

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081821\
 Data File : VX023810.D
 Acq On : 18 Aug 2021 12:41
 Operator : JC/MD
 Sample : M3433-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 13:44:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

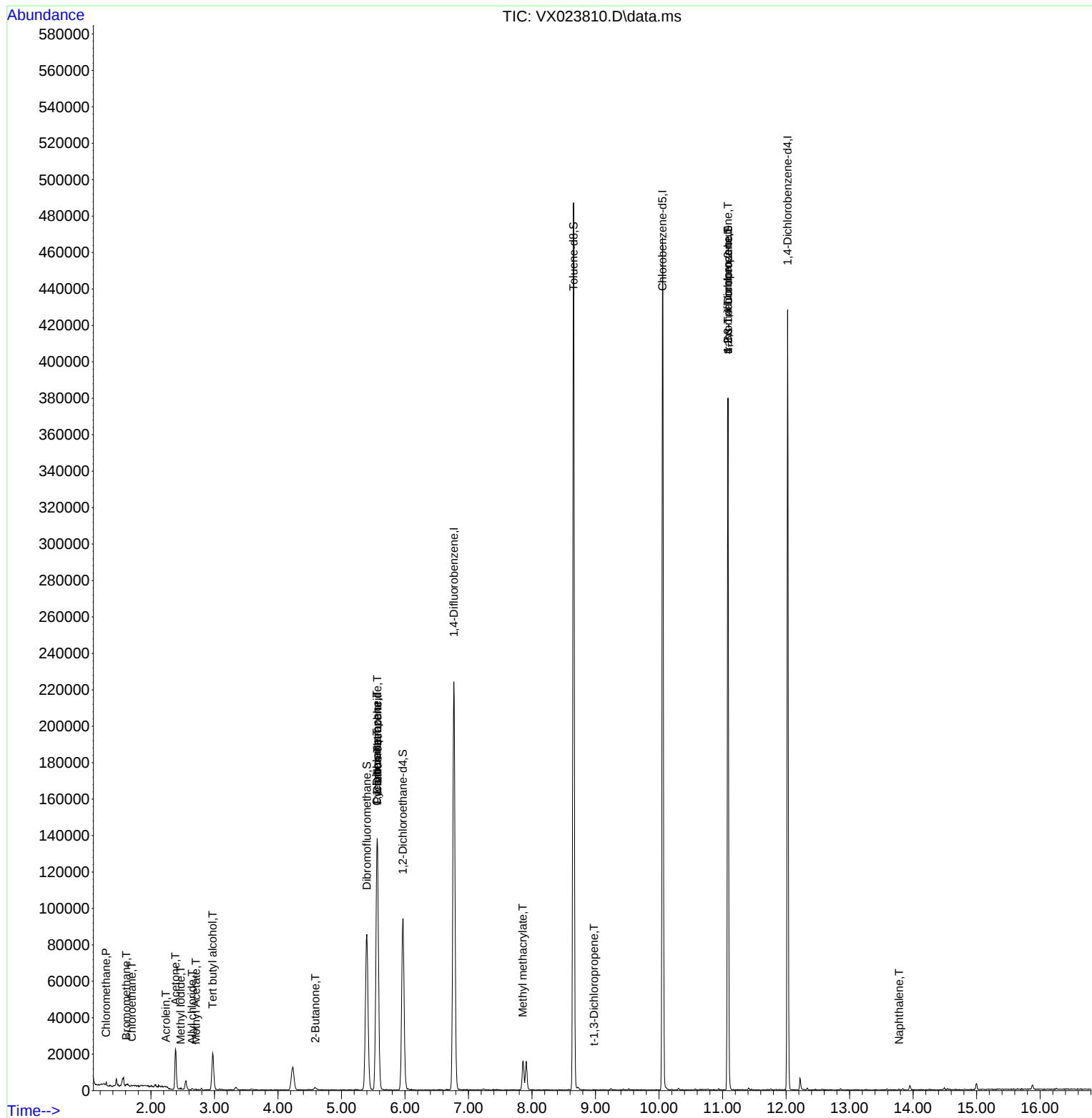
Internal Standards						
1) Pentafluorobenzene	5.568	168	130326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	224928	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	94042	51.702	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.400%			
35) Dibromofluoromethane	5.397	113	72500	48.699	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.400%			
50) Toluene-d8	8.653	98	277663	49.003	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.000%			
62) 4-Bromofluorobenzene	11.085	95	94278	45.198	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.400%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	1191	0.789	ug/l #	73
5) Bromomethane	1.611	94	576	0.622	ug/l	100
6) Chloroethane	1.697	64	83	2.282	ug/l #	43
10) Methyl Iodide	2.465	142	873	0.479	ug/l #	83
11) Tert butyl alcohol	2.971	59	20803	56.554	ug/l	97
13) Acrolein	2.233	56	96	0.439	ug/l #	14
14) Allyl chloride	2.648	41	646	0.280	ug/l #	54
16) Acetone	2.386	43	23444	28.826	ug/l	97
18) Methyl Acetate	2.709	43	444	0.219	ug/l #	47
25) 2-Butanone	4.587	43	1765	1.433	ug/l #	78
31) Cyclohexane	5.556	56	2869	1.228	ug/l #	53
36) 1,1-Dichloropropene	5.556	75	10482	5.032	ug/l #	50
38) Carbon Tetrachloride	5.562	117	13212	6.083	ug/l #	17
48) Methyl methacrylate	7.854	41	6786	3.473	ug/l #	35
53) t-1,3-Dichloropropene	8.976	75	25	2.146	ug/l #	44
76) 1,2,3-Trichloropropane	11.085	75	50691	26.105	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	50691	76.788	ug/l #	12
95) Naphthalene	13.780	128	375	1.342	ug/l #	75

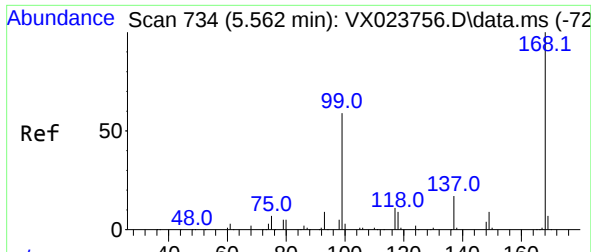
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 18 13:44:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
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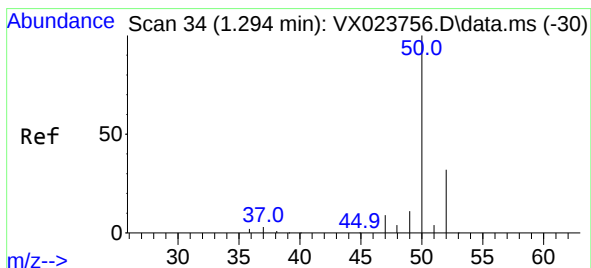
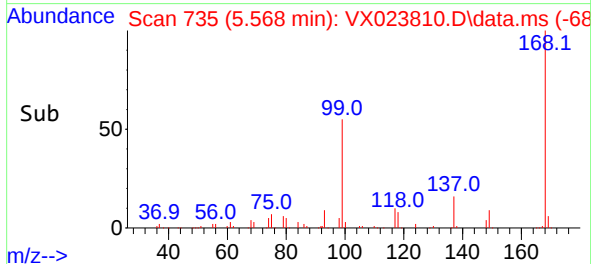
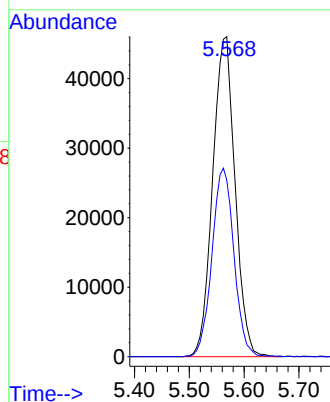
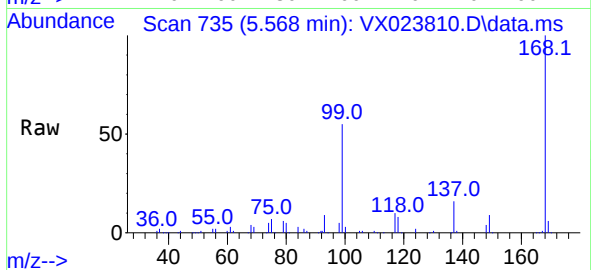




