

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030241.D
 Acq On : 27 Jul 2022 18:59
 Operator : JC/MD
 Sample : N3916-03 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 998

Quant Time: Jul 28 05:53:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

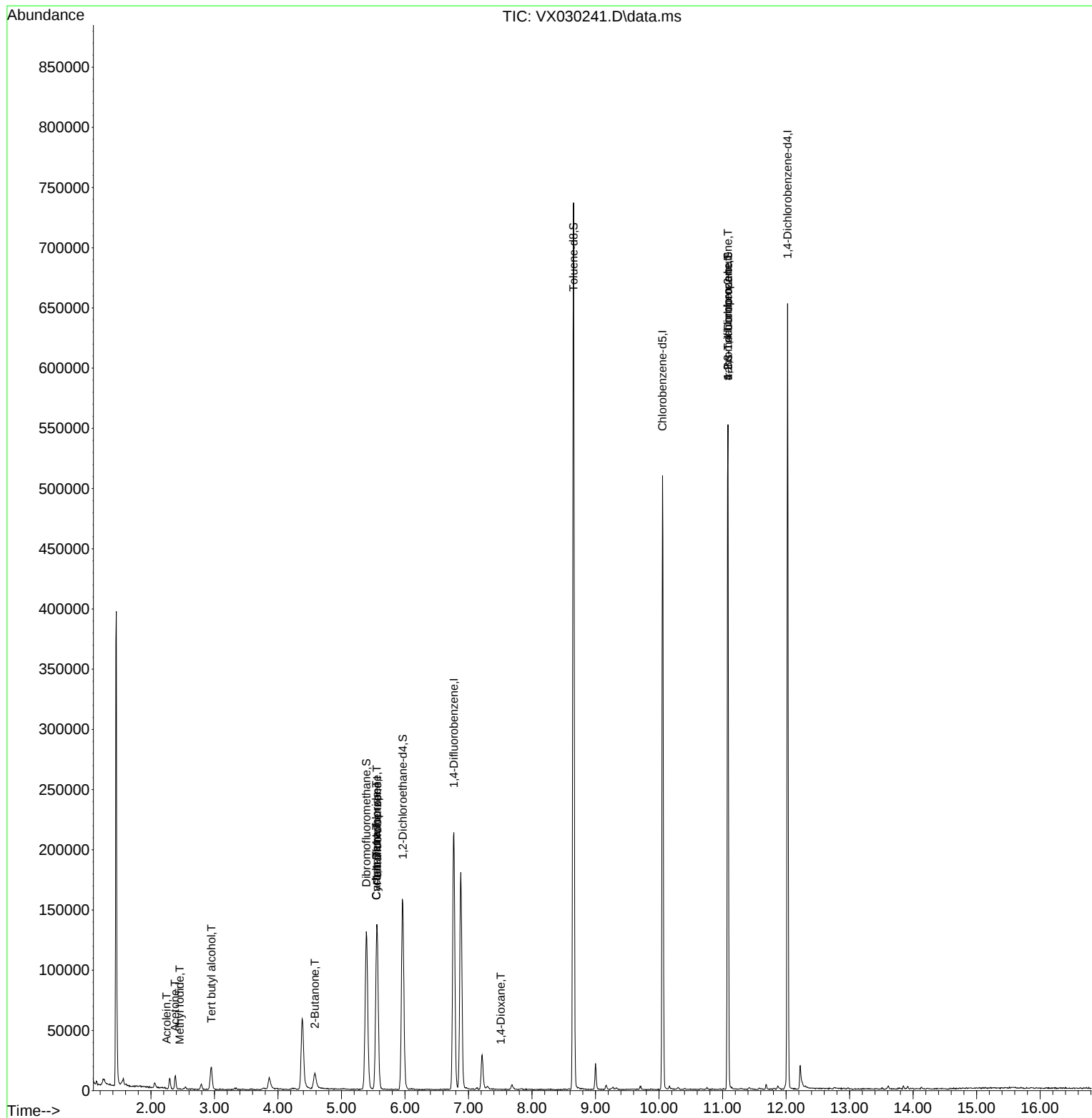
Internal Standards						
1) Pentafluorobenzene	5.562	168	127777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	218235	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	146956	57.221	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.440%	
35) Dibromofluoromethane	5.391	113	116712	55.944	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.880%	
50) Toluene-d8	8.653	98	428749	53.068	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.140%	
62) 4-Bromofluorobenzene	11.085	95	152049	50.710	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.420%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	286	Below Cal	#	58
10) Methyl Iodide	2.453	142	242	1.643	ug/l #	70
11) Tert butyl alcohol	2.953	59	10862	17.339	ug/l #	76
13) Acrolein	2.245	56	239	1.552	ug/l #	14
16) Acetone	2.380	43	11656	8.865	ug/l	94
20) Methylene Chloride	2.794	84	1707	Below Cal	#	88
25) 2-Butanone	4.580	43	5054	2.287	ug/l	100
31) Cyclohexane	5.550	56	2983	0.800	ug/l #	10
36) 1,1-Dichloropropene	5.556	75	10889	3.627	ug/l #	48
38) Carbon Tetrachloride	5.550	117	12945	4.619	ug/l #	20
49) 1,4-Dioxane	7.507	88	20	0.282	ug/l #	1
67) Ethyl Benzene	10.195	91	298	Below Cal	#	43
76) 1,2,3-Trichloropropane	11.085	75	76268	22.979	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	76268	68.936	ug/l #	13

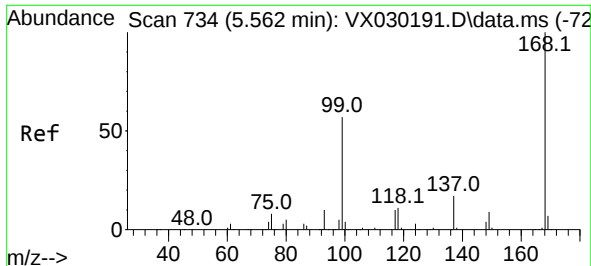
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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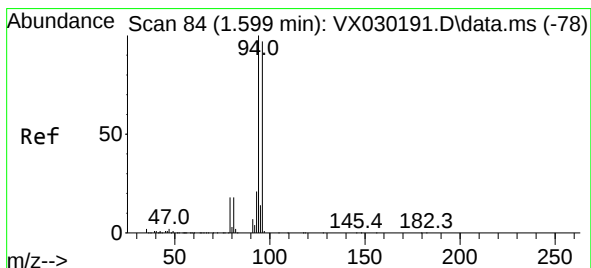
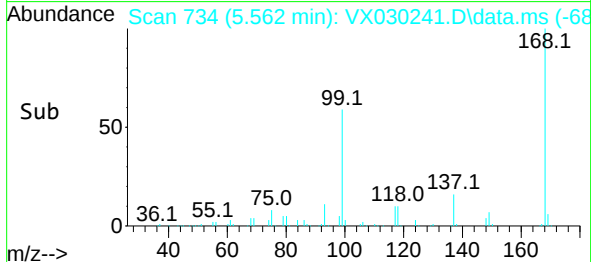
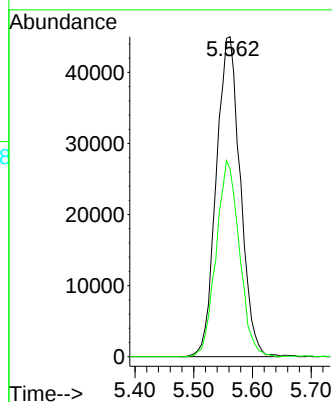
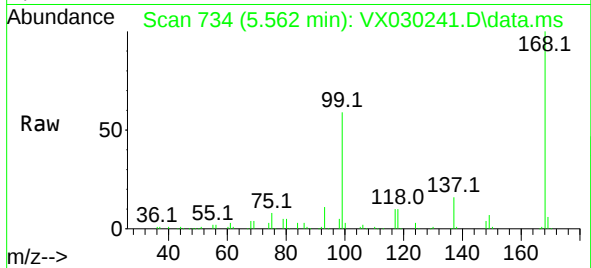




