

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038682.D
 Acq On : 09 Nov 2023 15:51
 Operator : JC/MD
 Sample : 05241-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 10 03:40:56 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)

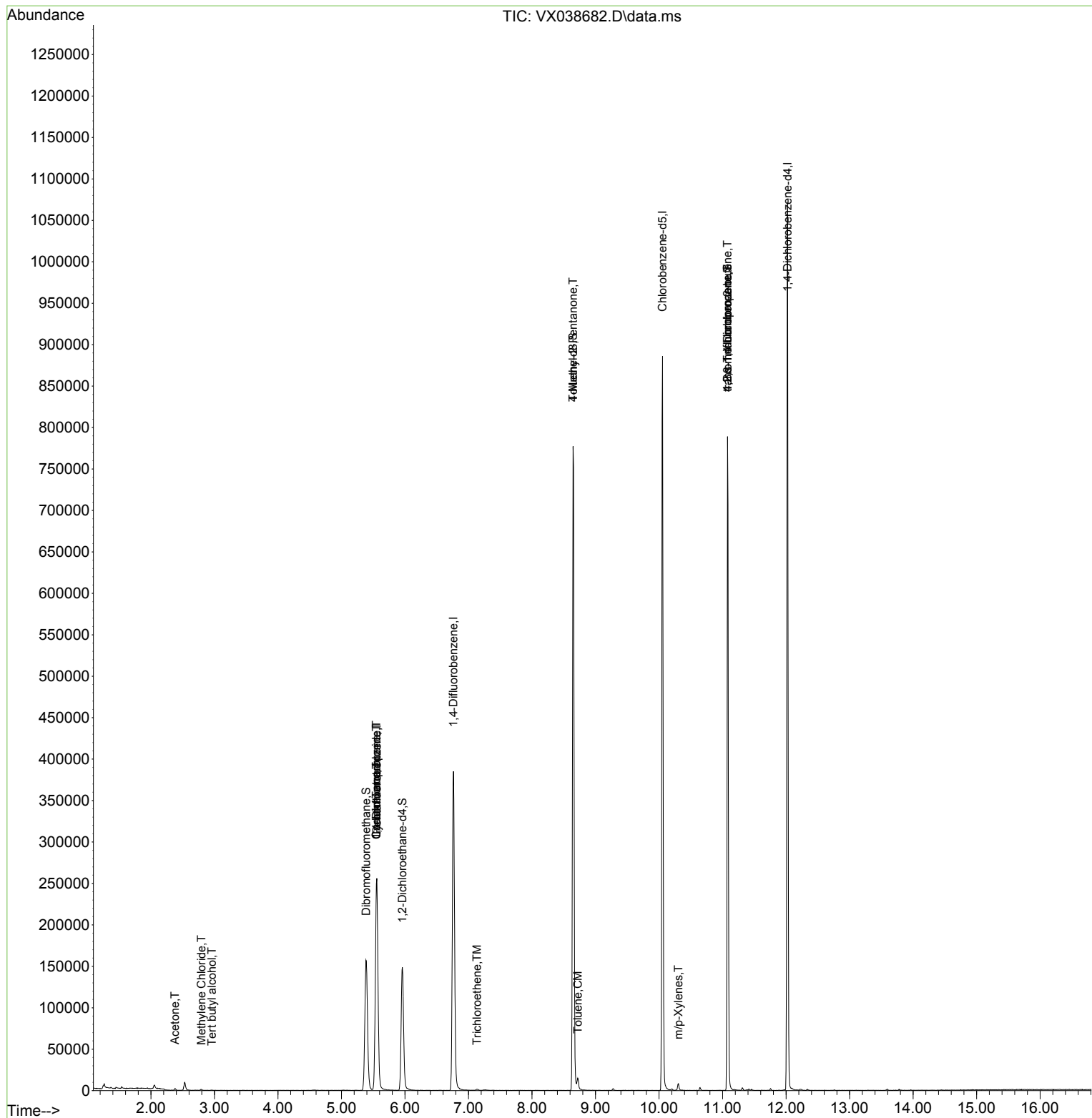
Internal Standards						
1) Pentafluorobenzene	5.556	168	263314	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	430674	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	444550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	248156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151335	46.165	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.320%		
35) Dibromofluoromethane	5.385	113	140680	45.354	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.700%		
50) Toluene-d8	8.647	98	509155	45.871	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.740%#		
62) 4-Bromofluorobenzene	11.079	95	213784	49.677	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.360%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	299	0.446	ug/l #	78
16) Acetone	2.380	43	2002	1.450	ug/l	94
20) Methylene Chloride	2.794	84	644	0.231	ug/l #	76
31) Cyclohexane	5.550	56	4321	1.191	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	17228	4.471	ug/l #	47
38) Carbon Tetrachloride	5.550	117	25483	5.916	ug/l #	15
44) Trichloroethene	7.135	130	748	0.217	ug/l	83
51) 4-Methyl-2-Pentanone	8.647	43	1826	0.463	ug/l #	1
52) Toluene	8.720	92	5001	0.688	ug/l	92
68) m/p-Xylenes	10.305	106	2186	0.360	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	103594	21.078	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	103594	64.045	ug/l #	5

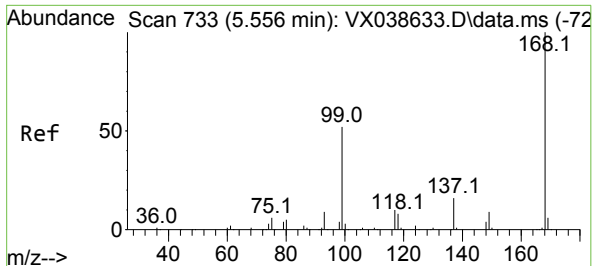
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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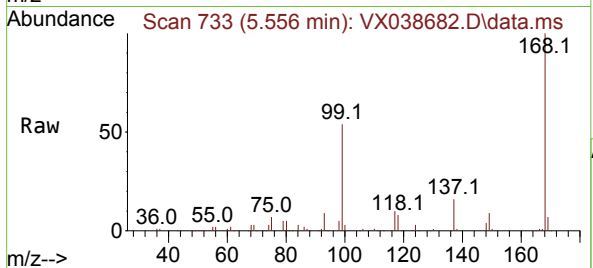
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration



