

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111323\
 Data File : VX038771.D
 Acq On : 13 Nov 2023 11:15
 Operator : JC/MD
 Sample : VX1113WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBL01

Quant Time: Nov 14 05:30:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

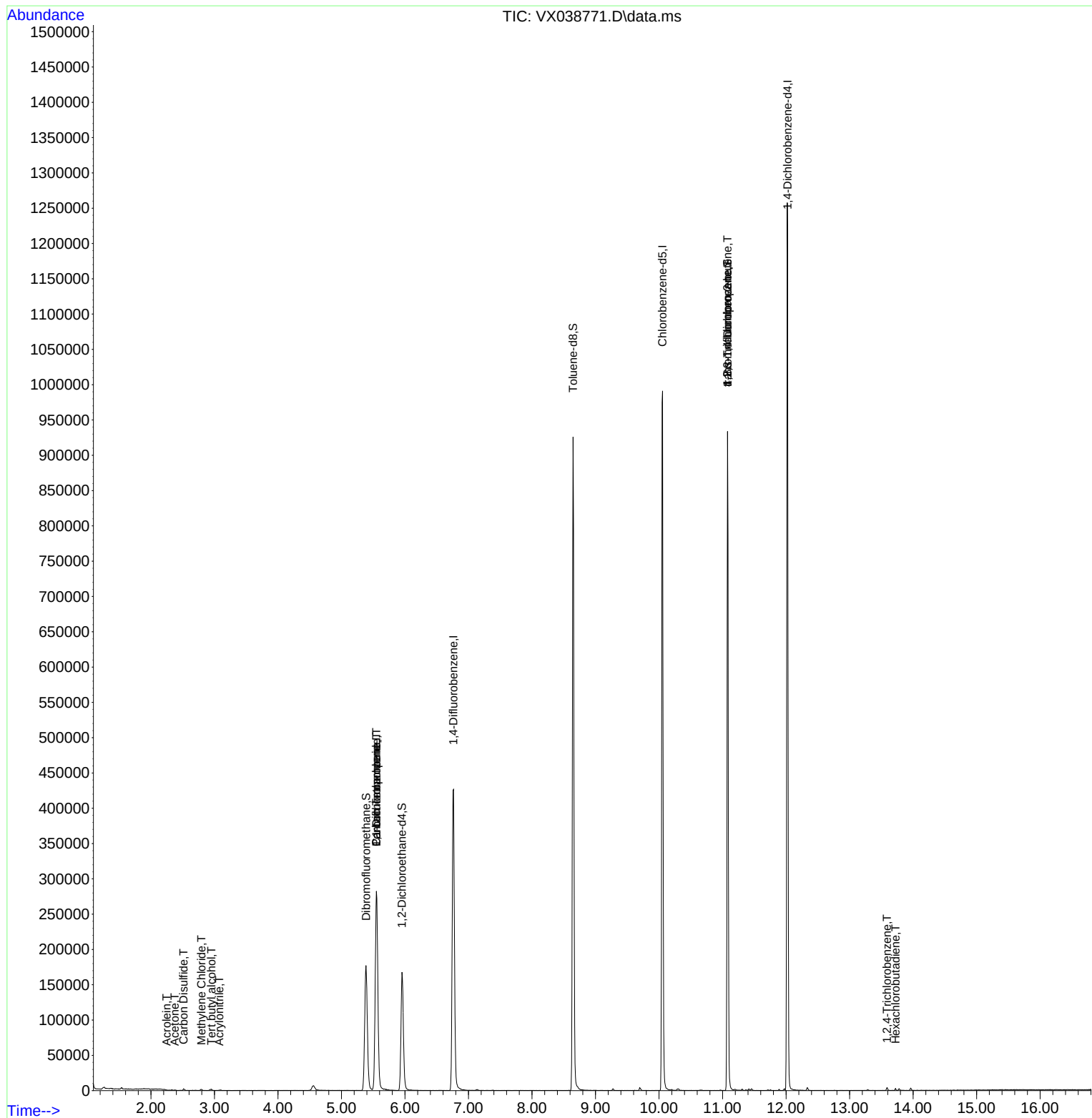
Internal Standards						
1) Pentafluorobenzene	5.550	168	292982	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	489009	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	513352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	298107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	166135	45.547	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.100%		
35) Dibromofluoromethane	5.385	113	158772	45.080	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.160%		
50) Toluene-d8	8.647	98	584346	46.365	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.740%		
62) 4-Bromofluorobenzene	11.079	95	253333	51.845	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.680%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	1146	1.537	ug/l #	78
13) Acrolein	2.246	56	153	0.271	ug/l #	77
15) Acrylonitrile	3.075	53	372	0.236	ug/l #	58
16) Acetone	2.374	43	489	0.318	ug/l	91
17) Carbon Disulfide	2.514	76	2329	0.321	ug/l	97
20) Methylene Chloride	2.794	84	810	0.262	ug/l #	71
36) 1,1-Dichloropropene	5.550	75	19597	4.479	ug/l #	52
38) Carbon Tetrachloride	5.550	117	27442	5.611	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	122042	20.671	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	122042	62.946	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	1427	0.213	ug/l	97
94) Hexachlorobutadiene	13.725	225	623	0.215	ug/l	97

