

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034738.D
 Acq On : 27 Mar 2023 09:53
 Operator : JC/MD
 Sample : VX0327MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327MBL01

Quant Time: Mar 27 16:06:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

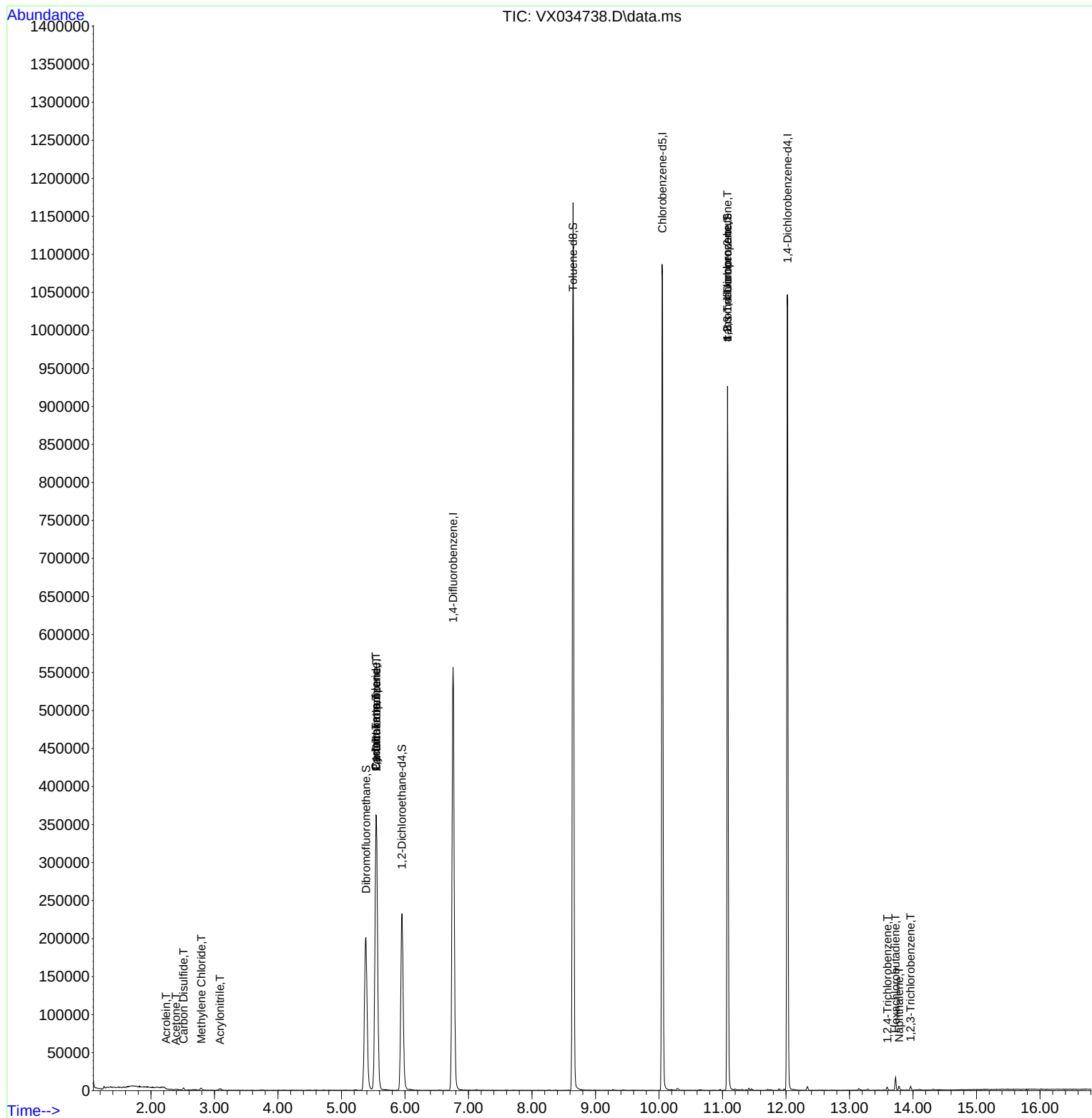
Internal Standards						
1) Pentafluorobenzene	5.550	168	338022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	560273	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	492377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	213688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	232545	47.289	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.580%		
35) Dibromofluoromethane	5.385	113	178326	48.207	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.420%		
50) Toluene-d8	8.647	98	670534	48.557	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.120%		
62) 4-Bromofluorobenzene	11.079	95	248255	44.507	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.020%		
Target Compounds			Qvalue			
3) Chloromethane	1.295	50	431	Below Cal	#	87
13) Acrolein	2.240	56	455	0.562	ug/l #	42
15) Acrylonitrile	3.087	53	870	0.393	ug/l	92
16) Acetone	2.392	43	955	0.412	ug/l	94
17) Carbon Disulfide	2.514	76	2761	0.265	ug/l	98
20) Methylene Chloride	2.794	84	1189	0.264	ug/l #	73
31) Cyclohexane	5.544	56	7712	1.118	ug/l #	4
36) 1,1-Dichloropropene	5.550	75	28218	4.966	ug/l #	50
38) Carbon Tetrachloride	5.544	117	35870	6.346	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	129139	26.320	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	129139	71.203	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.597	180	1011	0.215	ug/l #	80
94) Hexachlorobutadiene	13.725	225	2377	1.258	ug/l	95
95) Naphthalene	13.780	128	4211	0.268	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	1314	0.286	ug/l	95

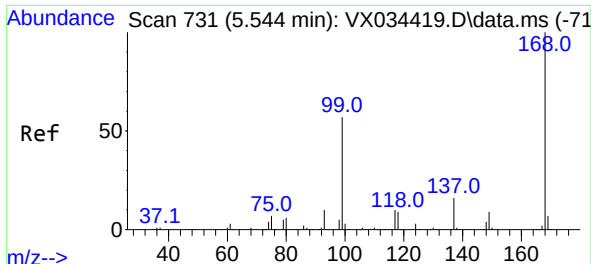
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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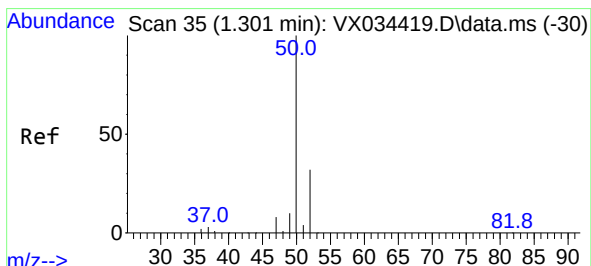
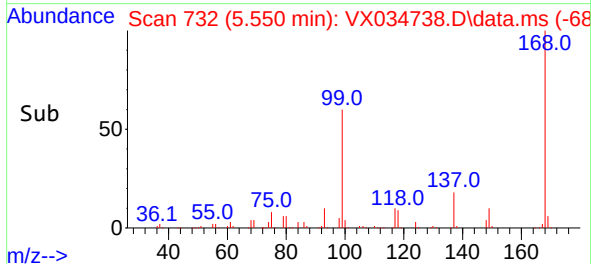
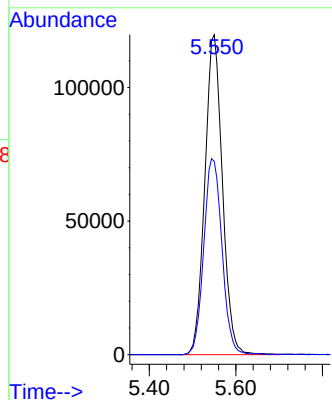
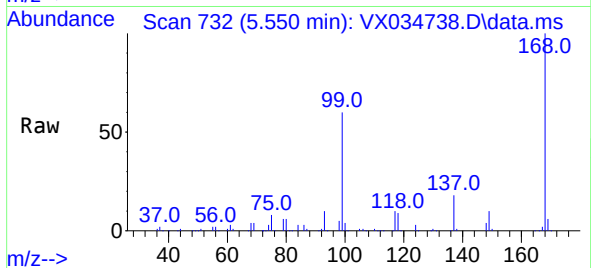