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX023810.D
Acq: 18 Aug 2021 12:41

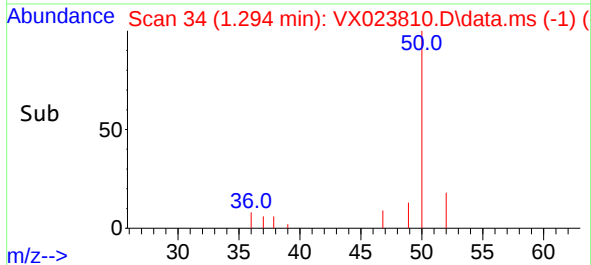
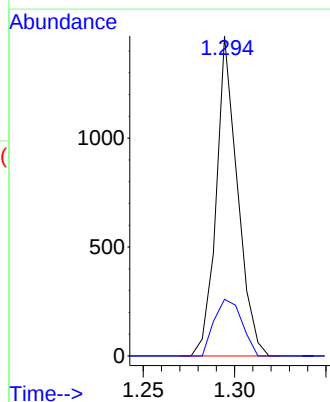
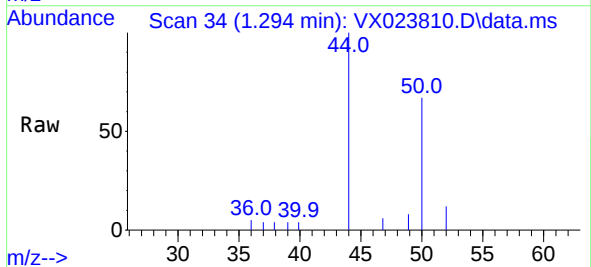
Instrument :
MSVOA_X
ClientSampleId :

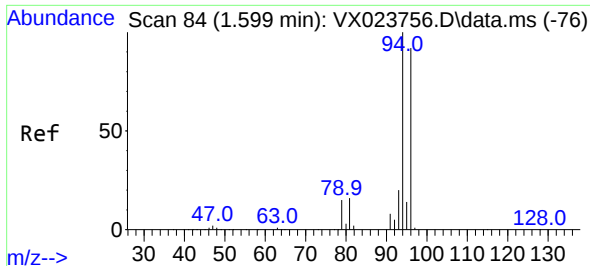
Tgt Ion:168 Resp: 130326
Ion Ratio Lower Upper
168 100
99 55.2 45.8 68.6



#3
Chloromethane
Concen: 0.789 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023810.D
Acq: 18 Aug 2021 12:41

Tgt Ion: 50 Resp: 1191
Ion Ratio Lower Upper
50 100
52 17.7 26.4 39.6#

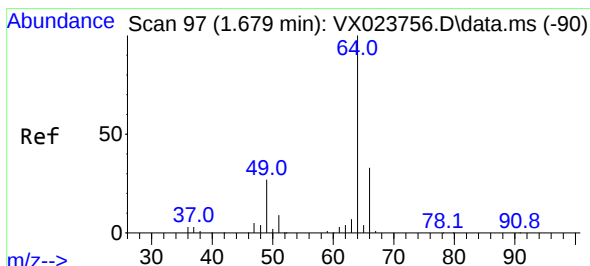
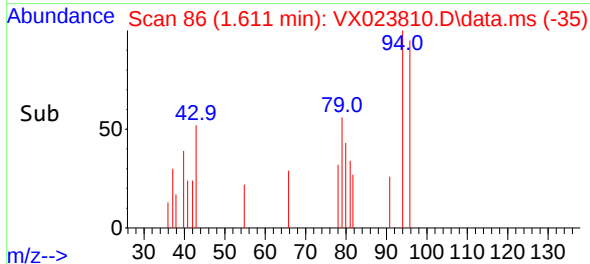
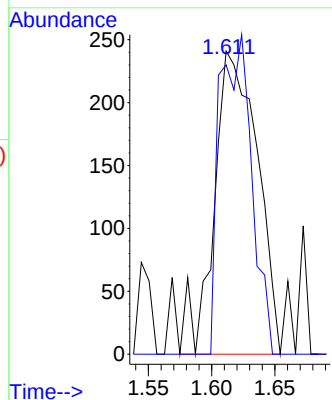
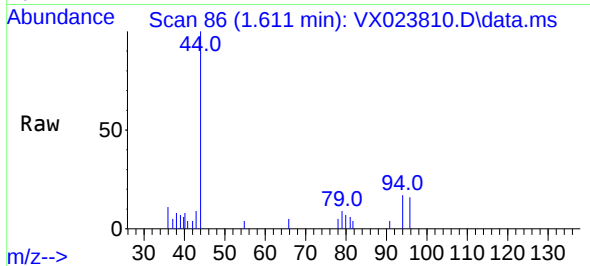




#5
Bromomethane
Concen: 0.622 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023810.D
Acq: 18 Aug 2021 12:41

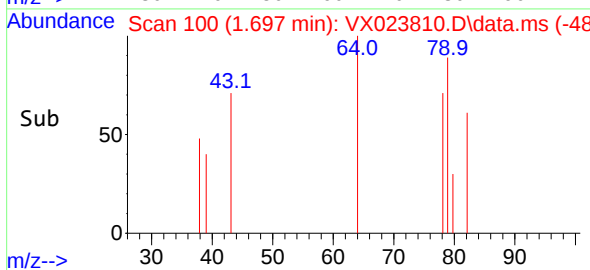
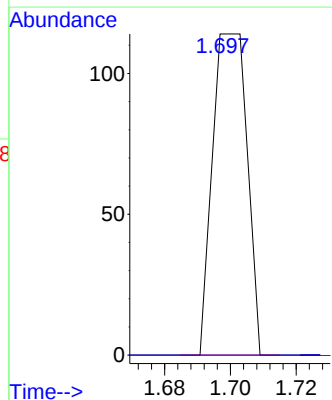
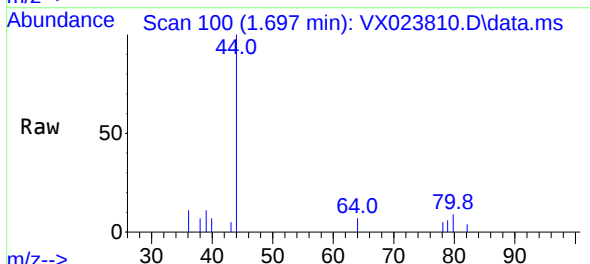
Instrument :
MSVOA_X
ClientSampled :

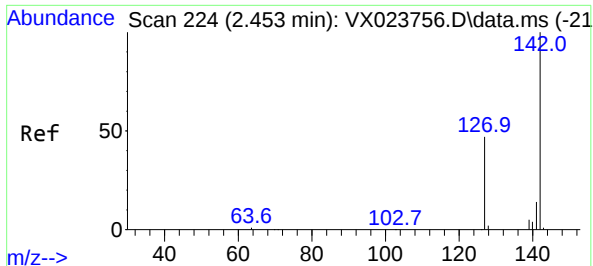
Tgt Ion: 94 Resp: 576
Ion Ratio Lower Upper
94 100
96 95.4 76.4 114.6



#6
Chloroethane
Concen: 2.282 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX023810.D
Acq: 18 Aug 2021 12:41

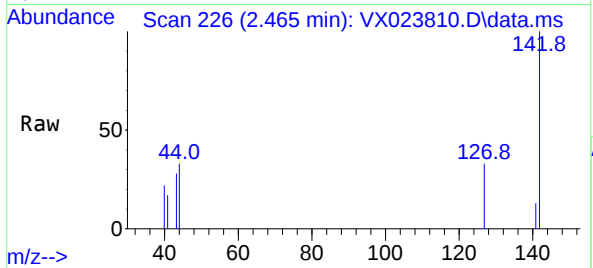
Tgt Ion: 64 Resp: 83
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