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030241.D
Acq: 27 Jul 2022 18:59

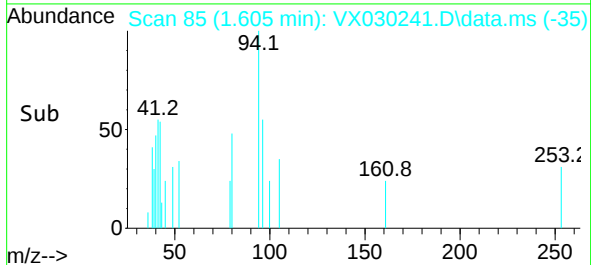
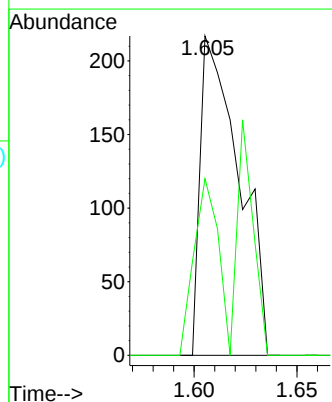
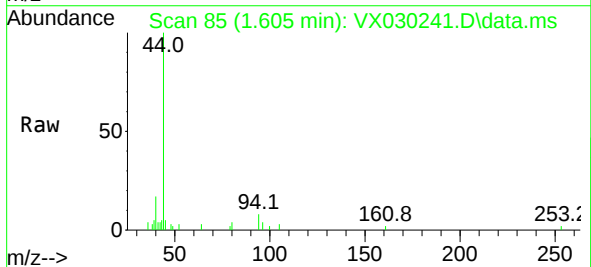
Instrument :
MSVOA_X
ClientSampleId :
998

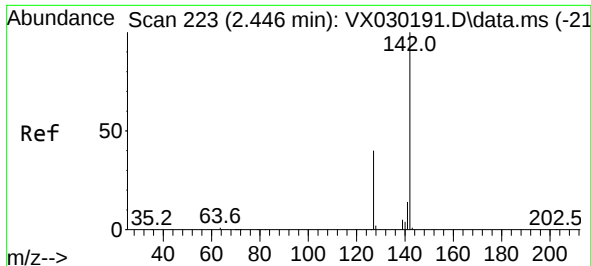
Tgt Ion:168 Resp: 127777
Ion Ratio Lower Upper
168 100
99 58.6 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX030241.D
Acq: 27 Jul 2022 18:59

Tgt Ion: 94 Resp: 286
Ion Ratio Lower Upper
94 100
96 55.3 76.9 115.3#

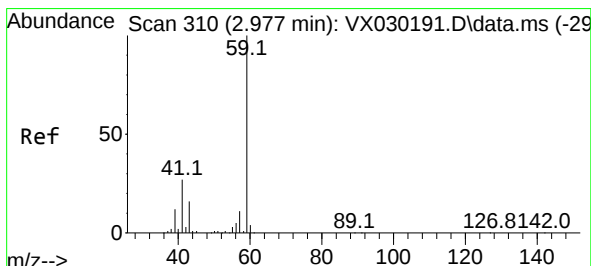
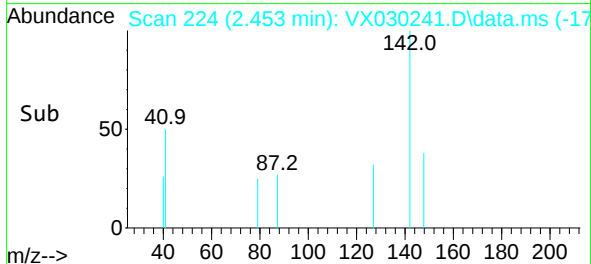
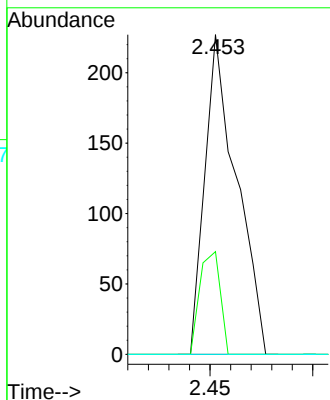
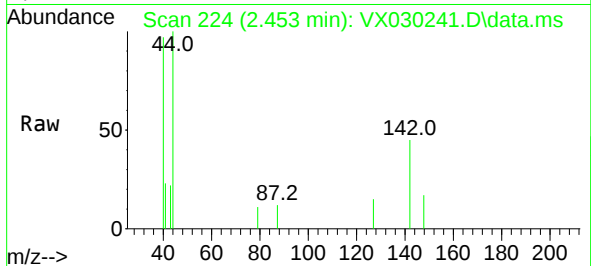




#10
Methyl Iodide
Concen: 1.643 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX030241.D
Acq: 27 Jul 2022 18:59

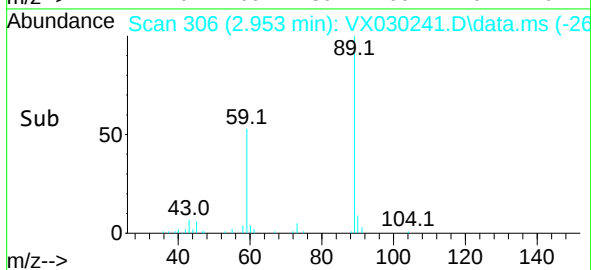
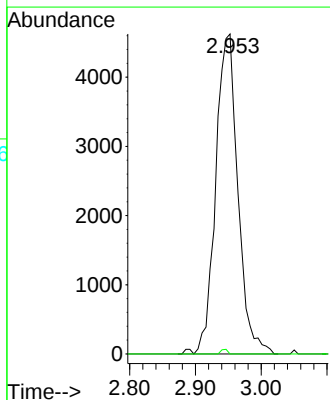
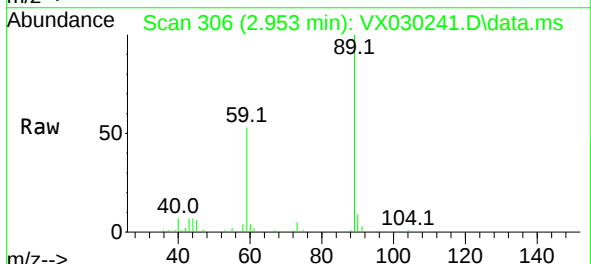
Instrument :
MSVOA_X
ClientSampleId :
998