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034738.D
Acq: 27 Mar 2023 09:53

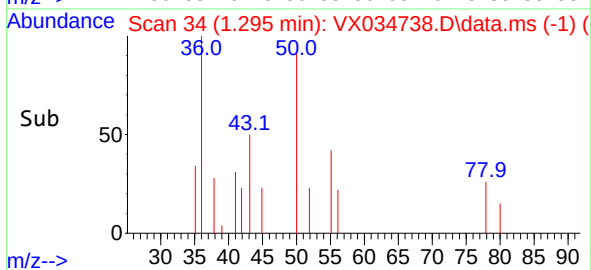
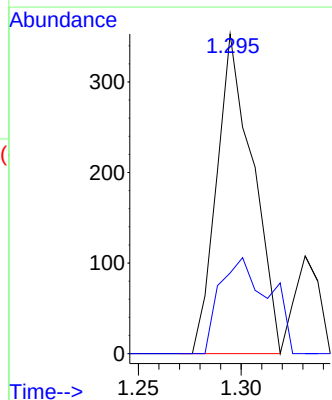
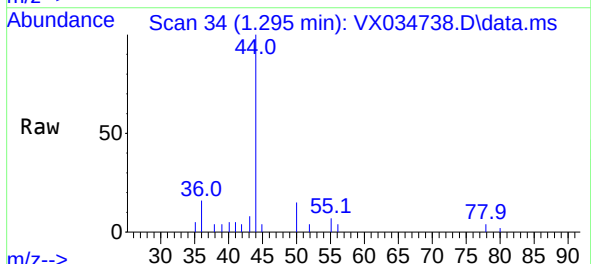
Instrument :
MSVOA_X
ClientSampleId :
VX0327MBL01

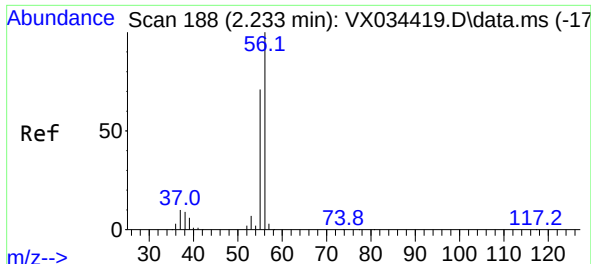
Tgt Ion:168 Resp: 338022
Ion Ratio Lower Upper
168 100
99 60.4 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX034738.D
Acq: 27 Mar 2023 09:53

Tgt Ion: 50 Resp: 431
Ion Ratio Lower Upper
50 100
52 25.2 25.9 38.9#

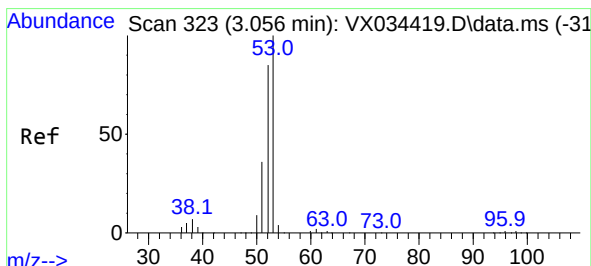
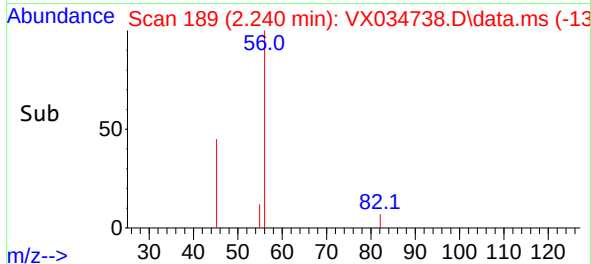
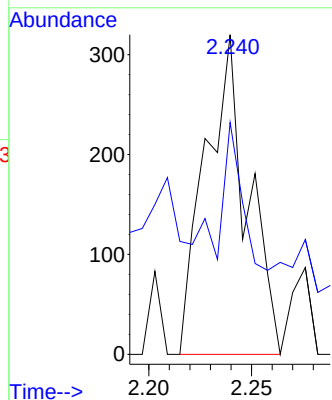
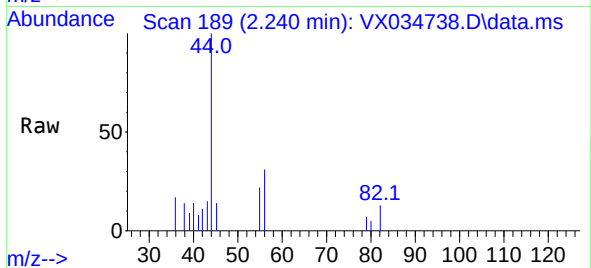




#13
Acrolein
Concen: 0.562 ug/l
RT: 2.240 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX034738.D
Acq: 27 Mar 2023 09:53

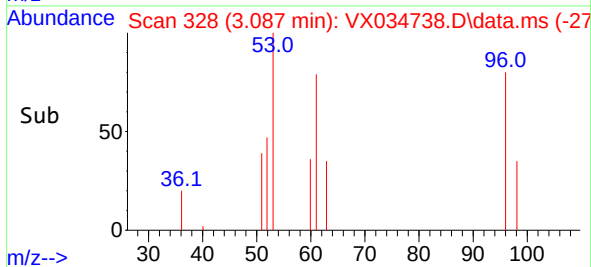
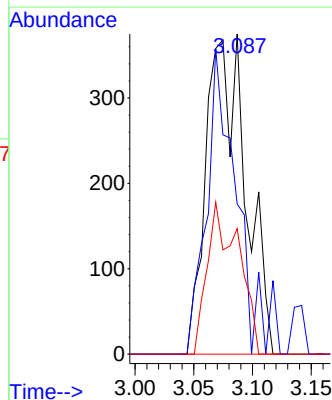
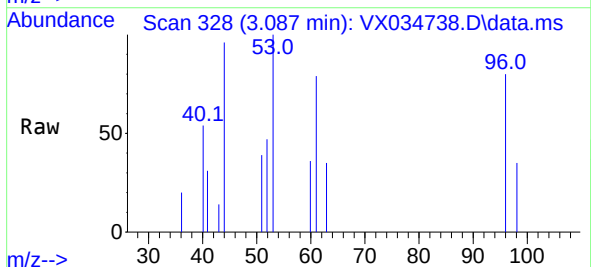
Instrument :
MSVOA_X
ClientSampleId :
VX0327MBL01