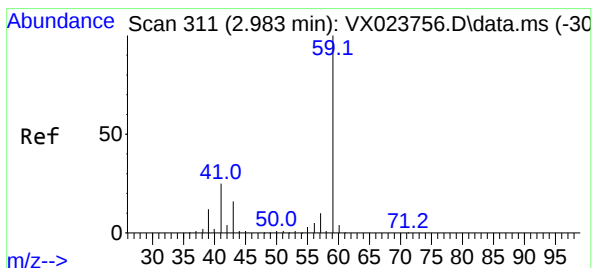
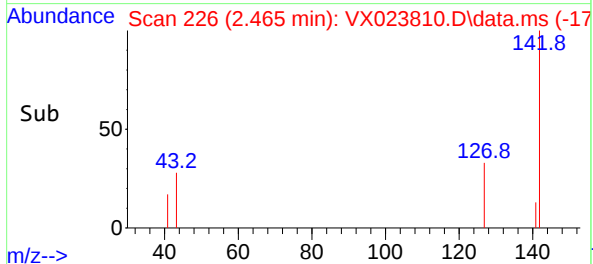
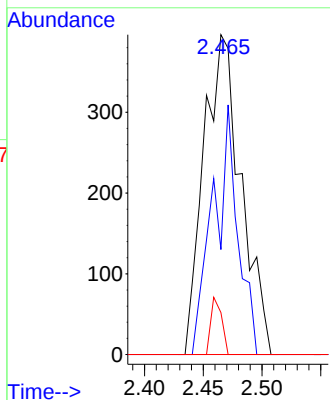


#10
Methyl Iodide
Concen: 0.479 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023810.D
Acq: 18 Aug 2021 12:41

Instrument :
MSVOA_X
ClientSampleId :

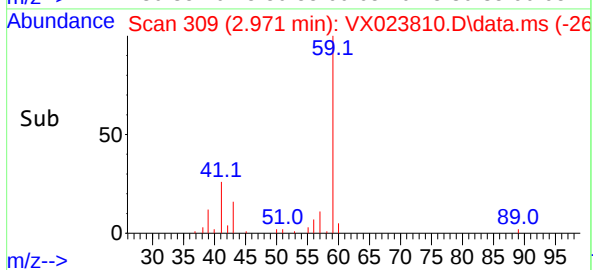
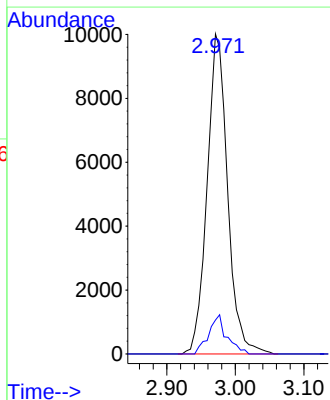
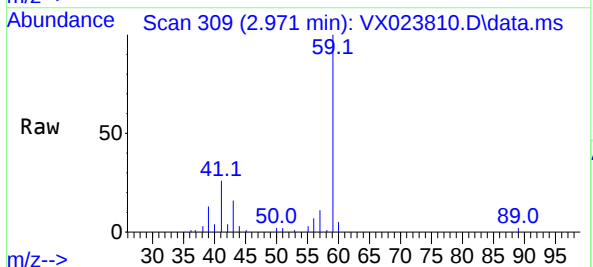


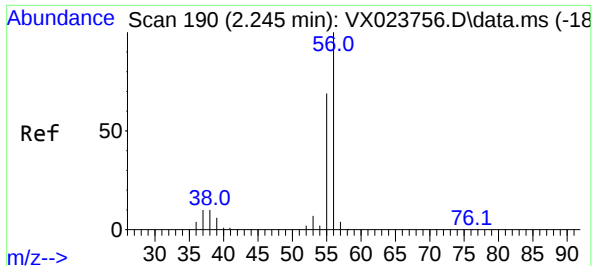
Tgt Ion:142 Resp: 873
Ion Ratio Lower Upper
142 100
127 51.3 33.3 49.9#
141 5.2 11.4 17.0#



#11
Tert butyl alcohol
Concen: 56.554 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023810.D
Acq: 18 Aug 2021 12:41

Tgt Ion: 59 Resp: 20803
Ion Ratio Lower Upper
59 100
57 10.8 7.8 11.8

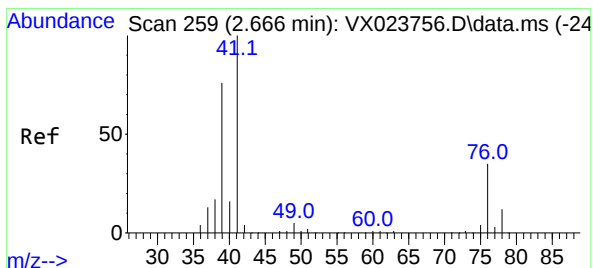
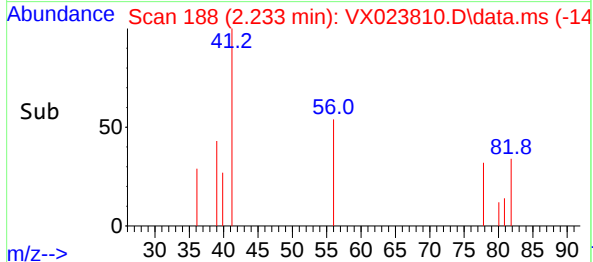
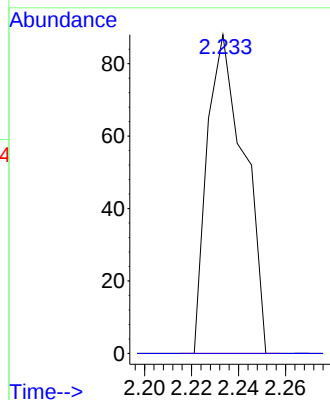
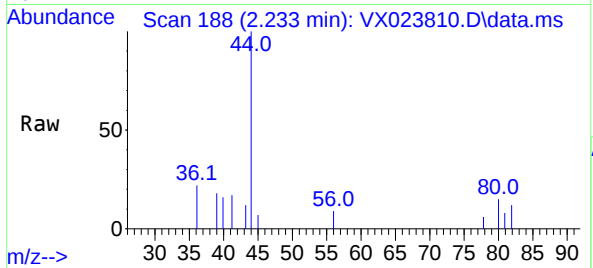




#13
Acrolein
Concen: 0.439 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.012 min
Lab File: VX023810.D
Acq: 18 Aug 2021 12:41

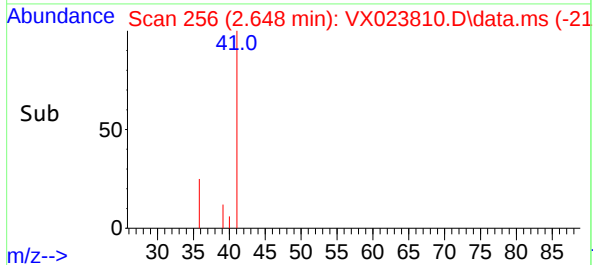
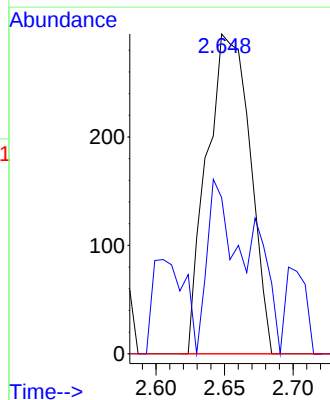
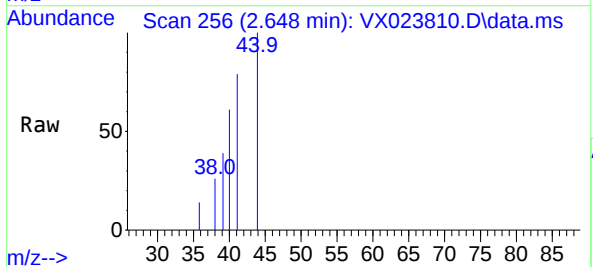
Instrument :
MSVOA_X
ClientSampled :