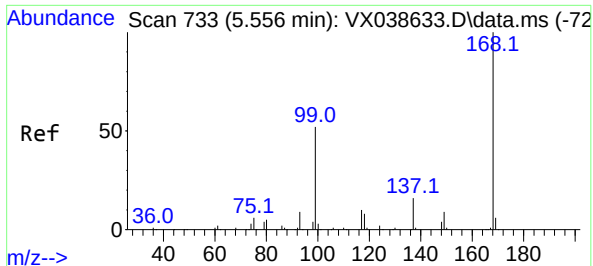
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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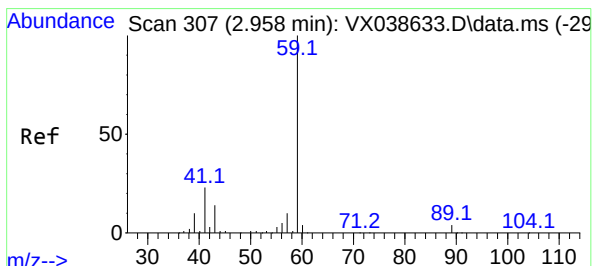
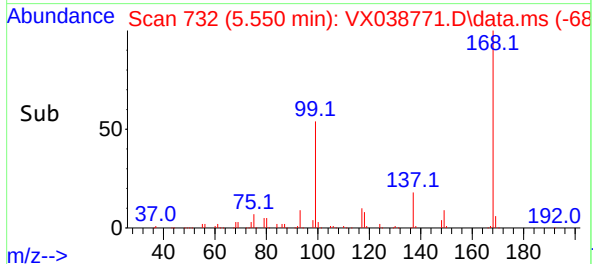
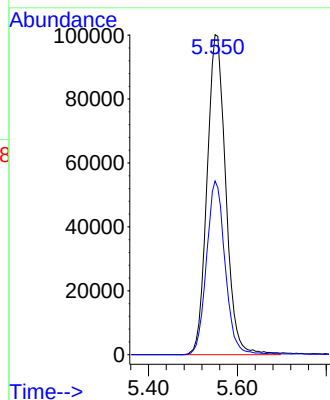
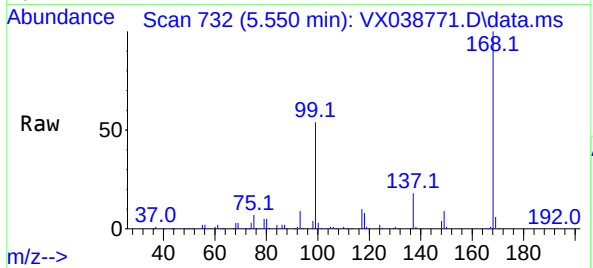




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038771.D
Acq: 13 Nov 2023 11:15

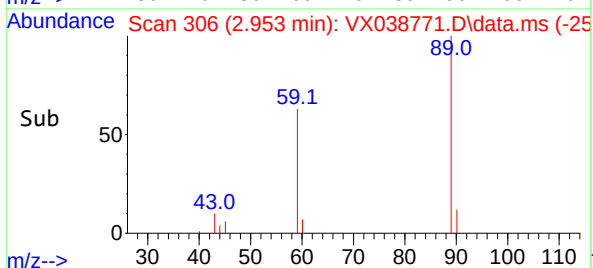
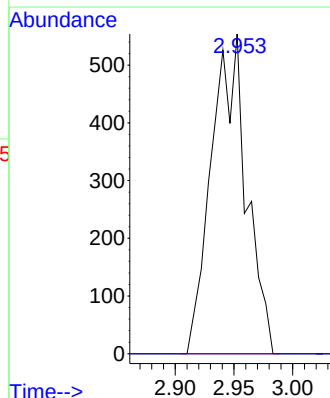
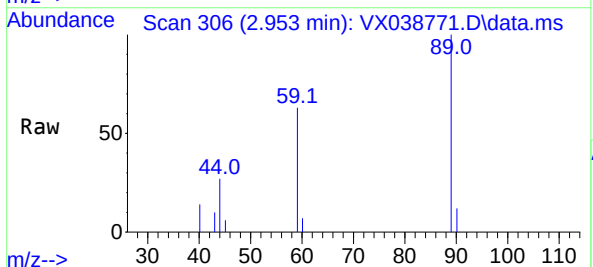
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBL01

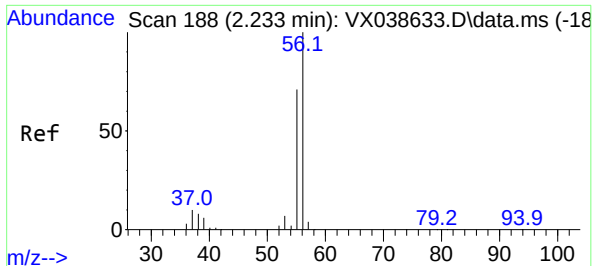
Tgt Ion:168 Resp: 292982
Ion Ratio Lower Upper
168 100
99 54.3 56.6 85.0#



#11
Tert butyl alcohol
Concen: 1.537 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038771.D
Acq: 13 Nov 2023 11:15

Tgt Ion: 59 Resp: 1146
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

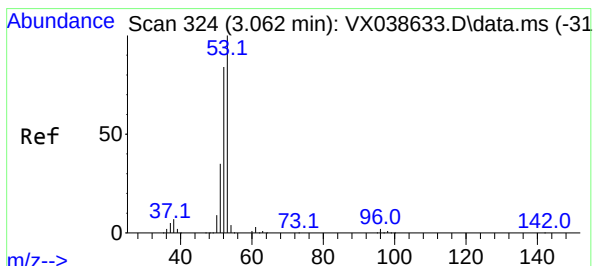
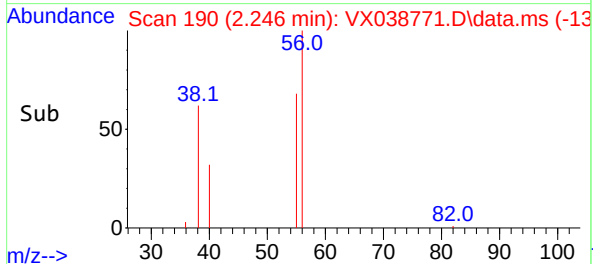
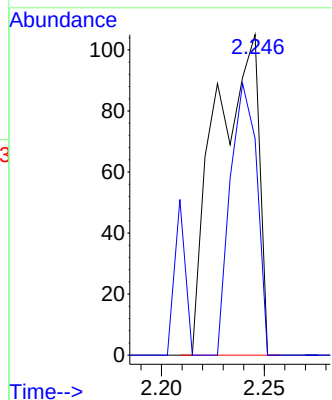
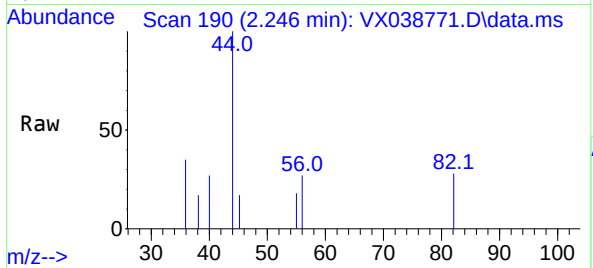




#13
Acrolein
Concen: 0.271 ug/l
RT: 2.246 min Scan# 14
Delta R.T. 0.013 min
Lab File: VX038771.D
Acq: 13 Nov 2023 11:15