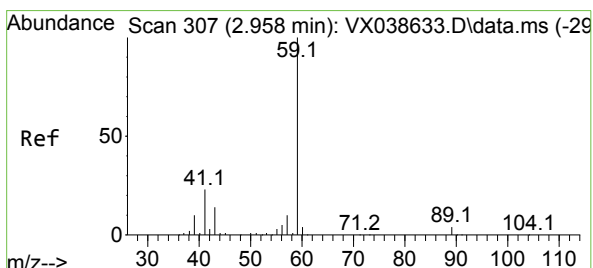
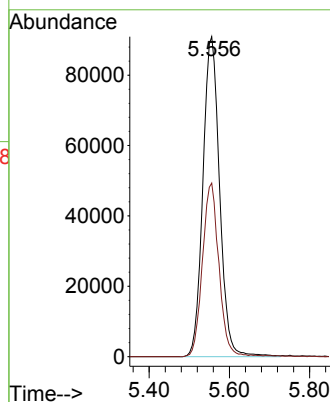
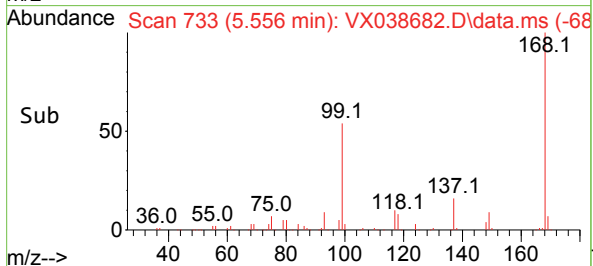


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX038682.D
Acq: 09 Nov 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :

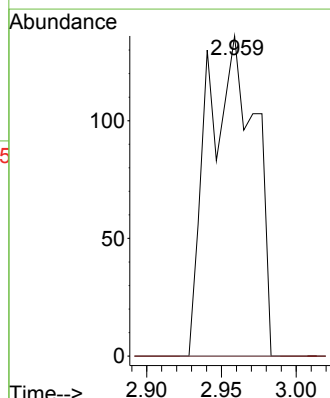
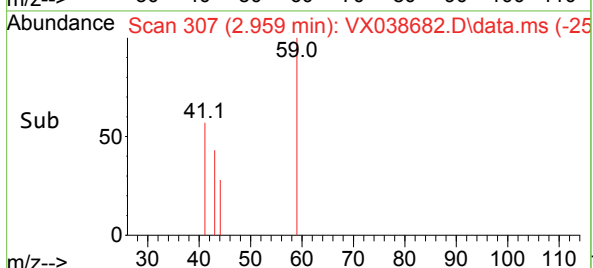
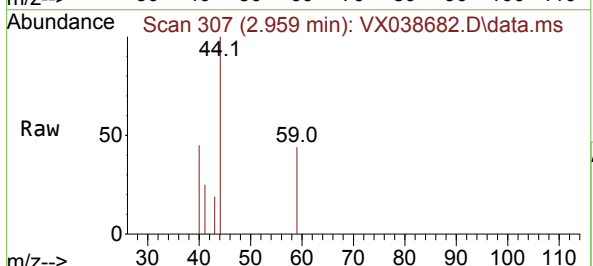


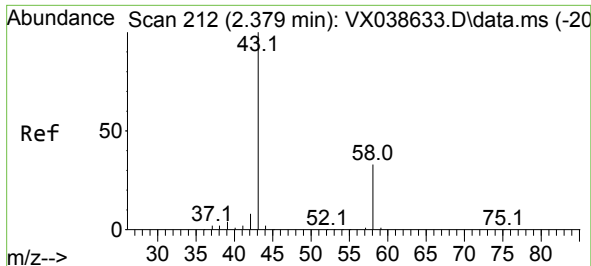
Tgt Ion:168 Resp: 263314
Ion Ratio Lower Upper
168 100
99 54.3 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.446 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX038682.D
Acq: 09 Nov 2023 15:51

Tgt Ion: 59 Resp: 299
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

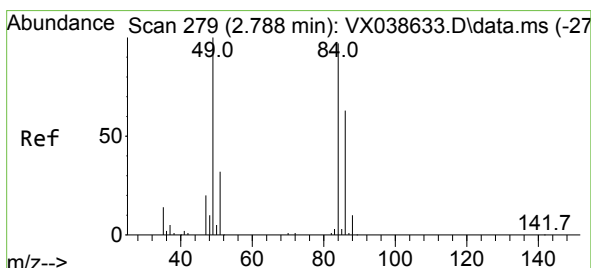
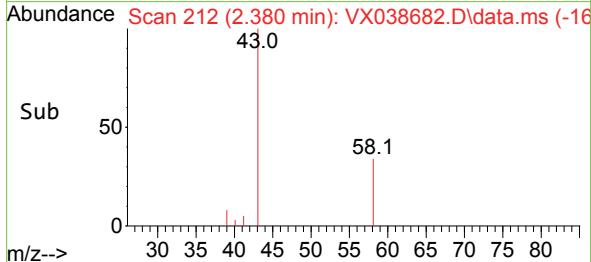
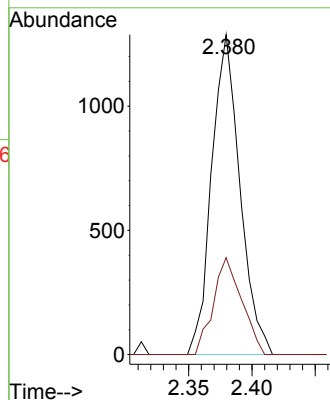
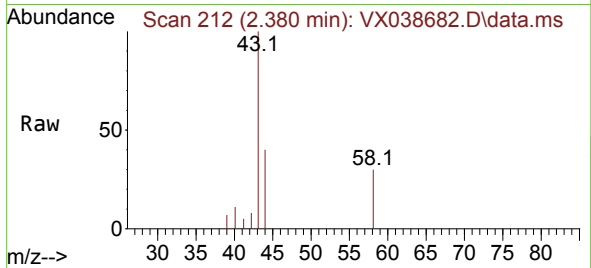




#16
Acetone
Concen: 1.450 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038682.D
Acq: 09 Nov 2023 15:51