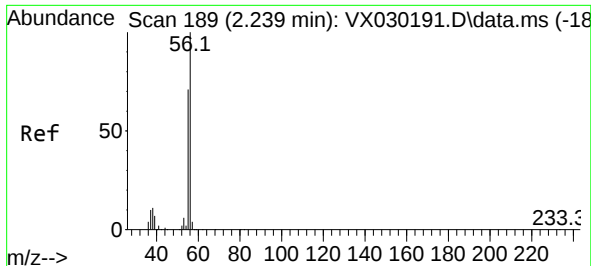
Tgt Ion:142 Resp: 242
Ion Ratio Lower Upper
142 100
127 20.7 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 17.339 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX030241.D
Acq: 27 Jul 2022 18:59

Tgt Ion: 59 Resp: 10862
Ion Ratio Lower Upper
59 100
57 0.4 7.4 11.2#

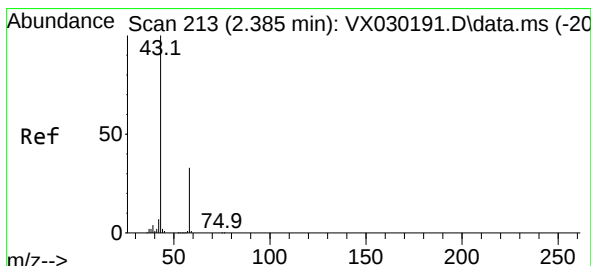
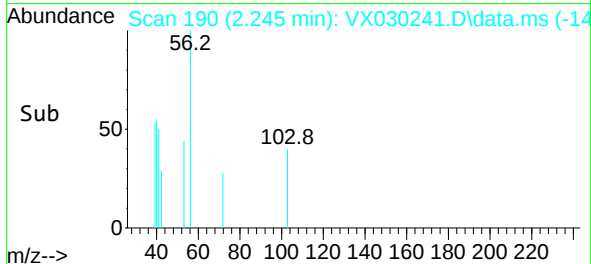
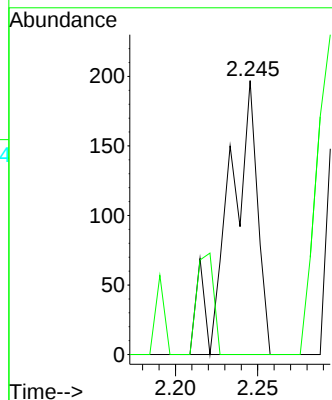
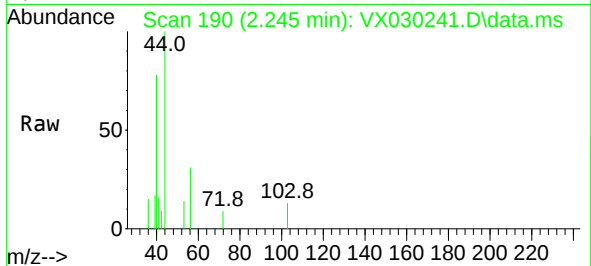




#13
Acrolein
Concen: 1.552 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX030241.D
Acq: 27 Jul 2022 18:59

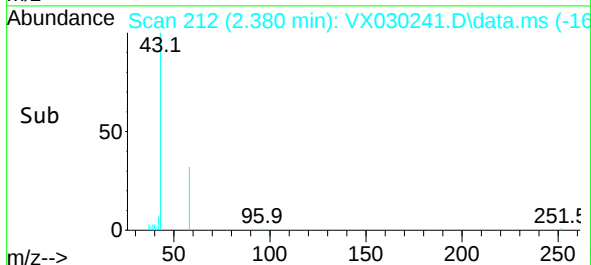
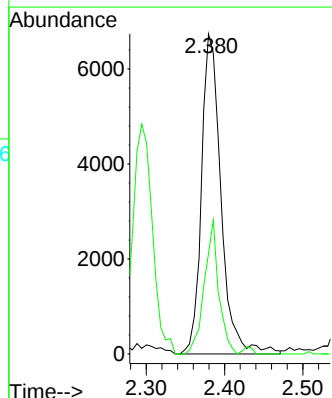
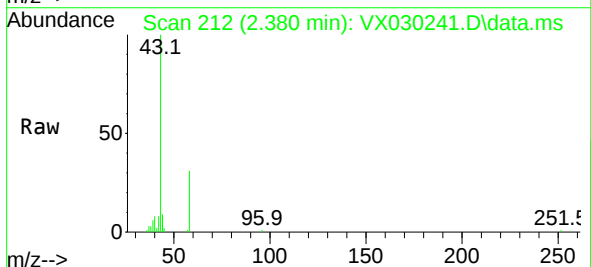
Instrument :
MSVOA_X
ClientSampleId :
998

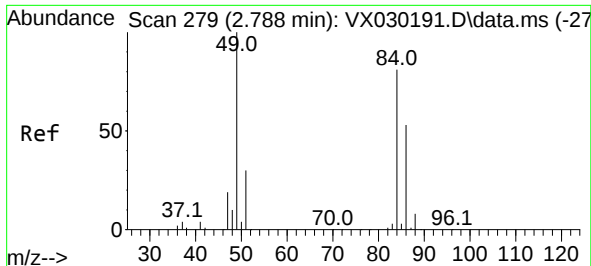
Tgt Ion: 56 Resp: 239
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#16
Acetone
Concen: 8.865 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.005 min
Lab File: VX030241.D
Acq: 27 Jul 2022 18:59

