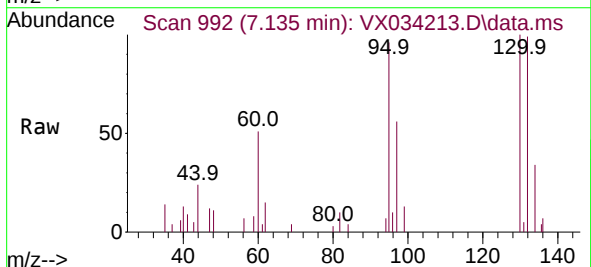
RT: 7.135 min Scan# 992

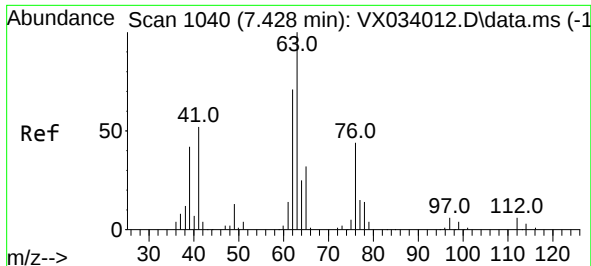
Delta R.T. 0.012 min

Lab File: VX034213.D

Acq: 21 Feb 2023 16:41

Tgt Ion:130	Resp: 3627
Ion Ratio	Lower Upper
130	100
95	96.2 0.0 182.6





#45

1,2-Dichloropropane

Concen: 0.945 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034213.D

Acq: 21 Feb 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

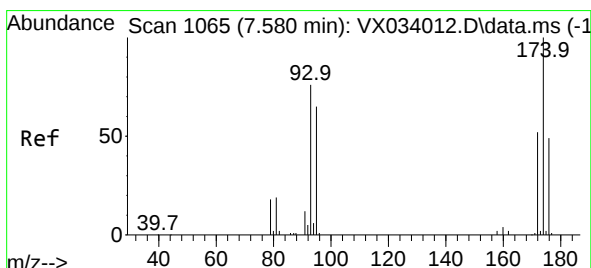
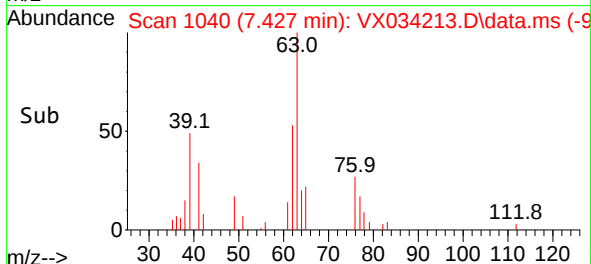
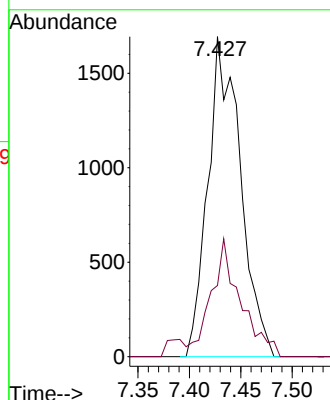
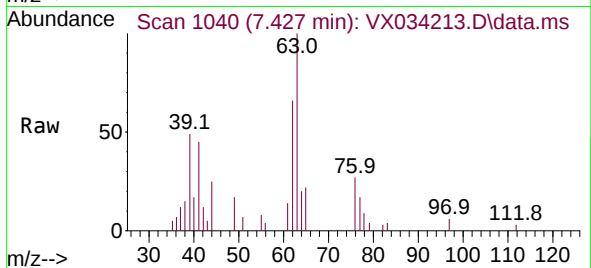
Tgt Ion: 63 Resp: 372
 Ion Ratio Lower Upper
 63 100
 65 22.3 24.2 36.2

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Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#46

Dibromomethane

Concen: 0.897 ug/l

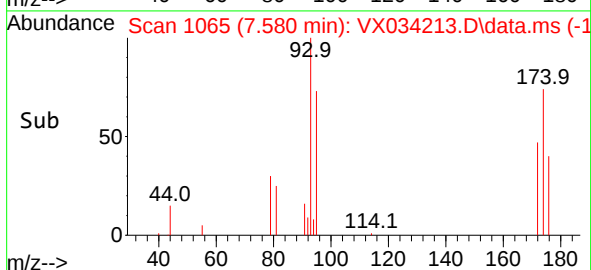
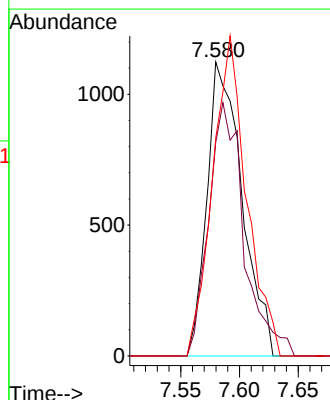
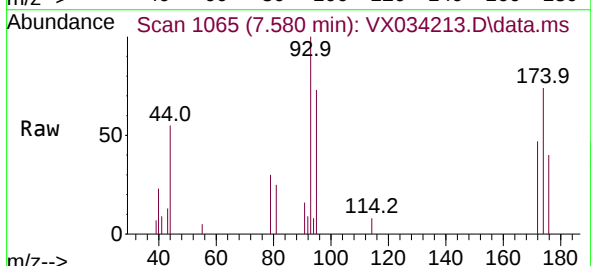
RT: 7.580 min Scan# 1065

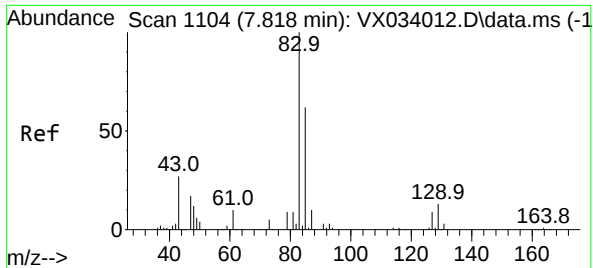
Delta R.T. 0.000 min

Lab File: VX034213.D

Acq: 21 Feb 2023 16:41

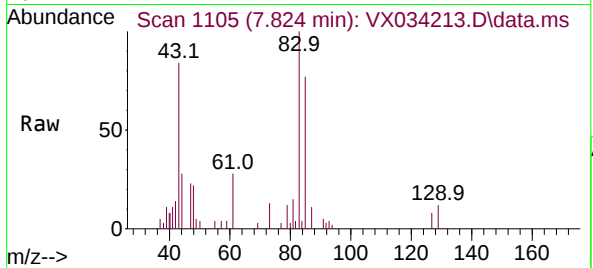
Tgt Ion: 93 Resp: 2327
 Ion Ratio Lower Upper
 93 100
 95 86.6 67.6 101.4
 174 105.5 97.4 146.0





#47
Bromodichloromethane
Concen: 0.866 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

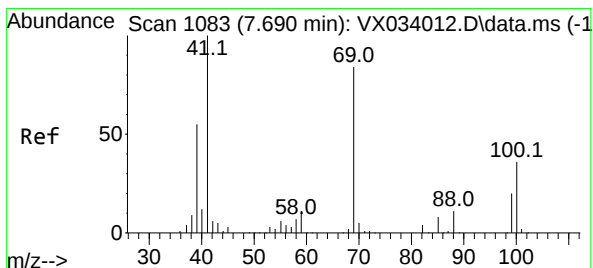
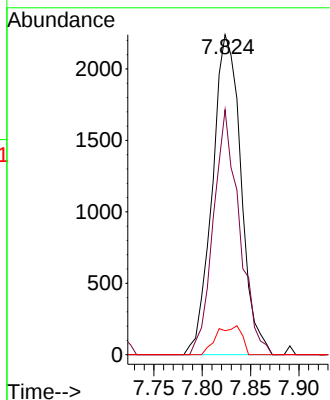
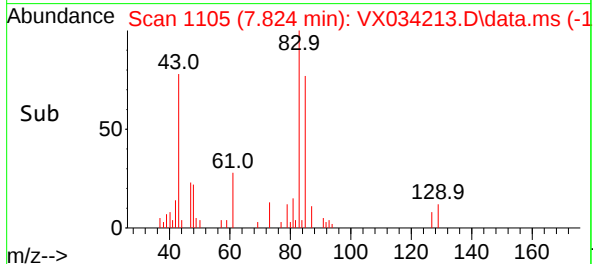
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 83 Resp: 4609
Ion Ratio Lower Upper
83 100
85 76.6 49.8 74.6
127 7.5 7.0 10.4

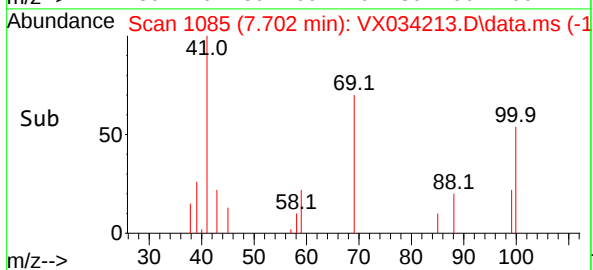
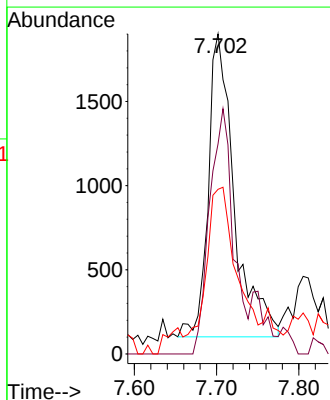
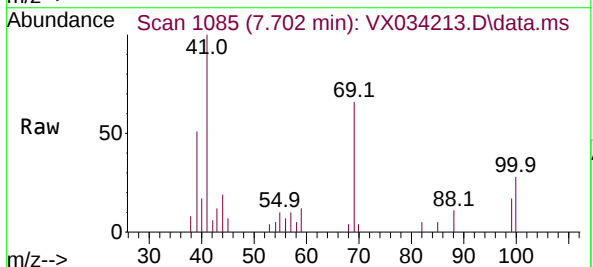
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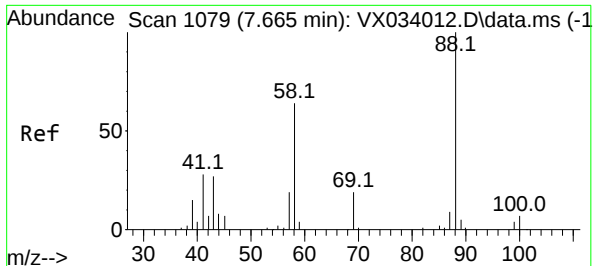
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#48
Methyl methacrylate
Concen: 0.847 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.012 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Tgt Ion: 41 Resp: 3961
Ion Ratio Lower Upper
41 100
69 73.5 63.1 94.7
39 49.9 43.2 64.8





#49

1,4-Dioxane

Concen: 18.854 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.024 min

Lab File: VX034213.D

Acq: 21 Feb 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

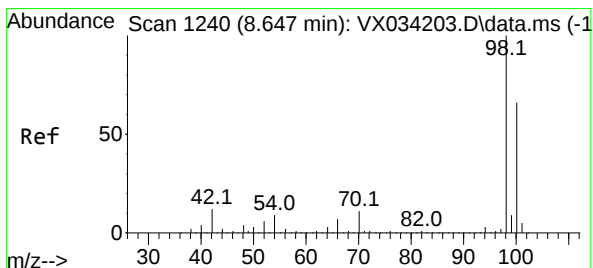
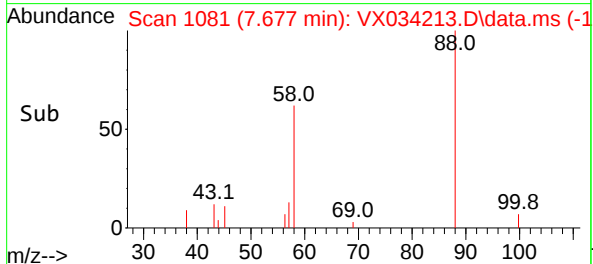
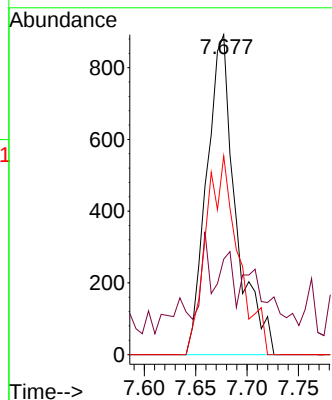
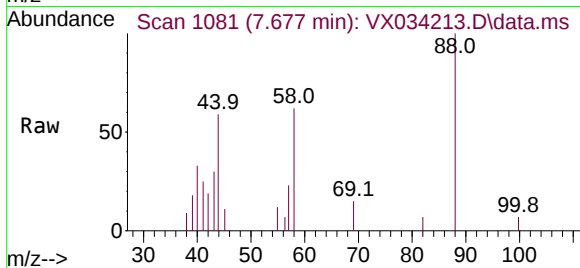
LOQ-WATER-02-QT1-2023

Tgt Ion: 88 Resp: 1758

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	68.8	56.5	84.7

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Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#50

Toluene-d8

Concen: 48.918 ug/l

RT: 8.647 min Scan# 1240

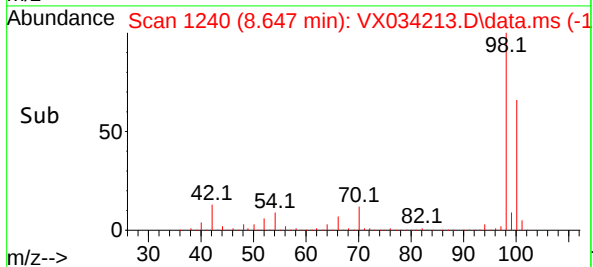
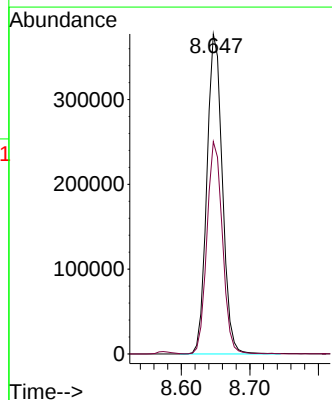
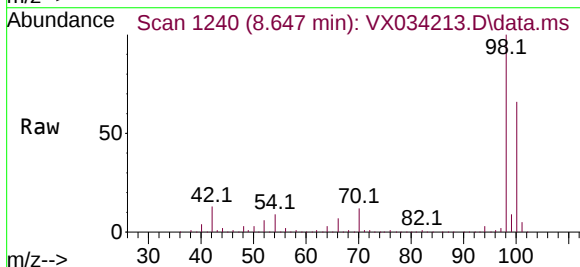
Delta R.T. 0.000 min