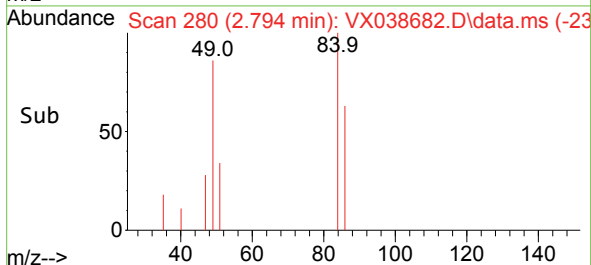
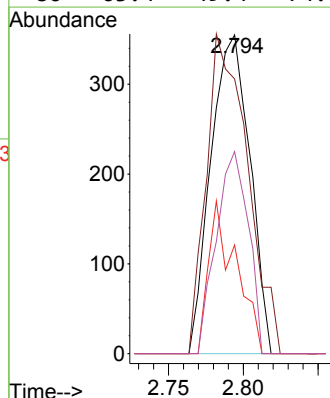
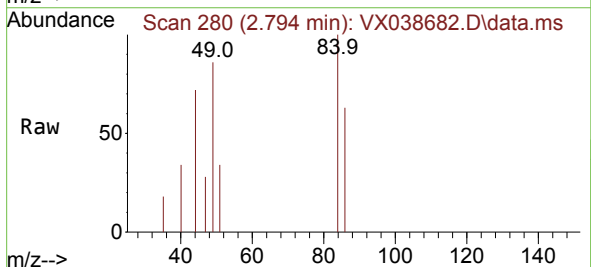
Instrument :
MSVOA_X
ClientSampleId :

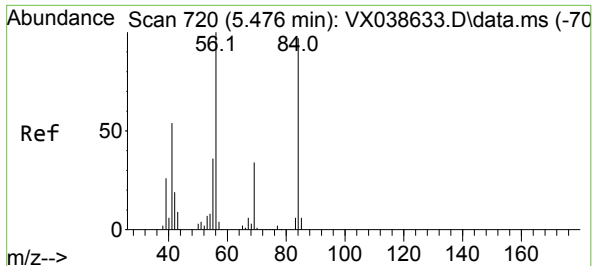
Tgt Ion: 43 Resp: 2002
Ion Ratio Lower Upper
43 100
58 30.3 21.9 32.9



#20
Methylene Chloride
Concen: 0.231 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038682.D
Acq: 09 Nov 2023 15:51

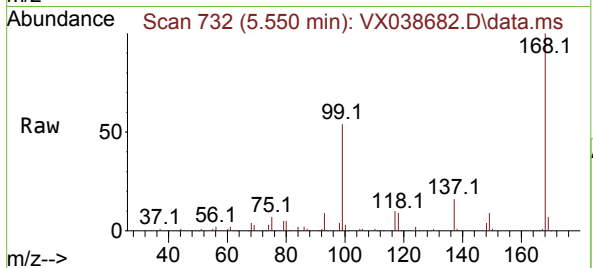
Tgt Ion: 84 Resp: 644
Ion Ratio Lower Upper
84 100
49 86.2 103.6 155.4#
51 34.1 33.8 50.6
86 63.4 49.4 74.0



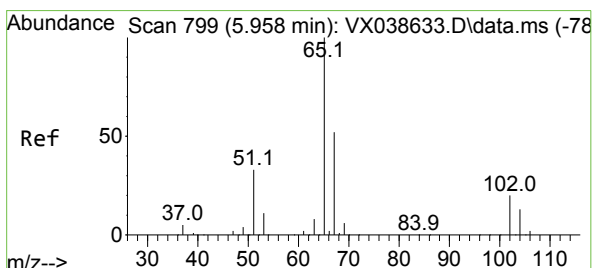
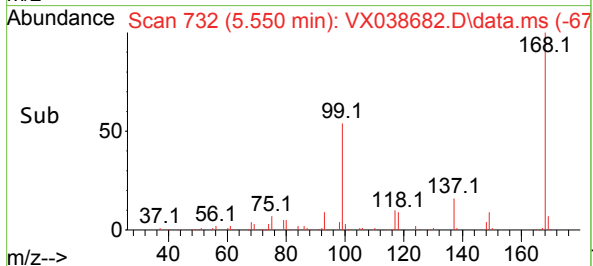
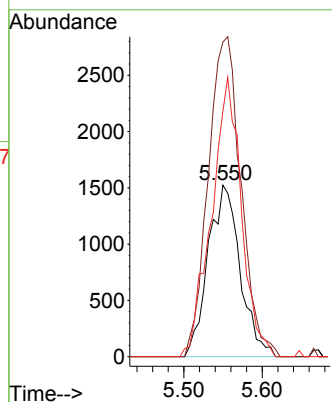


#31
Cyclohexane
Concen: 1.191 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.074 min
Lab File: VX038682.D
Acq: 09 Nov 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :

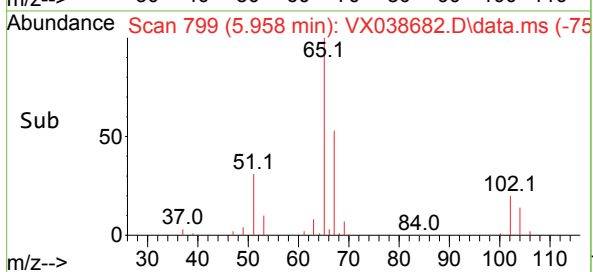
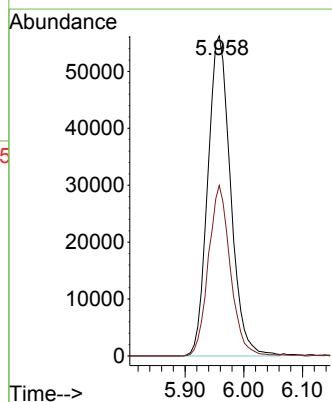
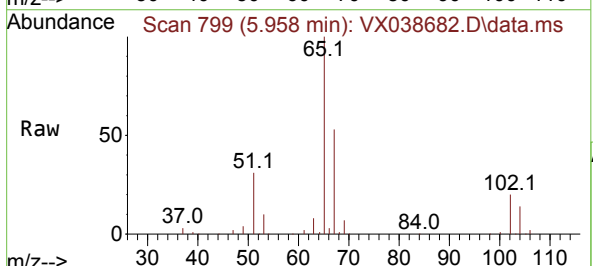