Tgt Ion: 43 Resp: 11656
Ion Ratio Lower Upper
43 100
58 31.4 27.7 41.5

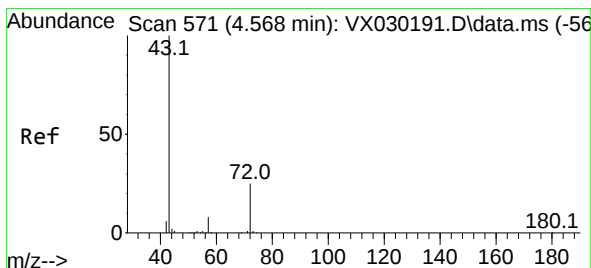
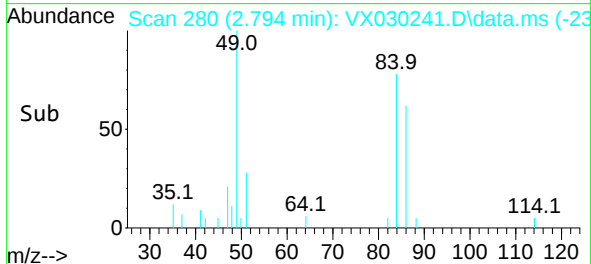
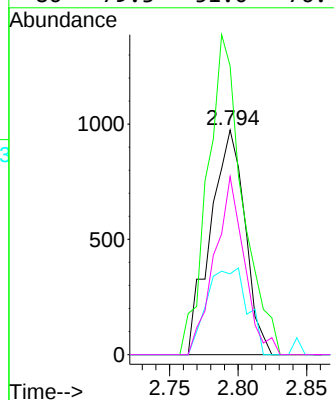
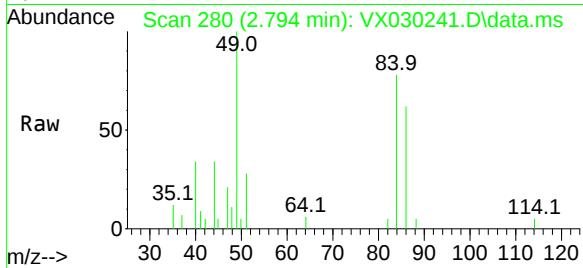




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030241.D
Acq: 27 Jul 2022 18:59

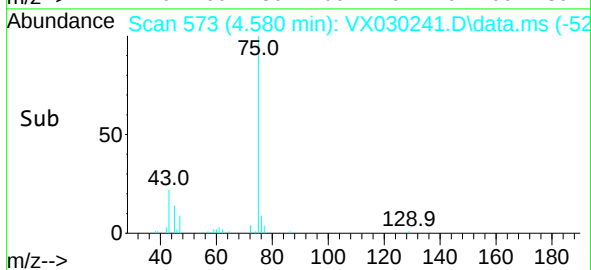
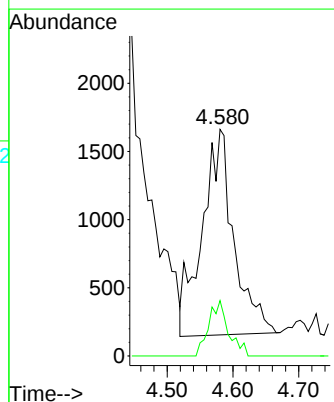
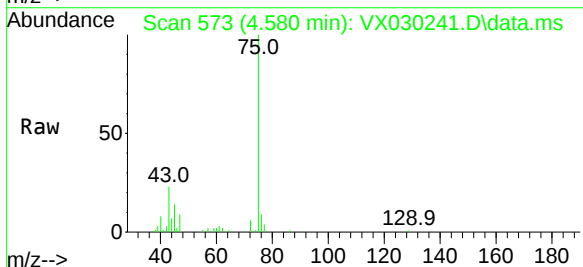
Instrument :
MSVOA_X
ClientSampleId :
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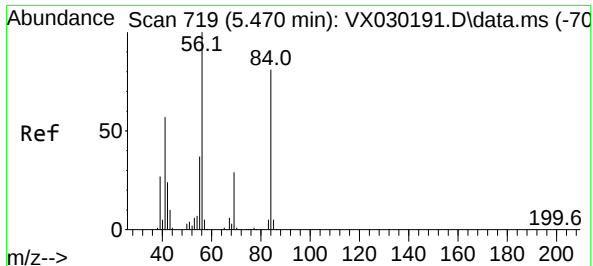
Tgt Ion: 84 Resp: 1707
Ion Ratio Lower Upper
84 100
49 128.5 93.8 140.6
51 35.9 29.4 44.0
86 79.3 51.0 76.4#



#25
2-Butanone
Concen: 2.287 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX030241.D
Acq: 27 Jul 2022 18:59

Tgt Ion: 43 Resp: 5054
Ion Ratio Lower Upper
43 100
72 27.2 21.7 32.5

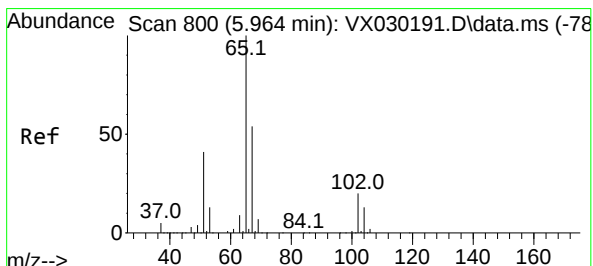
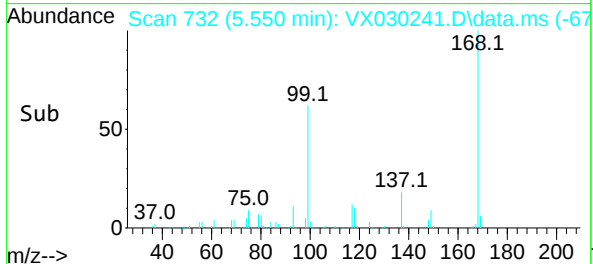
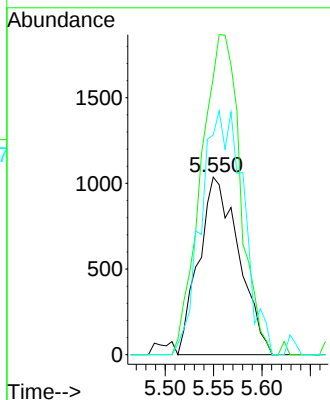
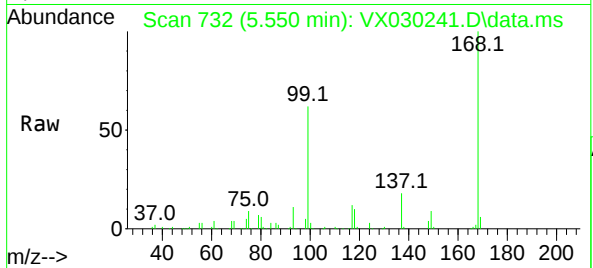




#31
Cyclohexane
Concen: 0.800 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX030241.D
Acq: 27 Jul 2022 18:59