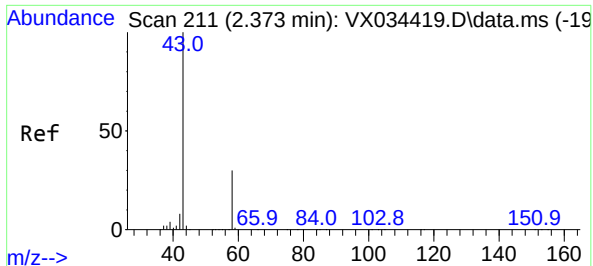
Tgt Ion: 56 Resp: 455
Ion Ratio Lower Upper
56 100
55 23.3 56.6 85.0#



#15
Acrylonitrile
Concen: 0.393 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.031 min
Lab File: VX034738.D
Acq: 27 Mar 2023 09:53

Tgt Ion: 53 Resp: 870
Ion Ratio Lower Upper
53 100
52 74.0 66.2 99.2
51 37.9 28.3 42.5

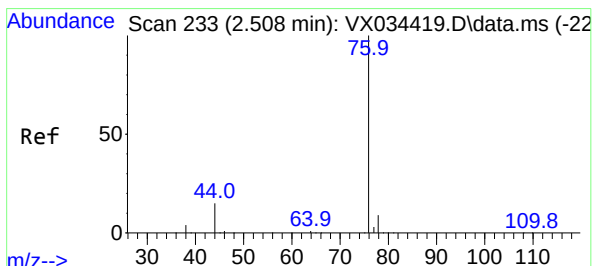
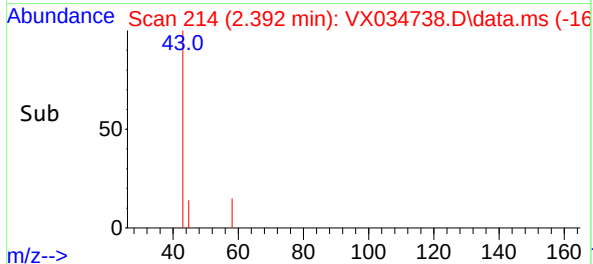
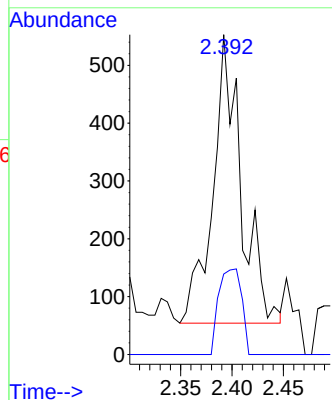
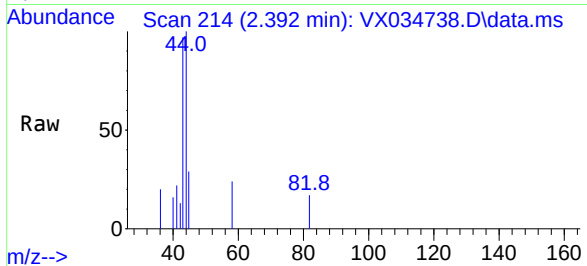




#16
Acetone
Concen: 0.412 ug/l
RT: 2.392 min Scan# 211
Delta R.T. 0.018 min
Lab File: VX034738.D
Acq: 27 Mar 2023 09:53

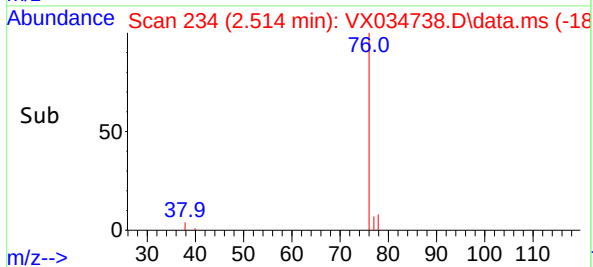
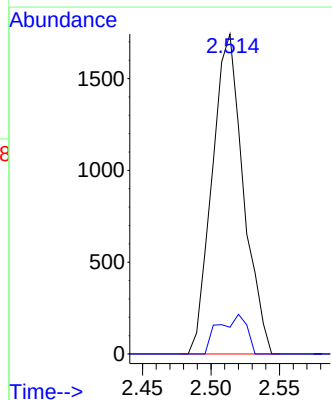
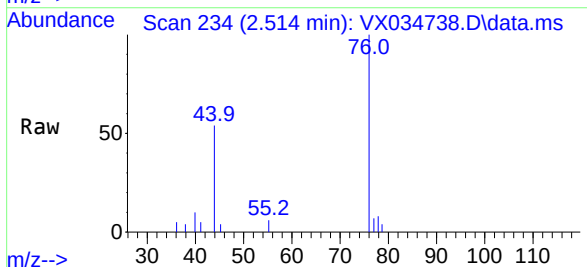
Instrument :
MSVOA_X
ClientSampleId :
VX0327MBL01

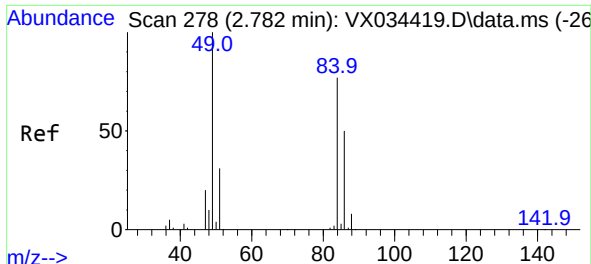
Tgt Ion: 43 Resp: 955
Ion Ratio Lower Upper
43 100
58 27.9 24.7 37.1



#17
Carbon Disulfide
Concen: 0.265 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX034738.D
Acq: 27 Mar 2023 09:53

Tgt Ion: 76 Resp: 2761
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8



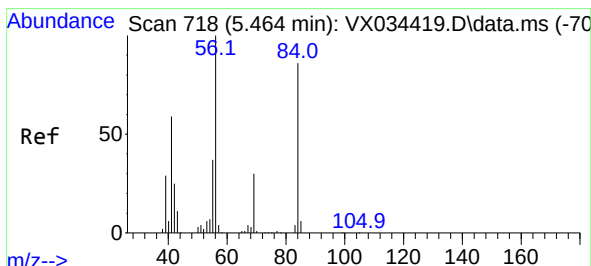
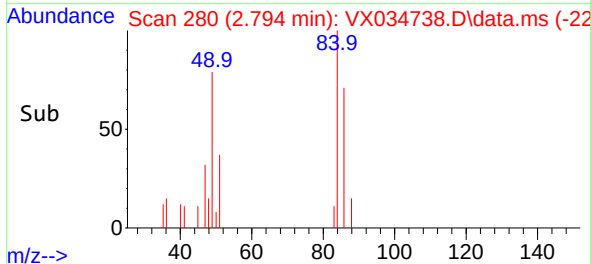
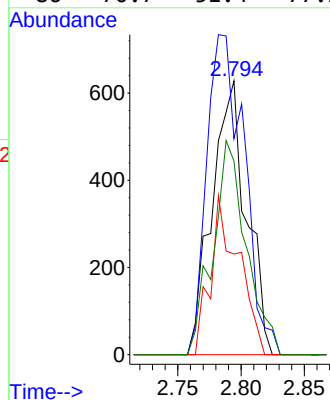
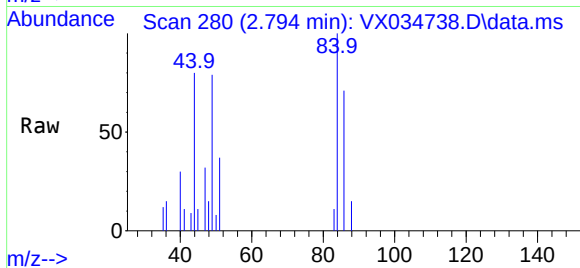