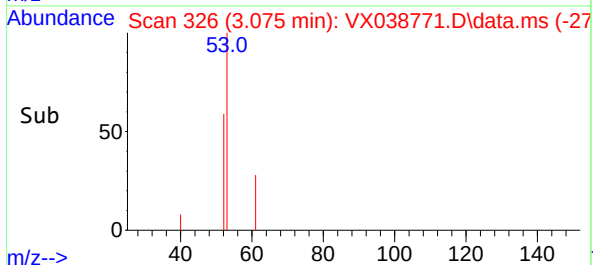
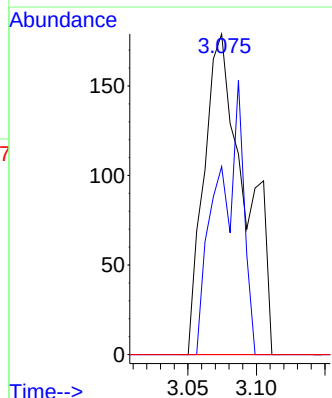
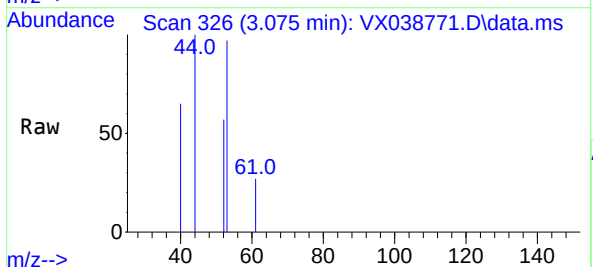
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBL01

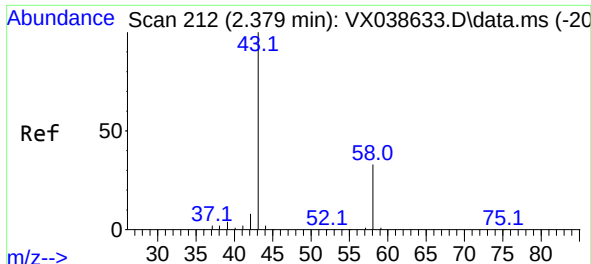
Tgt Ion: 56 Resp: 153
Ion Ratio Lower Upper
56 100
55 52.3 57.1 85.7#



#15
Acrylonitrile
Concen: 0.236 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.013 min
Lab File: VX038771.D
Acq: 13 Nov 2023 11:15

Tgt Ion: 53 Resp: 372
Ion Ratio Lower Upper
53 100
52 52.4 66.0 99.0#
51 0.0 29.8 44.6#

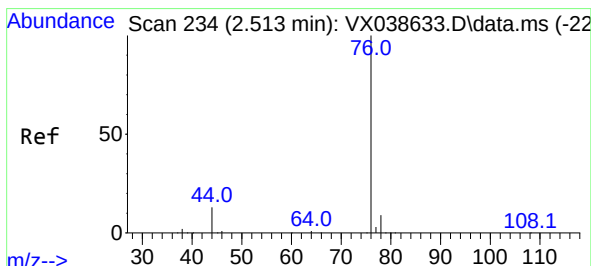
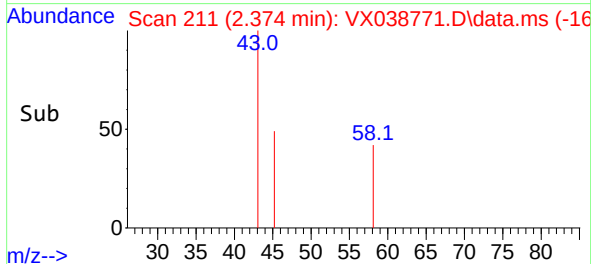
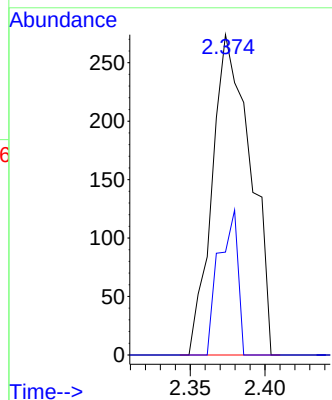
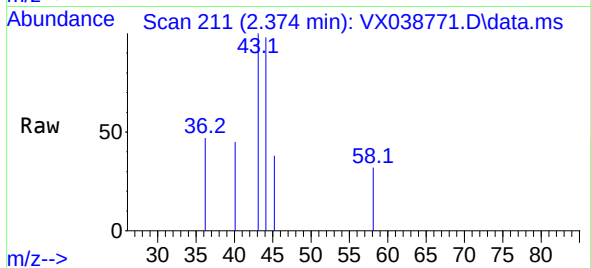




#16
Acetone
Concen: 0.318 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038771.D
Acq: 13 Nov 2023 11:15

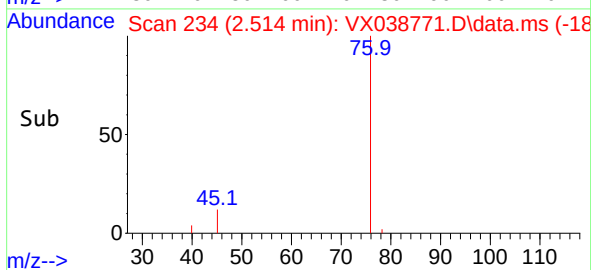
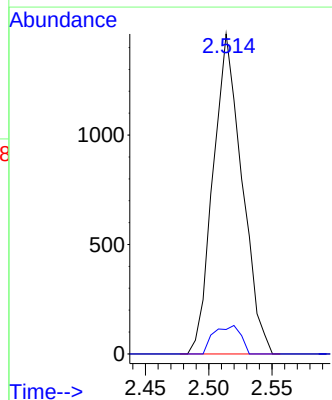
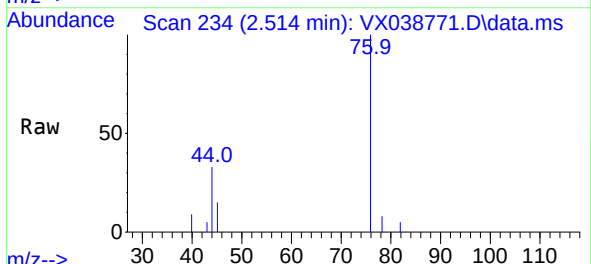
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBL01

