

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022723\
 Data File : VX034273.D
 Acq On : 27 Feb 2023 11:52
 Operator : JC/MD
 Sample : VX0227WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBL01

Quant Time: Feb 28 04:07:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

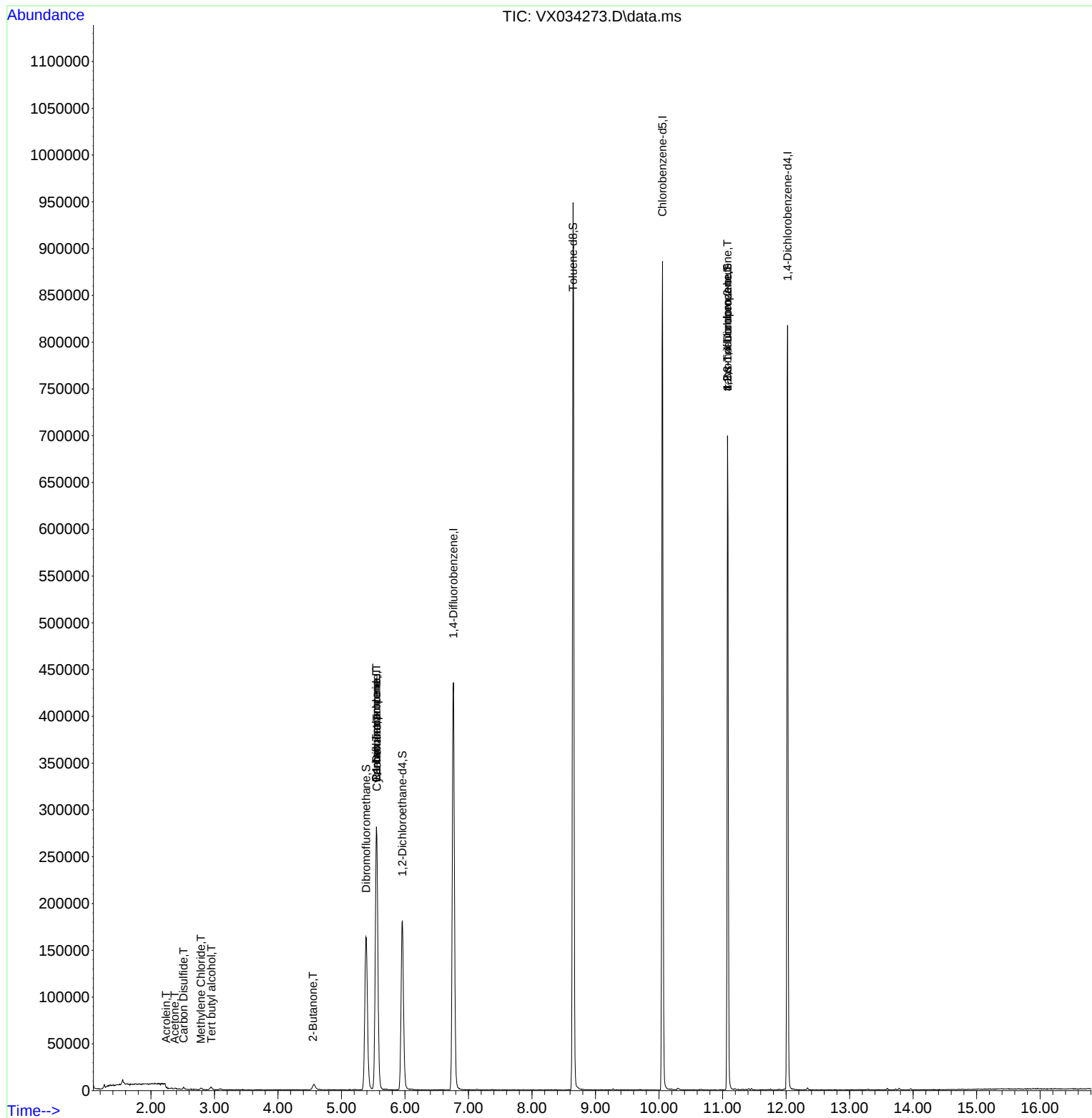
Internal Standards						
1) Pentafluorobenzene	5.550	168	281789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	463400	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	406175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166290	43.818	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.640%		
35) Dibromofluoromethane	5.385	113	143492	47.558	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.120%		
50) Toluene-d8	8.647	98	555748	51.303	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.600%		
62) 4-Bromofluorobenzene	11.079	95	184740	44.585	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.160%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	341	Below Cal	#	66
11) Tert butyl alcohol	2.953	59	1750	2.062	ug/l #	86
13) Acrolein	2.239	56	280	0.723	ug/l #	1
16) Acetone	2.373	43	964	0.492	ug/l	95
17) Carbon Disulfide	2.514	76	2370	0.270	ug/l #	84
20) Methylene Chloride	2.788	84	789	0.224	ug/l #	92
25) 2-Butanone	4.550	43	662	0.234	ug/l #	51
31) Cyclohexane	5.556	56	6378	1.126	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	20380	4.567	ug/l #	49
38) Carbon Tetrachloride	5.550	117	26828	5.843	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	91893	20.870	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	91893	53.613	ug/l #	8

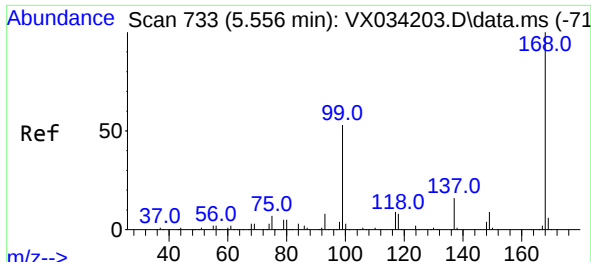
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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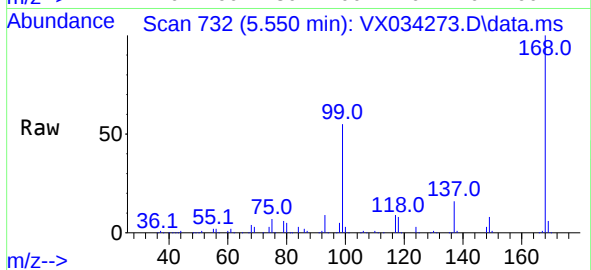
Quant Time: Feb 28 04:07:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration