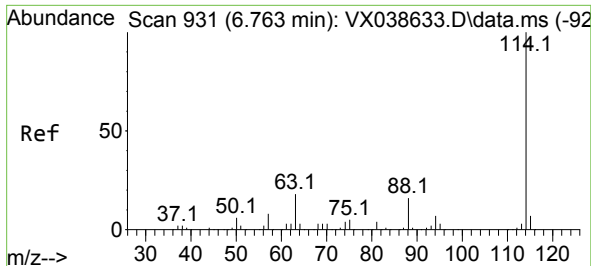
Tgt Ion: 56 Resp: 4321
Ion Ratio Lower Upper
56 100
69 183.4 23.4 35.2#
84 143.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.165 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038682.D
Acq: 09 Nov 2023 15:51

Tgt Ion: 65 Resp: 151335
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

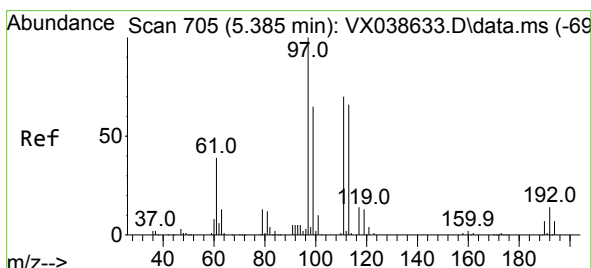
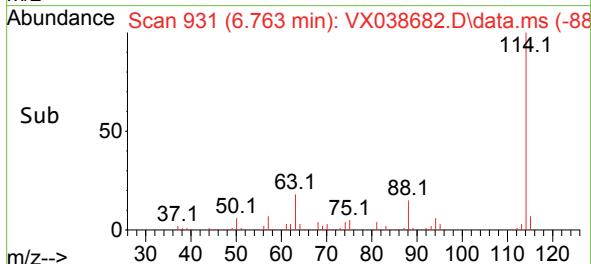
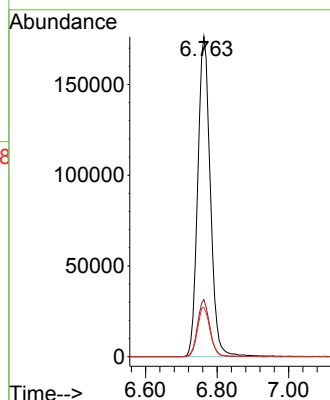
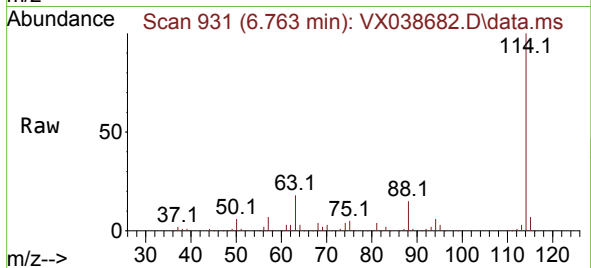




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038682.D
Acq: 09 Nov 2023 15:51

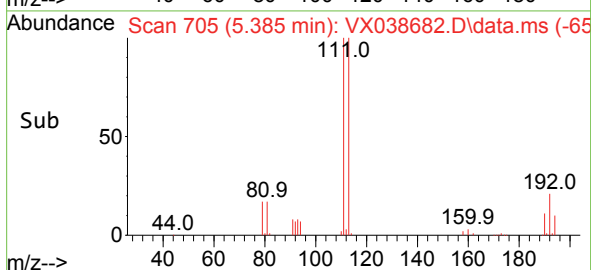
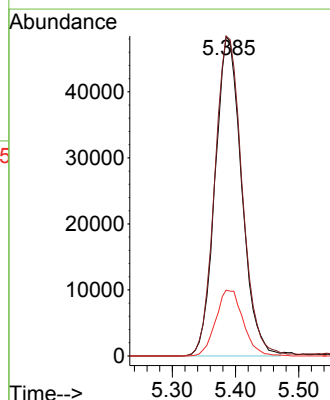
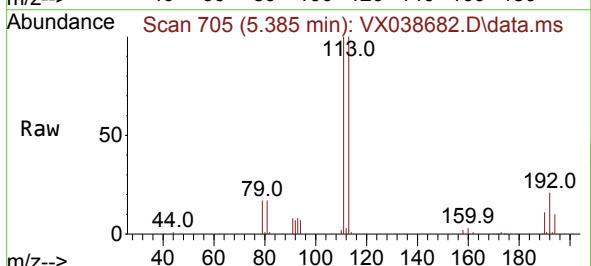
Instrument :
MSVOA_X
ClientSampleId :

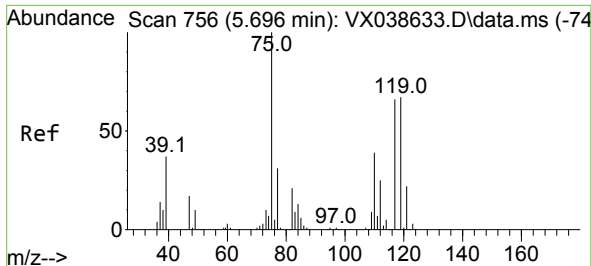
Tgt Ion:114 Resp: 430674
Ion Ratio Lower Upper
114 100
63 17.9 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.354 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038682.D
Acq: 09 Nov 2023 15:51

Tgt Ion:113 Resp: 140680
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 21.3 13.3 19.9#