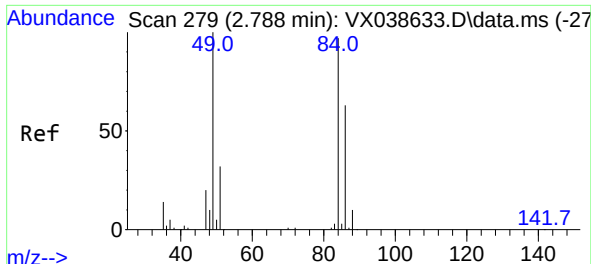
Tgt Ion: 43 Resp: 489
Ion Ratio Lower Upper
43 100
58 32.1 21.9 32.9



#17
Carbon Disulfide
Concen: 0.321 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX038771.D
Acq: 13 Nov 2023 11:15

Tgt Ion: 76 Resp: 2329
Ion Ratio Lower Upper
76 100
78 7.7 7.0 10.6



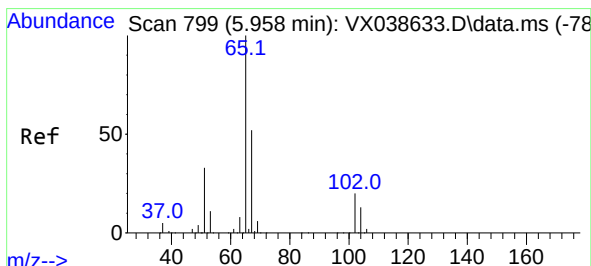
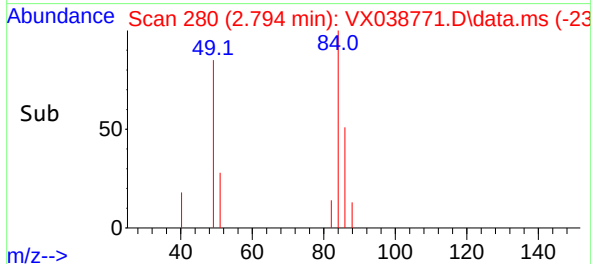
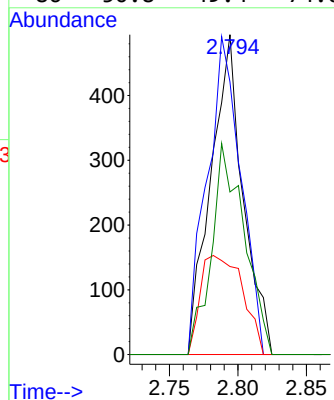
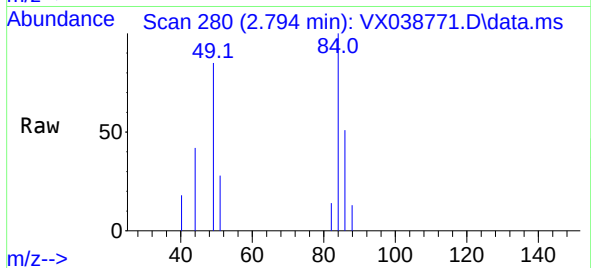


#20
Methylene Chloride
Concen: 0.262 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038771.D
Acq: 13 Nov 2023 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBL01

Tgt Ion: 84 Resp: 810

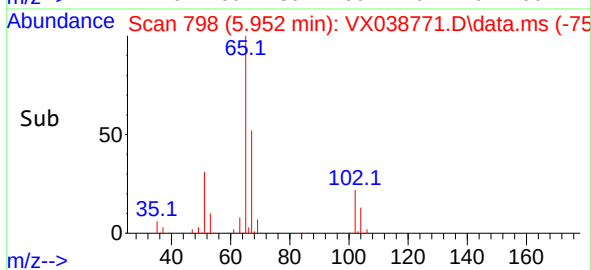
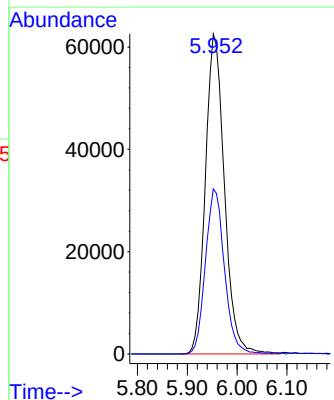
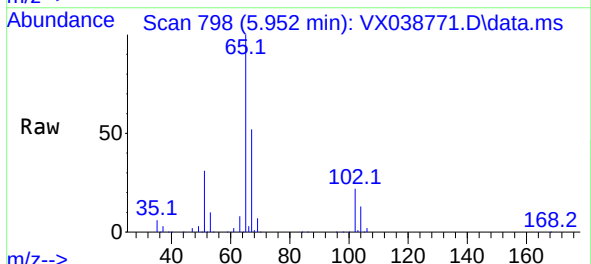
Ion	Ratio	Lower	Upper
84	100		
49	85.2	103.6	155.4#
51	27.5	33.8	50.6#
86	50.8	49.4	74.0

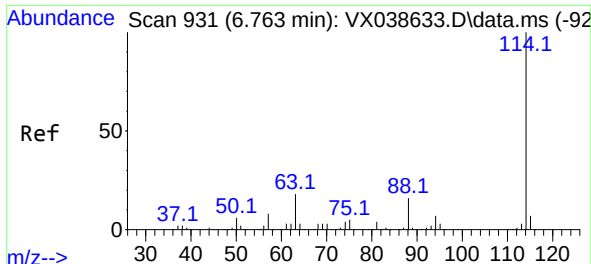


#33
1,2-Dichloroethane-d4
Concen: 45.547 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038771.D
Acq: 13 Nov 2023 11:15