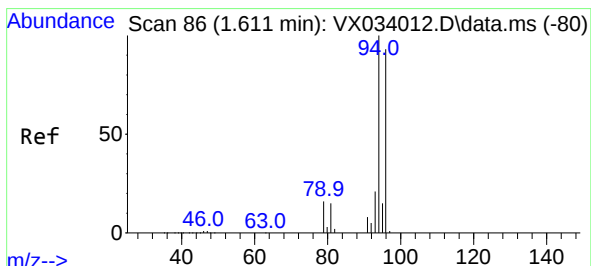
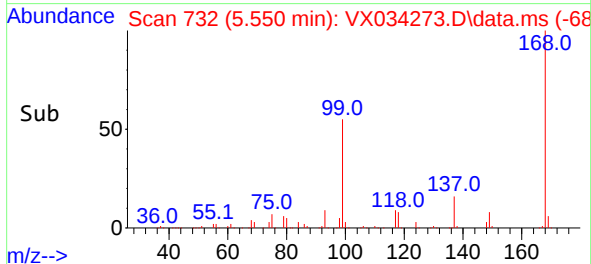
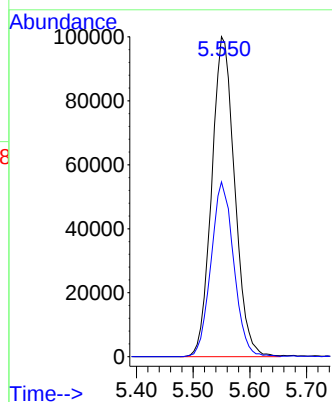


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034273.D
Acq: 27 Feb 2023 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBL01

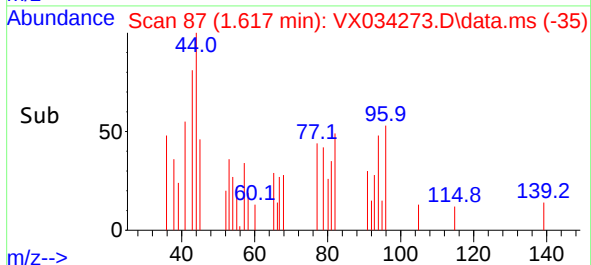
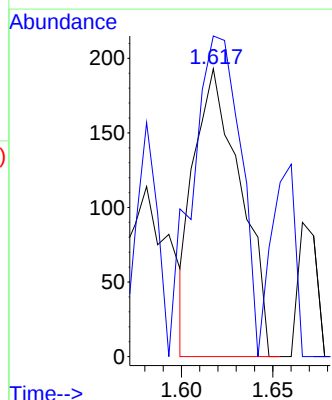
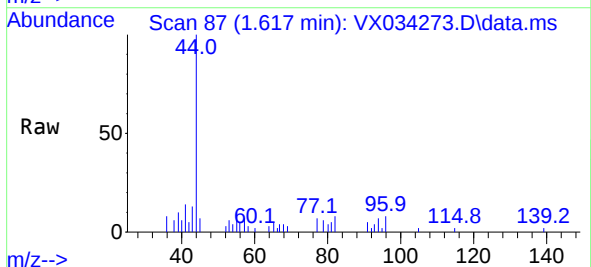


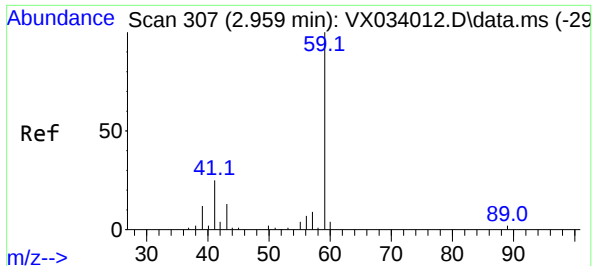
Tgt Ion:168 Resp: 281789
Ion Ratio Lower Upper
168 100
99 54.6 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX034273.D
Acq: 27 Feb 2023 11:52

Tgt Ion: 94 Resp: 341
Ion Ratio Lower Upper
94 100
96 60.1 74.3 111.5#

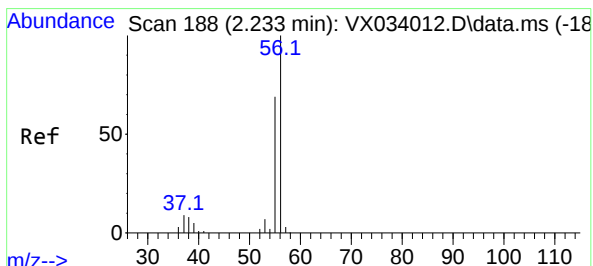
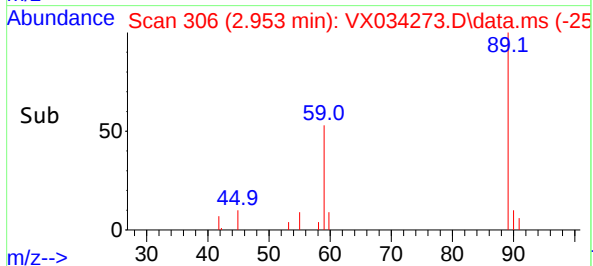
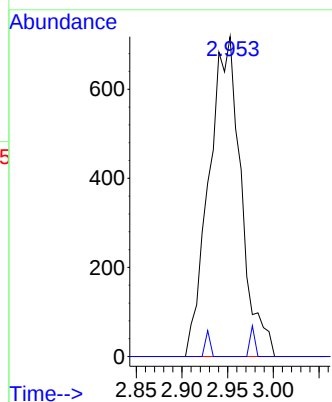
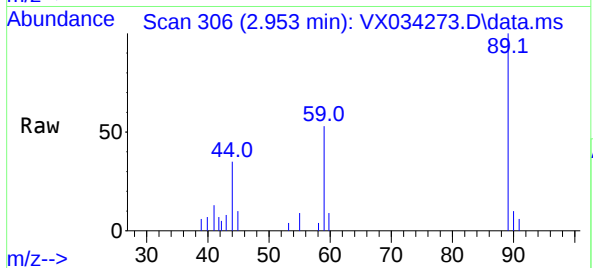




#11
Tert butyl alcohol
Concen: 2.062 ug/l
RT: 2.953 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX034273.D
Acq: 27 Feb 2023 11:52