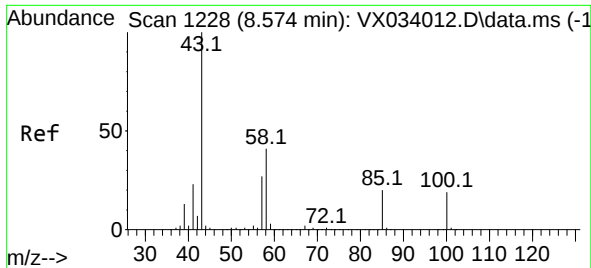
Lab File: VX034213.D

Acq: 21 Feb 2023 16:41

Tgt Ion: 98 Resp: 593098

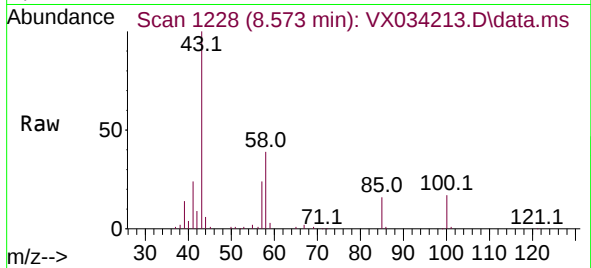
Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.6	80.4





#51
4-Methyl-2-Pentanone
Concen: 4.823 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

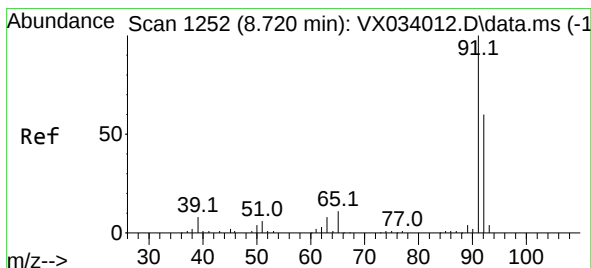
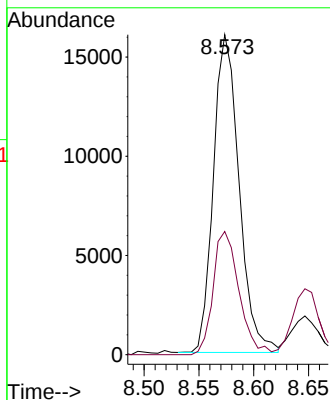
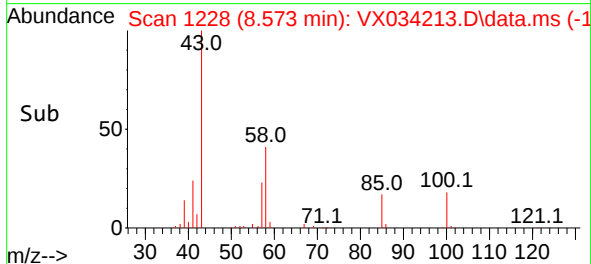
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 43 Resp: 2613
Ion Ratio Lower Upper
43 100
58 39.0 31.2 46.8

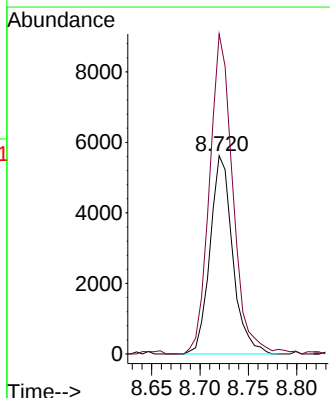
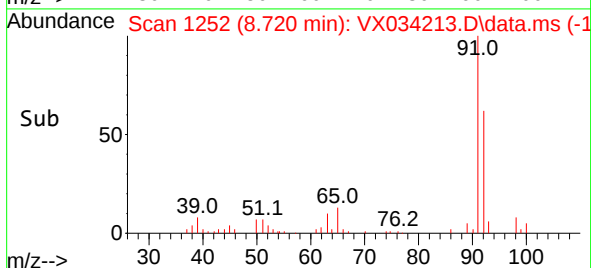
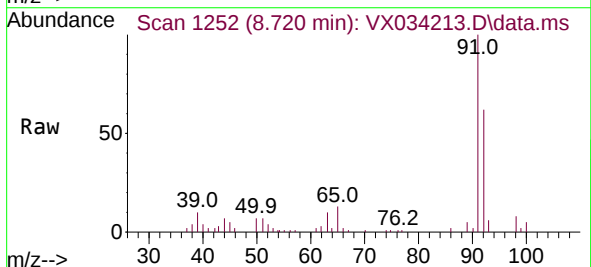
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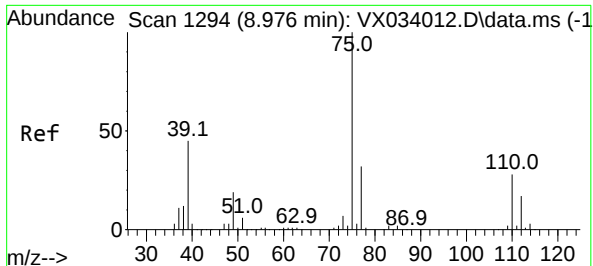
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#52
Toluene
Concen: 1.021 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Tgt Ion: 92 Resp: 9152
Ion Ratio Lower Upper
92 100
91 167.0 135.5 203.3





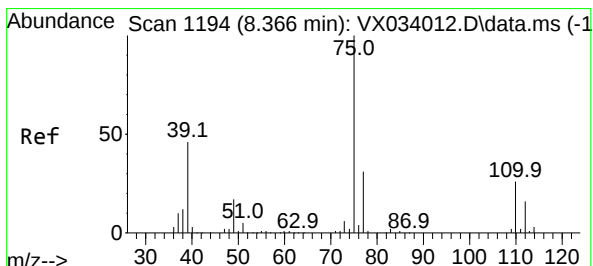
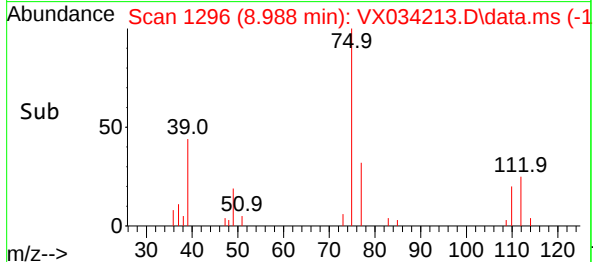
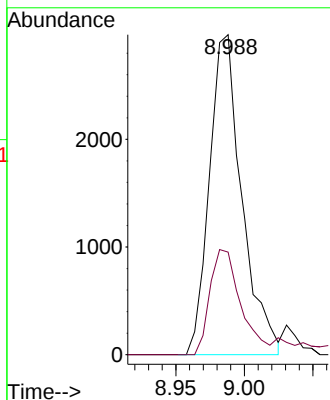
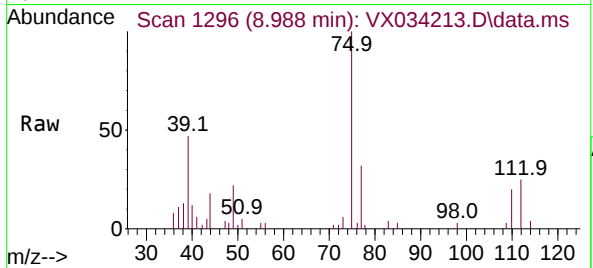
#53
t-1,3-Dichloropropene
Concen: 0.798 ug/l
RT: 8.988 min Scan# 1195
Delta R.T. 0.012 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 75 Resp: 4889
Ion Ratio Lower Upper
75 100
77 32.1 25.5 38.3

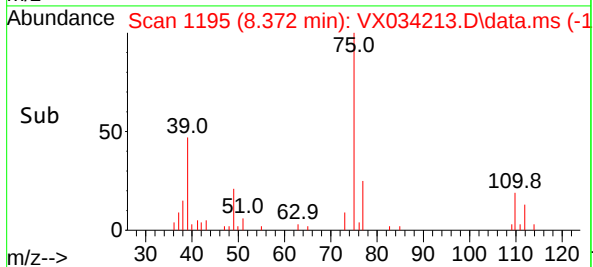
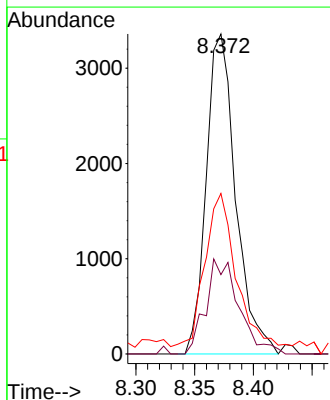
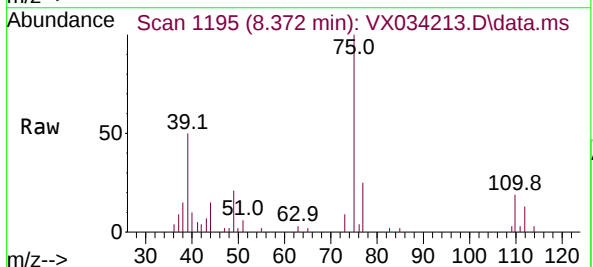
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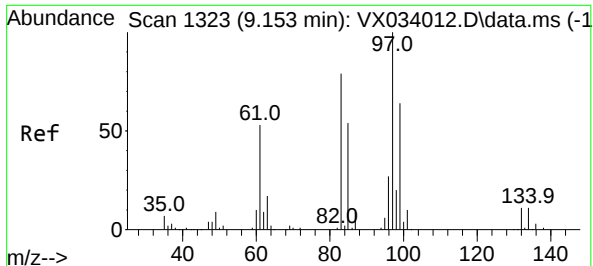
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#54
cis-1,3-Dichloropropene
Concen: 0.894 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

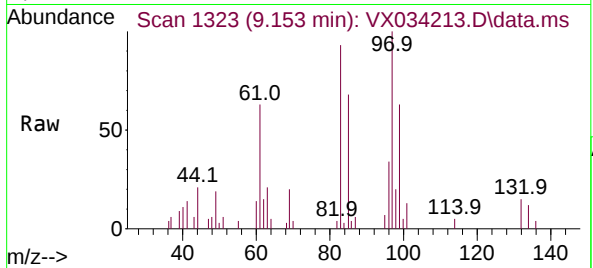
Tgt Ion: 75 Resp: 5863
Ion Ratio Lower Upper
75 100
77 24.8 25.0 37.6#
39 47.4 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 0.900 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023

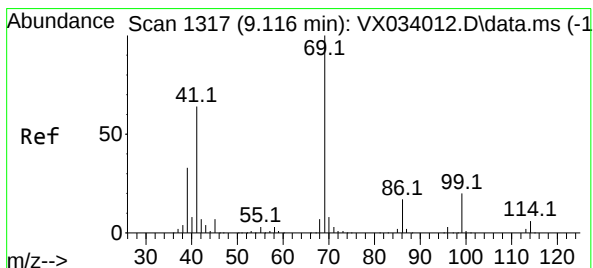
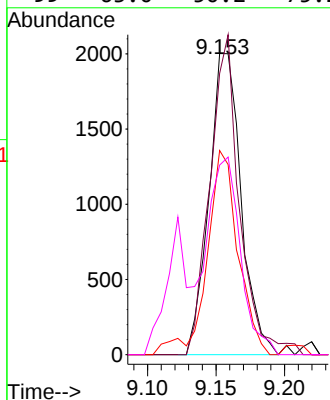
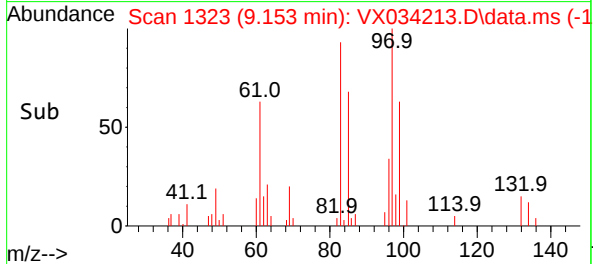


Tgt Ion: 97 Resp: 3250

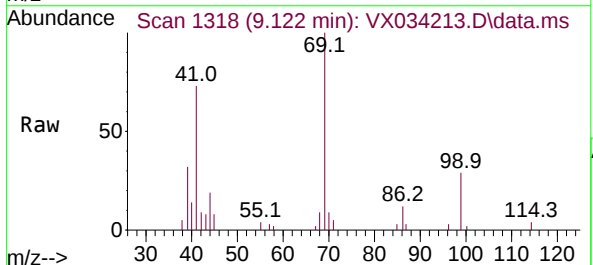
Ion	Ratio	Lower	Upper
97	100		
83	93.5	67.4	101.0
85	67.8	43.2	64.8
99	63.0	50.2	75.2

Manual Integrations
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Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

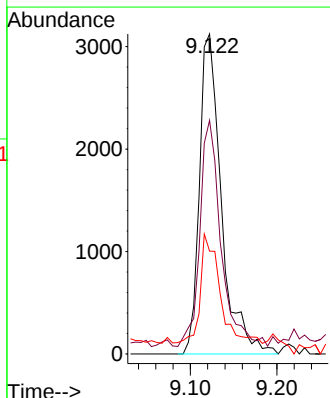
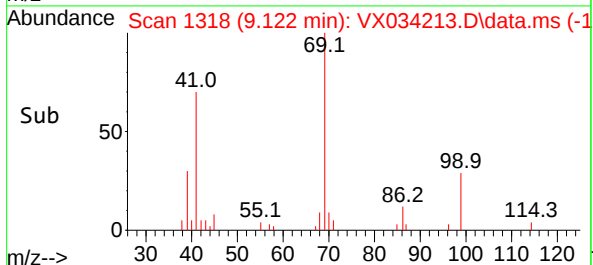


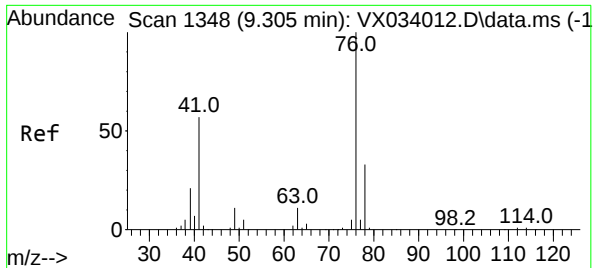
#56
Ethyl methacrylate
Concen: 0.899 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41



Tgt Ion: 69 Resp: 5505

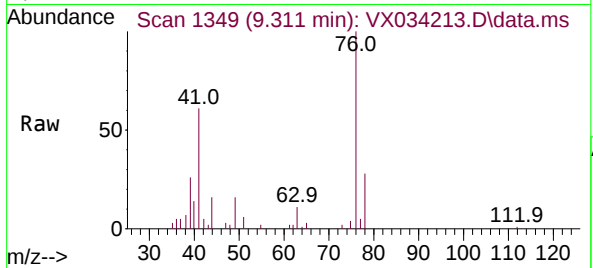
Ion	Ratio	Lower	Upper
69	100		
41	67.8	55.1	82.7
39	37.5	28.5	42.7