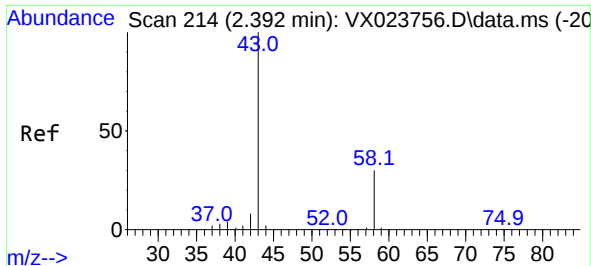
Tgt Ion: 56 Resp: 96
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#14
Allyl chloride
Concen: 0.280 ug/l
RT: 2.648 min Scan# 256
Delta R.T. -0.018 min
Lab File: VX023810.D
Acq: 18 Aug 2021 12:41

Tgt Ion: 41 Resp: 646
Ion Ratio Lower Upper
41 100
39 36.1 51.6 77.4#
76 0.0 30.5 45.7#

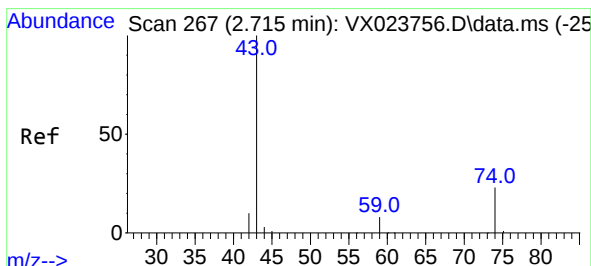
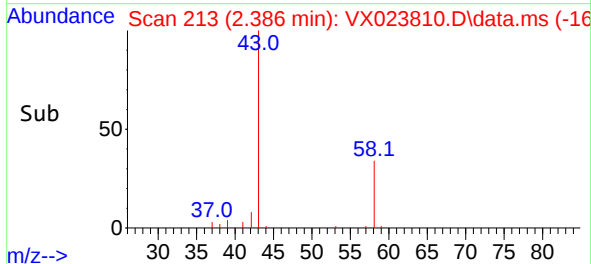
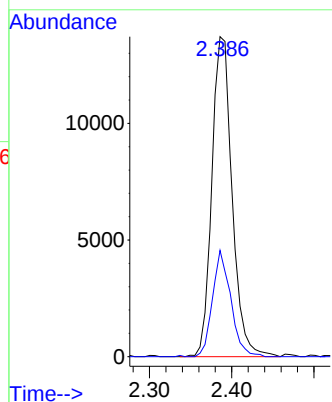
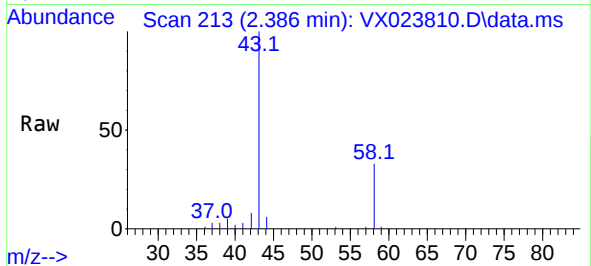




#16
Acetone
Concen: 28.826 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023810.D
Acq: 18 Aug 2021 12:41

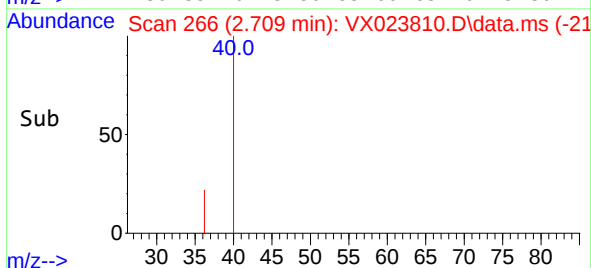
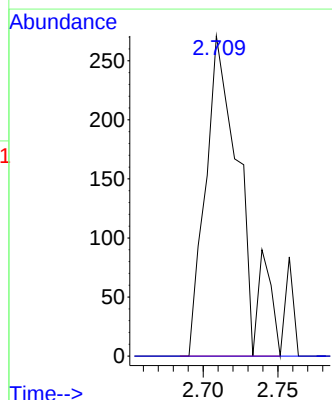
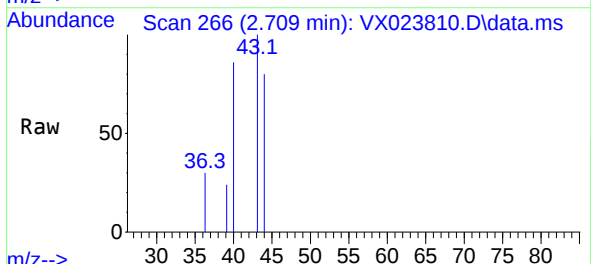
Instrument :
MSVOA_X
ClientSampled :

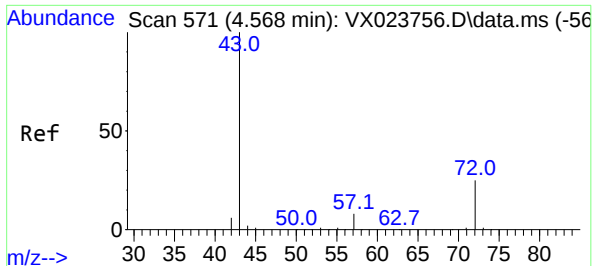
Tgt Ion: 43 Resp: 23444
Ion Ratio Lower Upper
43 100
58 33.2 27.8 41.8



#18
Methyl Acetate
Concen: 0.219 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX023810.D
Acq: 18 Aug 2021 12:41

Tgt Ion: 43 Resp: 444
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

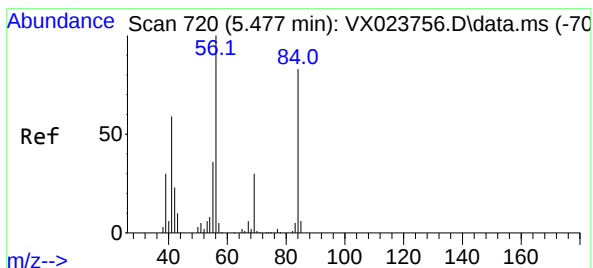
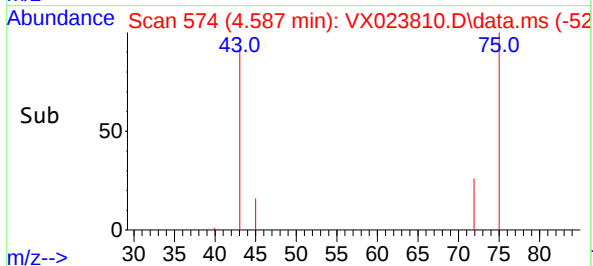
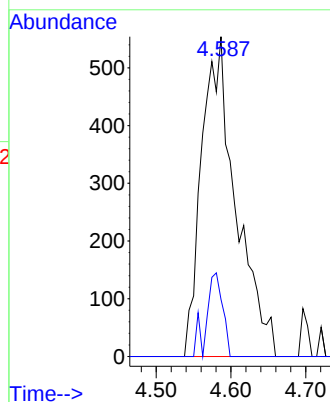
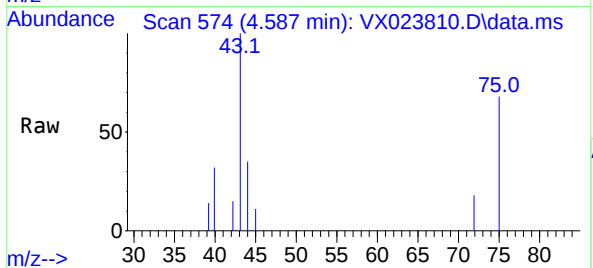




#25
2-Butanone
Concen: 1.433 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX023810.D
Acq: 18 Aug 2021 12:41