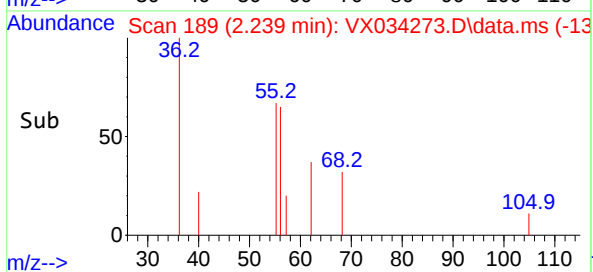
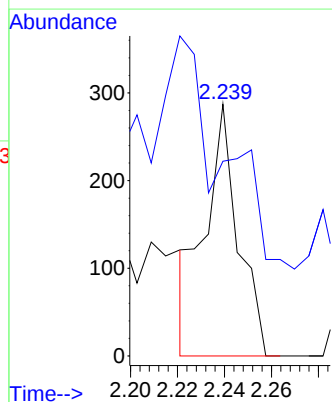
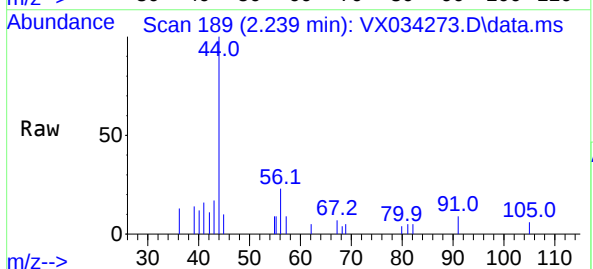
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBL01

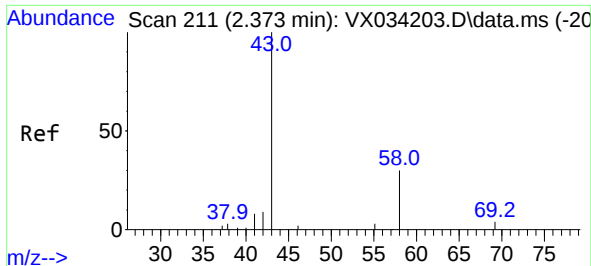
Tgt Ion: 59 Resp: 1750
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#



#13
Acrolein
Concen: 0.723 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX034273.D
Acq: 27 Feb 2023 11:52

Tgt Ion: 56 Resp: 280
Ion Ratio Lower Upper
56 100
55 162.5 56.3 84.5#

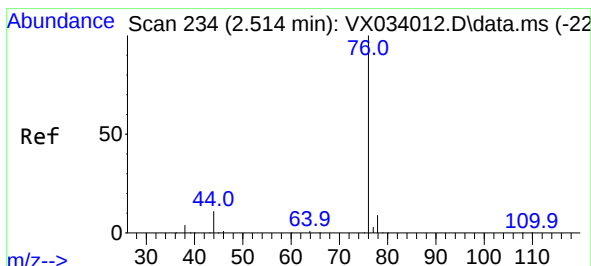
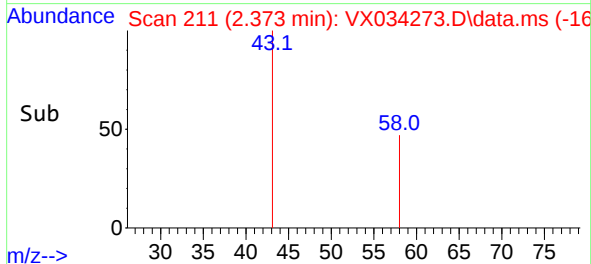
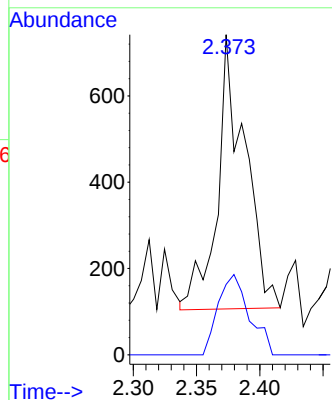
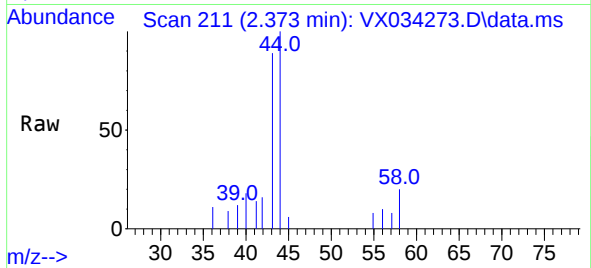




#16
Acetone
Concen: 0.492 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034273.D
Acq: 27 Feb 2023 11:52

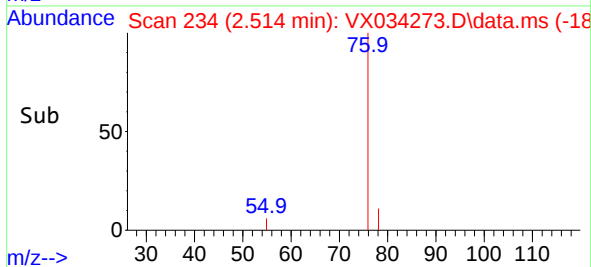
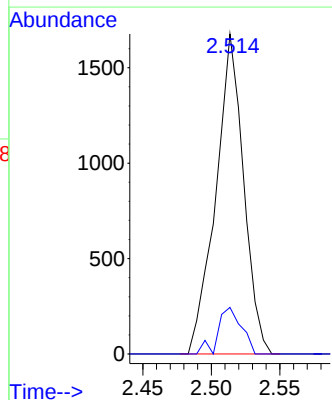
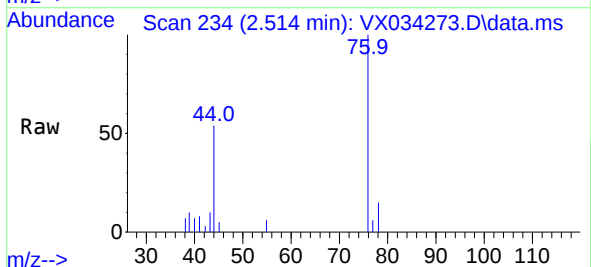
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBL01