#57
1,3-Dichloropropane
Concen: 0.943 ug/l
RT: 9.311 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

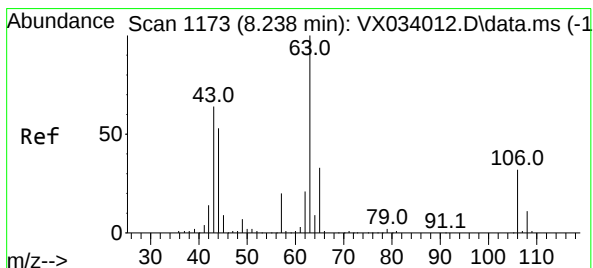
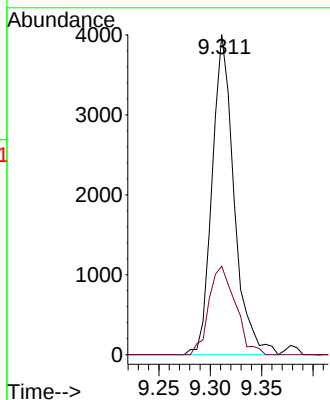
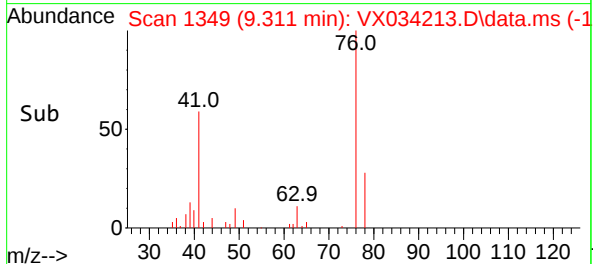
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 76 Resp: 5930
Ion Ratio Lower Upper
76 100
78 33.6 25.6 38.4

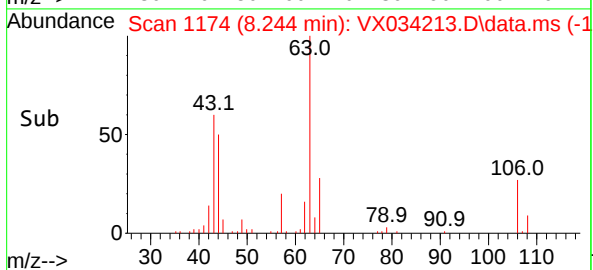
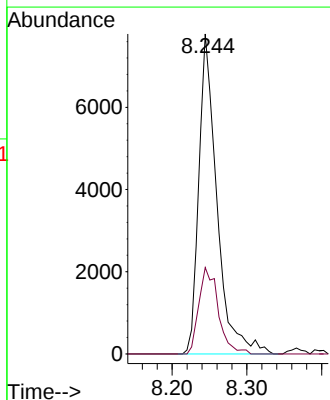
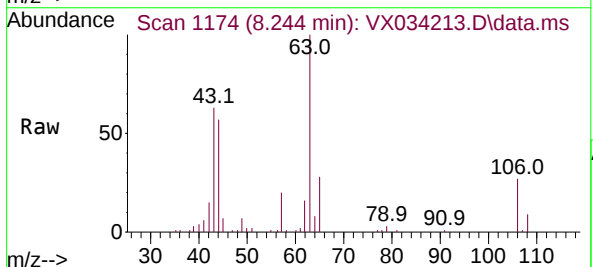
Manual Integrations
APPROVED

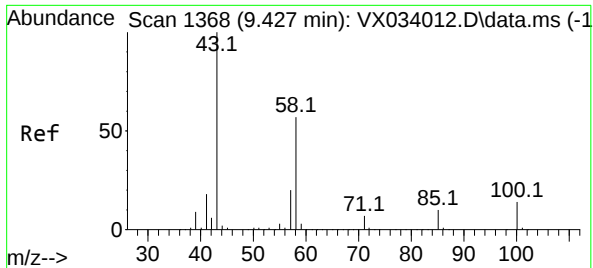
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 4.936 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

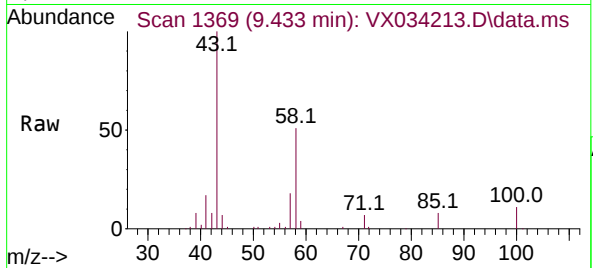
Tgt Ion: 63 Resp: 13092
Ion Ratio Lower Upper
63 100
106 29.0 24.5 36.7





#59
2-Hexanone
Concen: 4.746 ug/l
RT: 9.433 min Scan# 1368
Delta R.T. 0.006 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

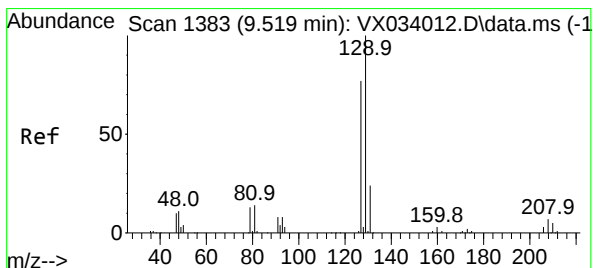
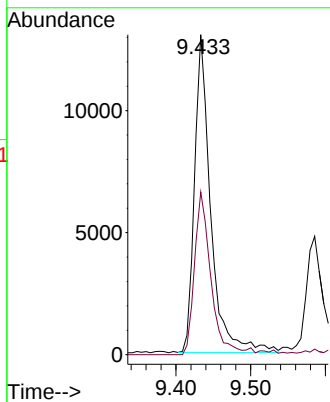
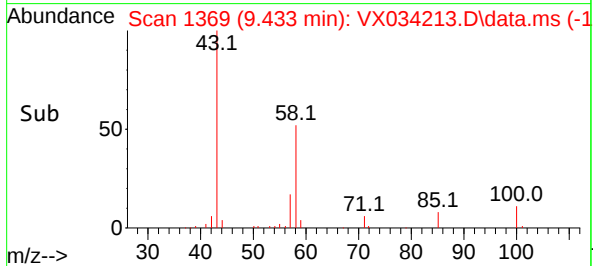
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023



Tgt Ion: 43 Resp: 19598
Ion Ratio Lower Upper
43 100
58 52.6 27.4 82.0

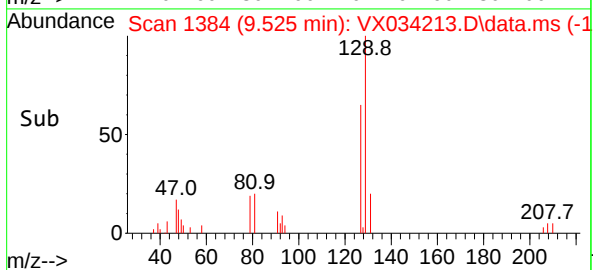
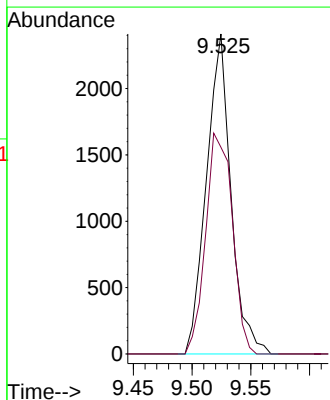
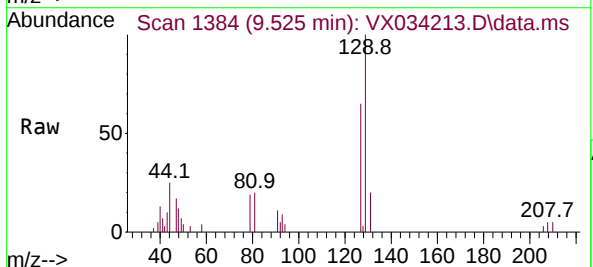
Manual Integrations
APPROVED

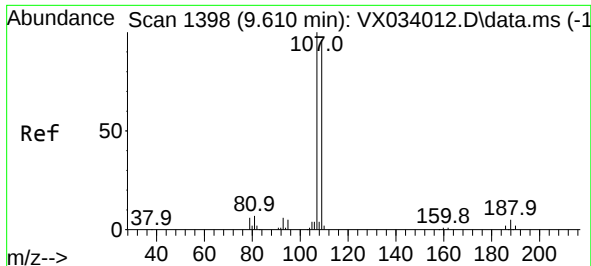
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#60
Dibromochloromethane
Concen: 0.875 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Tgt Ion:129 Resp: 3501
Ion Ratio Lower Upper
129 100
127 75.1 38.8 116.3





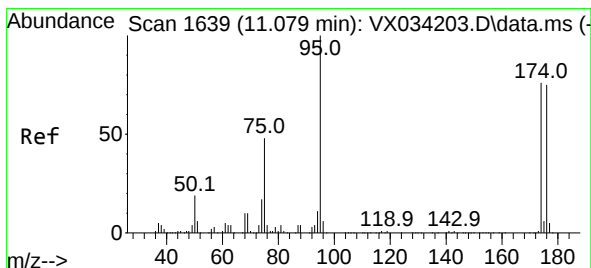
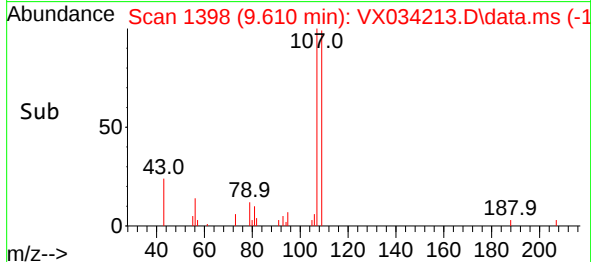
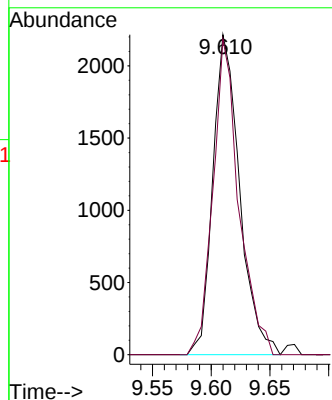
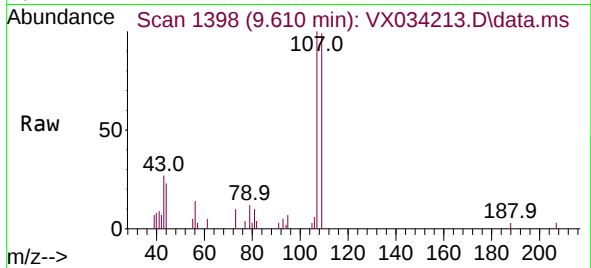
#61
1,2-Dibromoethane
Concen: 0.919 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:107 Resp: 3518
Ion Ratio Lower Upper
107 100
109 95.5 74.2 111.2

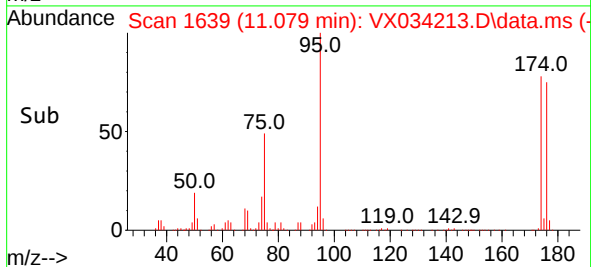
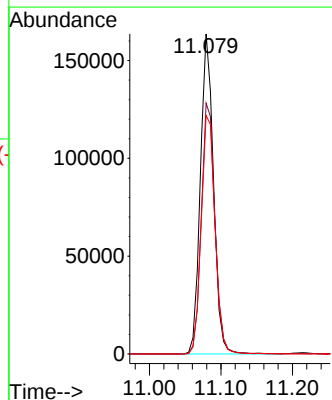
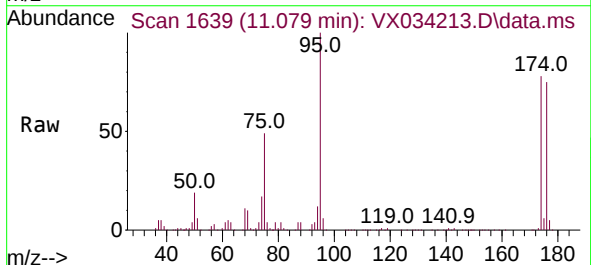
Manual Integrations
APPROVED

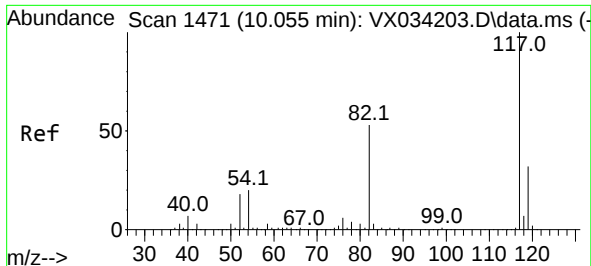
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#62
4-Bromofluorobenzene
Concen: 44.864 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

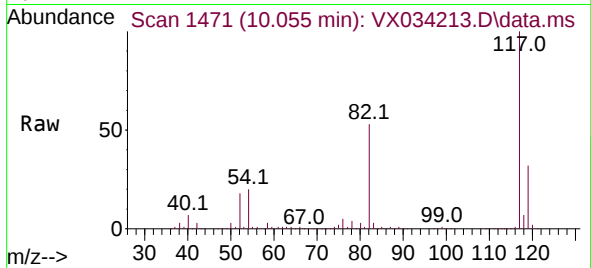
Tgt Ion: 95 Resp: 208062
Ion Ratio Lower Upper
95 100
174 81.0 0.0 184.4
176 78.7 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