#20
Methylene Chloride
Concen: 0.264 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX034738.D
Acq: 27 Mar 2023 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX0327MBL01

Tgt Ion: 84 Resp: 1189

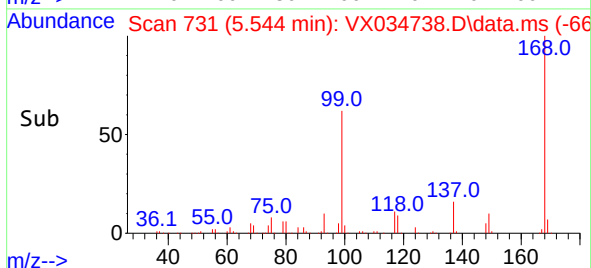
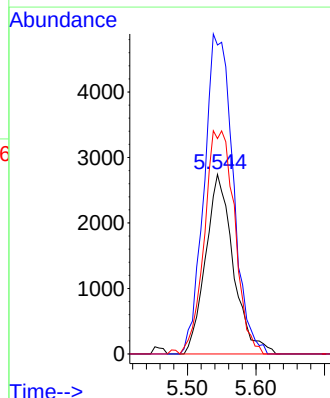
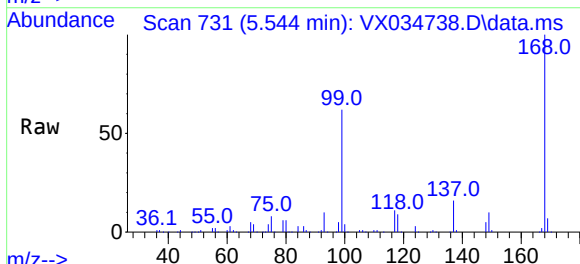
Ion	Ratio	Lower	Upper
84	100		
49	79.0	103.8	155.8#
51	36.8	31.8	47.8
86	70.7	51.4	77.2

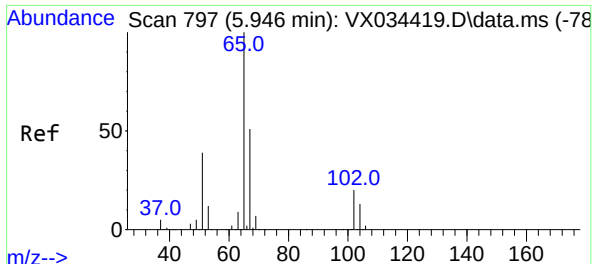


#31
Cyclohexane
Concen: 1.118 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX034738.D
Acq: 27 Mar 2023 09:53

Tgt Ion: 56 Resp: 7712

Ion	Ratio	Lower	Upper
56	100		
69	172.1	23.7	35.5#
84	120.0	68.5	102.7#

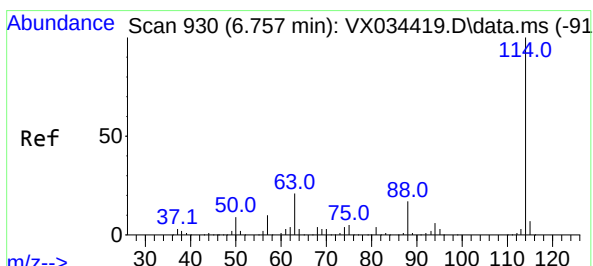
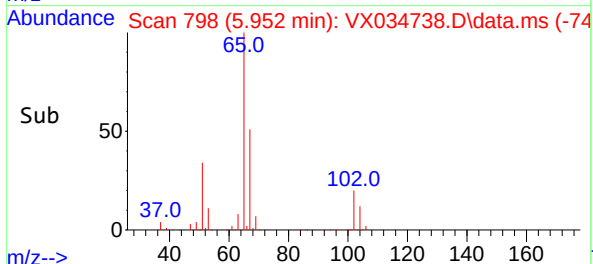
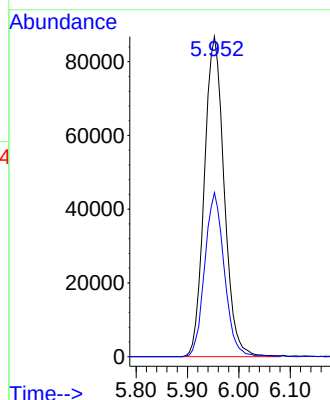
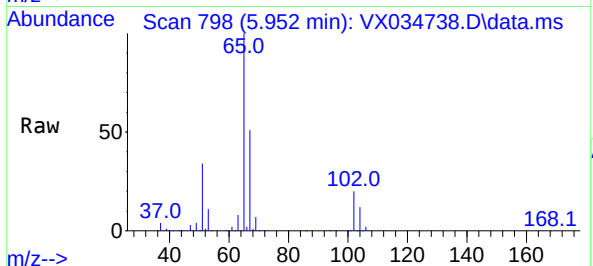




#33
1,2-Dichloroethane-d4
Concen: 47.289 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX034738.D
Acq: 27 Mar 2023 09:53

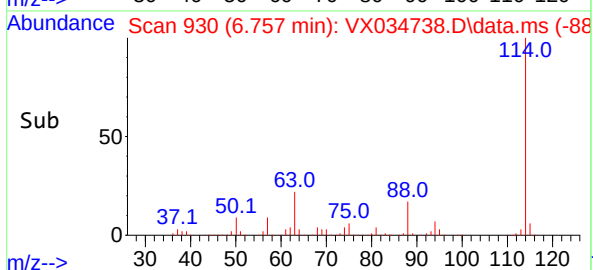
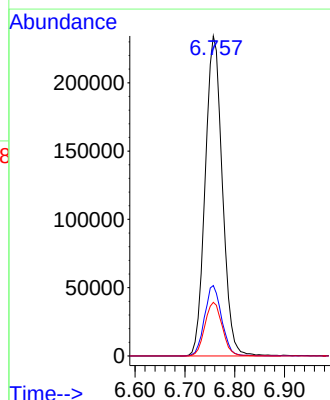
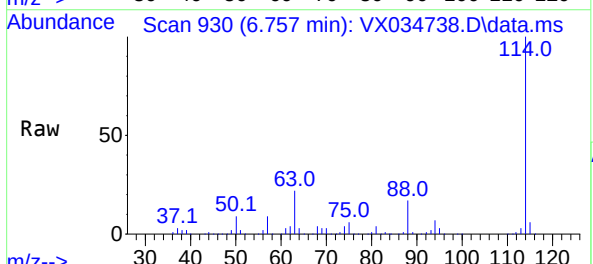
Instrument :
MSVOA_X
ClientSampleId :
VX0327MBL01