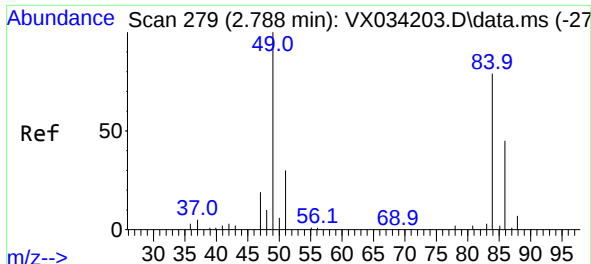
Tgt Ion: 43 Resp: 964
Ion Ratio Lower Upper
43 100
58 25.8 22.6 33.8



#17
Carbon Disulfide
Concen: 0.270 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX034273.D
Acq: 27 Feb 2023 11:52

Tgt Ion: 76 Resp: 2370
Ion Ratio Lower Upper
76 100
78 14.5 7.0 10.6#



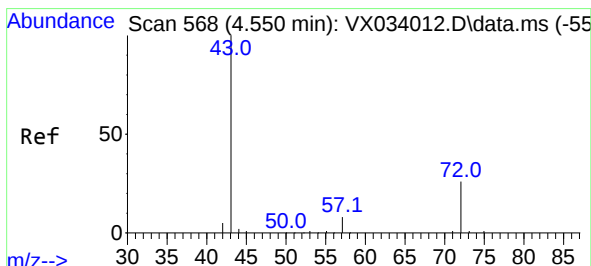
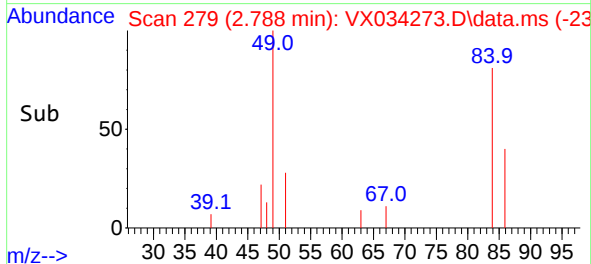
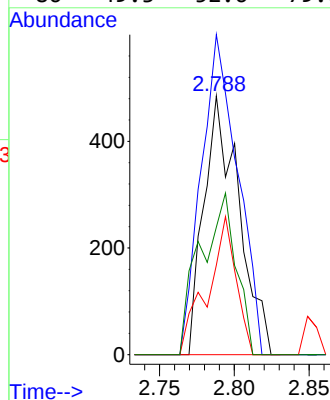
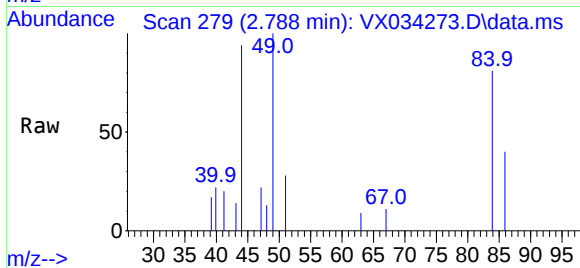


#20
Methylene Chloride
Concen: 0.224 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034273.D
Acq: 27 Feb 2023 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBL01

Tgt Ion: 84 Resp: 789

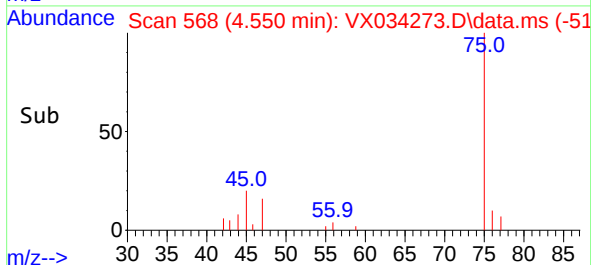
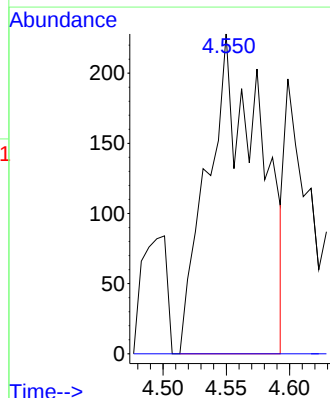
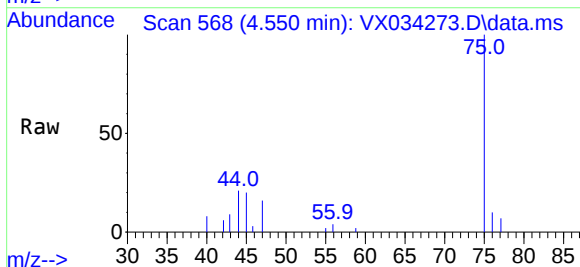
Ion	Ratio	Lower	Upper
84	100		
49	123.7	101.1	151.7
51	34.6	31.0	46.6
86	49.3	52.6	79.0

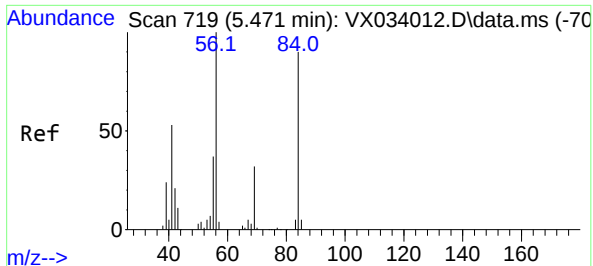


#25
2-Butanone
Concen: 0.234 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX034273.D
Acq: 27 Feb 2023 11:52

Tgt Ion: 43 Resp: 662

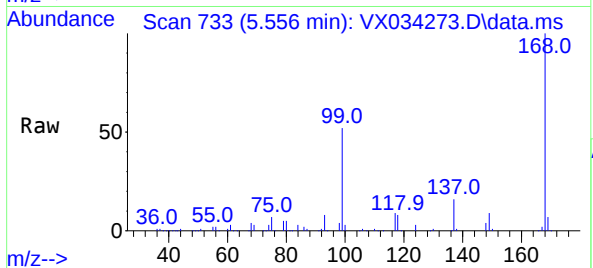
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2