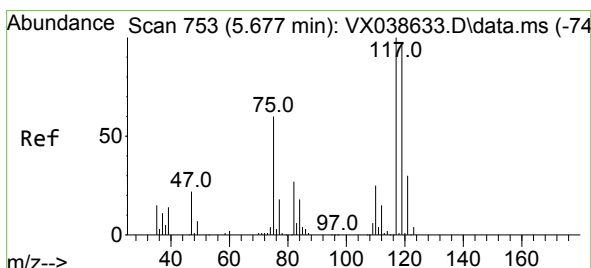
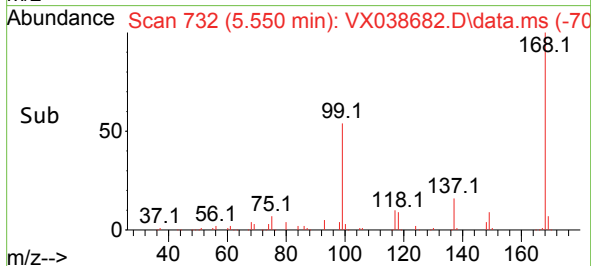
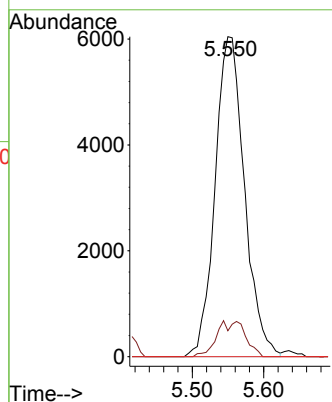
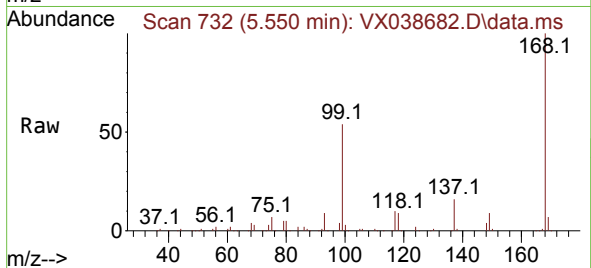




#36
1,1-Dichloropropene
Concen: 4.471 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX038682.D
Acq: 09 Nov 2023 15:51

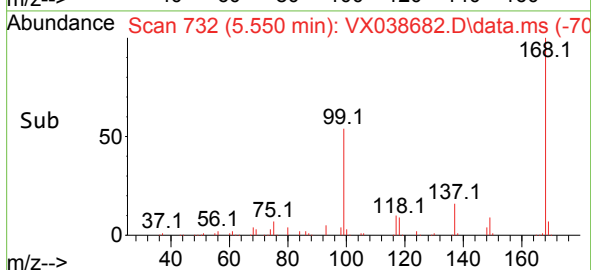
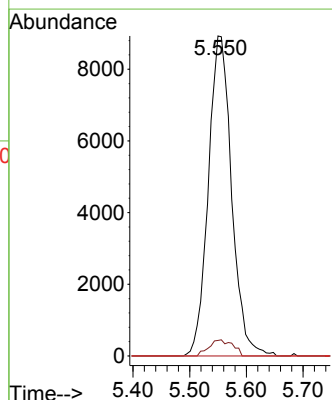
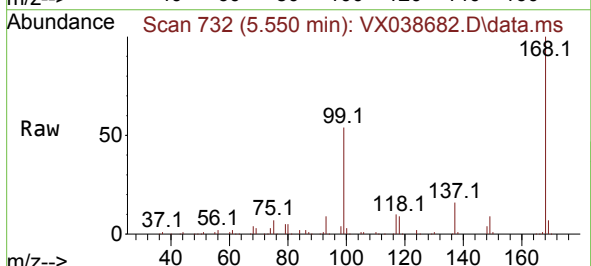
Instrument :
MSVOA_X
ClientSampleId :

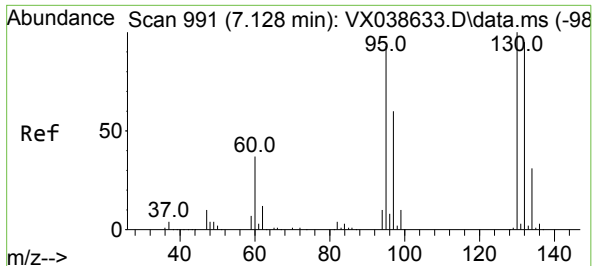
Tgt Ion: 75 Resp: 17228
Ion Ratio Lower Upper
75 100
110 5.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.916 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038682.D
Acq: 09 Nov 2023 15:51

Tgt Ion: 117 Resp: 25483
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#

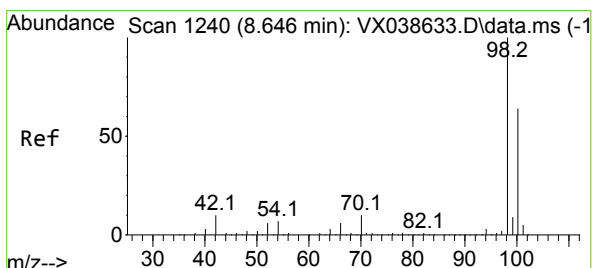
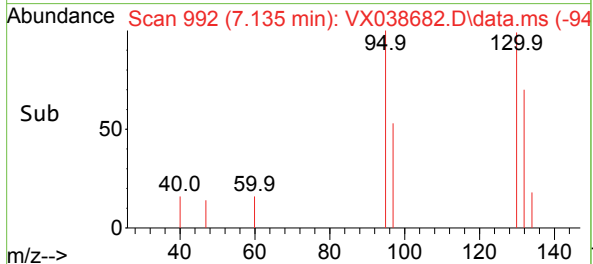
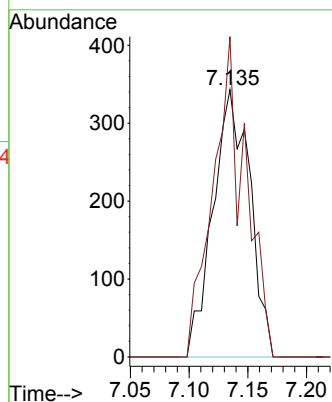
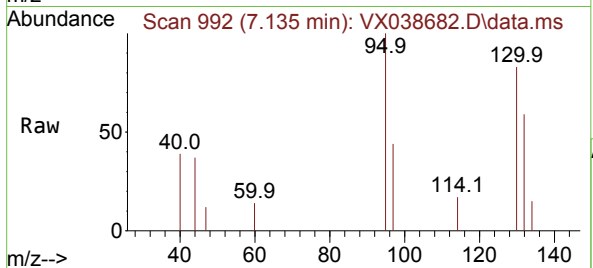




#44
Trichloroethene
Concen: 0.217 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038682.D
Acq: 09 Nov 2023 15:51