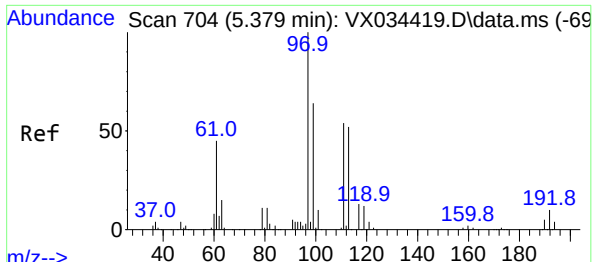
Tgt Ion: 65 Resp: 232545
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX034738.D
Acq: 27 Mar 2023 09:53

Tgt Ion: 114 Resp: 560273
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.2
88 16.8 0.0 33.2

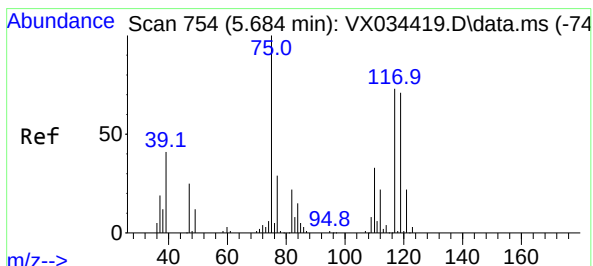
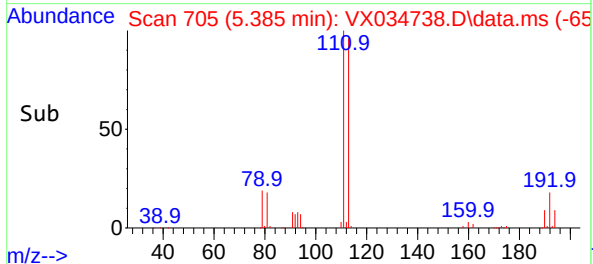
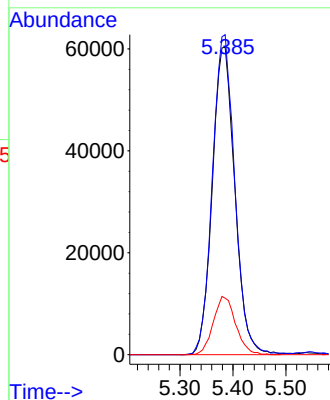
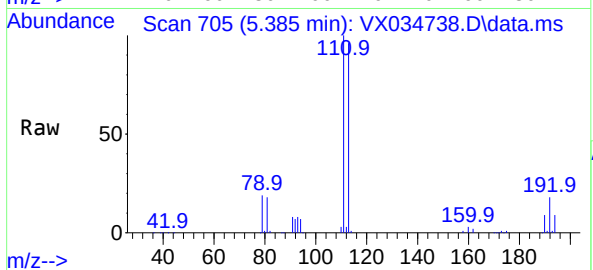




#35
Dibromofluoromethane
Concen: 48.207 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034738.D
Acq: 27 Mar 2023 09:53

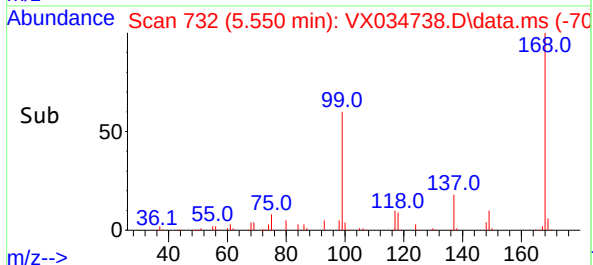
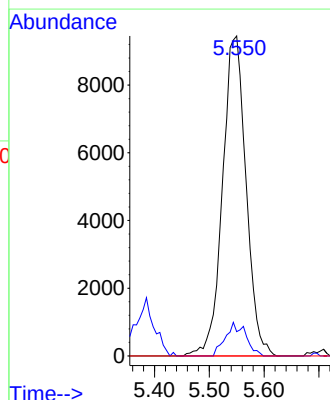
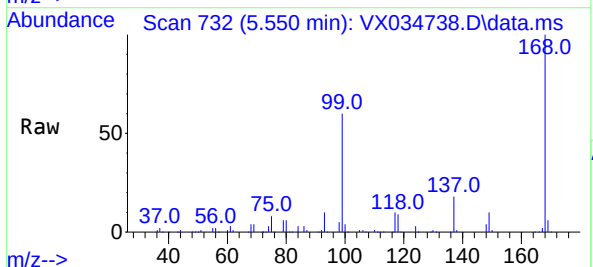
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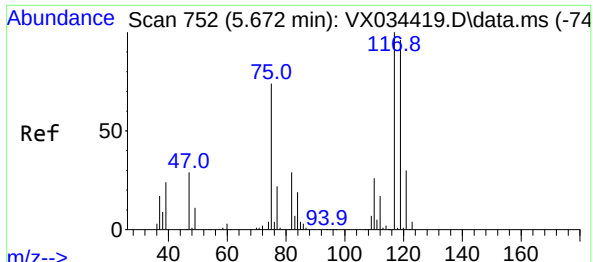
Tgt Ion:113 Resp: 178326
Ion Ratio Lower Upper
113 100
111 103.1 83.7 125.5
192 18.8 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.966 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX034738.D
Acq: 27 Mar 2023 09:53

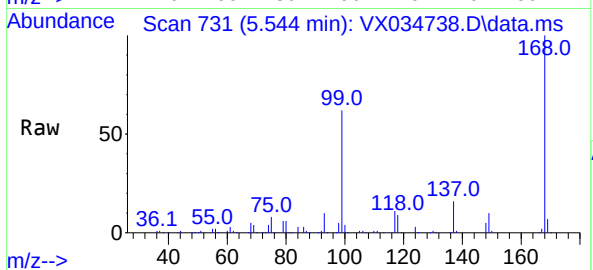
Tgt Ion: 75 Resp: 28218
Ion Ratio Lower Upper
75 100
110 9.0 17.5 52.5#
77 0.0 24.3 36.5#



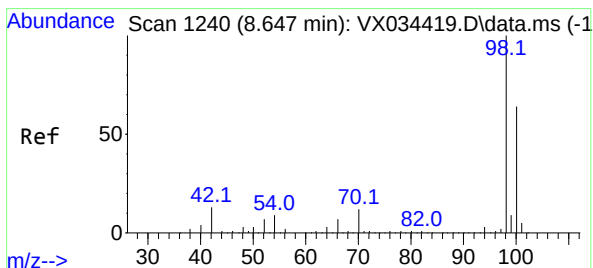
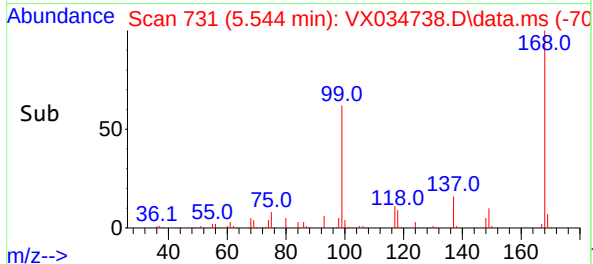
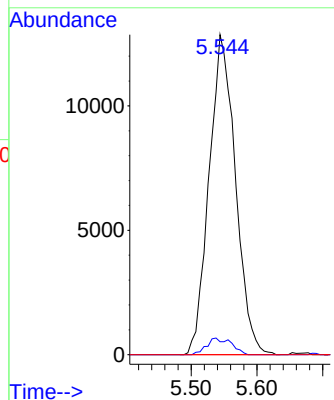