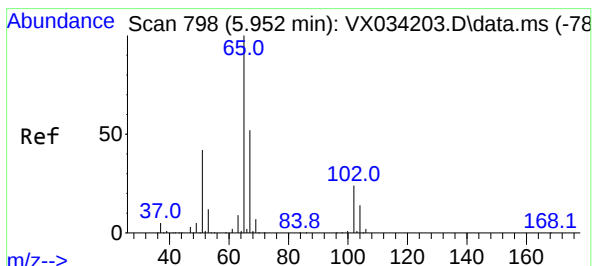
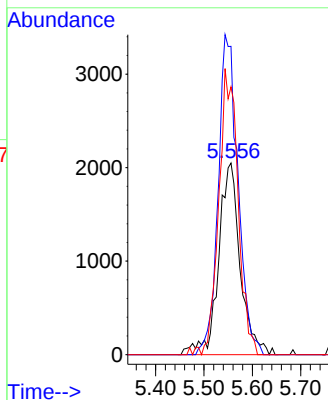
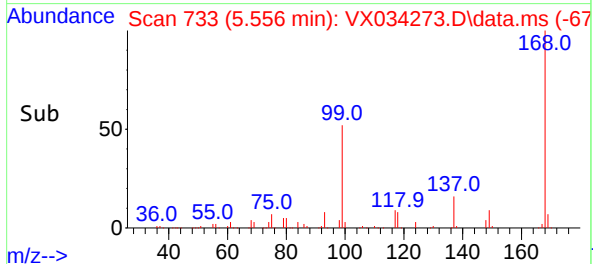


#31
Cyclohexane
Concen: 1.126 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX034273.D
Acq: 27 Feb 2023 11:52

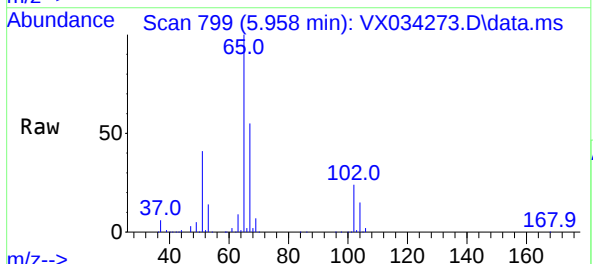
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBL01



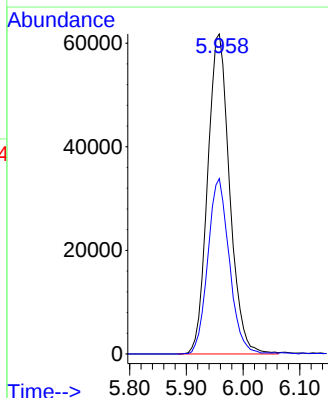
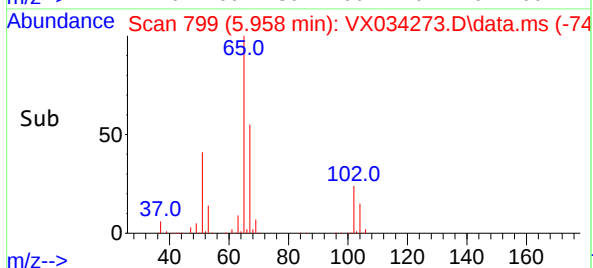
Tgt Ion: 56 Resp: 6378
Ion Ratio Lower Upper
56 100
69 160.8 24.6 37.0#
84 139.8 71.0 106.6#

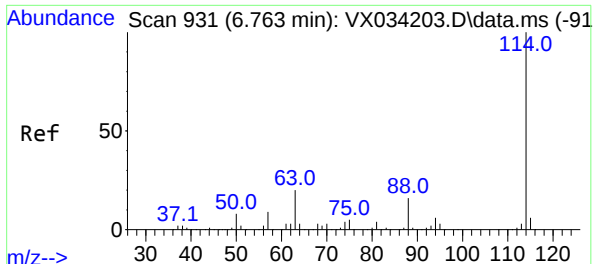


#33
1,2-Dichloroethane-d4
Concen: 43.818 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX034273.D
Acq: 27 Feb 2023 11:52



Tgt Ion: 65 Resp: 166290
Ion Ratio Lower Upper
65 100
67 53.5 0.0 104.8

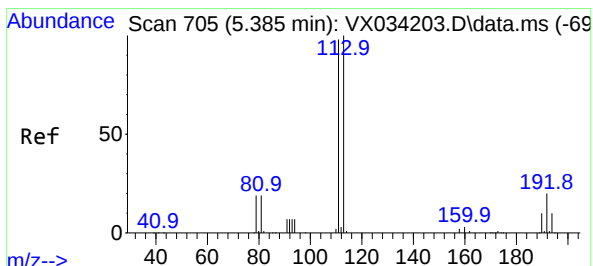
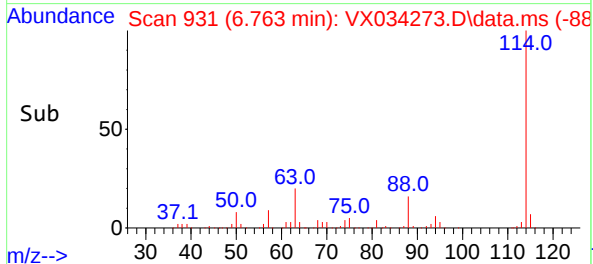
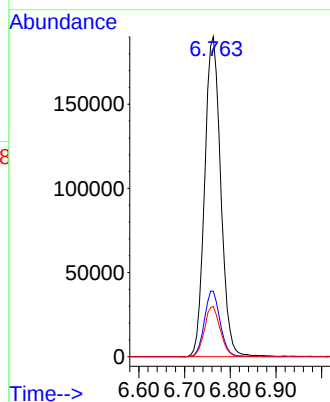
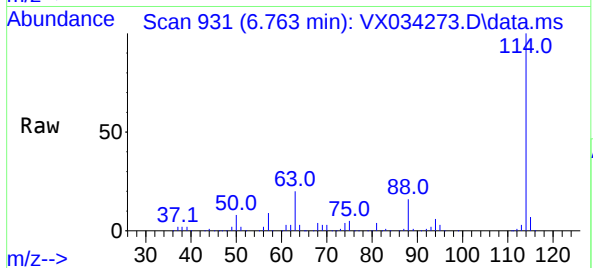




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034273.D
Acq: 27 Feb 2023 11:52