Tgt Ion: 65 Resp: 166135

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	100.2

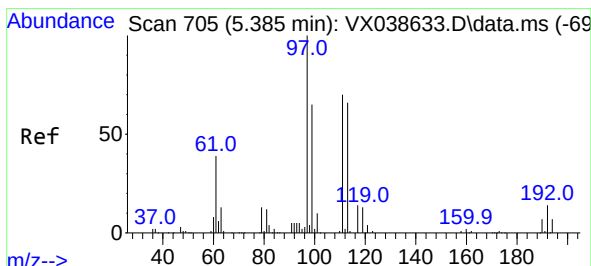
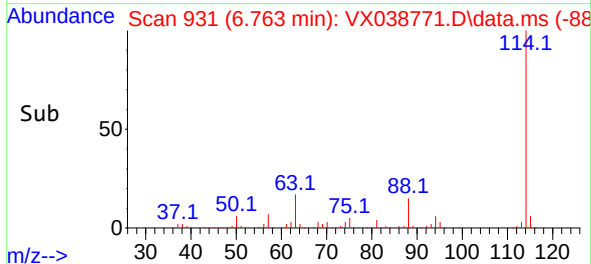
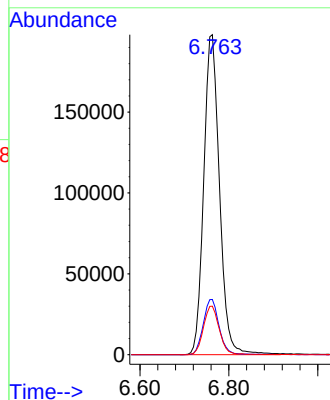
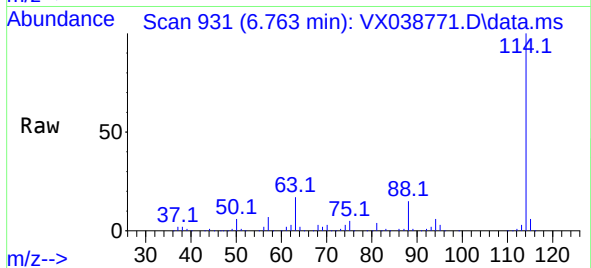




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038771.D
Acq: 13 Nov 2023 11:15

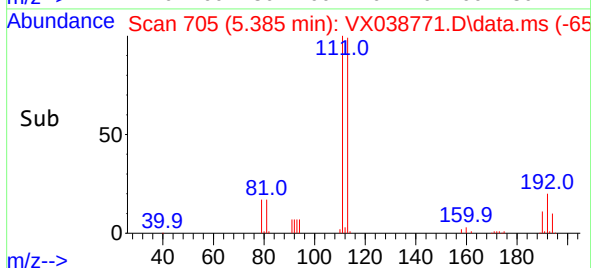
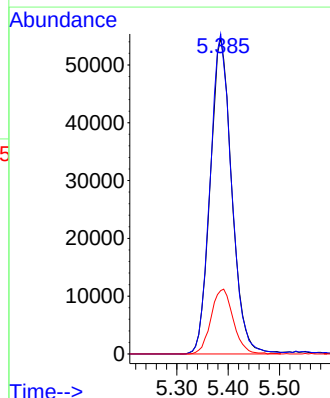
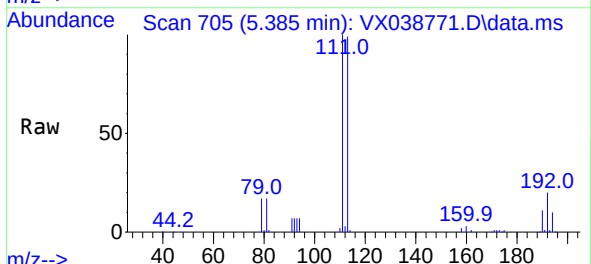
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBL01

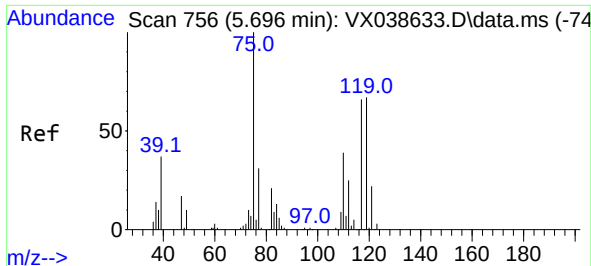
Tgt Ion:114 Resp: 489009
Ion Ratio Lower Upper
114 100
63 17.2 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.080 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038771.D
Acq: 13 Nov 2023 11:15

Tgt Ion:113 Resp: 158772
Ion Ratio Lower Upper
113 100
111 100.8 82.9 124.3
192 21.2 13.3 19.9#

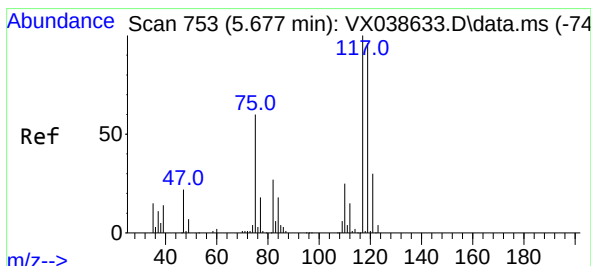
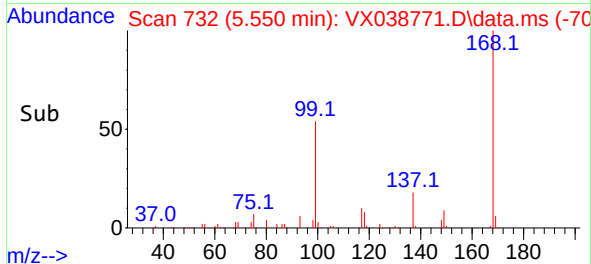
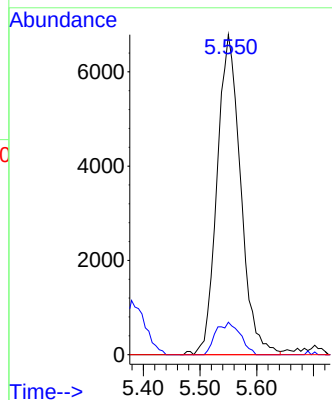
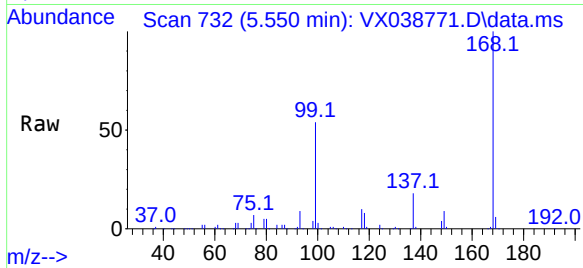




#36
1,1-Dichloropropene
Concen: 4.479 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX038771.D
Acq: 13 Nov 2023 11:15