#38
Carbon Tetrachloride
Concen: 6.346 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034738.D
Acq: 27 Mar 2023 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX0327MBL01

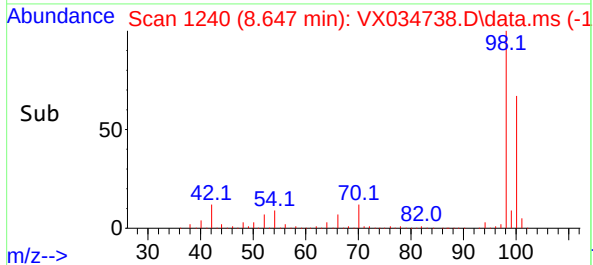
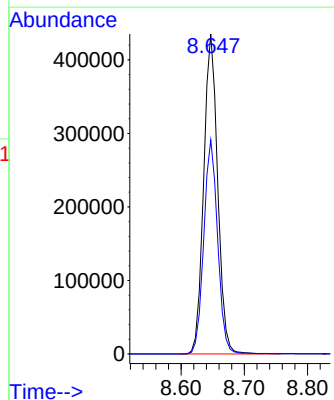
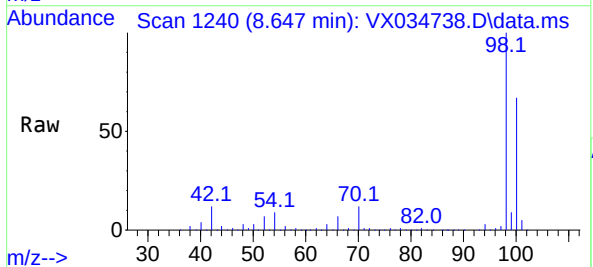


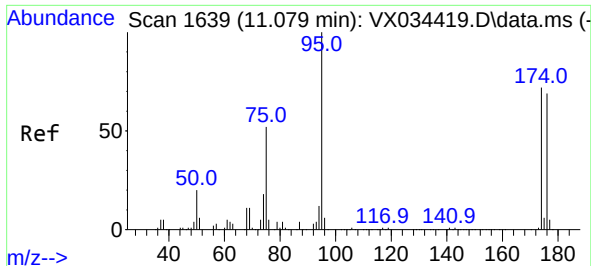
Tgt Ion:117 Resp: 35870
Ion Ratio Lower Upper
117 100
119 4.0 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.557 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034738.D
Acq: 27 Mar 2023 09:53

Tgt Ion: 98 Resp: 670534
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7

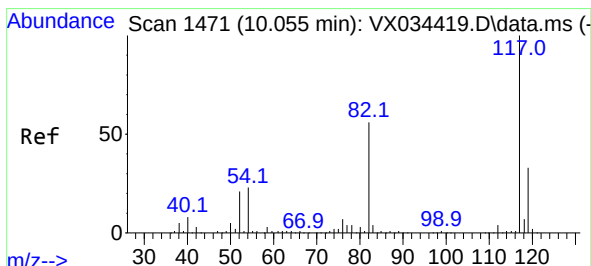
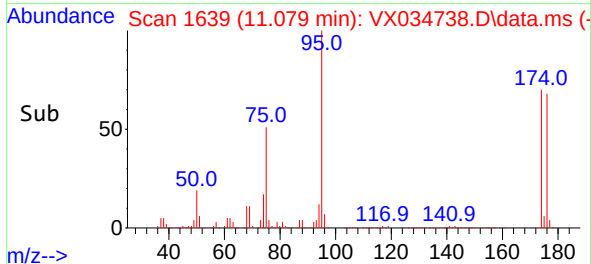
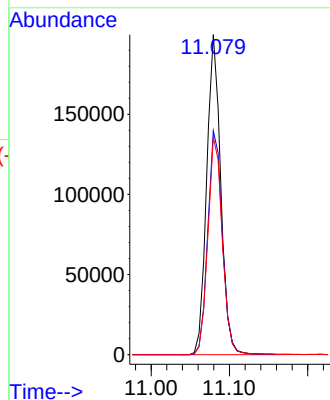
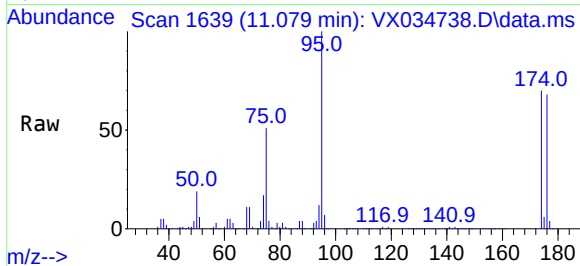




#62
4-Bromofluorobenzene
Concen: 44.507 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034738.D
Acq: 27 Mar 2023 09:53

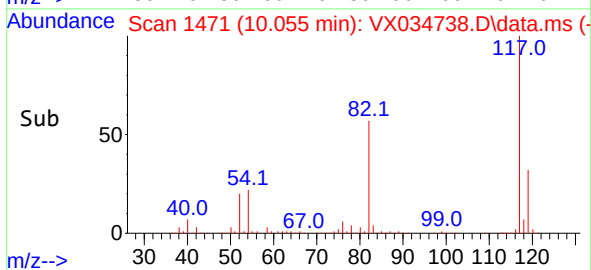
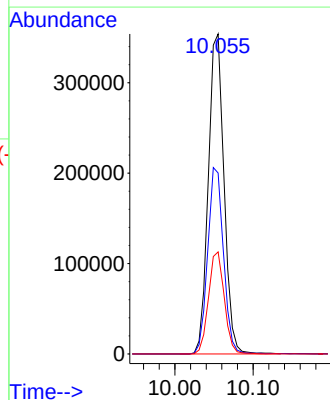
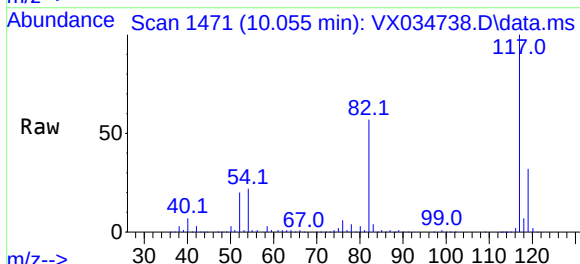
Instrument :
MSVOA_X
ClientSampleId :
VX0327MBL01

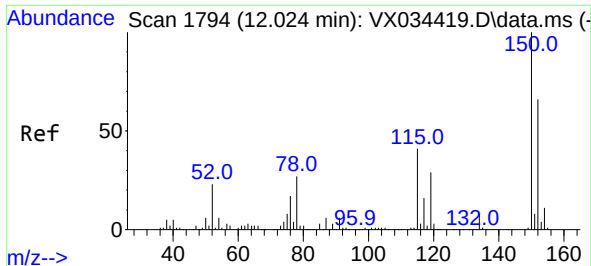
Tgt Ion: 95 Resp: 248255
Ion Ratio Lower Upper
95 100
174 72.5 0.0 147.4
176 70.0 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034738.D
Acq: 27 Mar 2023 09:53

Tgt Ion: 117 Resp: 492377
Ion Ratio Lower Upper
117 100
82 56.5 45.0 67.4
119 31.9 26.0 39.0