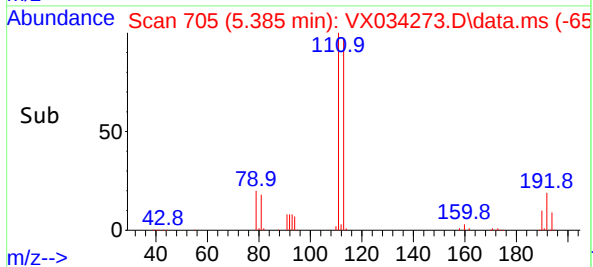
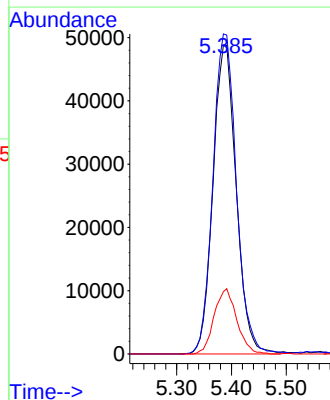
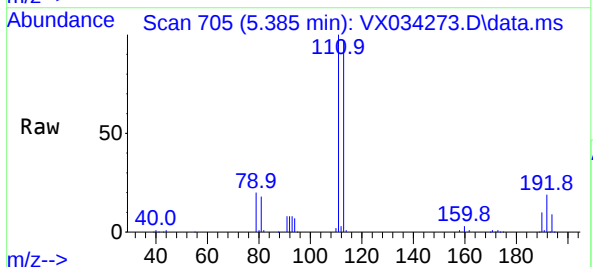
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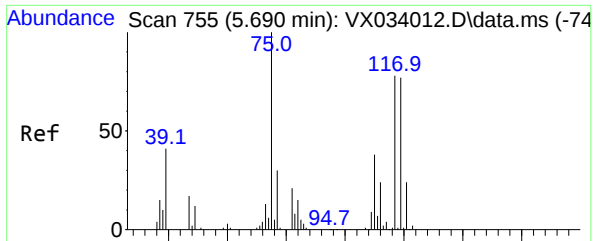
Tgt Ion:114 Resp: 463400
Ion Ratio Lower Upper
114 100
63 20.4 0.0 37.4
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.558 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034273.D
Acq: 27 Feb 2023 11:52

Tgt Ion:113 Resp: 143492
Ion Ratio Lower Upper
113 100
111 104.8 83.0 124.6
192 20.6 19.0 28.4

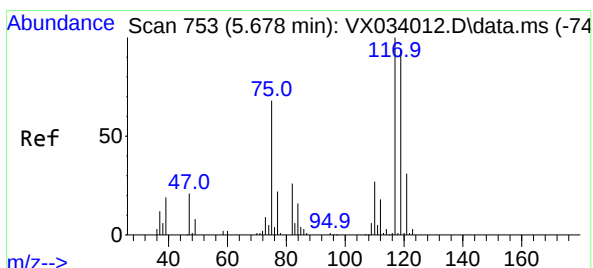
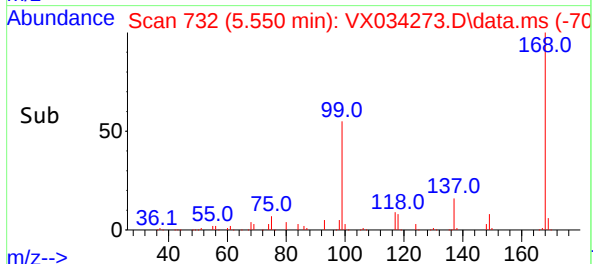
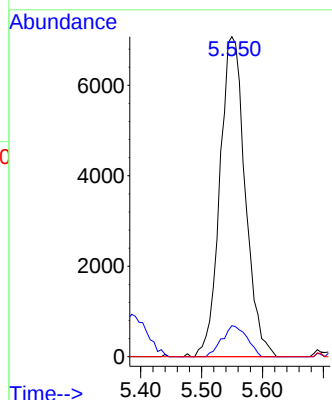
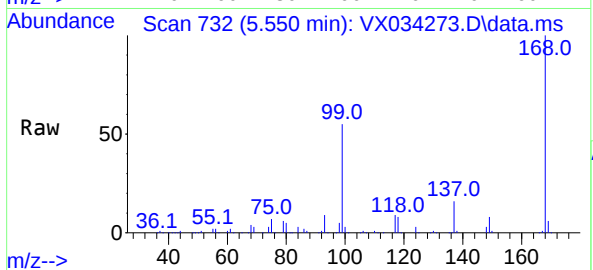




#36
1,1-Dichloropropene
Concen: 4.567 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX034273.D
Acq: 27 Feb 2023 11:52

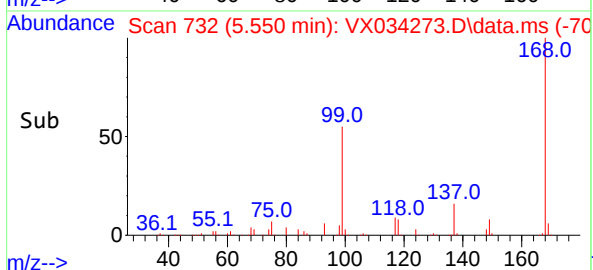
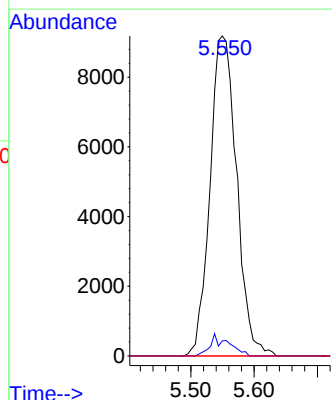
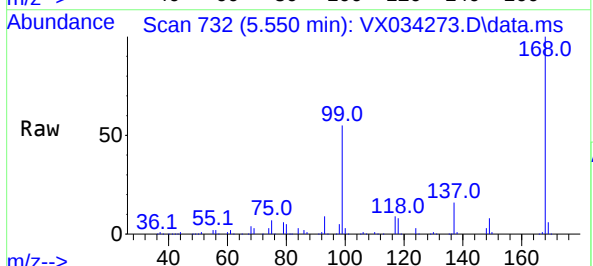
Instrument :
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VX0227WBL01