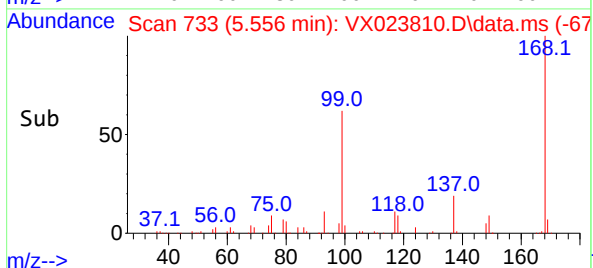
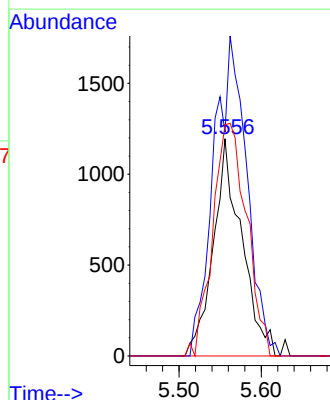
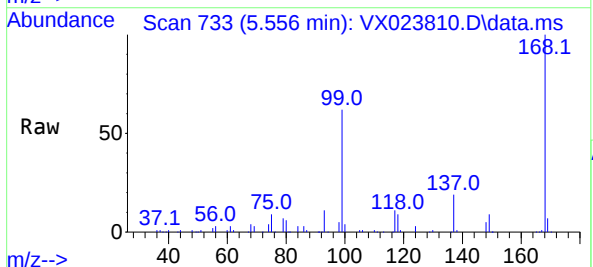
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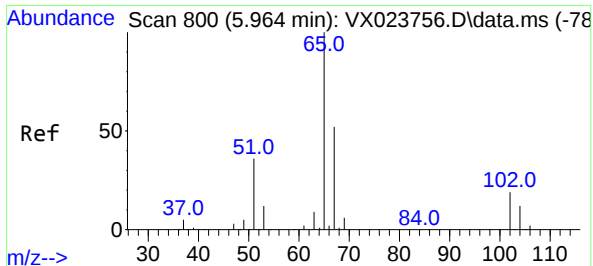
Tgt Ion: 43 Resp: 1765
Ion Ratio Lower Upper
43 100
72 17.9 23.7 35.5#



#31
Cyclohexane
Concen: 1.228 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023810.D
Acq: 18 Aug 2021 12:41

Tgt Ion: 56 Resp: 2869
Ion Ratio Lower Upper
56 100
69 102.9 25.3 37.9#
84 106.4 71.4 107.0



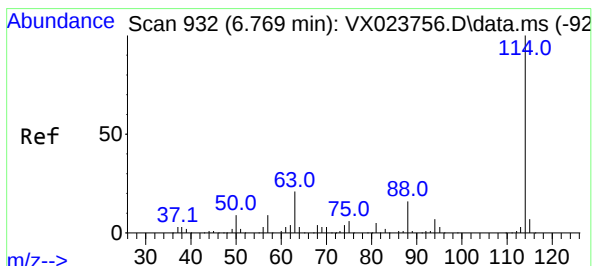
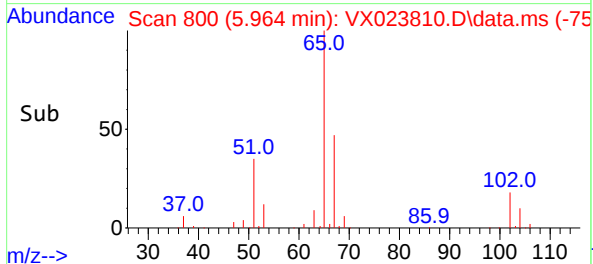
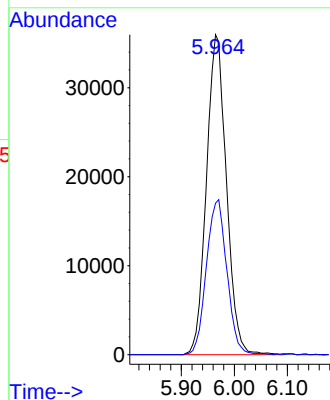
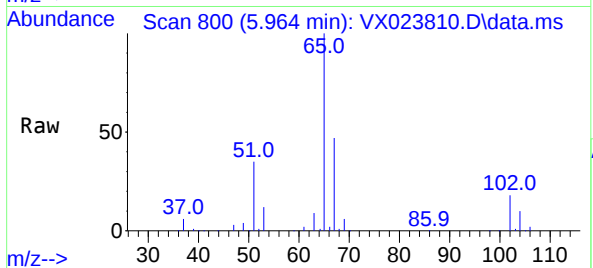


#33

1,2-Dichloroethane-d4
Concen: 51.702 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023810.D
Acq: 18 Aug 2021 12:41

Instrument :
MSVOA_X
ClientSampled :

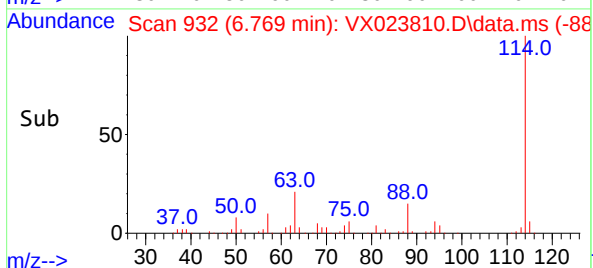
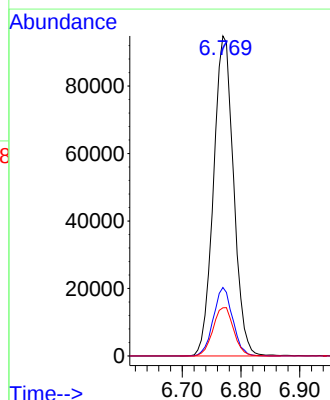
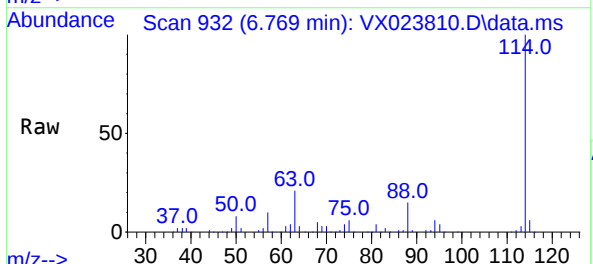
Tgt Ion: 65 Resp: 94042
Ion Ratio Lower Upper
65 100
67 49.7 0.0 105.4

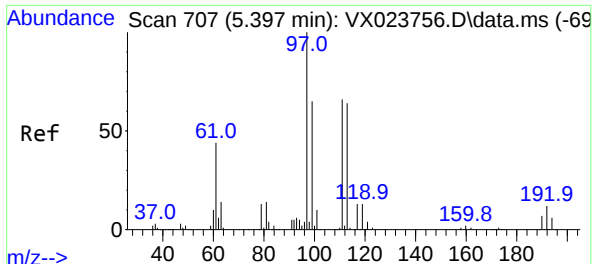


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023810.D
Acq: 18 Aug 2021 12:41

Tgt Ion: 114 Resp: 224928
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 15.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.699 ug/l

RT: 5.397 min Scan# 707

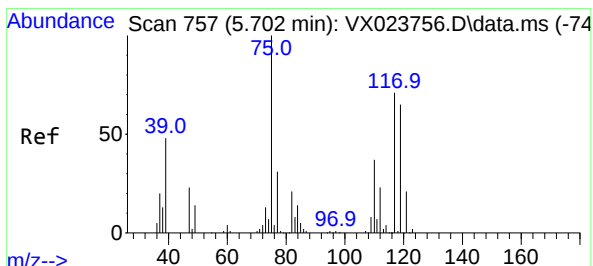
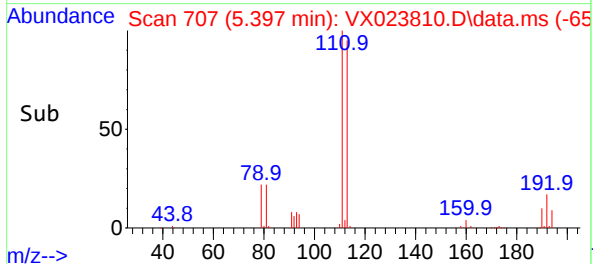
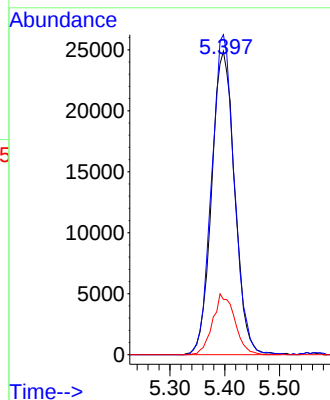
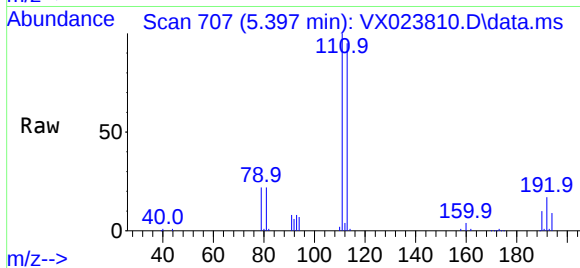
Delta R.T. 0.000 min