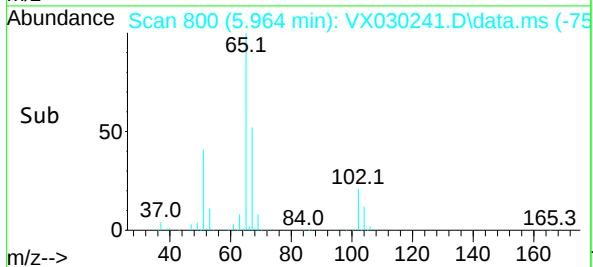
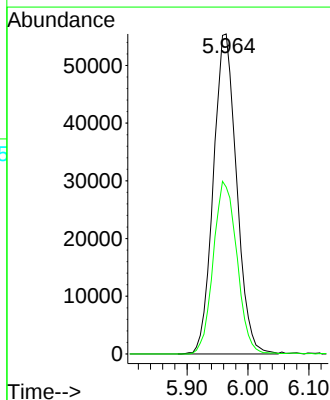
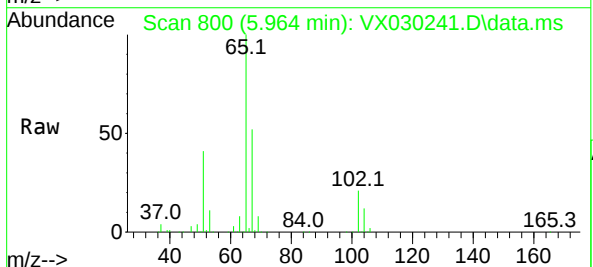
Instrument :
MSVOA_X
ClientSampleId :
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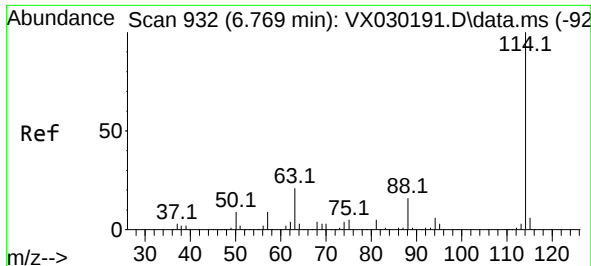
Tgt Ion: 56 Resp: 2983
Ion Ratio Lower Upper
56 100
69 155.9 25.4 38.0#
84 123.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 57.221 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX030241.D
Acq: 27 Jul 2022 18:59

Tgt Ion: 65 Resp: 146956
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6

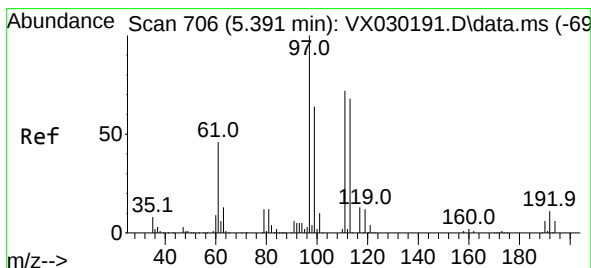
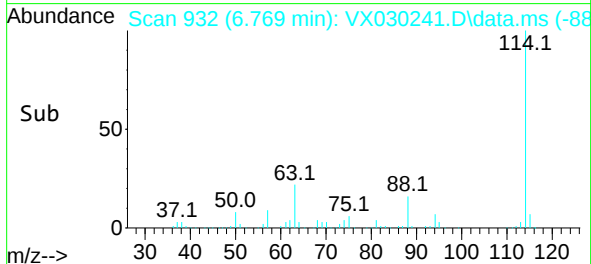
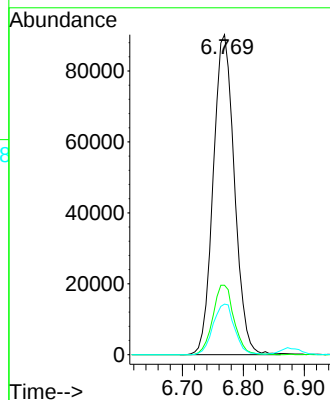
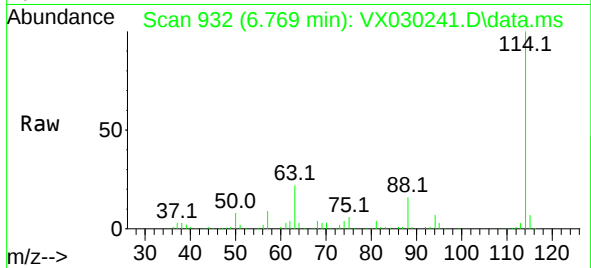




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX030241.D
Acq: 27 Jul 2022 18:59

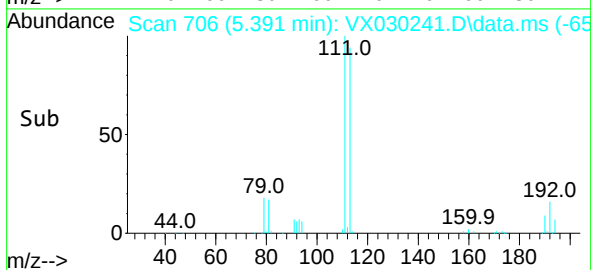
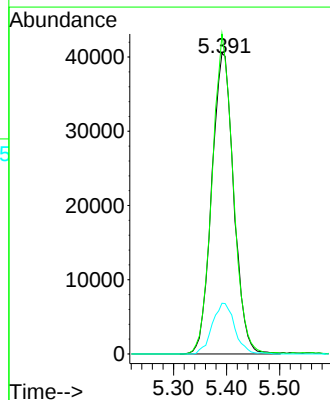
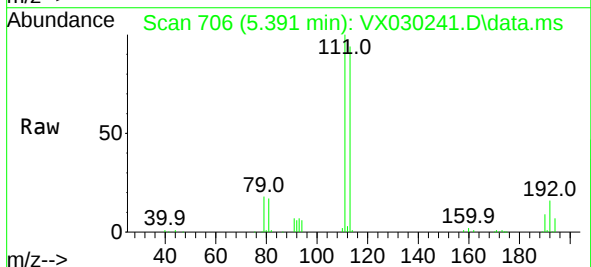
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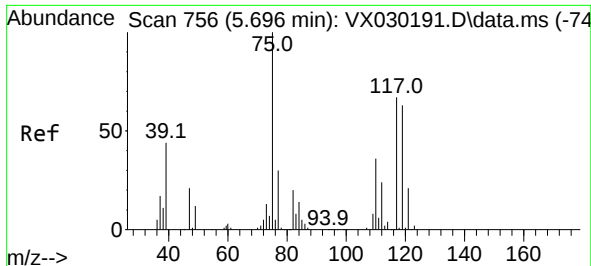
Tgt Ion:114 Resp: 218235
Ion Ratio Lower Upper
114 100
63 21.7 0.0 38.4
88 15.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 55.944 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030241.D
Acq: 27 Jul 2022 18:59

Tgt Ion:113 Resp: 116712
Ion Ratio Lower Upper
113 100
111 101.6 83.2 124.8
192 17.1 14.8 22.2