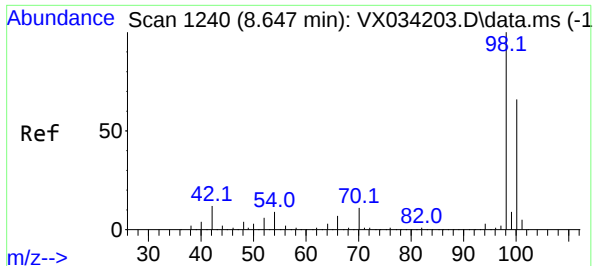
Tgt Ion: 75 Resp: 20380
Ion Ratio Lower Upper
75 100
110 9.6 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.843 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034273.D
Acq: 27 Feb 2023 11:52

Tgt Ion: 117 Resp: 26828
Ion Ratio Lower Upper
117 100
119 4.7 78.0 117.0#
121 0.0 24.4 36.6#

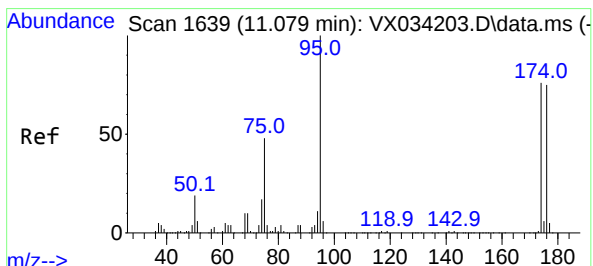
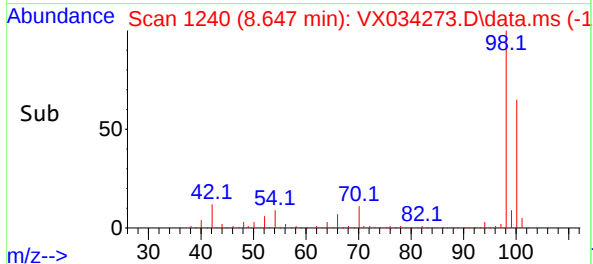
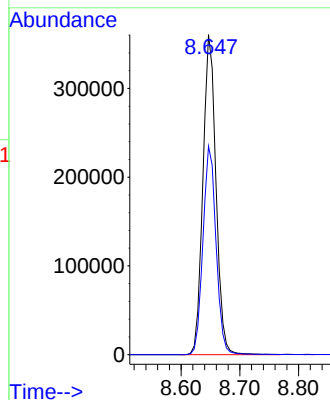
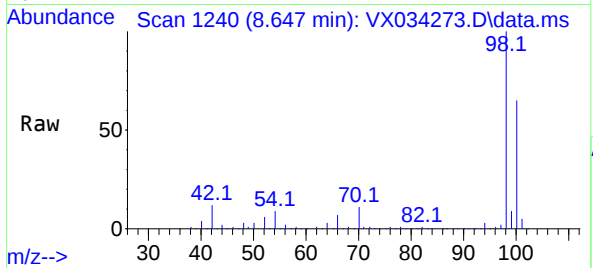




#50
Toluene-d8
Concen: 51.303 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034273.D
Acq: 27 Feb 2023 11:52

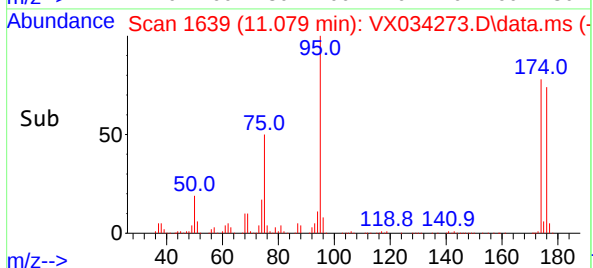
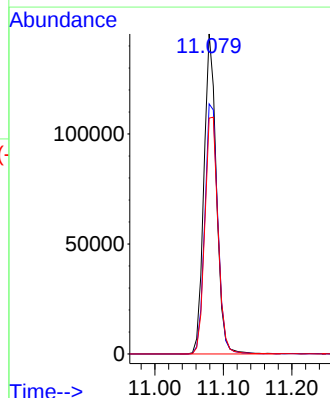
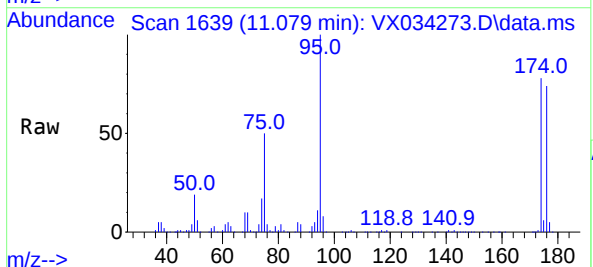
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBL01

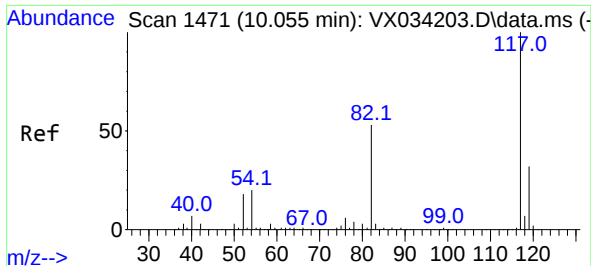
Tgt Ion: 98 Resp: 555748
Ion Ratio Lower Upper
98 100
100 65.5 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 44.585 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034273.D
Acq: 27 Feb 2023 11:52

Tgt Ion: 95 Resp: 184740
Ion Ratio Lower Upper
95 100
174 81.9 0.0 184.4
176 78.8 0.0 178.8