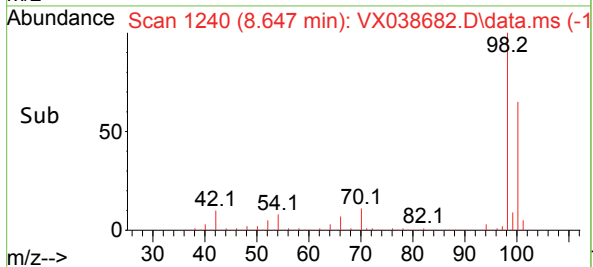
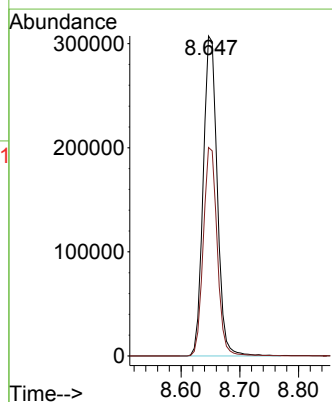
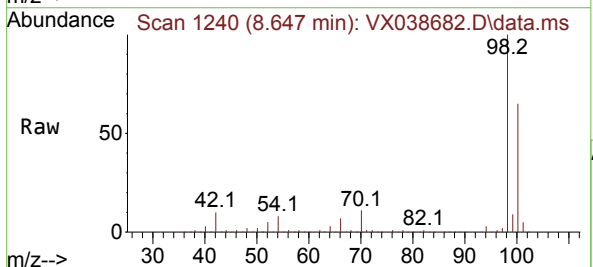
Instrument :
MSVOA_X
ClientSampleId :

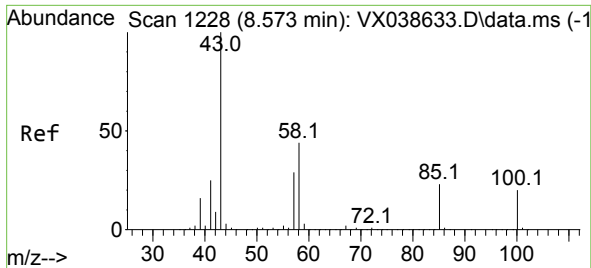
Tgt Ion:130 Resp: 748
Ion Ratio Lower Upper
130 100
95 119.8 0.0 204.4



#50
Toluene-d8
Concen: 45.871 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038682.D
Acq: 09 Nov 2023 15:51

Tgt Ion: 98 Resp: 509155
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7

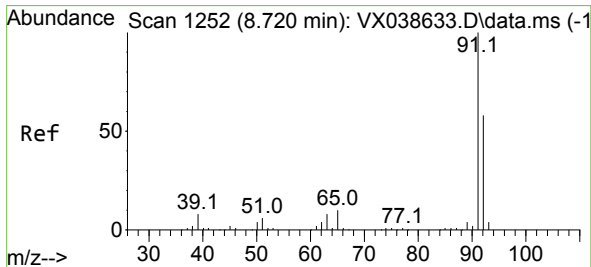
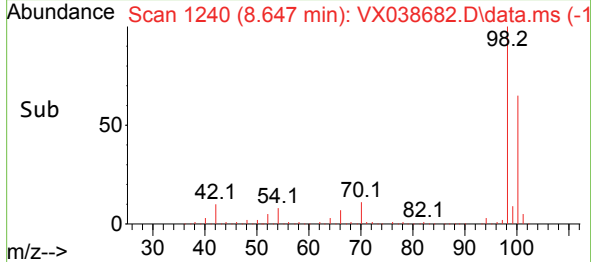
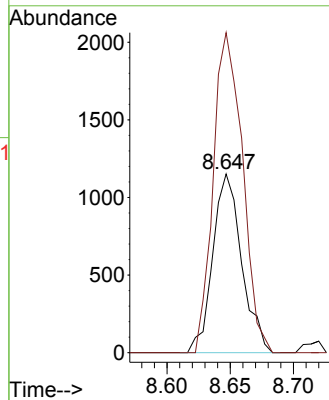
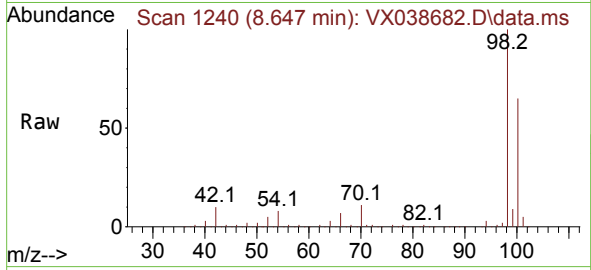




#51
4-Methyl-2-Pentanone
Concen: 0.463 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038682.D
Acq: 09 Nov 2023 15:51

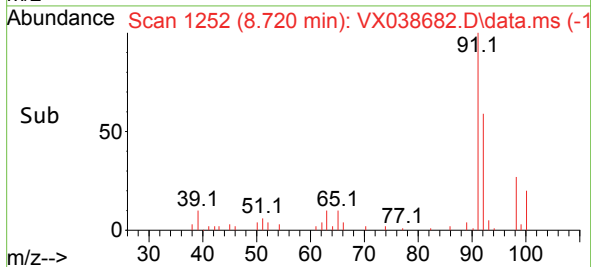
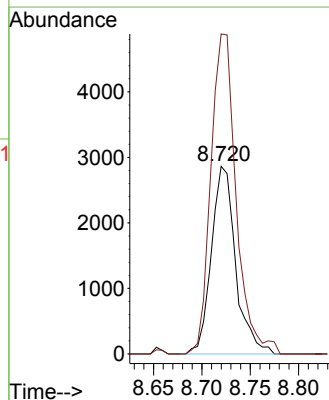
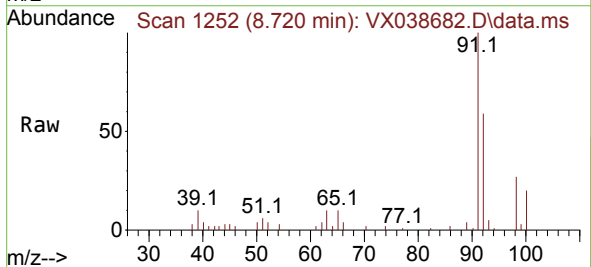
Instrument :
MSVOA_X
ClientSampleId :