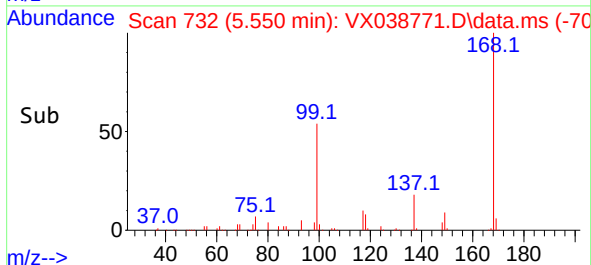
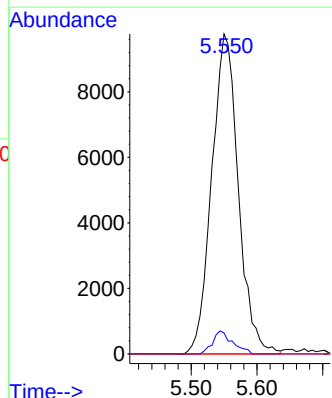
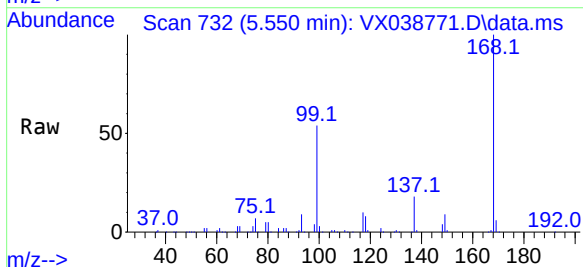
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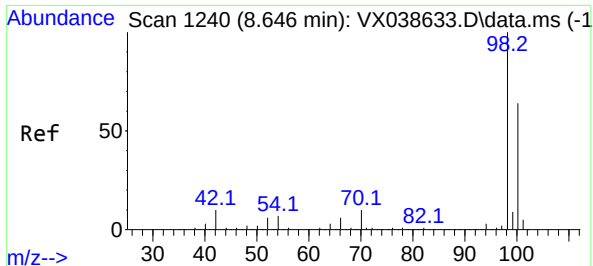
Tgt Ion: 75 Resp: 19597
Ion Ratio Lower Upper
75 100
110 10.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.611 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038771.D
Acq: 13 Nov 2023 11:15

Tgt Ion: 117 Resp: 27442
Ion Ratio Lower Upper
117 100
119 6.5 78.2 117.2#
121 0.0 24.4 36.6#

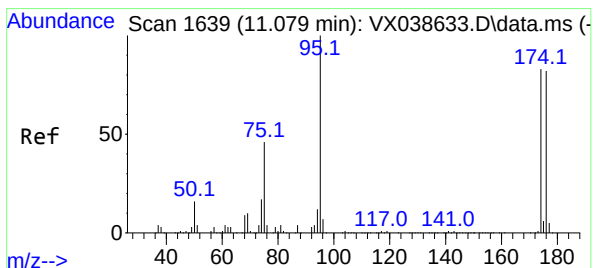
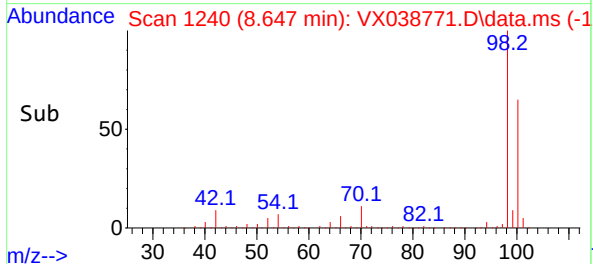
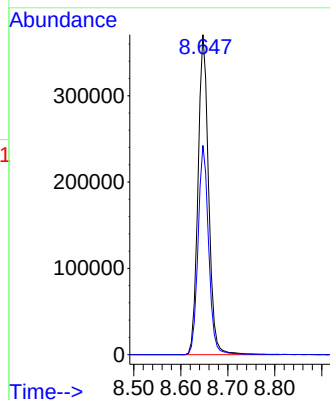
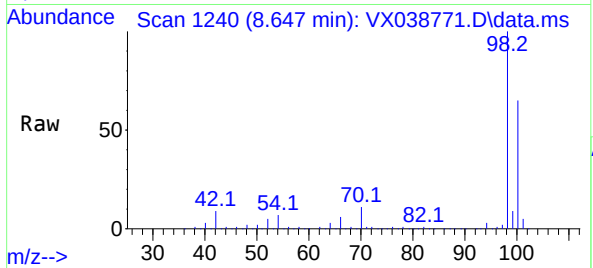




#50
Toluene-d8
Concen: 46.365 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038771.D
Acq: 13 Nov 2023 11:15

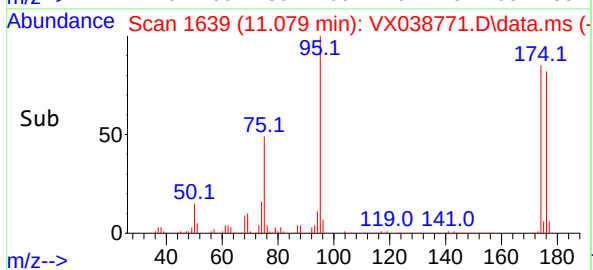
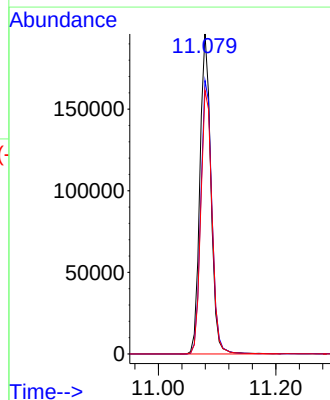
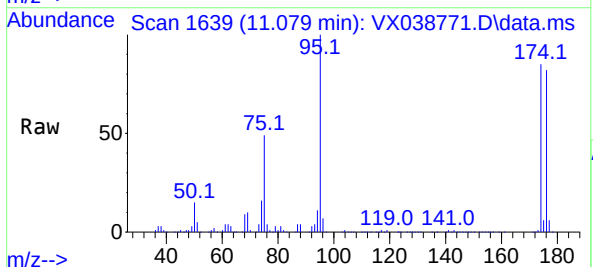
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBL01