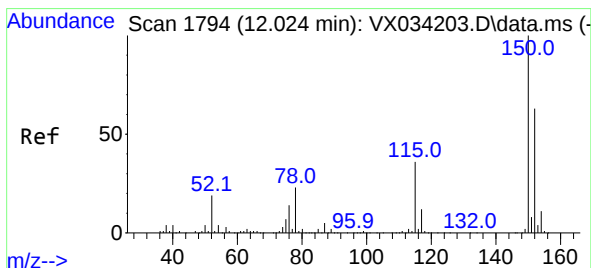
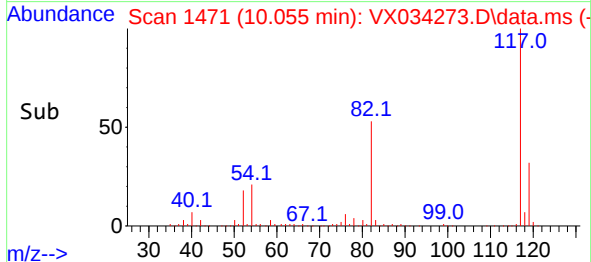
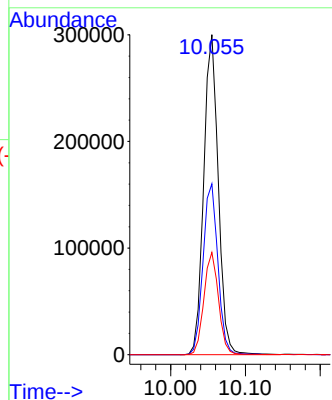
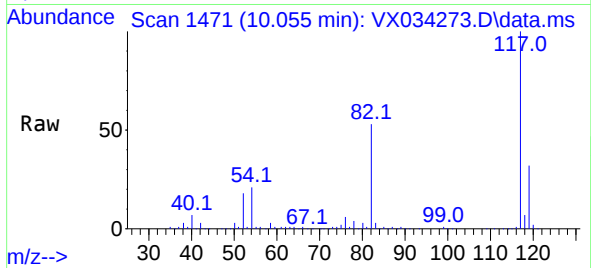




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034273.D
Acq: 27 Feb 2023 11:52

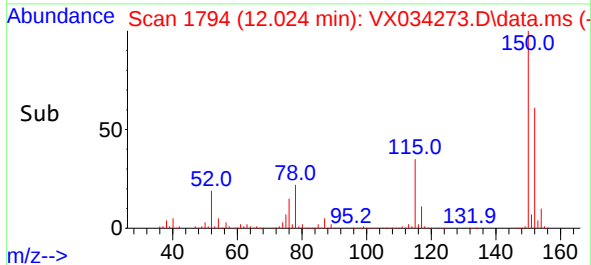
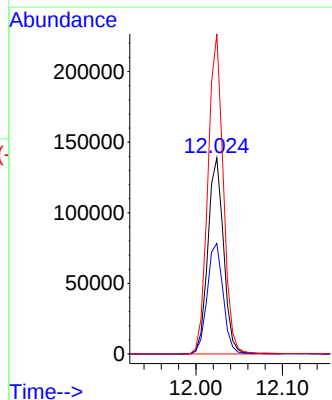
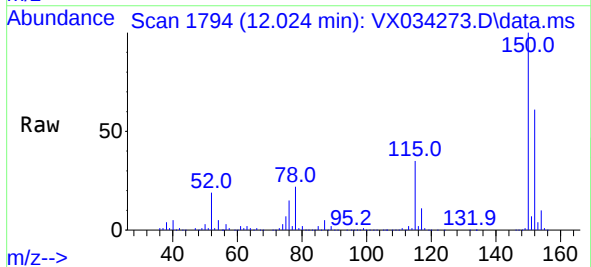
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBL01

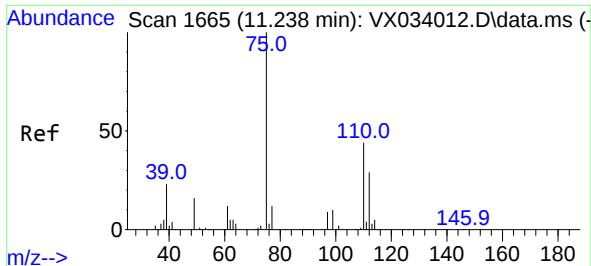
Tgt Ion:117 Resp: 406175
Ion Ratio Lower Upper
117 100
82 53.4 40.6 60.8
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034273.D
Acq: 27 Feb 2023 11:52

Tgt Ion:152 Resp: 174987
Ion Ratio Lower Upper
152 100
115 57.5 38.7 116.1
150 160.0 0.0 348.2

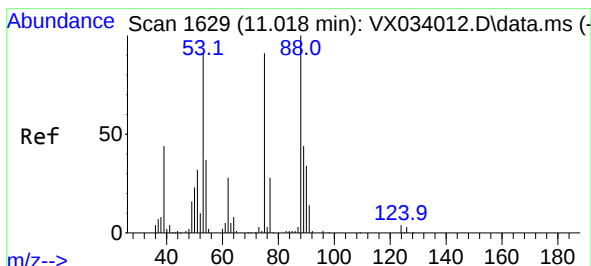
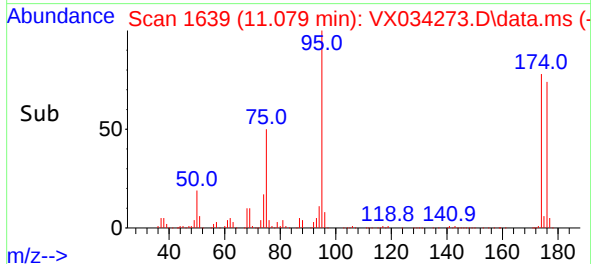
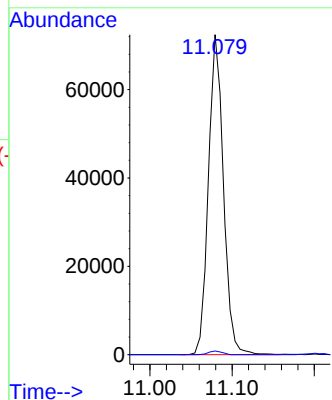
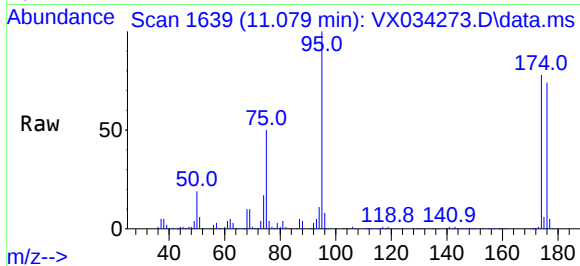




#76
1,2,3-Trichloropropane
Concen: 20.870 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034273.D
Acq: 27 Feb 2023 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBL01

Tgt Ion: 75 Resp: 91893
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.613 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034273.D
Acq: 27 Feb 2023 11:52

Tgt Ion: 75 Resp: 91893
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