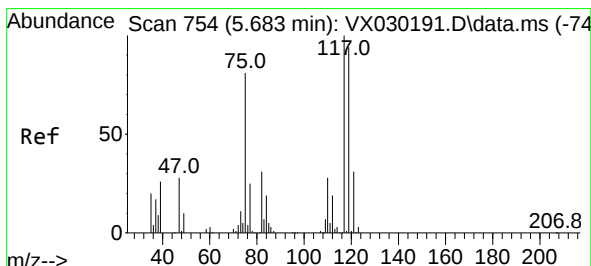
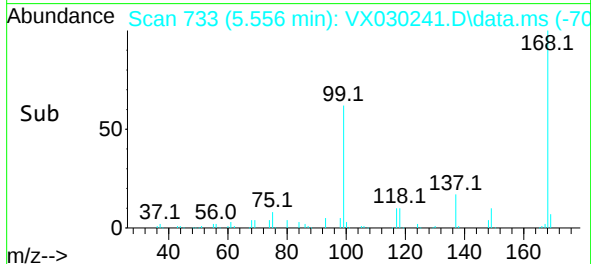
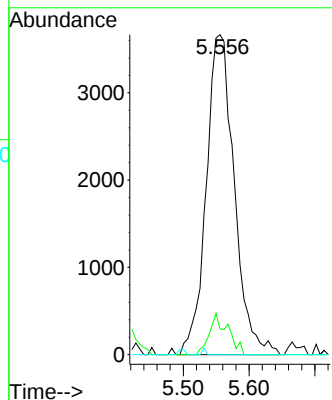
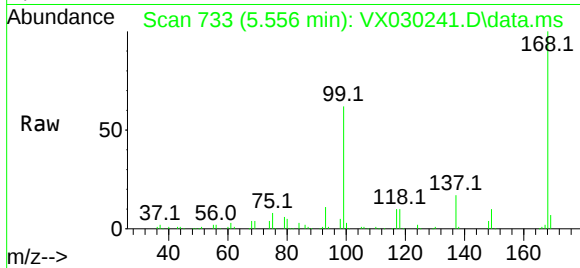




#36
1,1-Dichloropropene
Concen: 3.627 ug/l
RT: 5.556 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX030241.D
Acq: 27 Jul 2022 18:59

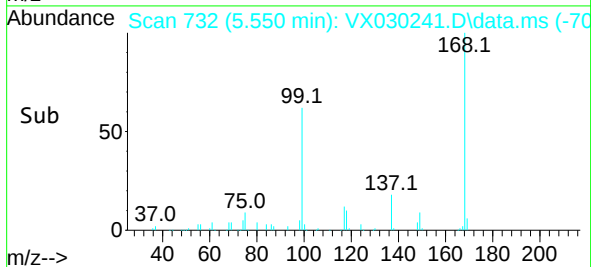
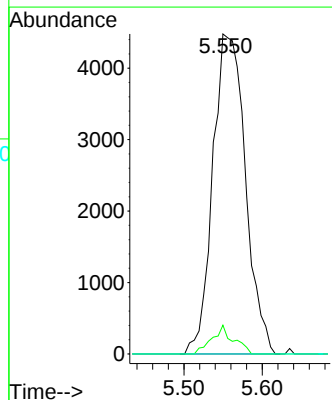
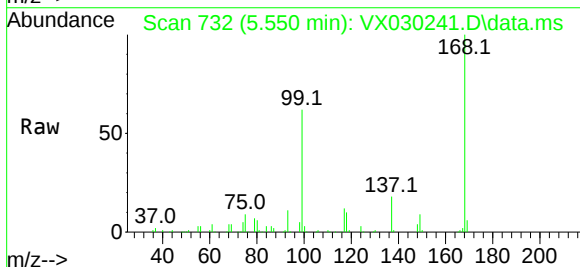
Instrument :
MSVOA_X
ClientSampleId :
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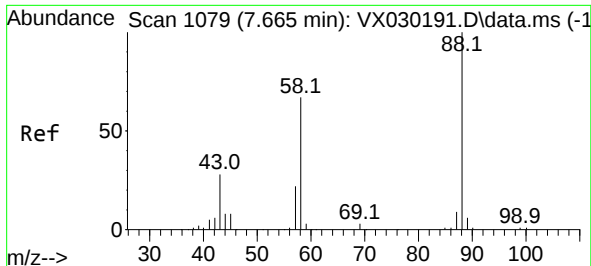
Tgt Ion: 75 Resp: 10889
Ion Ratio Lower Upper
75 100
110 8.5 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.619 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.133 min
Lab File: VX030241.D
Acq: 27 Jul 2022 18:59

Tgt Ion: 117 Resp: 12945
Ion Ratio Lower Upper
117 100
119 9.0 74.1 111.1#
121 0.0 25.8 38.8#

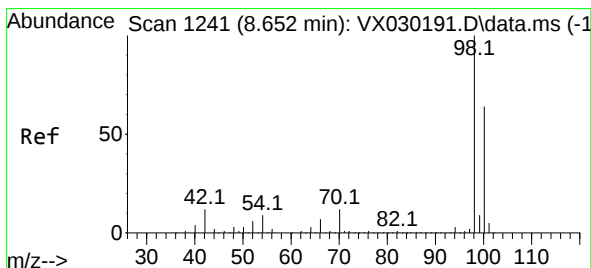
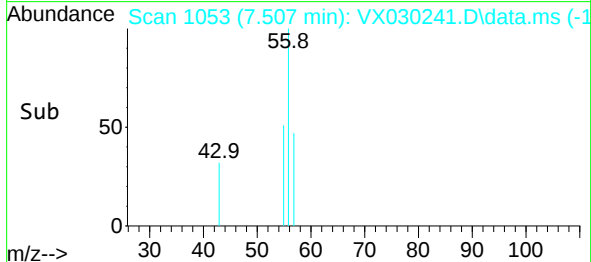
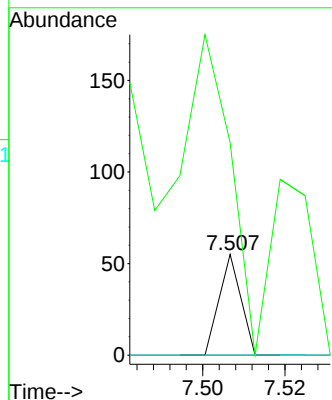
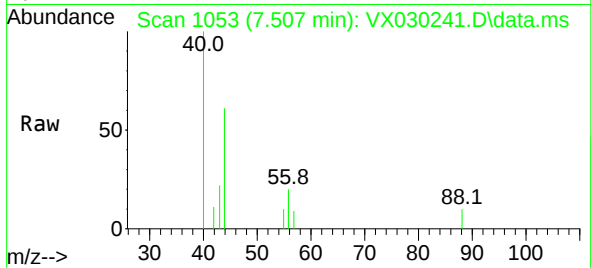




#49
1,4-Dioxane
Concen: 0.282 ug/l
RT: 7.507 min Scan# 1053
Delta R.T. -0.158 min
Lab File: VX030241.D
Acq: 27 Jul 2022 18:59