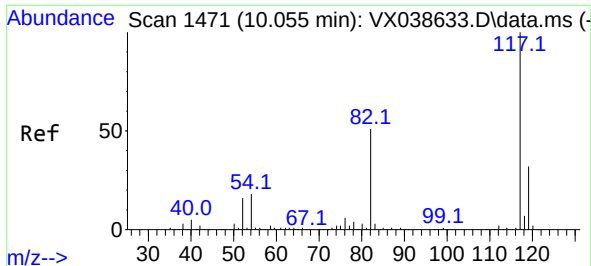
Tgt Ion: 98 Resp: 584346
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.845 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038771.D
Acq: 13 Nov 2023 11:15

Tgt Ion: 95 Resp: 253333
Ion Ratio Lower Upper
95 100
174 86.9 0.0 135.6
176 84.2 0.0 131.0

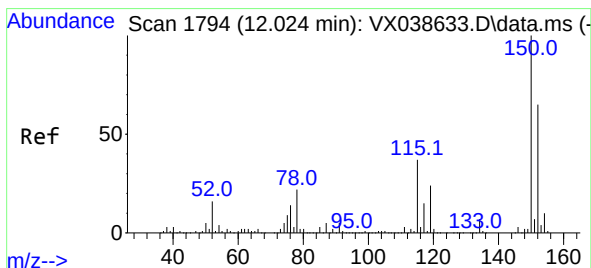
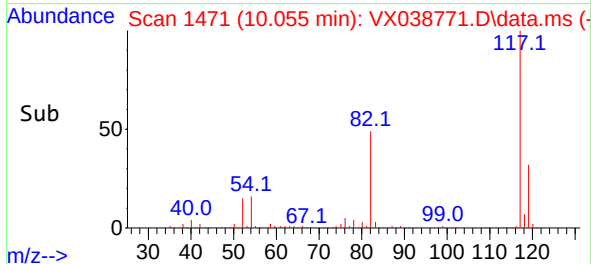
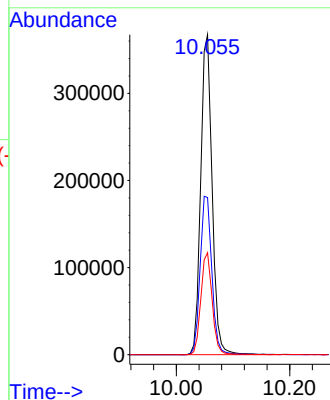
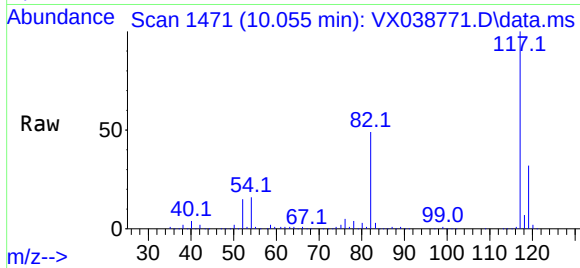




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038771.D
Acq: 13 Nov 2023 11:15

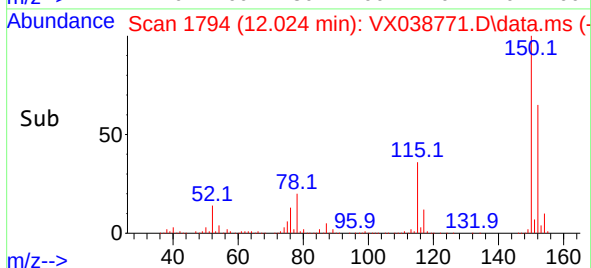
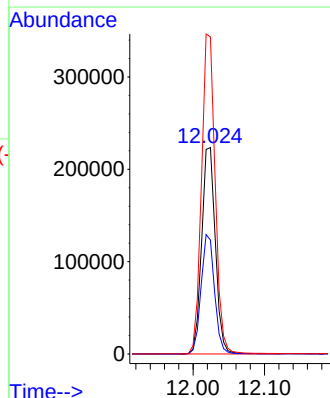
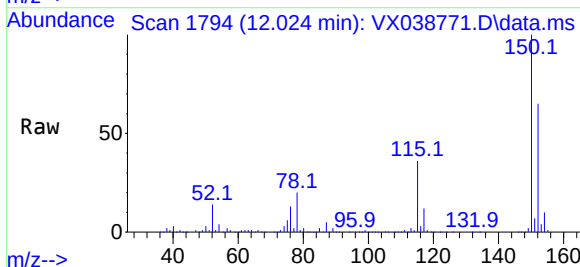
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBL01

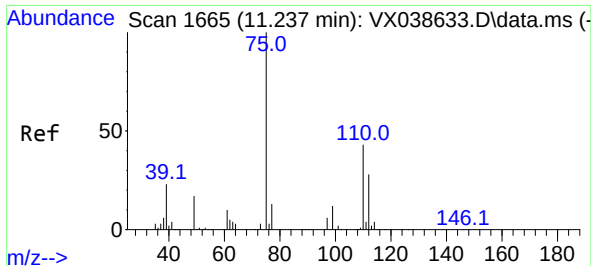
Tgt Ion:117 Resp: 513352
Ion Ratio Lower Upper
117 100
82 49.1 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038771.D
Acq: 13 Nov 2023 11:15

Tgt Ion:152 Resp: 298107
Ion Ratio Lower Upper
152 100
115 56.8 43.3 129.9
150 154.8 0.0 345.0