Lab File: VX023810.D

Acq: 18 Aug 2021 12:41

Tgt Ion:	113	Resp:	72500
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.9	122.9
192	19.2	16.7	25.1

Instrument :
MSVOA_X
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 5.032 ug/l

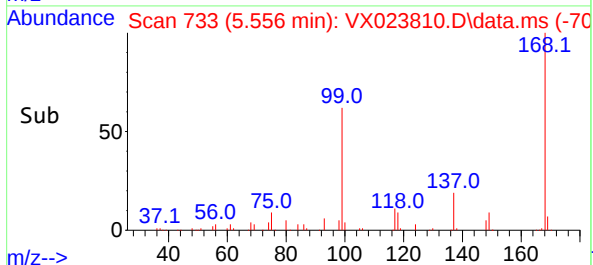
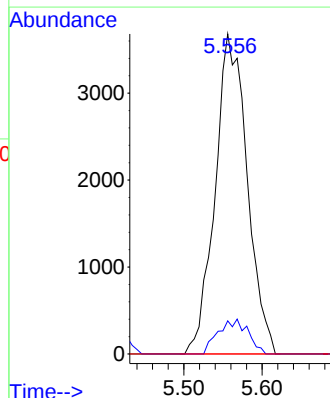
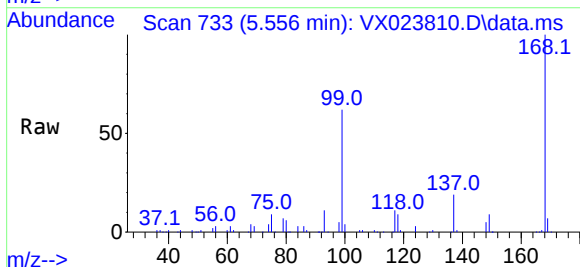
RT: 5.556 min Scan# 733

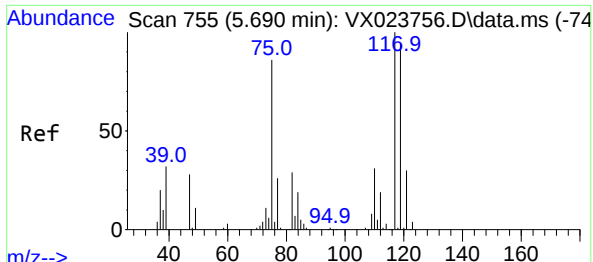
Delta R.T. -0.146 min

Lab File: VX023810.D

Acq: 18 Aug 2021 12:41

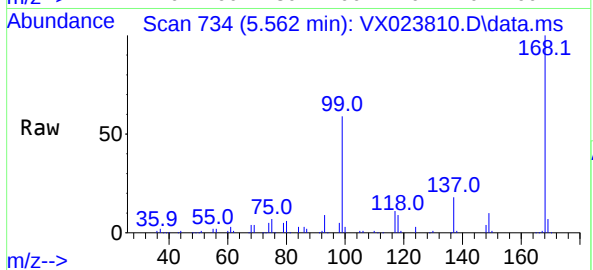
Tgt Ion:	75	Resp:	10482
Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.4#
77	0.0	25.3	37.9#



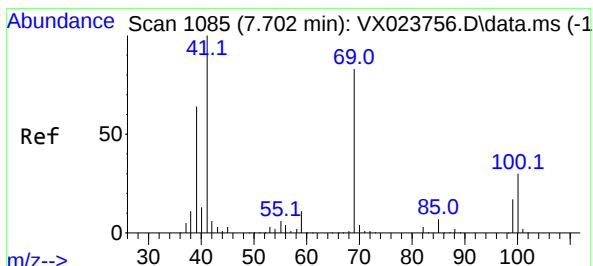
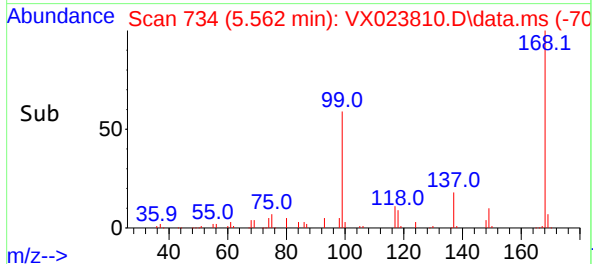
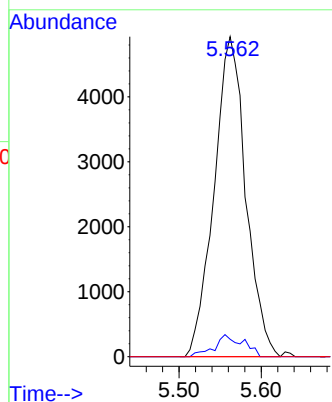


#38
Carbon Tetrachloride
Concen: 6.083 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023810.D
Acq: 18 Aug 2021 12:41

Instrument :
MSVOA_X
ClientSampleId :

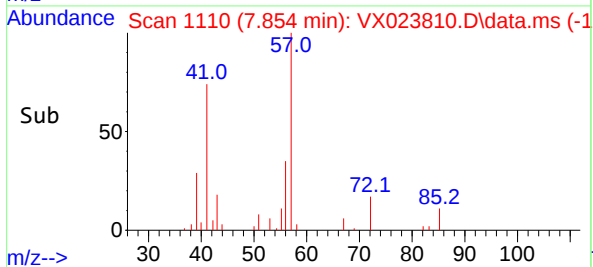
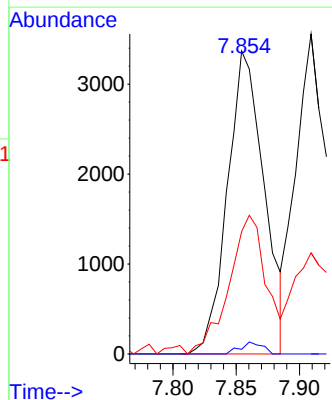
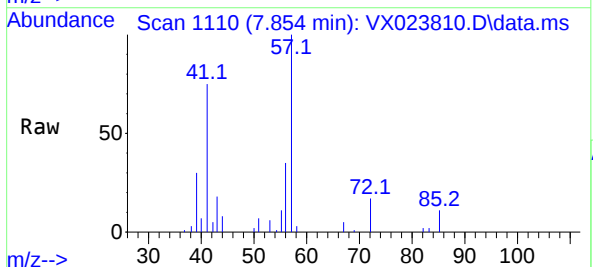


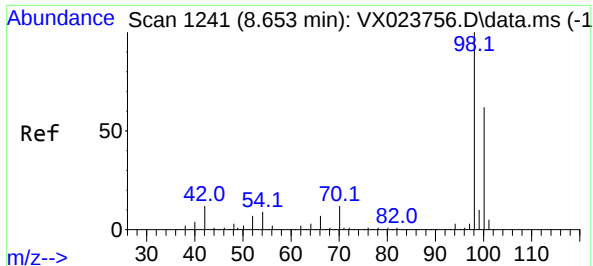
Tgt Ion:117 Resp: 13212
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#



#48
Methyl methacrylate
Concen: 3.473 ug/l
RT: 7.854 min Scan# 1110
Delta R.T. 0.152 min
Lab File: VX023810.D
Acq: 18 Aug 2021 12:41

Tgt Ion: 41 Resp: 6786
Ion Ratio Lower Upper
41 100
69 2.3 76.0 114.0#
39 46.4 44.6 67.0