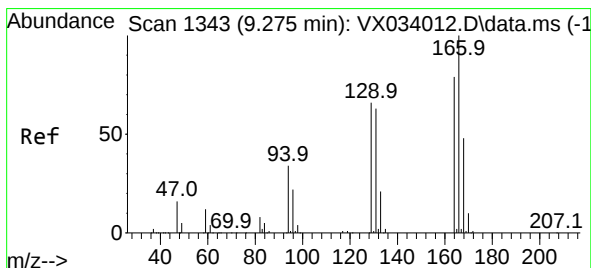
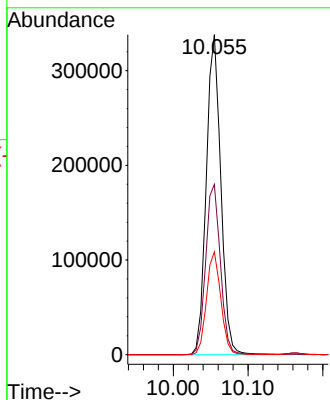
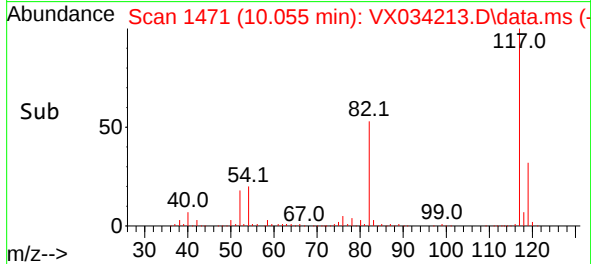
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:117 Resp: 456295
Ion Ratio Lower Upper
117 100
82 53.2 40.6 60.8
119 32.1 25.6 38.4

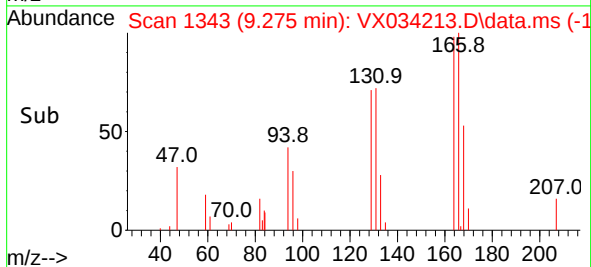
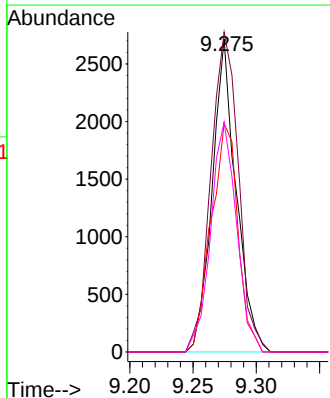
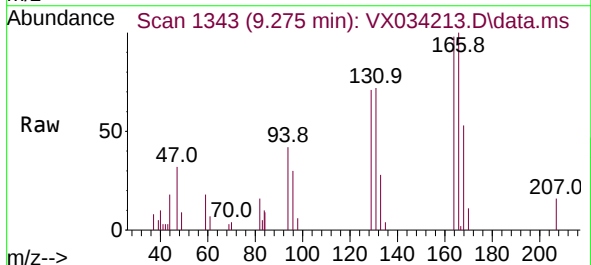
Manual Integrations
APPROVED

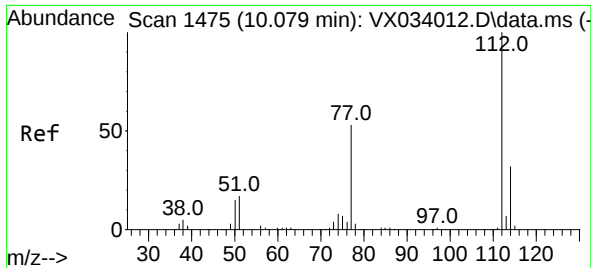
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#64
Tetrachloroethene
Concen: 1.115 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

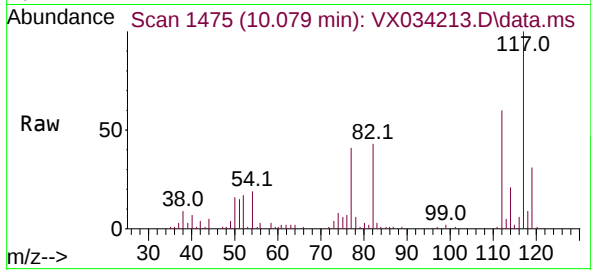
Tgt Ion:164 Resp: 3592
Ion Ratio Lower Upper
164 100
166 102.2 100.2 150.2
129 73.0 69.2 103.8
131 73.4 67.2 100.8





#65
Chlorobenzene
Concen: 0.945 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

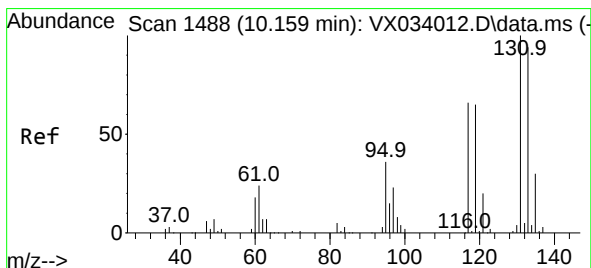
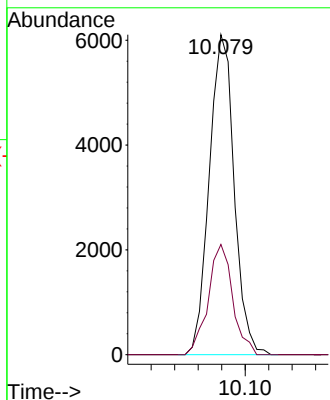
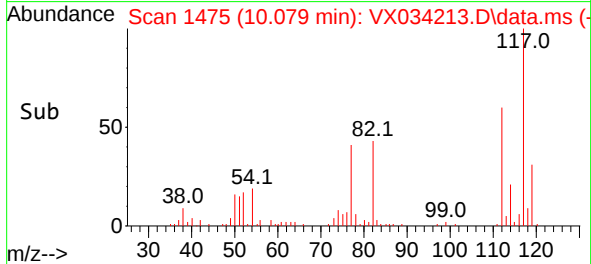
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



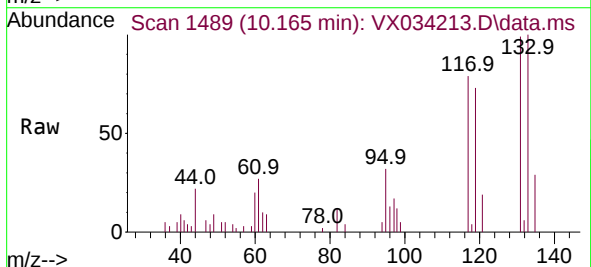
Tgt Ion:112 Resp: 899
Ion Ratio Lower Upper
112 100
114 34.5 26.2 39.4

Manual Integrations
APPROVED

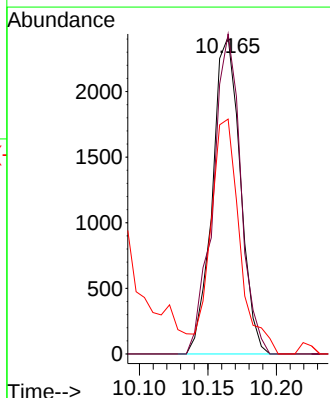
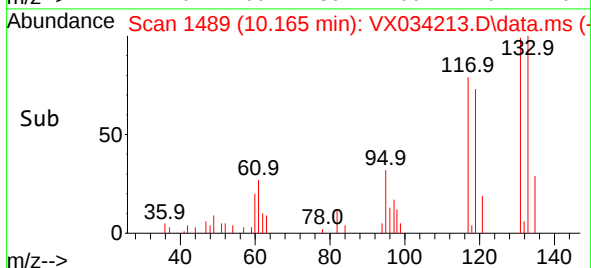
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

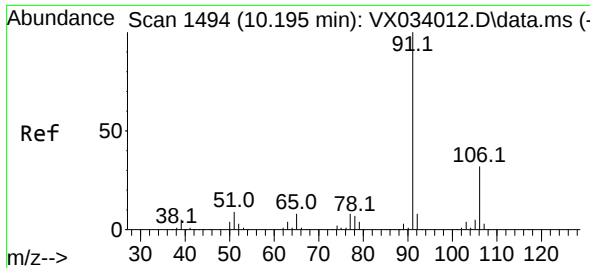


#66
1,1,1,2-Tetrachloroethane
Concen: 0.926 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41



Tgt Ion:131 Resp: 3411
Ion Ratio Lower Upper
131 100
133 100.6 48.4 145.0
119 0.0 31.9 95.7#





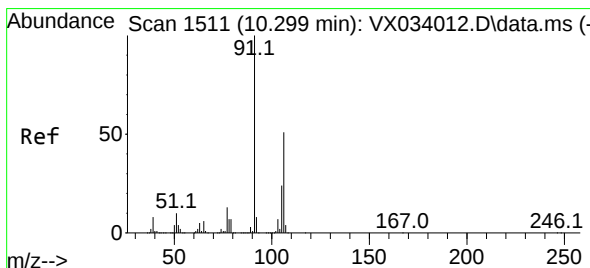
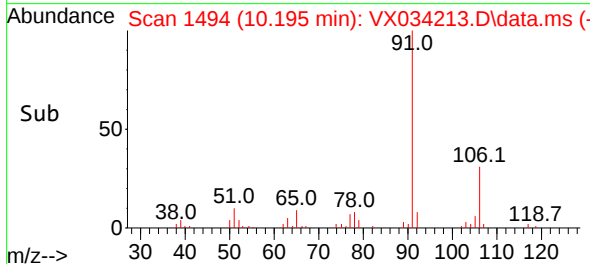
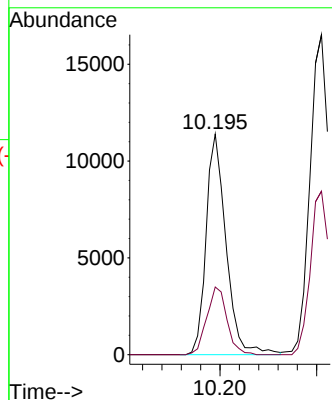
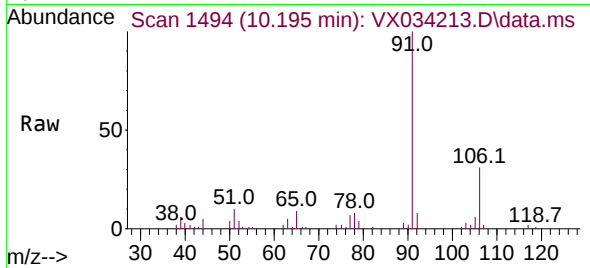
#67
Ethyl Benzene
Concen: 0.959 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023

Tgt Ion: 91 Resp: 16380
Ion Ratio Lower Upper
91 100
106 30.7 25.8 38.8

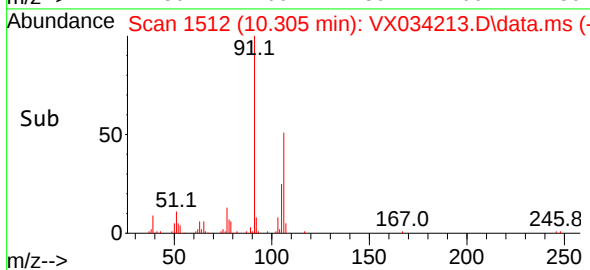
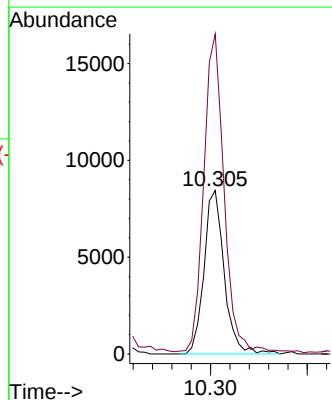
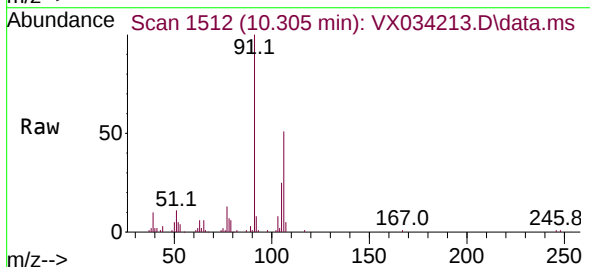
Manual Integrations
APPROVED

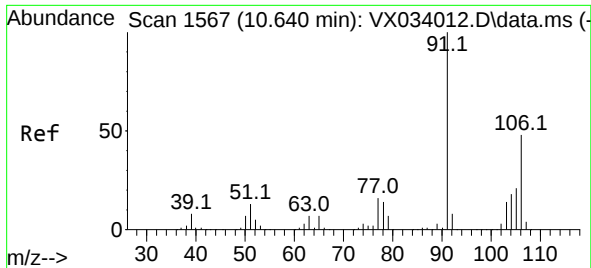
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#68
m/p-Xylenes
Concen: 1.872 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Tgt Ion:106 Resp: 12240
Ion Ratio Lower Upper
106 100
91 197.8 156.4 234.6





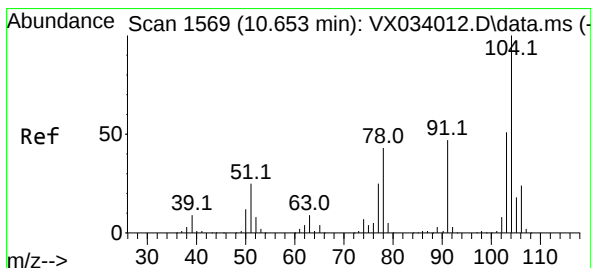
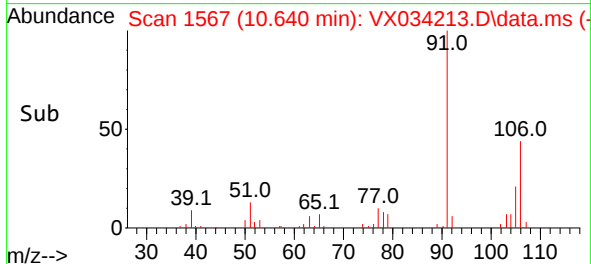
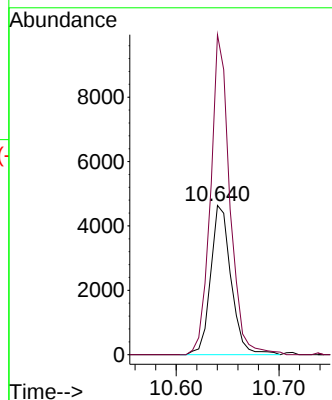
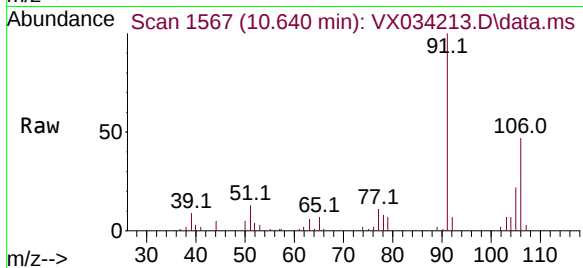
#69
o-Xylene
Concen: 0.983 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:106 Resp: 639
Ion Ratio Lower Upper
106 100
91 202.5 103.1 309.3