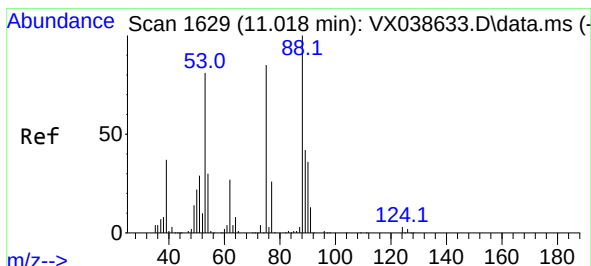
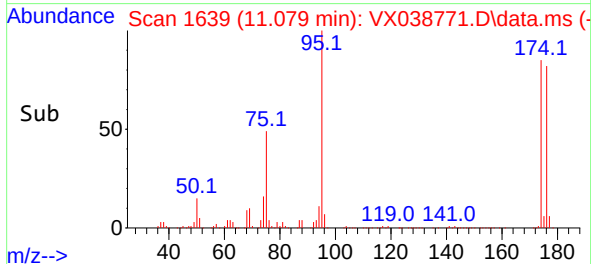
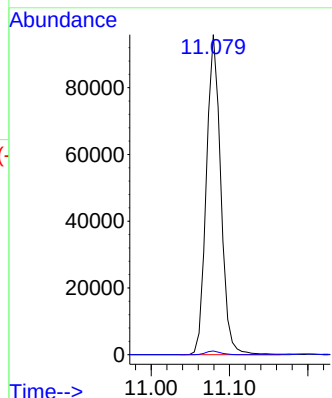
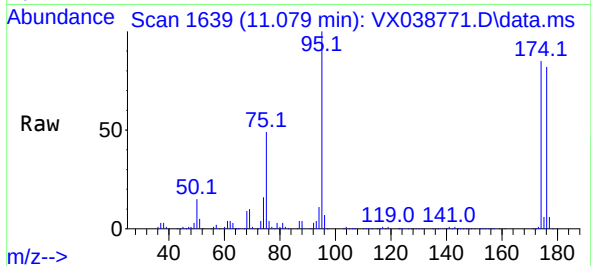




#76
1,2,3-Trichloropropane
Concen: 20.671 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038771.D
Acq: 13 Nov 2023 11:15

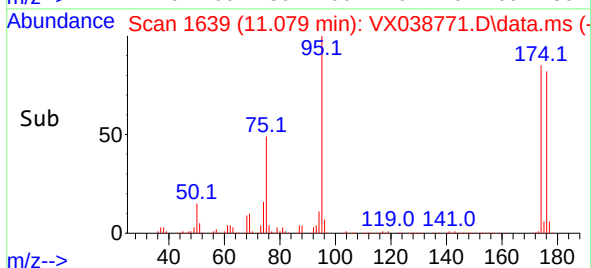
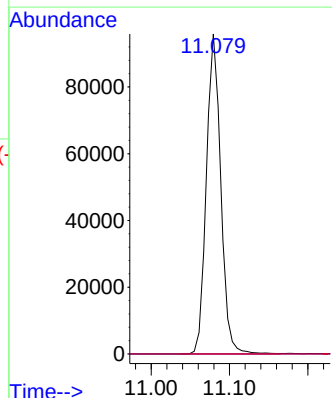
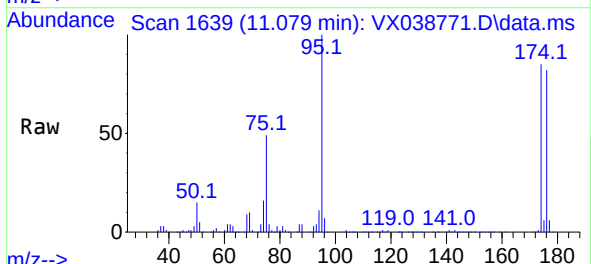
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBL01

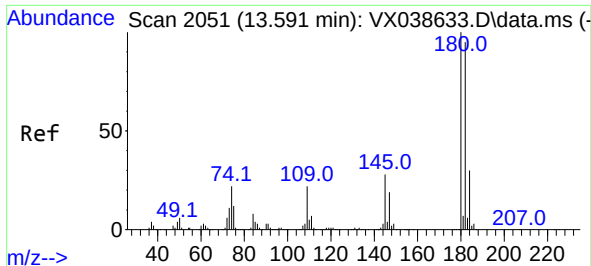
Tgt Ion: 75 Resp: 122042
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.946 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038771.D
Acq: 13 Nov 2023 11:15

Tgt Ion: 75 Resp: 122042
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

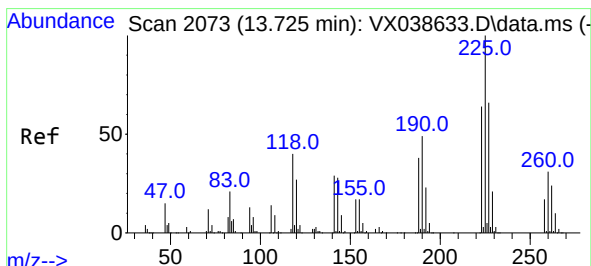
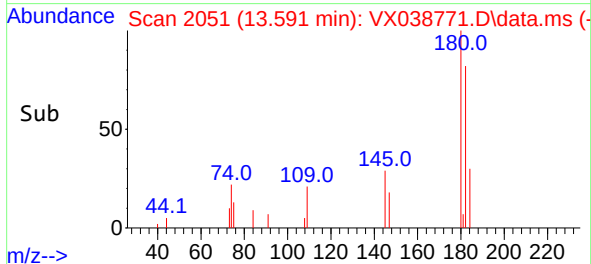
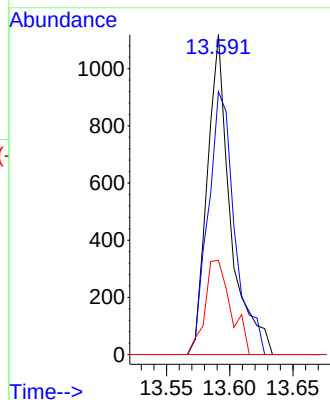
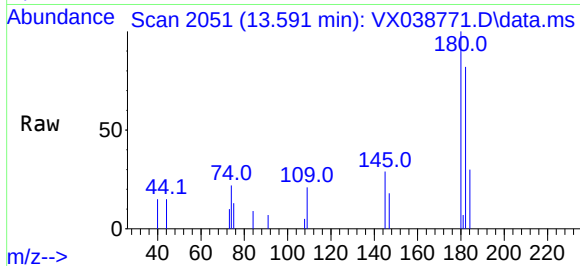




#93
1,2,4-Trichlorobenzene
Concen: 0.213 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX038771.D
Acq: 13 Nov 2023 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBL01

Tgt Ion:180	Resp:	1427
Ion	Ratio	Lower Upper
180	100	
182	94.2	48.3 144.8
145	32.9	18.0 54.0



#94
Hexachlorobutadiene
Concen: 0.215 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038771.D
Acq: 13 Nov 2023 11:15

Tgt Ion:225	Resp:	623
Ion	Ratio	Lower Upper
225	100	
223	61.6	31.1 93.2
227	61.3	32.5 97.5