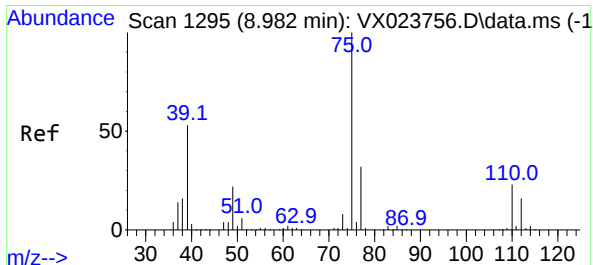
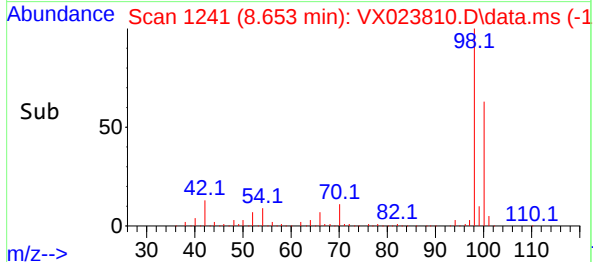
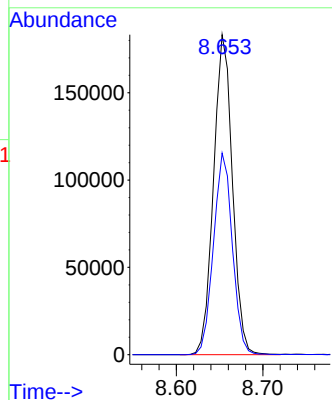
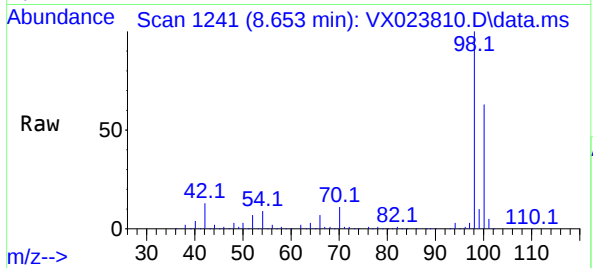




#50
Toluene-d8
Concen: 49.003 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023810.D
Acq: 18 Aug 2021 12:41

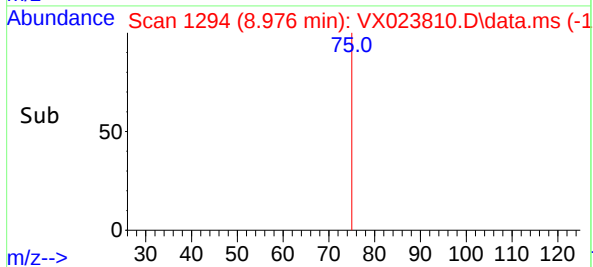
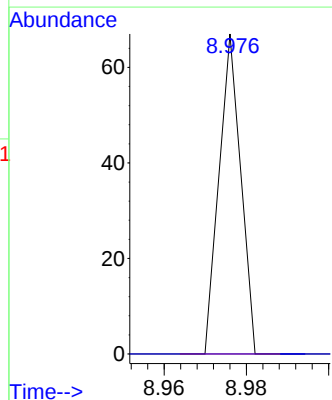
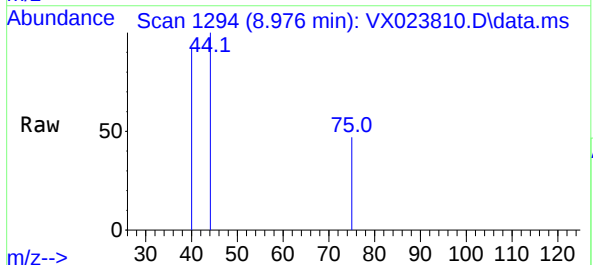
Instrument :
MSVOA_X
ClientSampled :

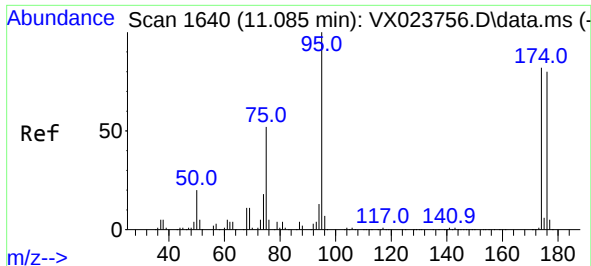
Tgt Ion: 98 Resp: 277663
Ion Ratio Lower Upper
98 100
100 63.0 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.146 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX023810.D
Acq: 18 Aug 2021 12:41

Tgt Ion: 75 Resp: 25
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

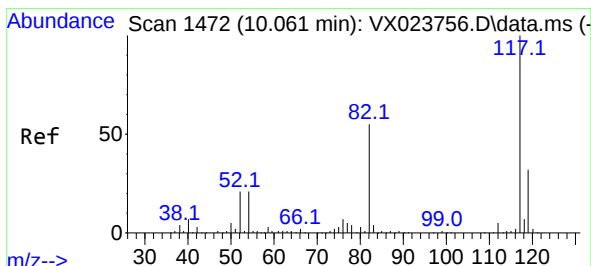
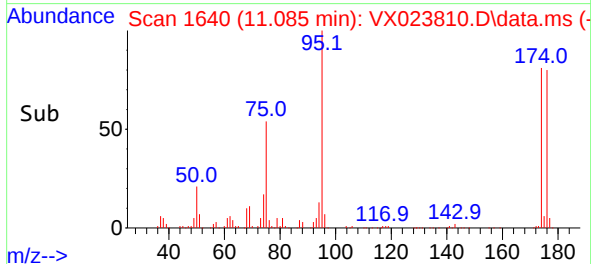
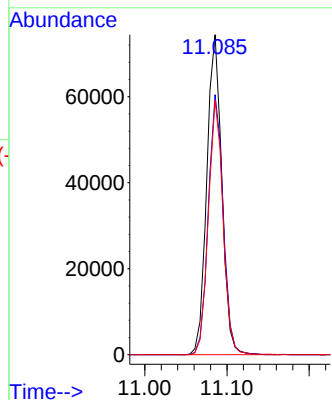
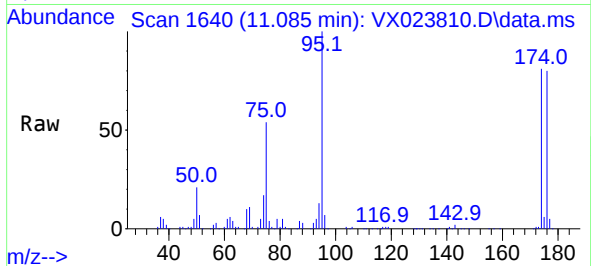




#62
4-Bromofluorobenzene
Concen: 45.198 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023810.D
Acq: 18 Aug 2021 12:41

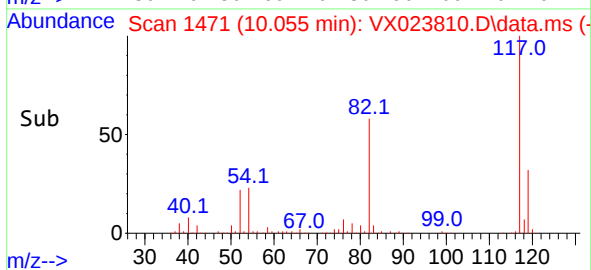
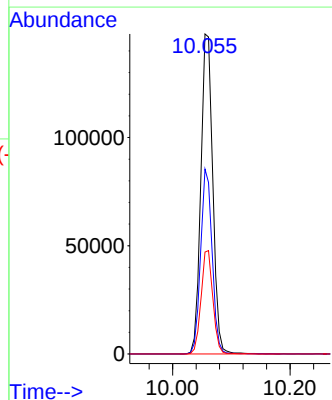
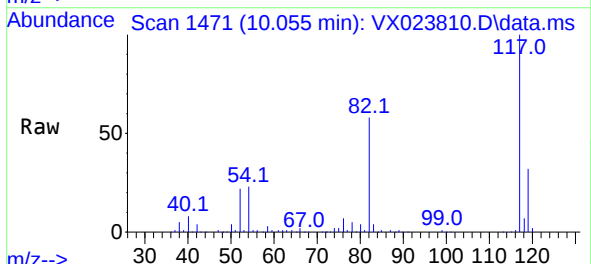
Instrument :
MSVOA_X
ClientSampleId :