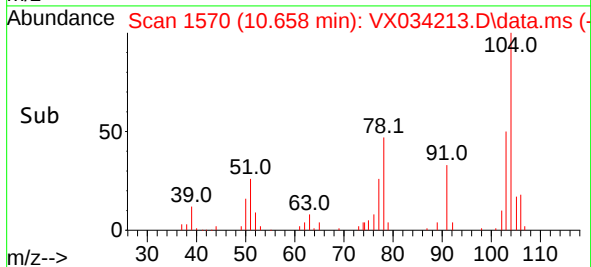
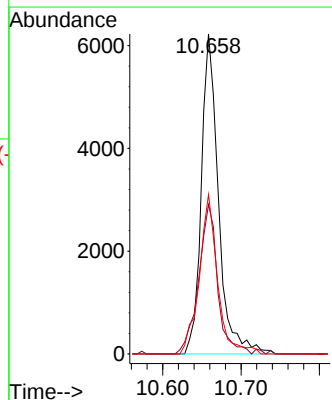
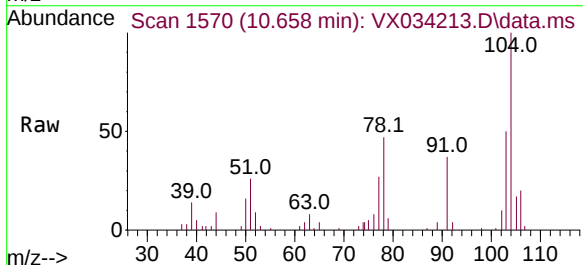
Manual Integrations
APPROVED

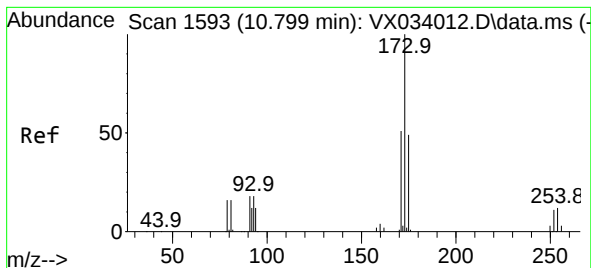
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#70
Styrene
Concen: 0.896 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Tgt Ion:104 Resp: 9491
Ion Ratio Lower Upper
104 100
78 51.6 37.5 56.3
103 53.0 43.3 64.9





#71

Bromoform

Concen: 0.791 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034213.D

Acq: 21 Feb 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

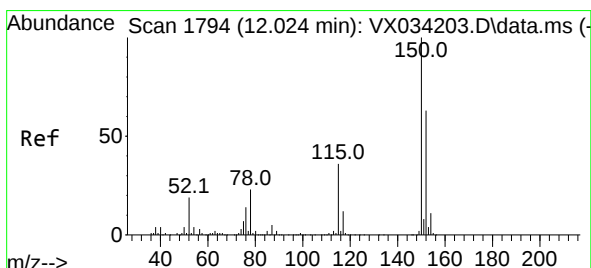
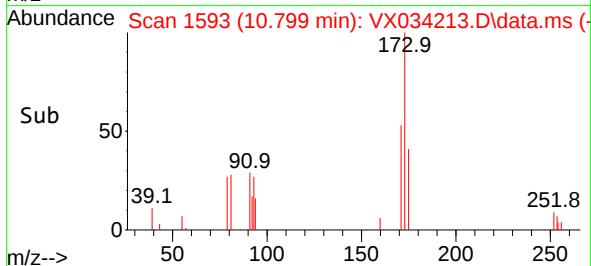
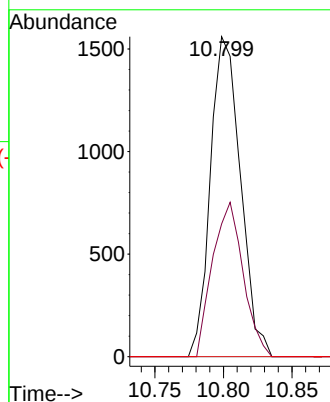
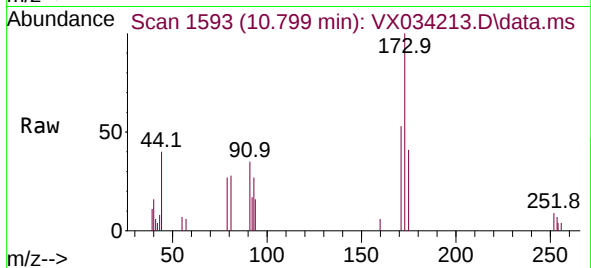
Tgt Ion:173	Resp:	2370
Ion Ratio	Lower	Upper
173	100	
175	49.2	24.1 72.3
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

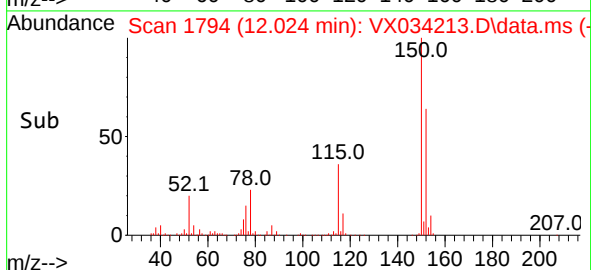
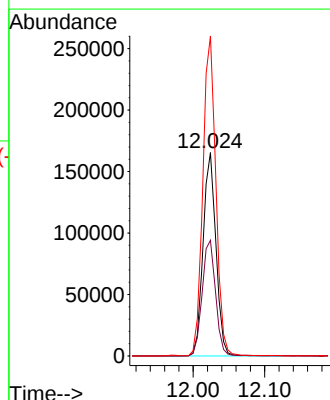
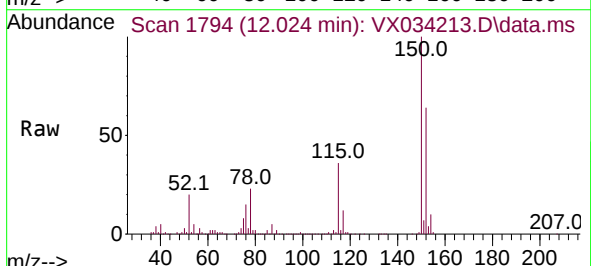
RT: 12.024 min Scan# 1794

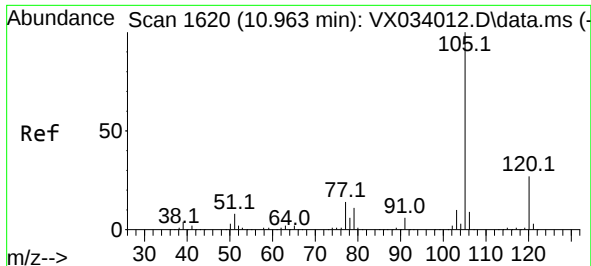
Delta R.T. 0.000 min

Lab File: VX034213.D

Acq: 21 Feb 2023 16:41

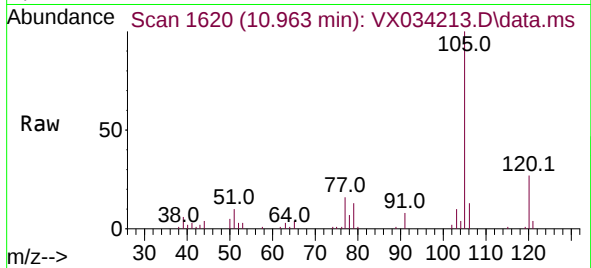
Tgt Ion:152	Resp:	207091
Ion Ratio	Lower	Upper
152	100	
115	59.3	38.7 116.1
150	158.0	0.0 348.2





#73
Isopropylbenzene
Concen: 0.960 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

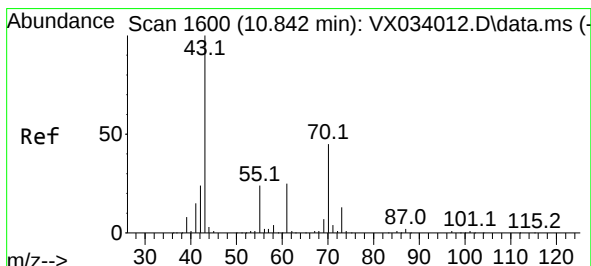
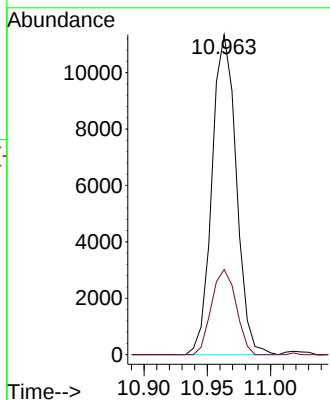
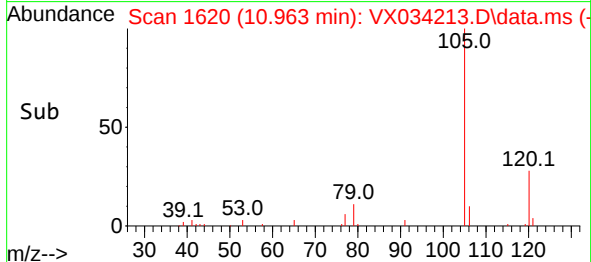
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



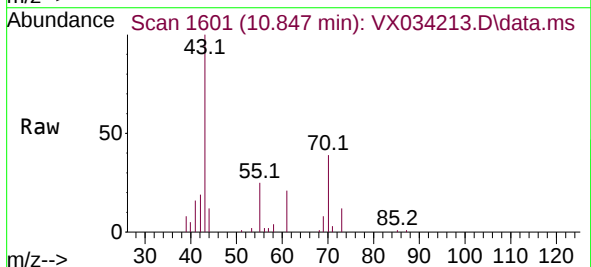
Tgt Ion:105 Resp: 15152
Ion Ratio Lower Upper
105 100
120 26.9 13.6 40.8

Manual Integrations
APPROVED

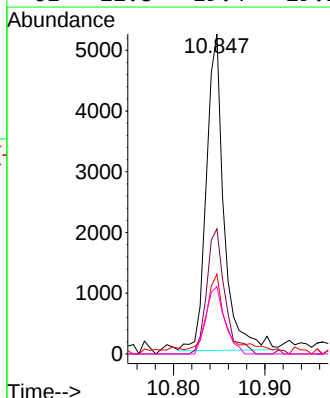
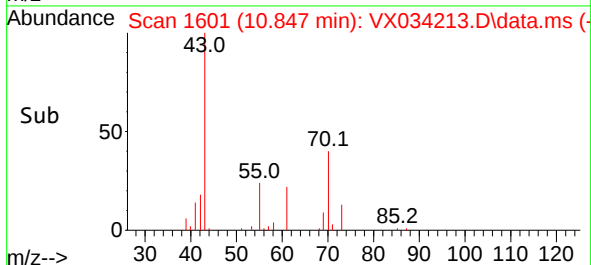
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

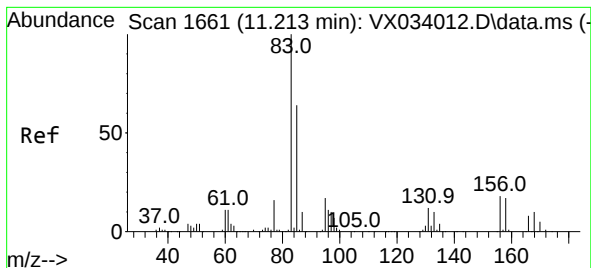


#74
N-ethyl acetate
Concen: 0.879 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41



Tgt Ion: 43 Resp: 6968
Ion Ratio Lower Upper
43 100
70 40.7 34.8 52.2
55 29.8 19.4 29.0#
61 22.8 19.4 29.2





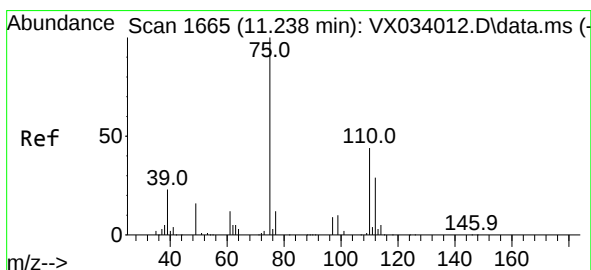
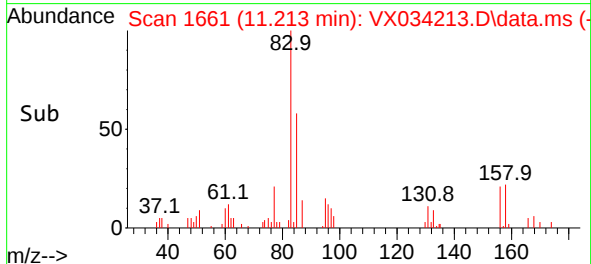
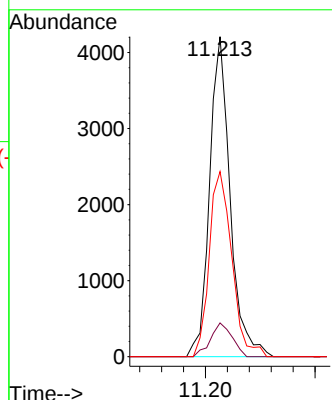
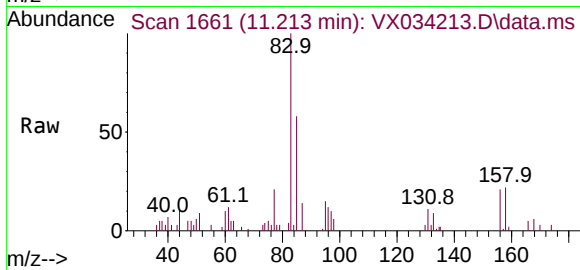
#75
1,1,2,2-Tetrachloroethane
Concen: 1.014 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023

Tgt Ion: 83 Resp: 5479
Ion Ratio Lower Upper
83 100
131 11.0 5.5 16.7
85 63.5 32.3 96.9

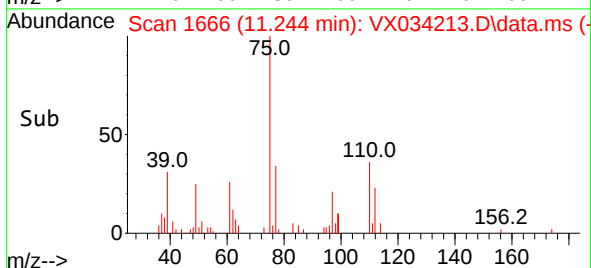
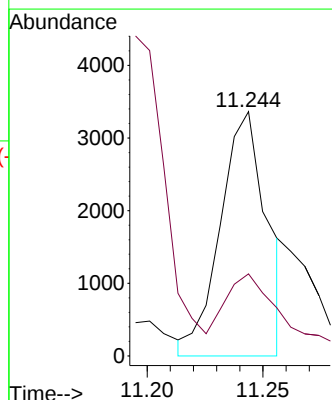
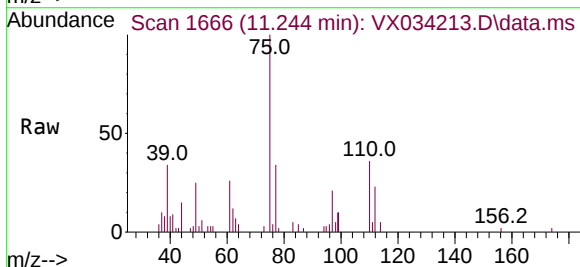
Manual Integrations
APPROVED