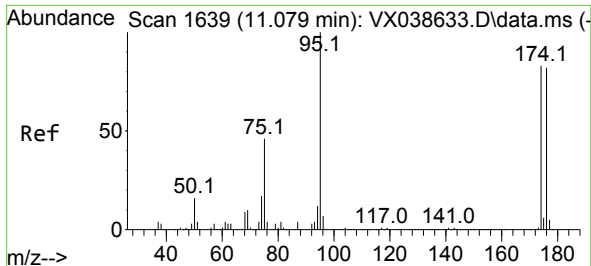
Tgt Ion: 43 Resp: 1826
Ion Ratio Lower Upper
43 100
58 181.7 30.4 45.6#



#52
Toluene
Concen: 0.688 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038682.D
Acq: 09 Nov 2023 15:51

Tgt Ion: 92 Resp: 5001
Ion Ratio Lower Upper
92 100
91 177.9 134.2 201.2

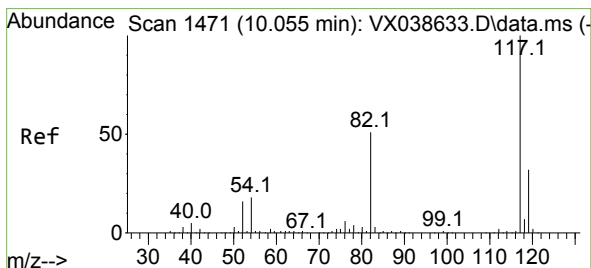
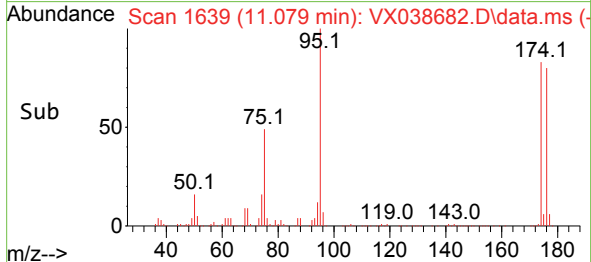
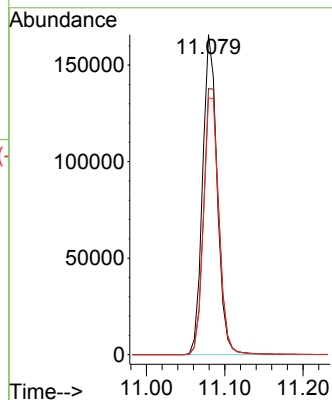
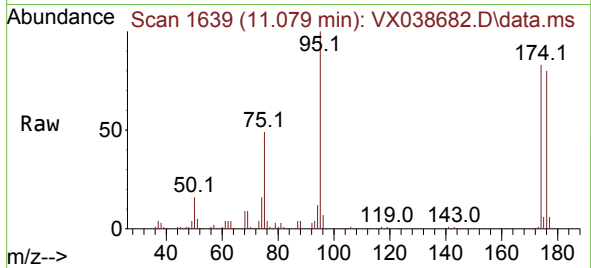




#62
4-Bromofluorobenzene
Concen: 49.677 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038682.D
Acq: 09 Nov 2023 15:51

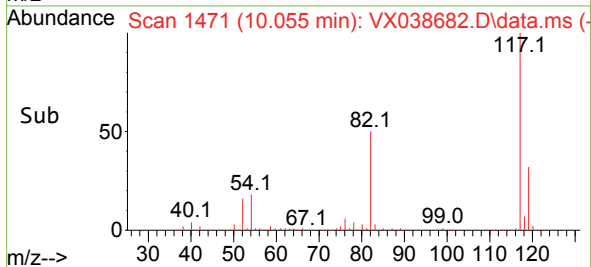
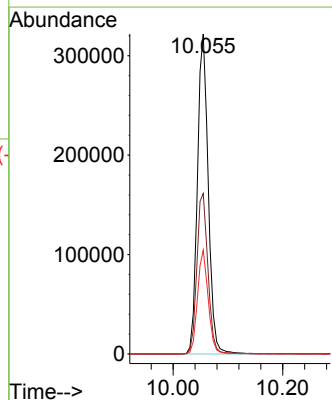
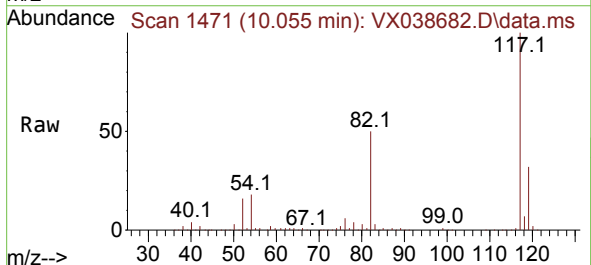
Instrument :
MSVOA_X
ClientSampleId :

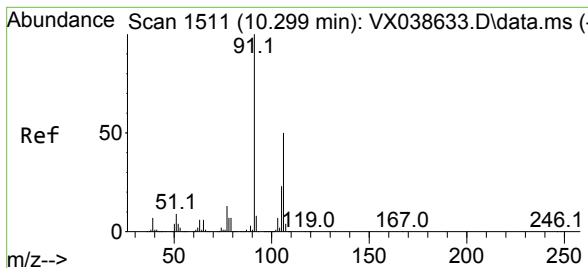
Tgt Ion: 95 Resp: 213784
Ion Ratio Lower Upper
95 100
174 87.8 0.0 135.6
176 84.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038682.D
Acq: 09 Nov 2023 15:51

Tgt Ion: 117 Resp: 444550
Ion Ratio Lower Upper
117 100
82 50.2 46.2 69.4
119 32.4 25.5 38.3