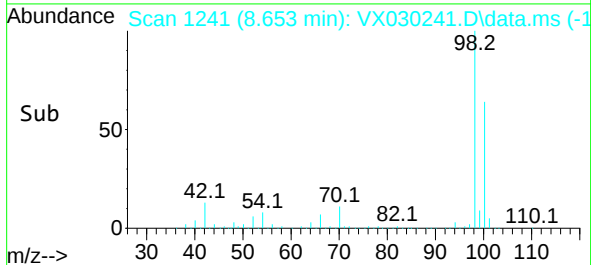
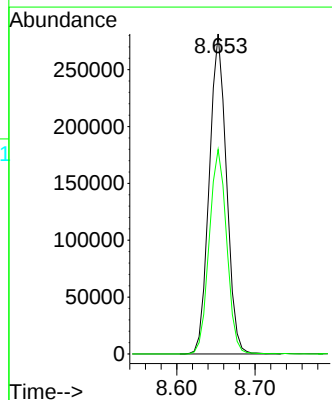
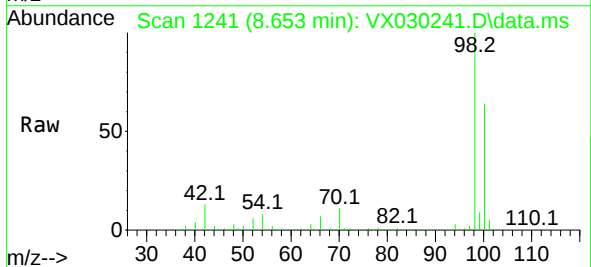
Instrument :
MSVOA_X
ClientSampleId :
998

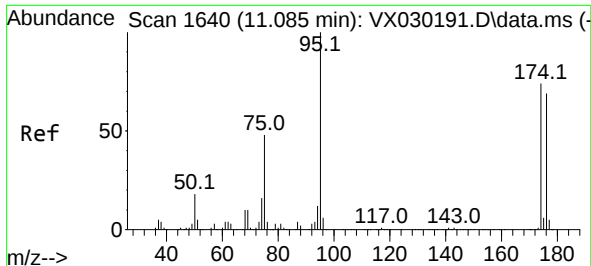
Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 710.0 23.8 35.8#
58 0.0 53.8 80.6#



#50
Toluene-d8
Concen: 53.068 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030241.D
Acq: 27 Jul 2022 18:59

Tgt Ion: 98 Resp: 428749
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5

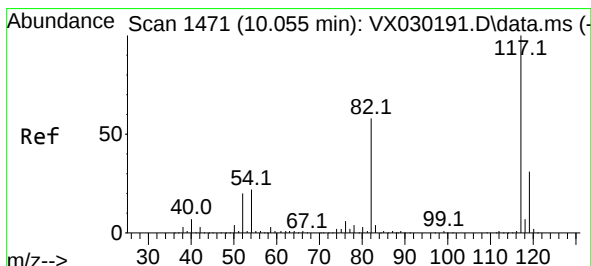
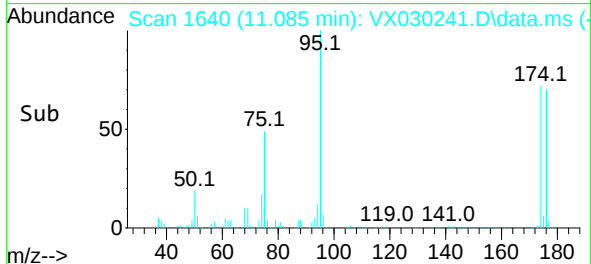
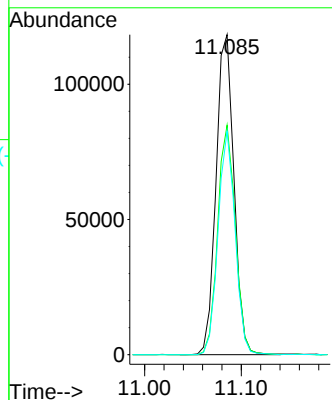
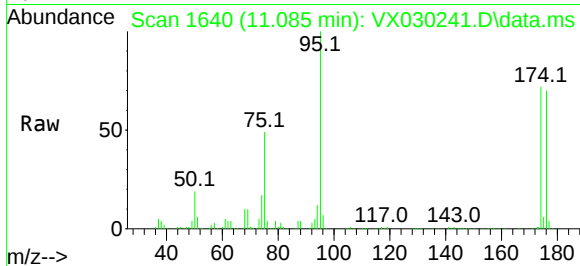




#62
4-Bromofluorobenzene
Concen: 50.710 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030241.D
Acq: 27 Jul 2022 18:59

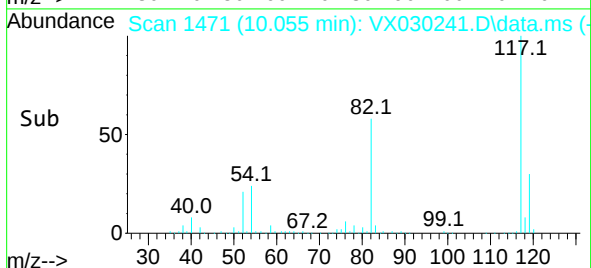
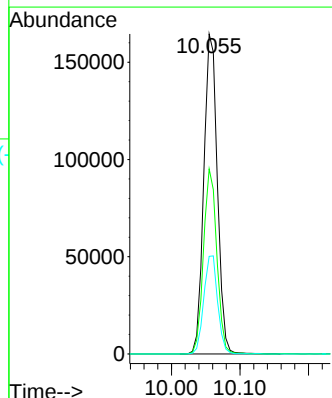
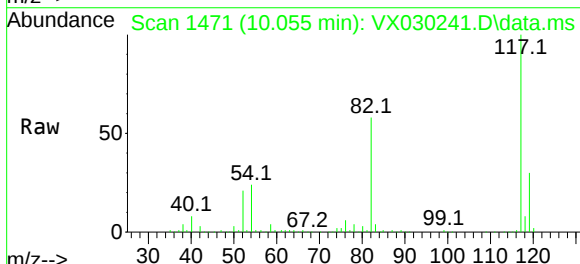
Instrument :
MSVOA_X
ClientSampleId :
998

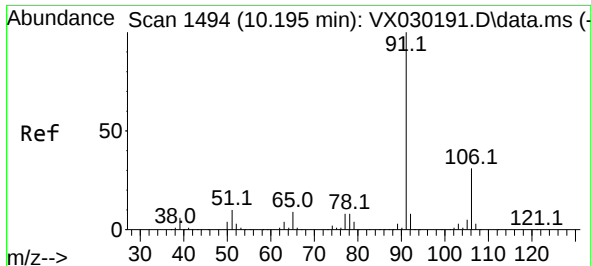
Tgt Ion: 95 Resp: 152049
Ion Ratio Lower Upper
95 100
174 70.8 0.0 149.0
176 66.3 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030241.D
Acq: 27 Jul 2022 18:59

Tgt Ion: 117 Resp: 226542
Ion Ratio Lower Upper
117 100
82 57.9 42.7 64.1
119 30.5 25.4 38.2