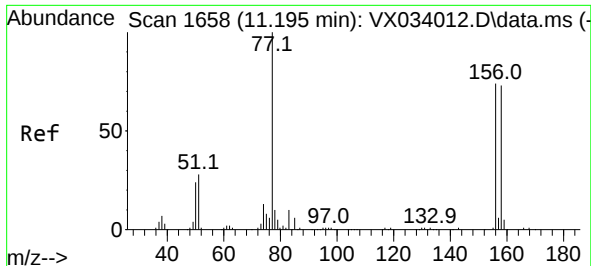
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#76
1,2,3-Trichloropropane
Concen: 0.899 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

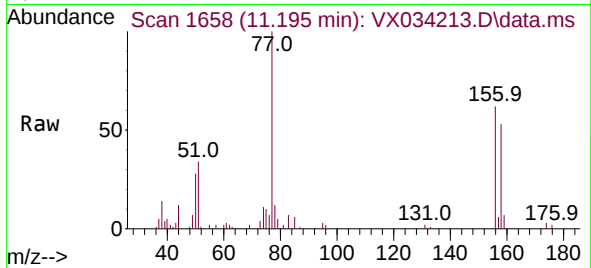
Tgt Ion: 75 Resp: 4683
Ion Ratio Lower Upper
75 100
77 43.9 21.8 65.4





#77
Bromobenzene
Concen: 1.034 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

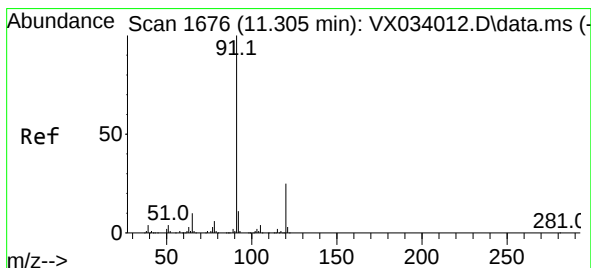
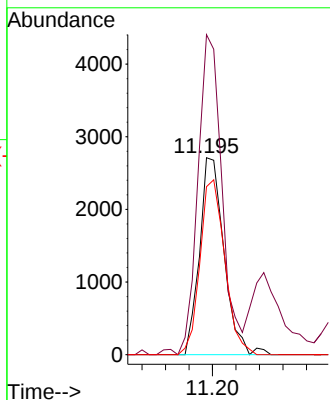
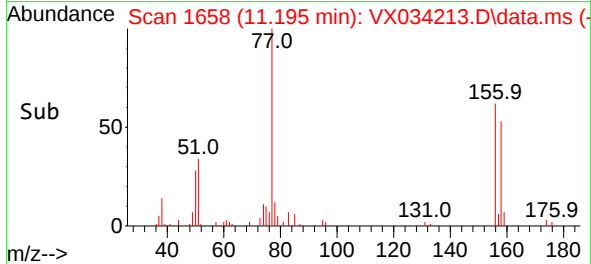
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



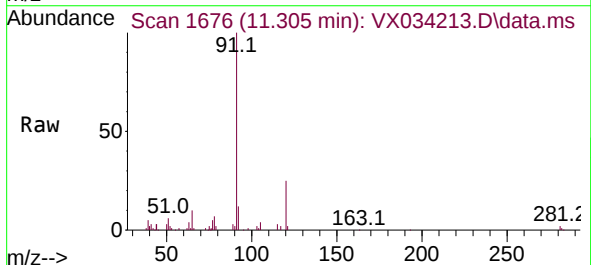
Tgt Ion:156 Resp: 392
Ion Ratio Lower Upper
156 100
77 159.9 68.1 204.3
158 90.0 48.0 144.2

Manual Integrations
APPROVED

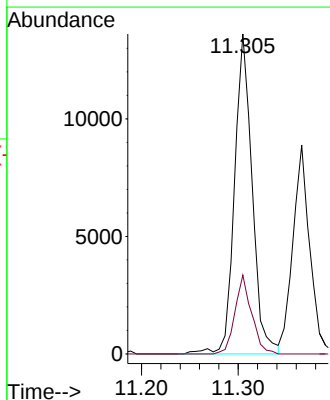
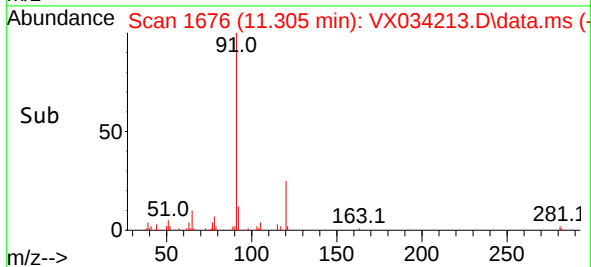
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

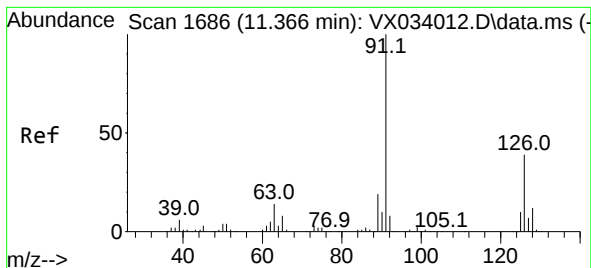


#78
n-propylbenzene
Concen: 0.944 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41



Tgt Ion: 91 Resp: 17323
Ion Ratio Lower Upper
91 100
120 23.2 12.3 36.8





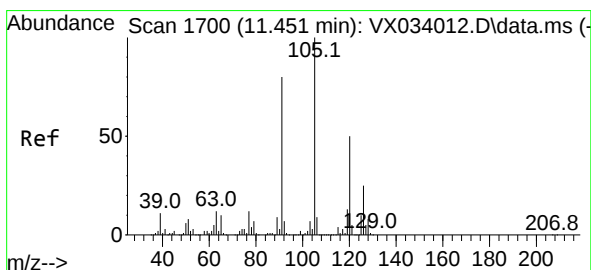
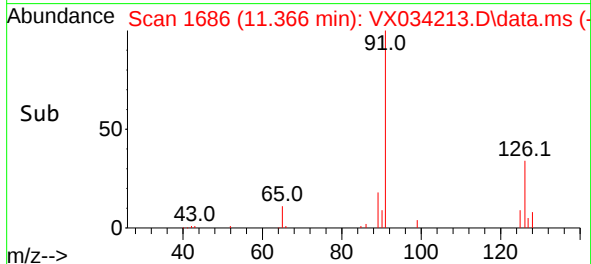
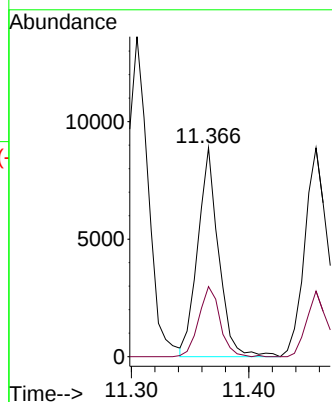
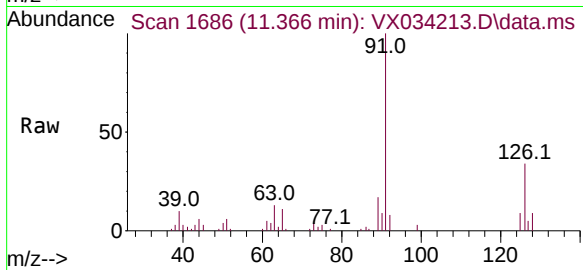
#79
2-Chlorotoluene
Concen: 0.976 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 91 Resp: 1098
Ion Ratio Lower Upper
91 100
126 34.1 18.1 54.1

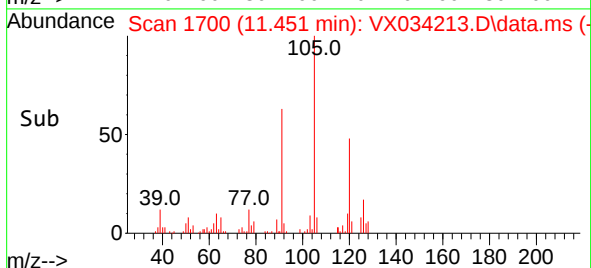
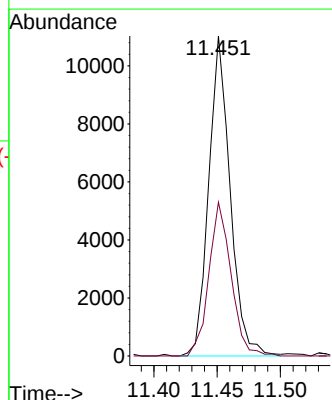
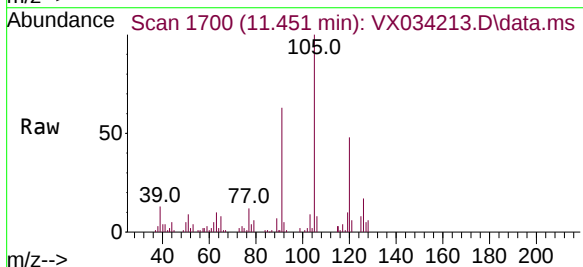
Manual Integrations
APPROVED

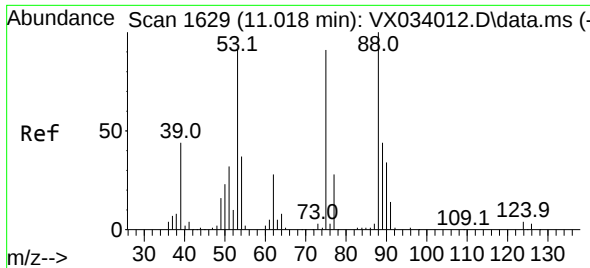
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 0.981 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Tgt Ion:105 Resp: 13016
Ion Ratio Lower Upper
105 100
120 49.7 25.6 76.8





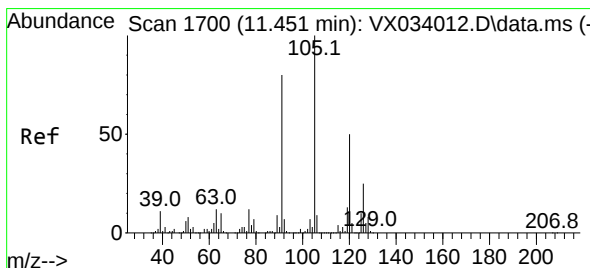
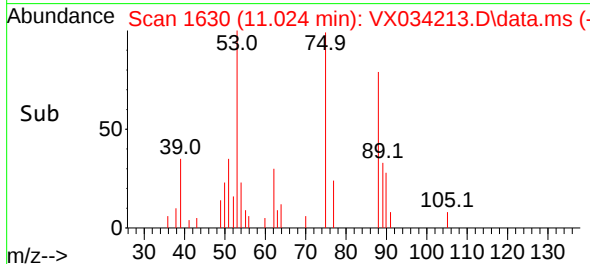
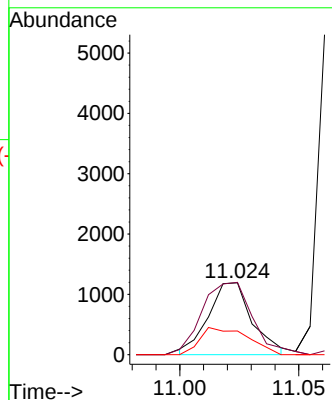
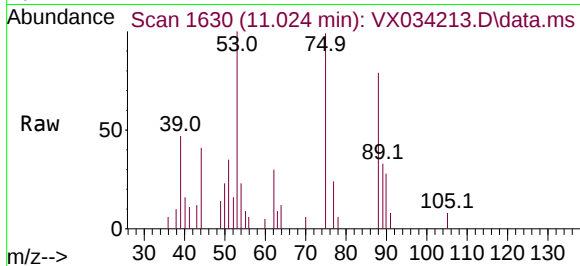
#81
trans-1,4-Dichloro-2-butene
Concen: 0.749 ug/l m
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 75 Resp: 1520
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6
89 0.0 37.7 56.5

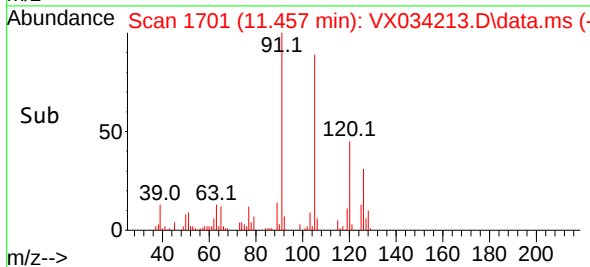
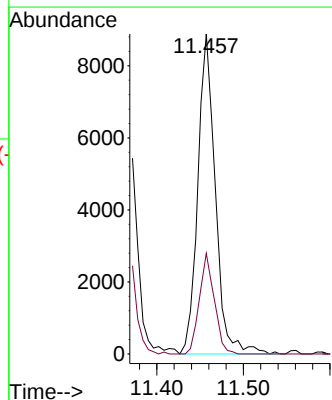
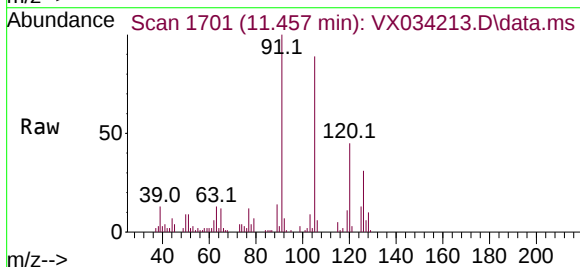
Manual Integrations
APPROVED

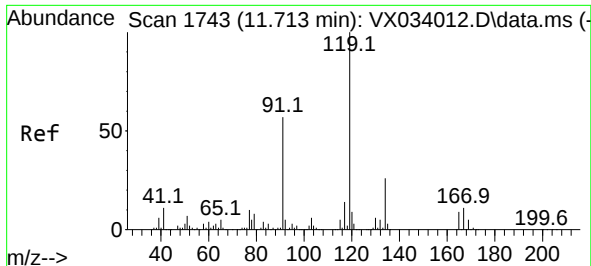
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#82
4-Chlorotoluene
Concen: 0.975 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