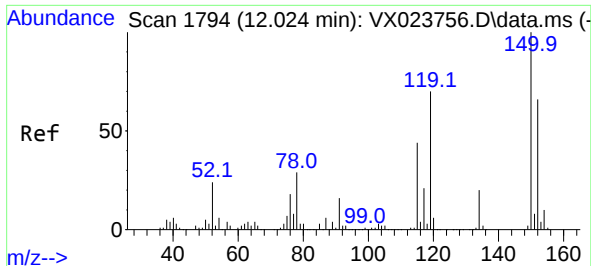
Tgt Ion: 95 Resp: 94278
Ion Ratio Lower Upper
95 100
174 80.8 0.0 154.6
176 77.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023810.D
Acq: 18 Aug 2021 12:41

Tgt Ion: 117 Resp: 208736
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 31.9 26.6 39.8

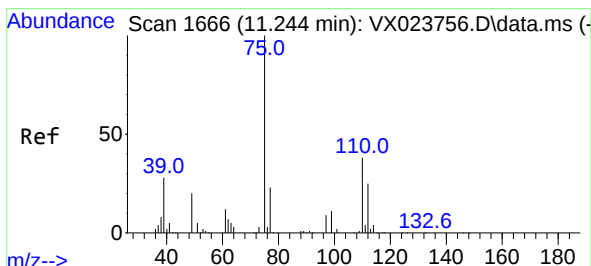
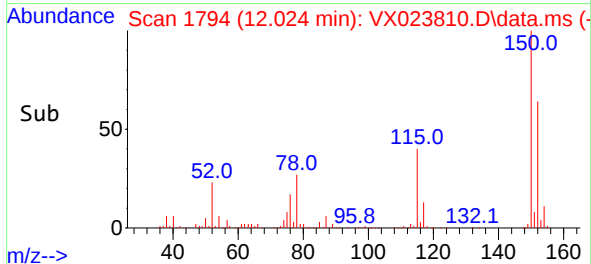
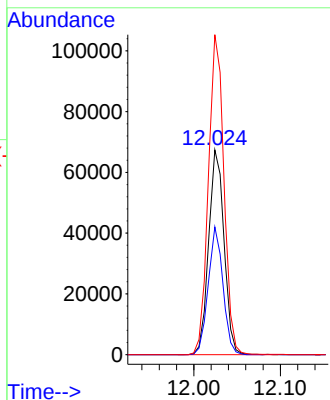
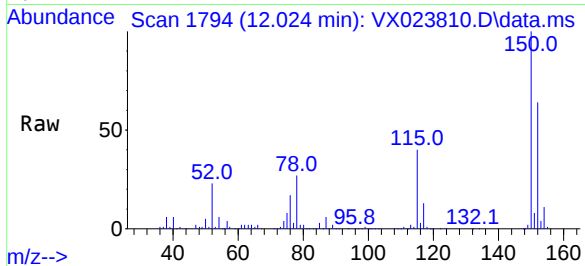




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023810.D
 Acq: 18 Aug 2021 12:41

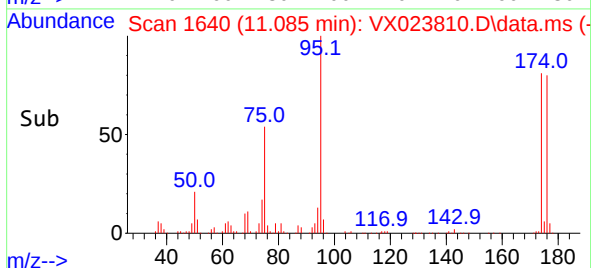
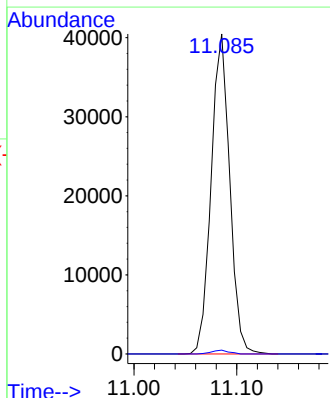
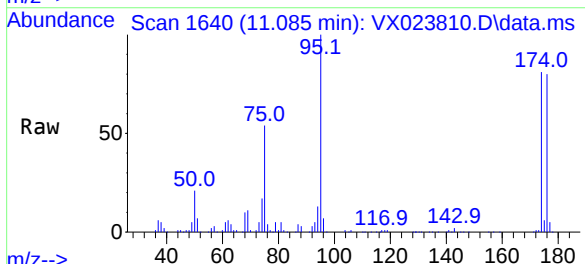
Instrument :
 MSVOA_X
 ClientSampled :

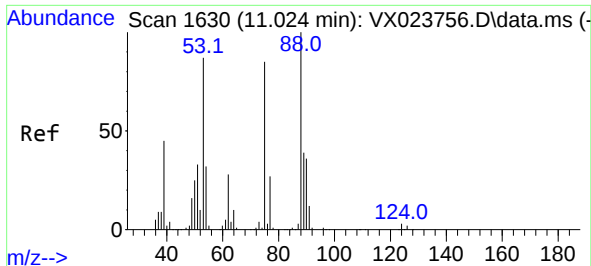
Tgt Ion:152 Resp: 83243
 Ion Ratio Lower Upper
 152 100
 115 59.6 41.1 123.3
 150 157.5 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.105 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023810.D
 Acq: 18 Aug 2021 12:41

Tgt Ion: 75 Resp: 50691
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

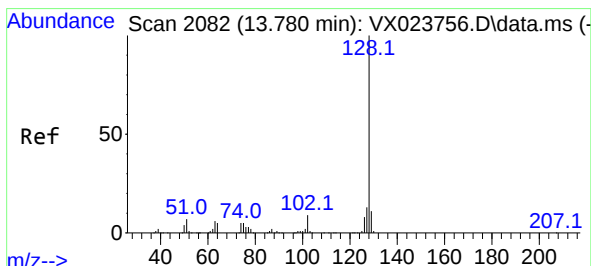
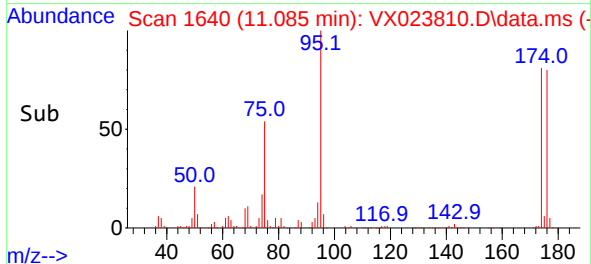
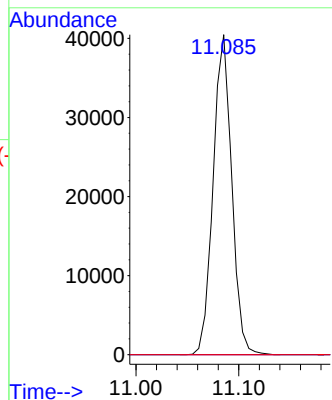
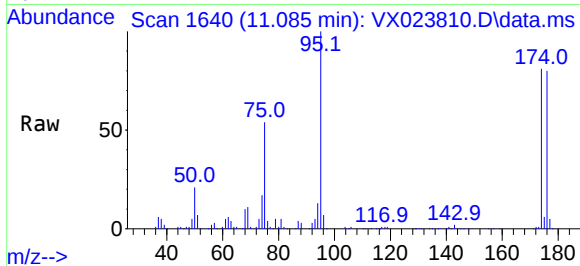




#81
trans-1,4-Dichloro-2-butene
Concen: 76.788 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023810.D
Acq: 18 Aug 2021 12:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 50691
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.342 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023810.D
Acq: 18 Aug 2021 12:41

Tgt Ion: 128 Resp: 375
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 5.1 8.8 13.2#