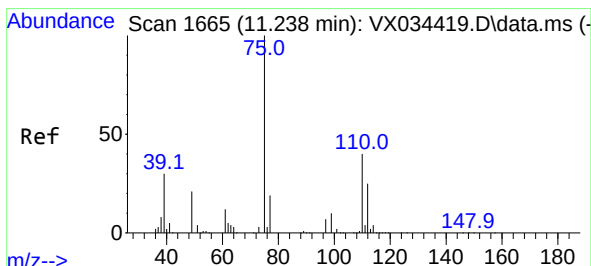
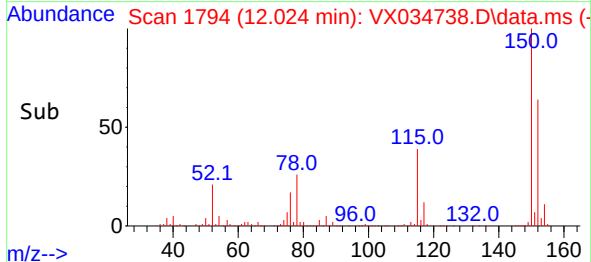
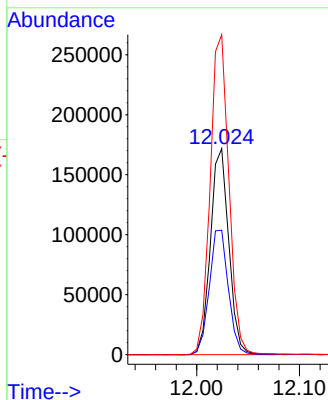
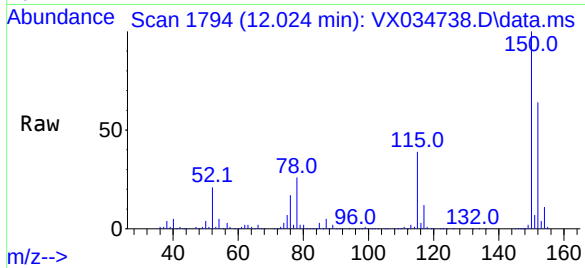




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034738.D
Acq: 27 Mar 2023 09:53

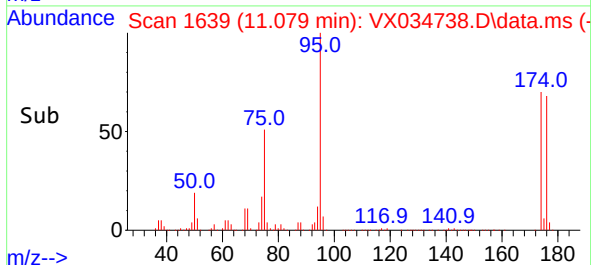
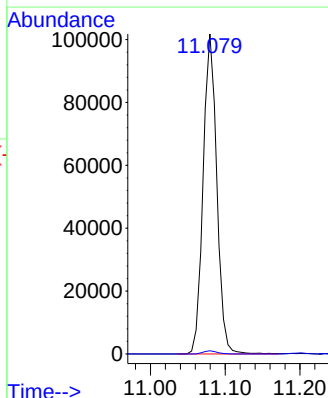
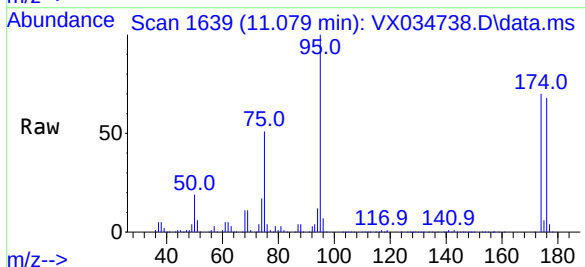
Instrument :
MSVOA_X
ClientSampleId :
VX0327MBL01

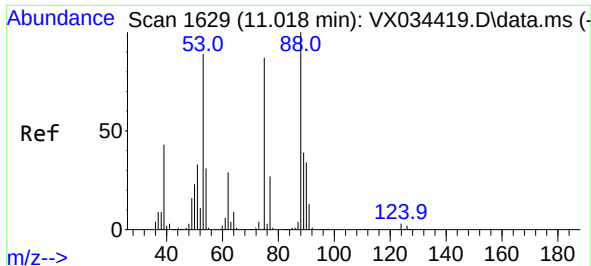
Tgt Ion:152 Resp: 213688
Ion Ratio Lower Upper
152 100
115 63.0 45.0 135.0
150 157.7 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 26.320 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034738.D
Acq: 27 Mar 2023 09:53

Tgt Ion: 75 Resp: 129139
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#

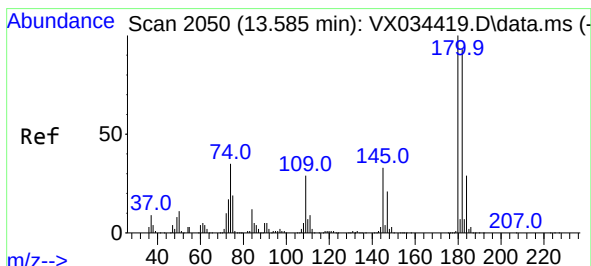
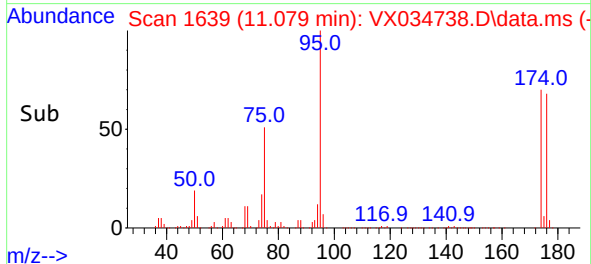
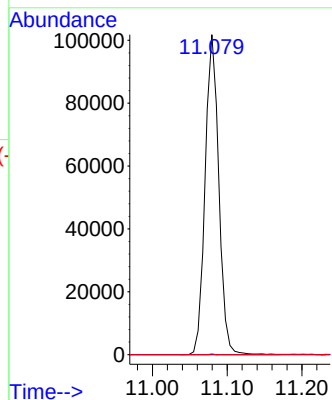
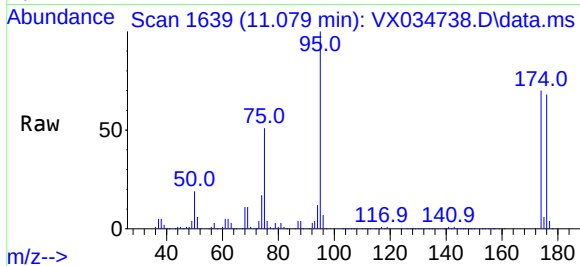




#81
trans-1,4-Dichloro-2-butene
Concen: 71.203 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034738.D
Acq: 27 Mar 2023 09:53