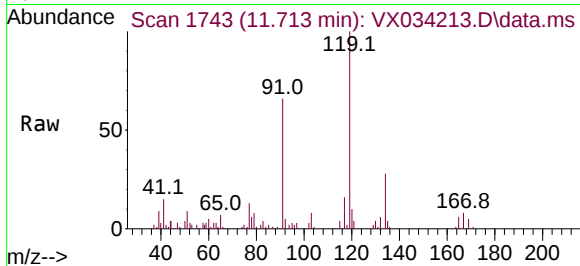
Tgt Ion: 91 Resp: 12495
Ion Ratio Lower Upper
91 100
126 26.8 15.8 47.4





#83
tert-Butylbenzene
Concen: 0.946 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

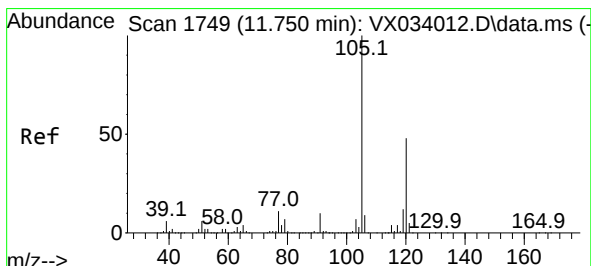
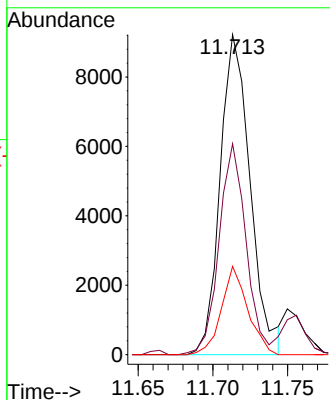
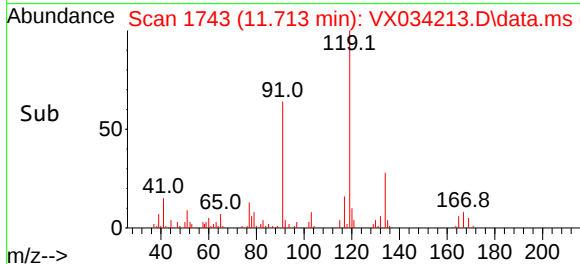
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



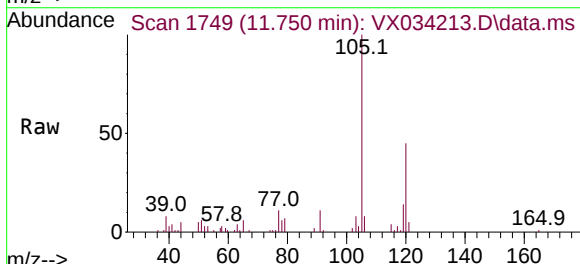
Tgt Ion:119 Resp: 1285
Ion Ratio Lower Upper
119 100
91 59.1 26.9 80.7
134 24.3 12.3 36.8

Manual Integrations
APPROVED

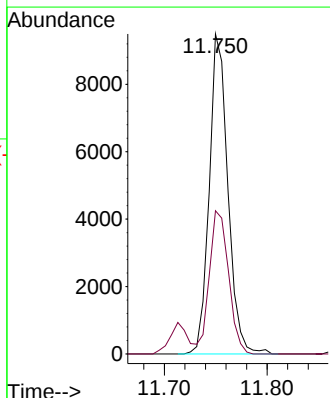
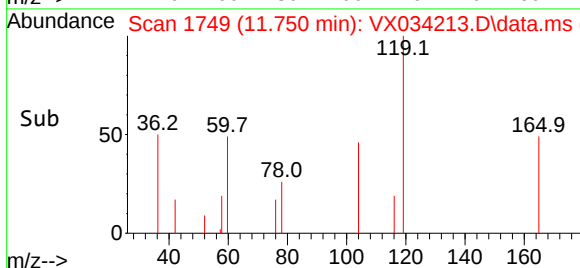
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

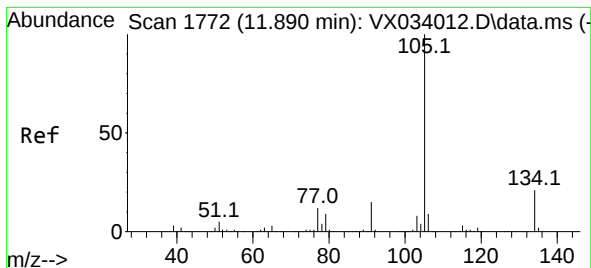


#84
1,2,4-Trimethylbenzene
Concen: 0.890 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41



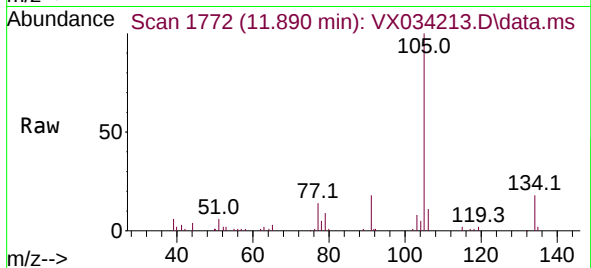
Tgt Ion:105 Resp: 11936
Ion Ratio Lower Upper
105 100
120 46.0 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 0.908 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034213.D
 Acq: 21 Feb 2023 16:41

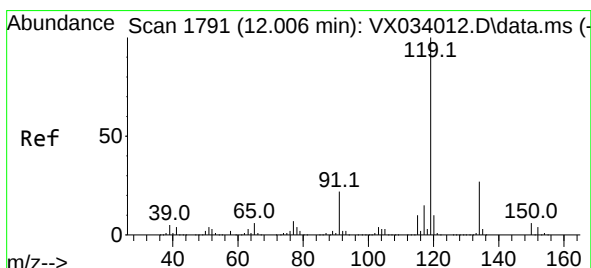
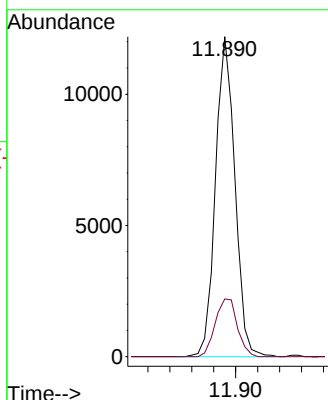
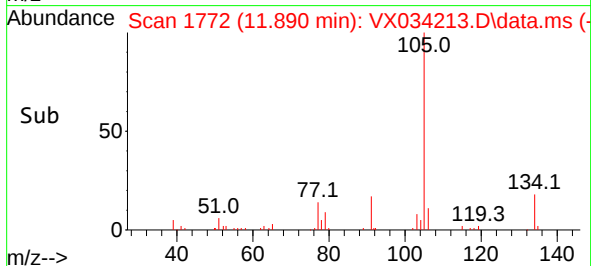
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2023



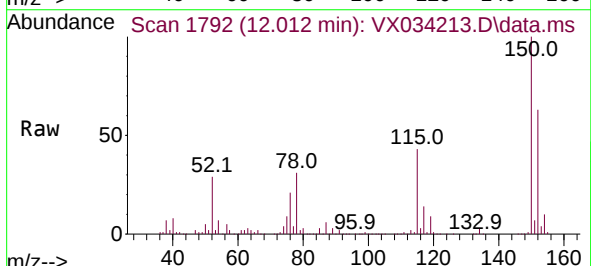
Tgt Ion:105 Resp: 14990
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.8 32.3

Manual Integrations
 APPROVED

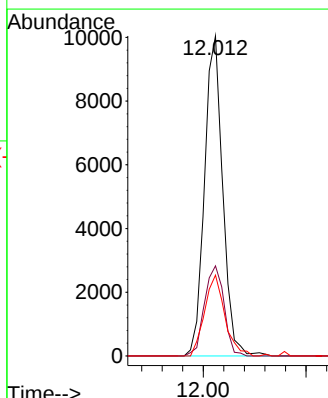
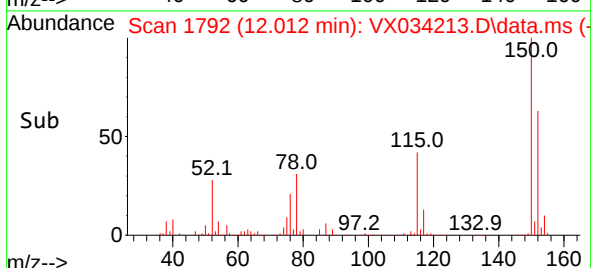
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

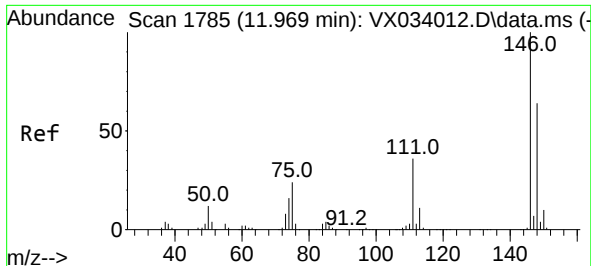


#86
 p-Isopropyltoluene
 Concen: 0.908 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX034213.D
 Acq: 21 Feb 2023 16:41



Tgt Ion:119 Resp: 12405
 Ion Ratio Lower Upper
 119 100
 134 30.1 13.6 40.8
 91 28.0 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 0.972 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034213.D

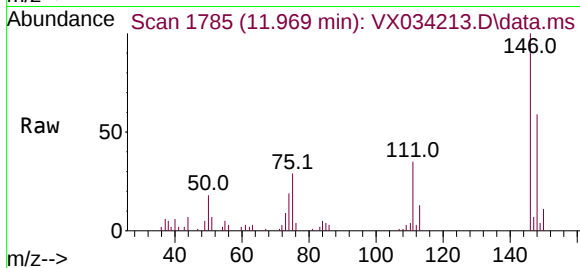
Acq: 21 Feb 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023



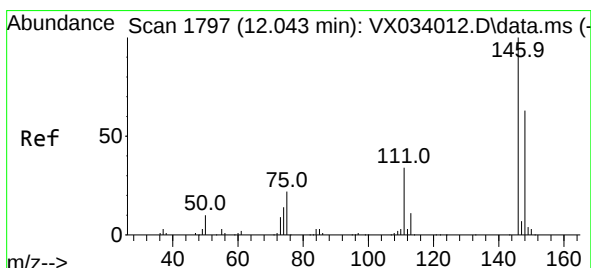
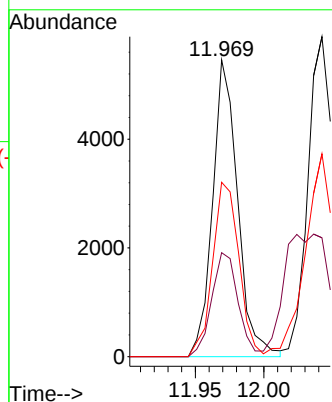
Tgt Ion:146	Resp:	692
Ion Ratio	Lower	Upper
146	100	
111	37.3	18.6 55.6
148	61.9	31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#88

1,4-Dichlorobenzene

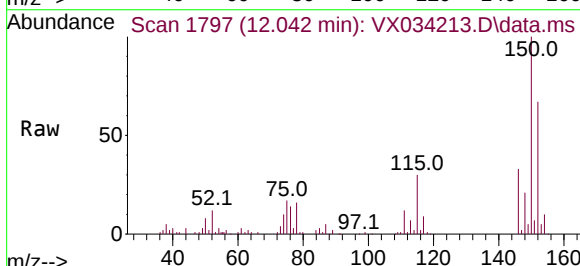
Concen: 1.095 ug/l m

RT: 12.042 min Scan# 1797

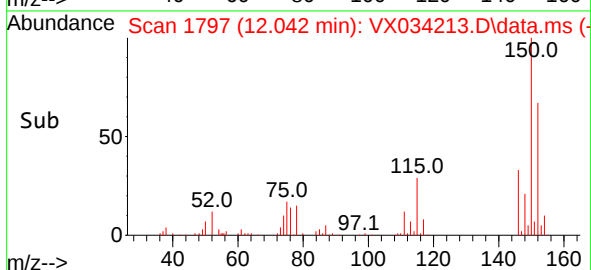
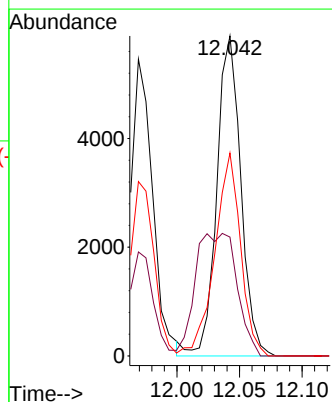
Delta R.T. 0.000 min

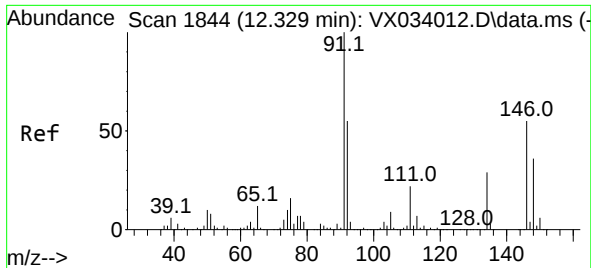
Lab File: VX034213.D

Acq: 21 Feb 2023 16:41



Tgt Ion:146	Resp:	7867
Ion Ratio	Lower	Upper
146	100	
111	32.8	17.8 53.4
148	54.5	32.1 96.3





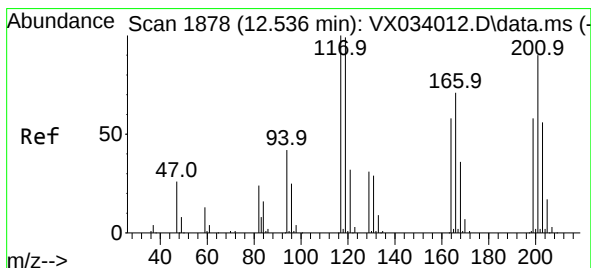
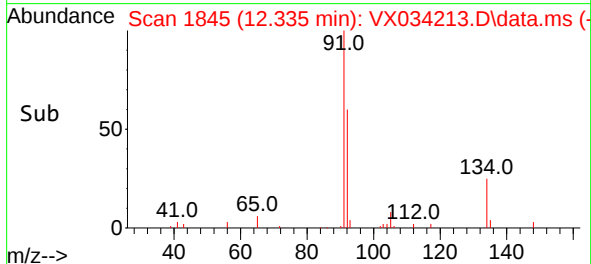
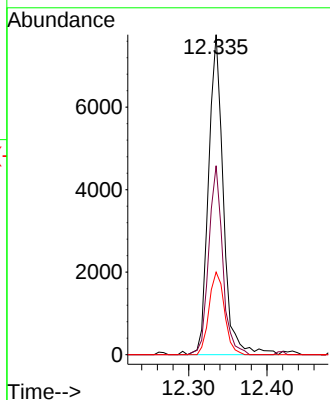
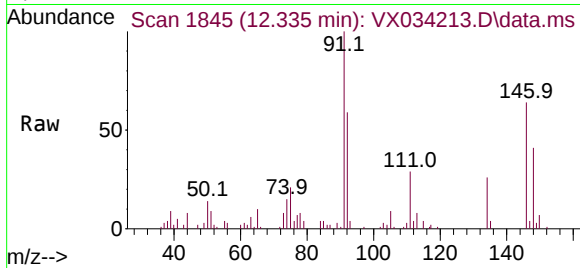
#89
n-Butylbenzene
Concen: 0.837 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 91 Resp: 10180
Ion Ratio Lower Upper
91 100
92 55.5 27.5 82.5
134 26.8 14.3 42.9