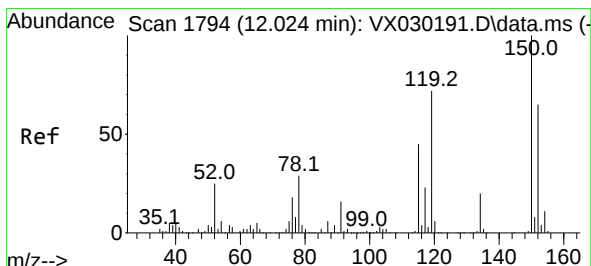
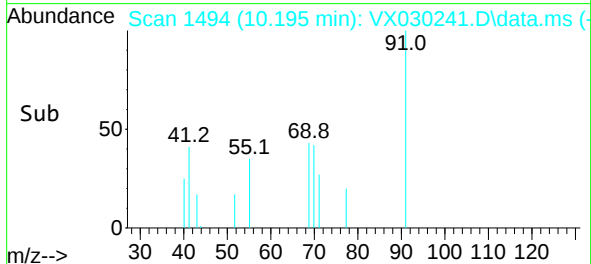
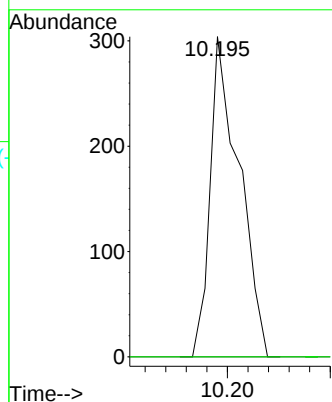
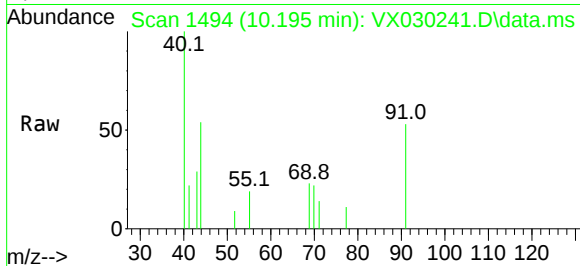




#67
Ethyl Benzene
Concen: Below Cal
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030241.D
Acq: 27 Jul 2022 18:59

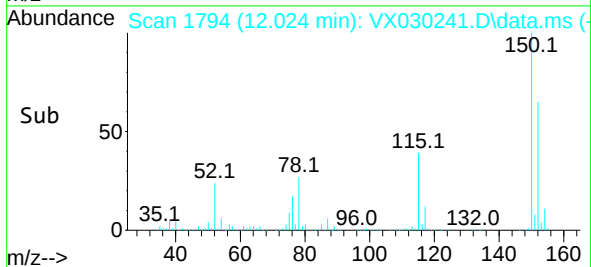
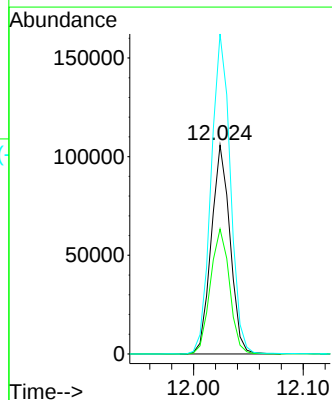
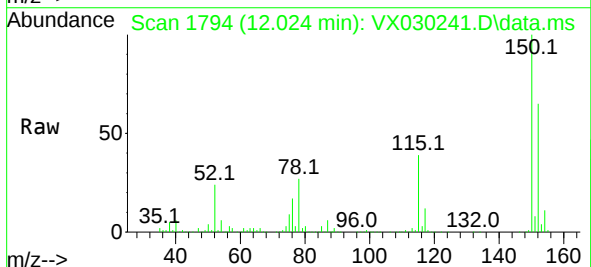
Instrument :
MSVOA_X
ClientSampleId :
998

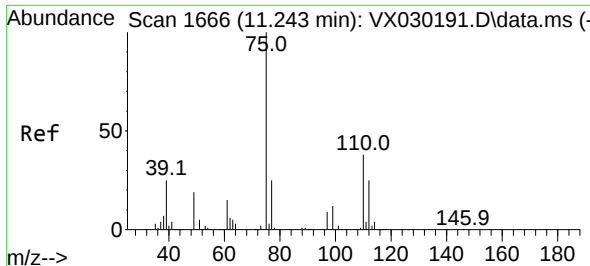
Tgt Ion: 91 Resp: 298
Ion Ratio Lower Upper
91 100
106 0.0 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030241.D
Acq: 27 Jul 2022 18:59

Tgt Ion:152 Resp: 125913
Ion Ratio Lower Upper
152 100
115 61.0 40.5 121.5
150 157.4 0.0 347.0

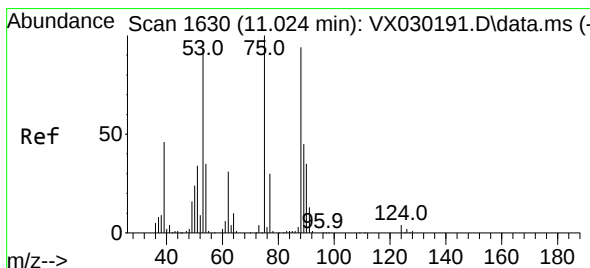
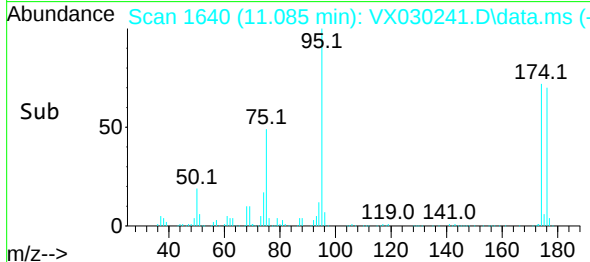
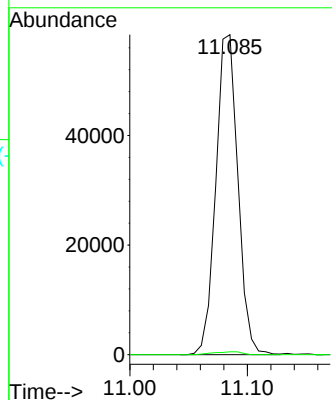
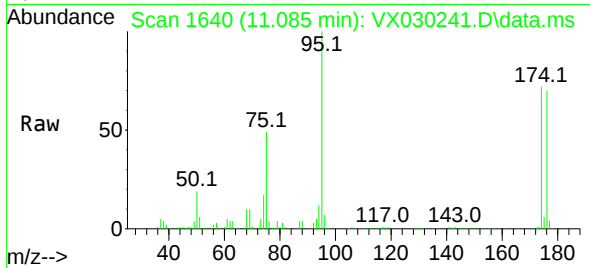




#76
1,2,3-Trichloropropane
Concen: 22.979 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX030241.D
Acq: 27 Jul 2022 18:59

Instrument :
MSVOA_X
ClientSampleId :
998

Tgt Ion: 75 Resp: 76268
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.936 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX030241.D
Acq: 27 Jul 2022 18:59

Tgt Ion: 75 Resp: 76268
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.2 34.8 52.2#