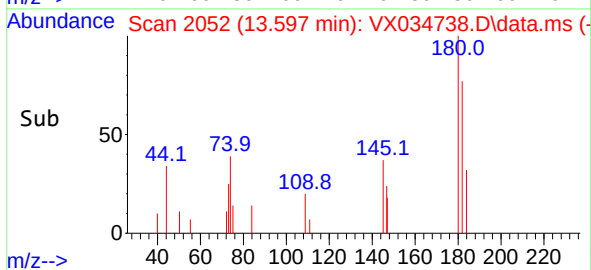
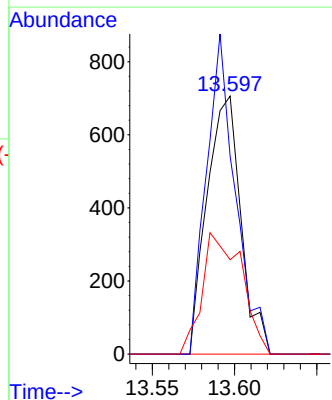
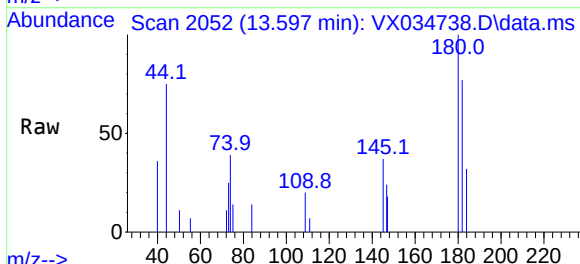
Instrument :
MSVOA_X
ClientSampleId :
VX0327MBL01

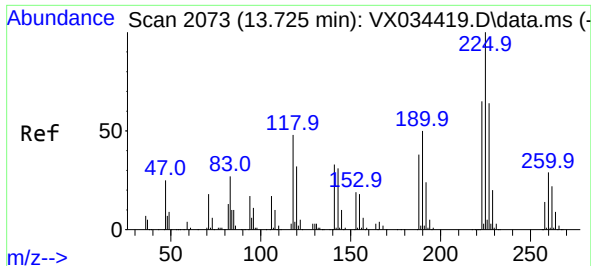
Tgt Ion: 75 Resp: 129139
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.1 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.215 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX034738.D
Acq: 27 Mar 2023 09:53

Tgt Ion:180 Resp: 1011
Ion Ratio Lower Upper
180 100
182 106.3 47.0 141.0
145 54.8 15.9 47.7#

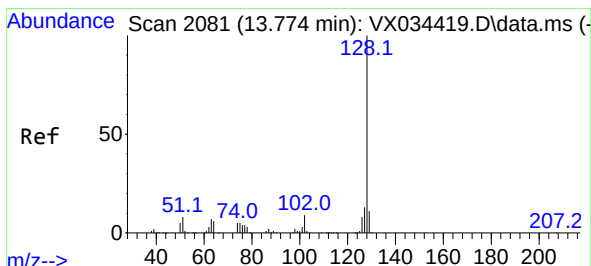
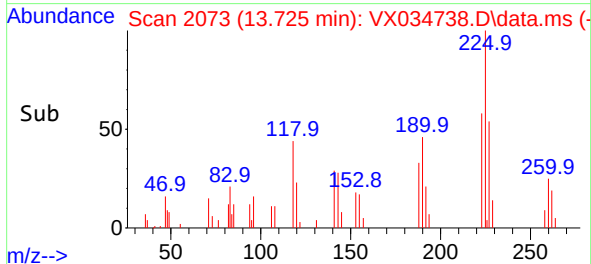
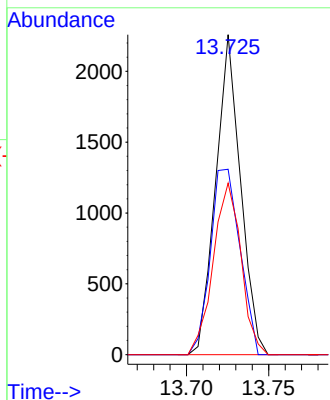
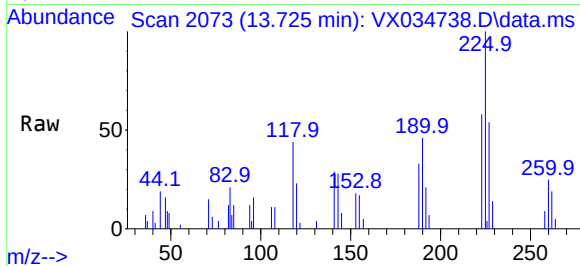




#94
Hexachlorobutadiene
Concen: 1.258 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034738.D
Acq: 27 Mar 2023 09:53

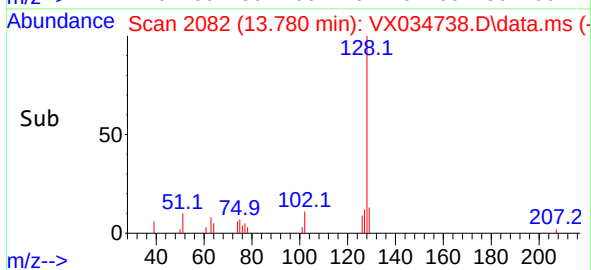
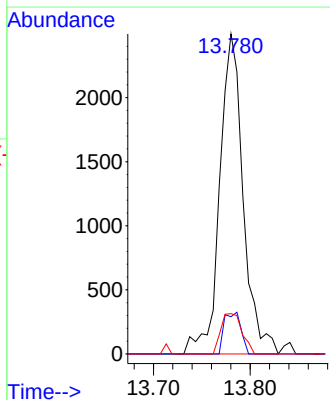
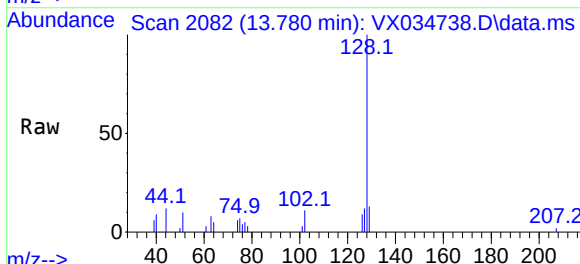
Instrument :
MSVOA_X
ClientSampleId :
VX0327MBL01

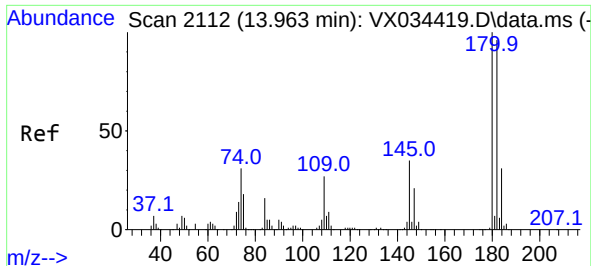
Tgt Ion:	225	Resp:	2377
Ion	Ratio	Lower	Upper
225	100		
223	69.0	32.1	96.5
227	59.9	31.8	95.4



#95
Naphthalene
Concen: 0.268 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034738.D
Acq: 27 Mar 2023 09:53

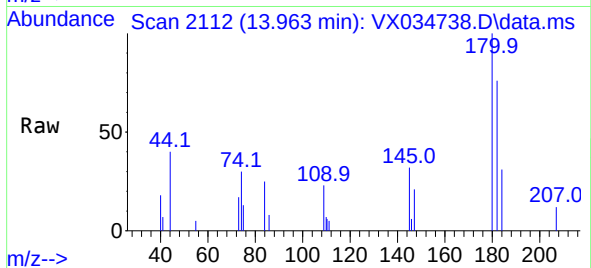
Tgt Ion:	128	Resp:	4211
Ion	Ratio	Lower	Upper
128	100		
127	9.2	10.2	15.4#
129	11.3	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.286 ug/l
RT: 13.963 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034738.D
Acq: 27 Mar 2023 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX0327MBL01



Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.0	144.2
145	42.8	17.7	53.1