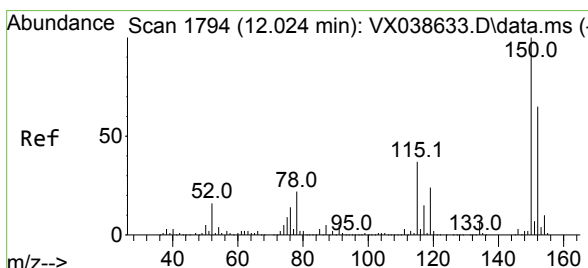
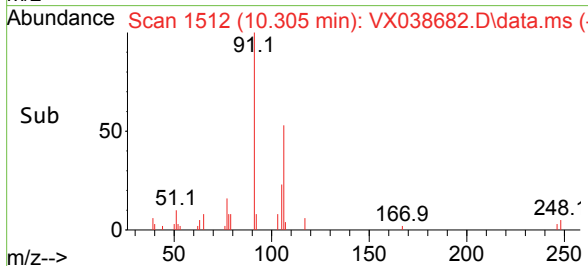
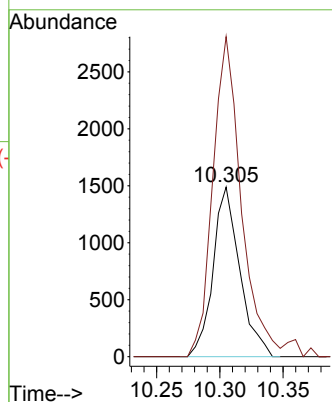
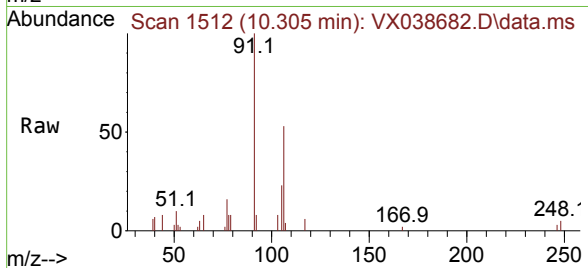




#68
m/p-Xylenes
Concen: 0.360 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX038682.D
Acq: 09 Nov 2023 15:51

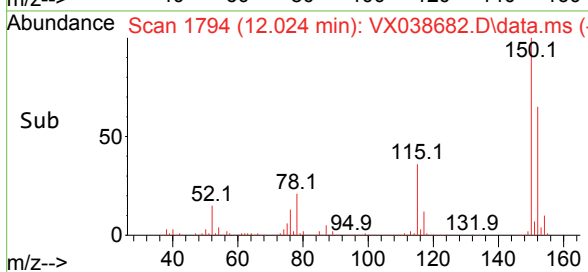
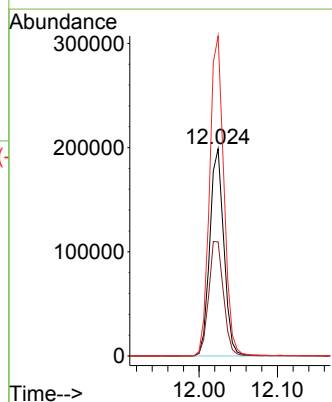
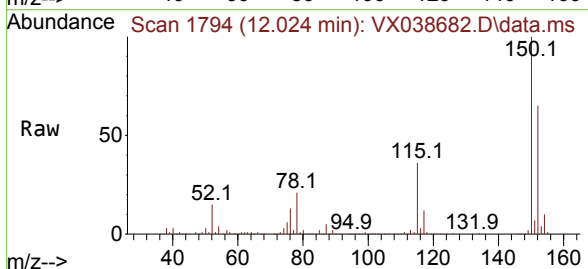
Instrument :
MSVOA_X
ClientSampleId :

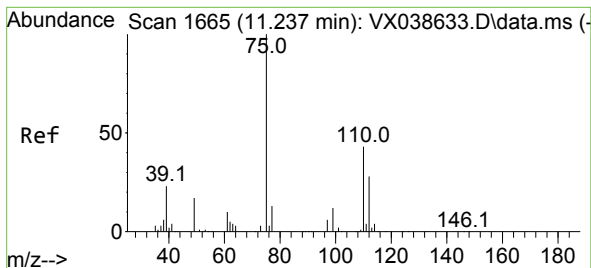
Tgt Ion:106 Resp: 2186
Ion Ratio Lower Upper
106 100
91 199.9 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038682.D
Acq: 09 Nov 2023 15:51

Tgt Ion:152 Resp: 248156
Ion Ratio Lower Upper
152 100
115 58.1 43.3 129.9
150 156.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.078 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

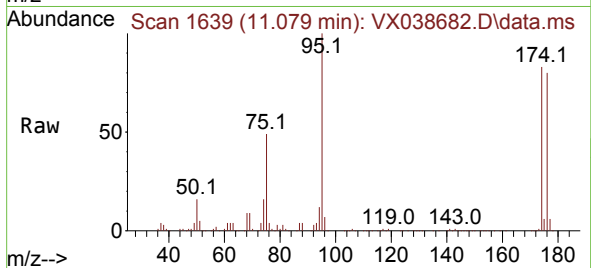
Lab File: VX038682.D

Acq: 09 Nov 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

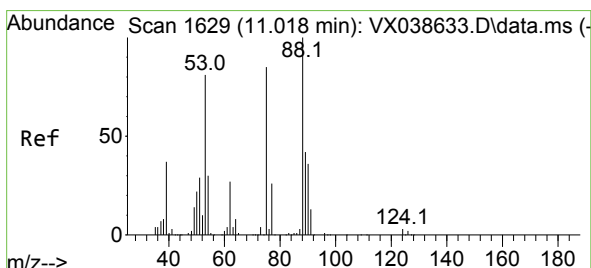
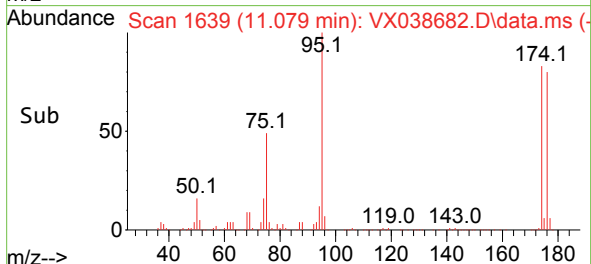
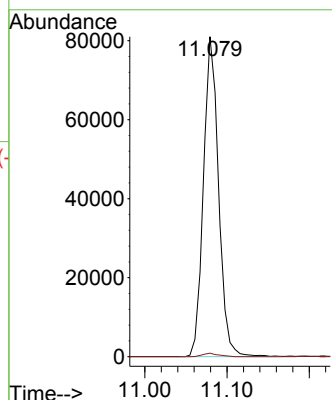


Tgt Ion: 75 Resp: 103594

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.045 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038682.D

Acq: 09 Nov 2023 15:51

Tgt Ion: 75 Resp: 103594

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