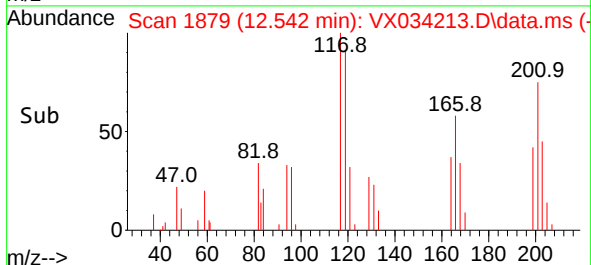
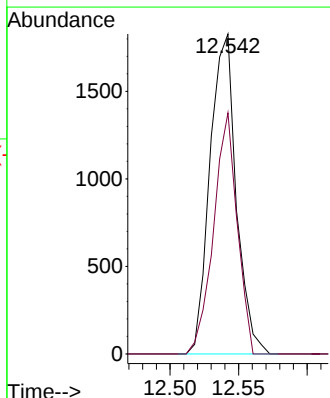
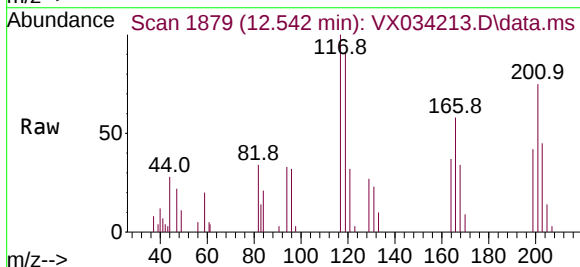
Manual Integrations
APPROVED

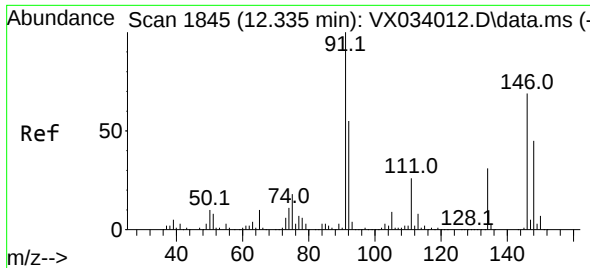
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#90
Hexachloroethane
Concen: 0.853 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

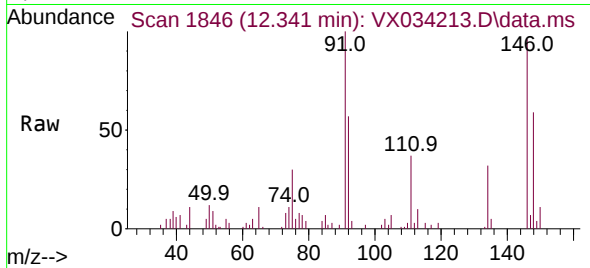
Tgt Ion:117 Resp: 2437
Ion Ratio Lower Upper
117 100
201 67.5 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 1.069 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

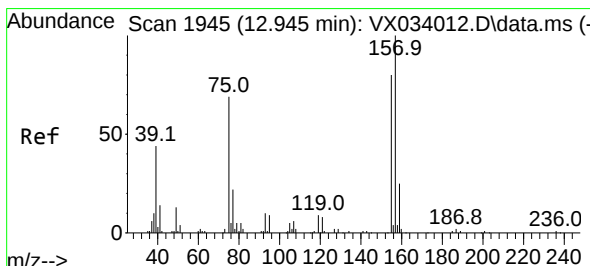
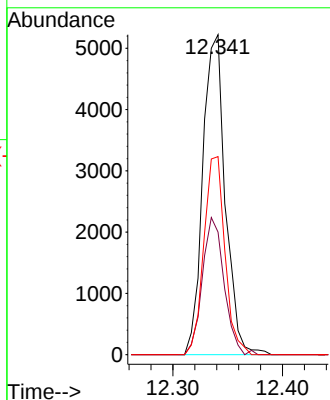
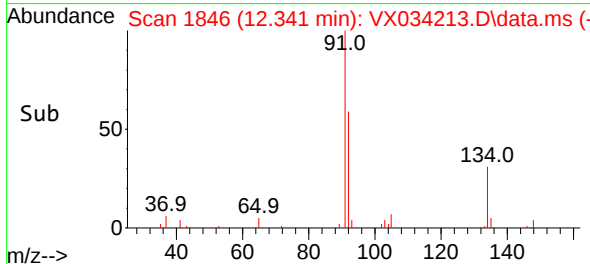
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



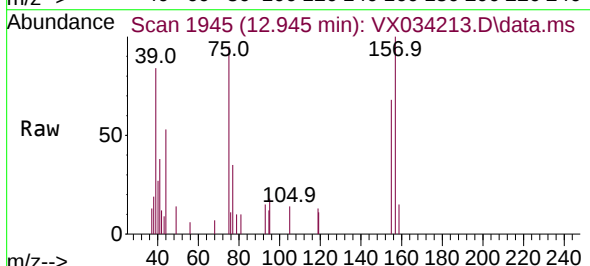
Tgt Ion:146 Resp: 7448
Ion Ratio Lower Upper
146 100
111 41.3 19.3 57.8
148 58.1 32.3 96.9

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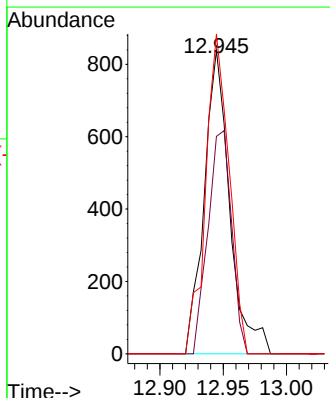
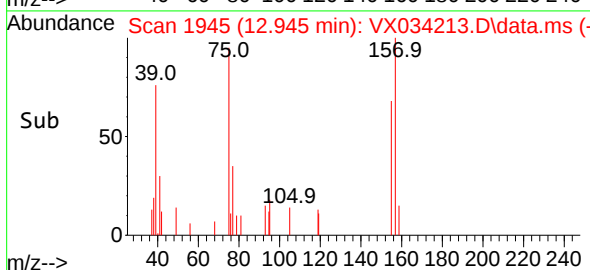
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

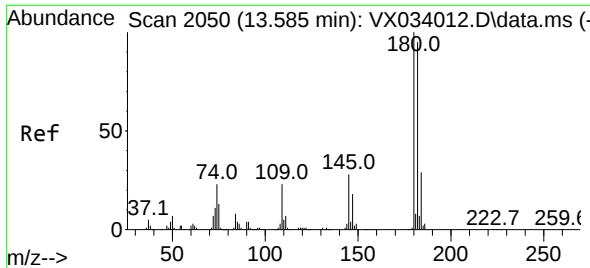


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.916 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41



Tgt Ion: 75 Resp: 1179
Ion Ratio Lower Upper
75 100
155 68.1 51.7 155.1
157 96.9 67.5 202.3





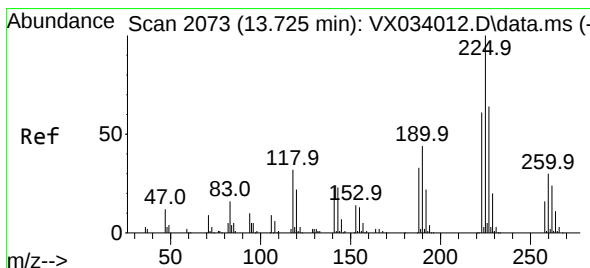
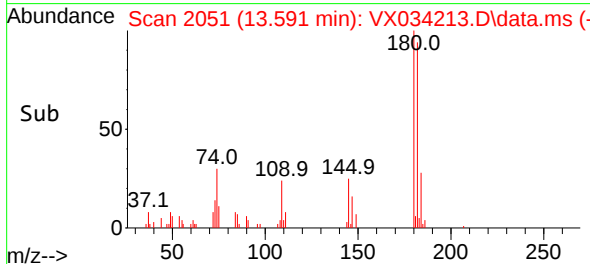
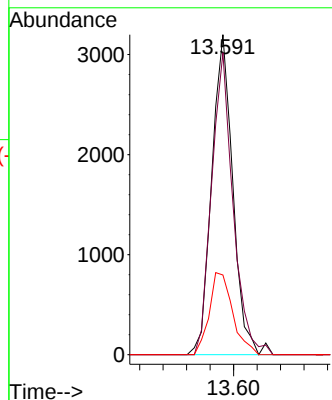
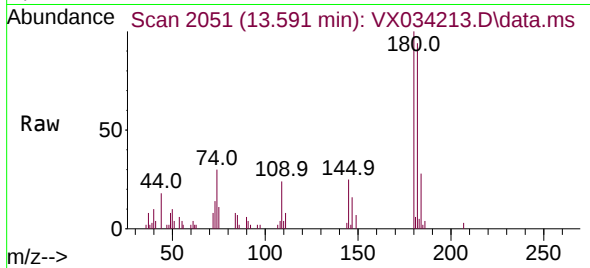
#93
1,2,4-Trichlorobenzene
Concen: 0.892 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:180 Resp: 399
Ion Ratio Lower Upper
180 100
182 95.6 47.9 143.6
145 28.4 14.1 42.2

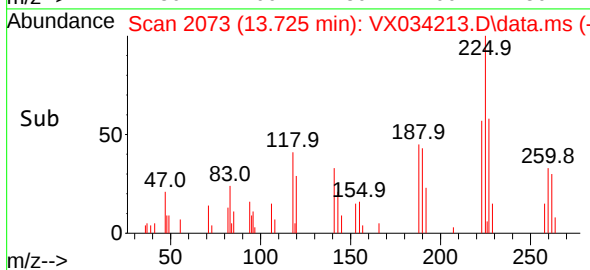
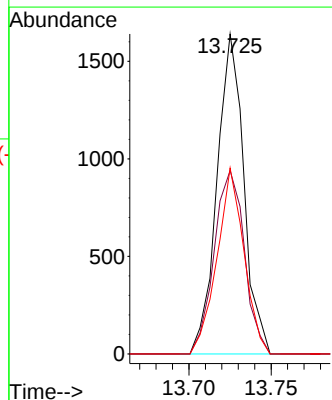
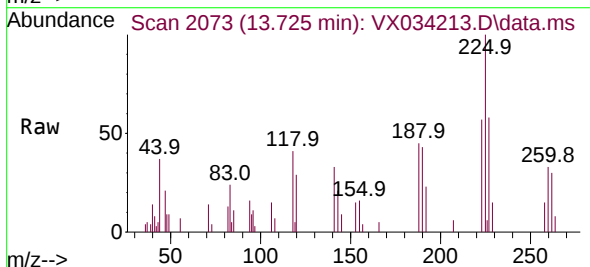
Manual Integrations
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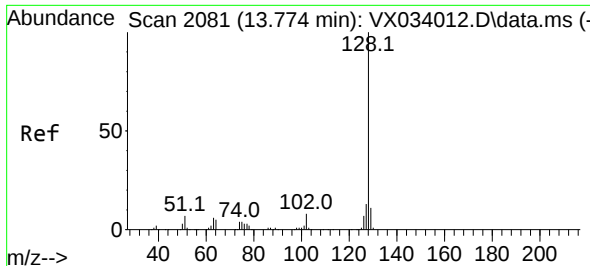
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#94
Hexachlorobutadiene
Concen: 1.002 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

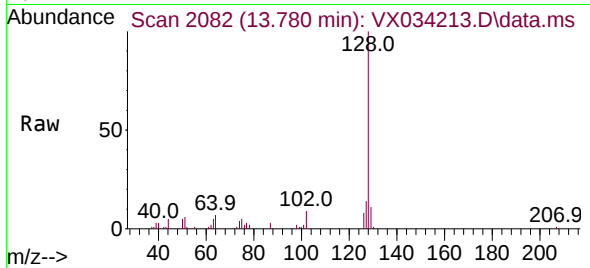
Tgt Ion:225 Resp: 1859
Ion Ratio Lower Upper
225 100
223 64.6 31.3 93.9
227 58.6 32.3 96.9





#95
Naphthalene
Concen: 0.912 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

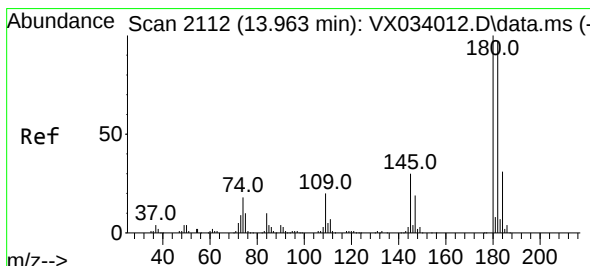
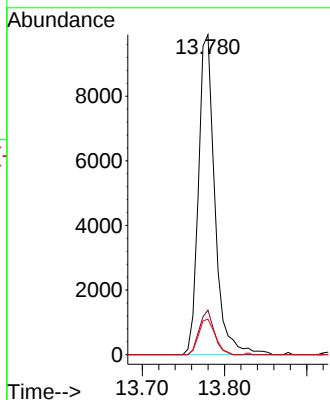
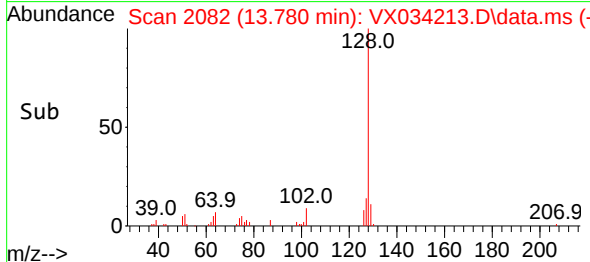
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:128 Resp: 13744
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 0.875 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034213.D
Acq: 21 Feb 2023 16:41

Tgt Ion:180 Resp: 3889
Ion Ratio Lower Upper
180 100
182 99.6 47.6 142.9
145 34.6 15.1 45.3

