

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038683.D
 Acq On : 09 Nov 2023 16:14
 Operator : JC/MD
 Sample : 05241-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 10 03:41:18 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)

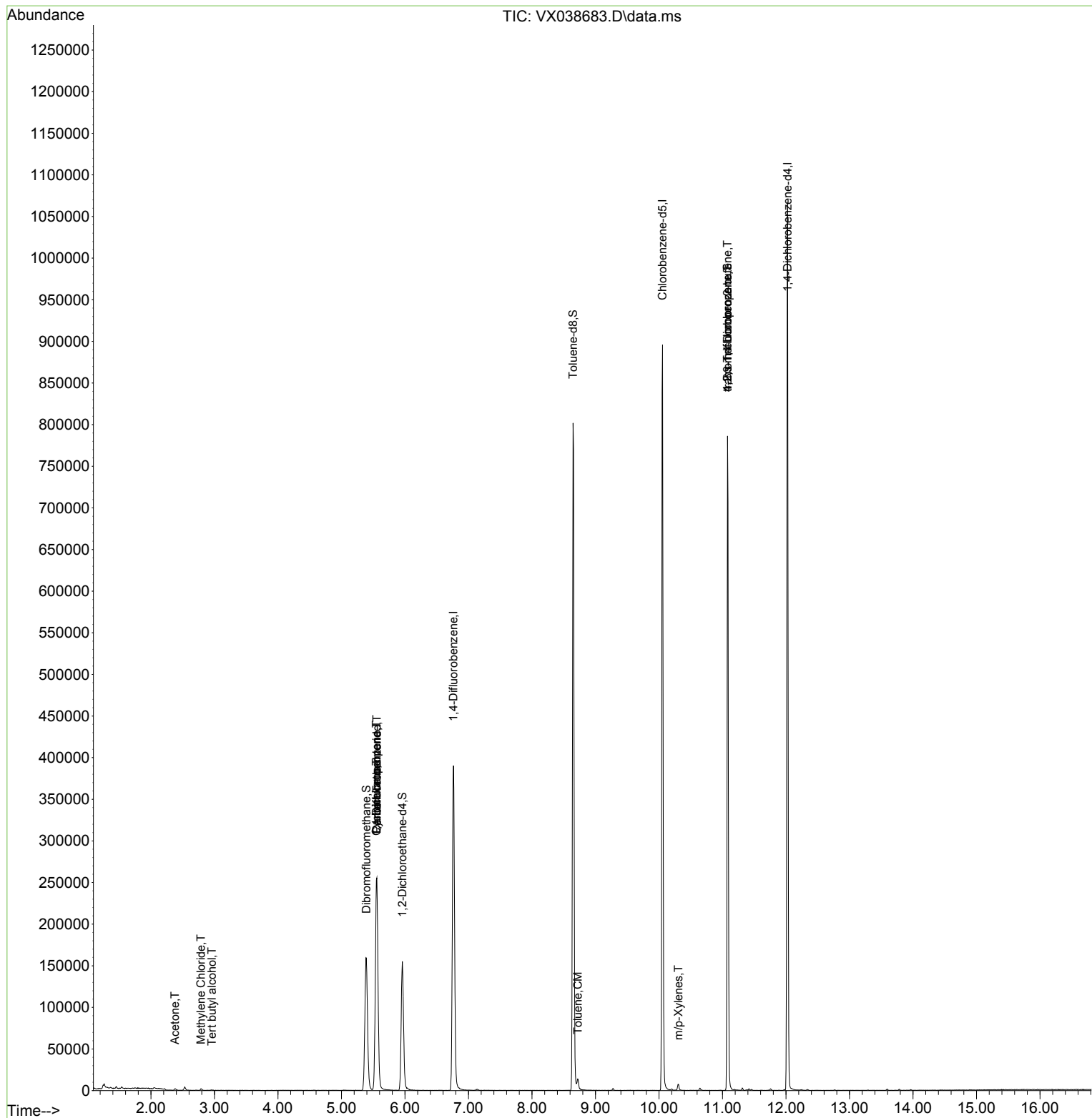
Internal Standards						
1) Pentafluorobenzene	5.556	168	266472	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	434718	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	443562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	252694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151483	45.662	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.320%		
35) Dibromofluoromethane	5.391	113	143575	45.856	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.720%		
50) Toluene-d8	8.647	98	517408	46.181	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.360%		
62) 4-Bromofluorobenzene	11.079	95	217904	50.164	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.320%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	626	0.923	ug/l	# 78
16) Acetone	2.380	43	2284	1.635	ug/l	97
20) Methylene Chloride	2.788	84	971	0.345	ug/l	# 80
31) Cyclohexane	5.550	56	4309	1.174	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	17621	4.531	ug/l	# 52
38) Carbon Tetrachloride	5.556	117	25326	5.825	ug/l	# 16
52) Toluene	8.720	92	4660	0.635	ug/l	92
68) m/p-Xylenes	10.305	106	2066	0.341	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	104674	20.916	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	104674	63.606	ug/l	# 5

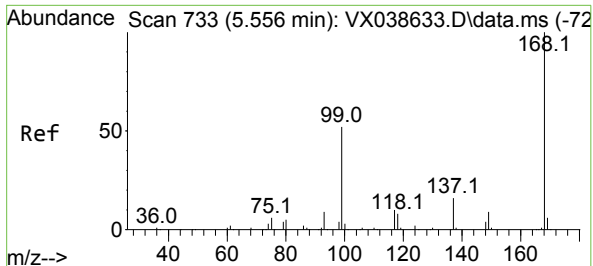
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
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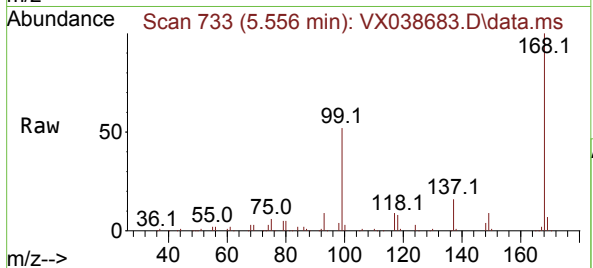
Quant Time: Nov 10 03:41:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration



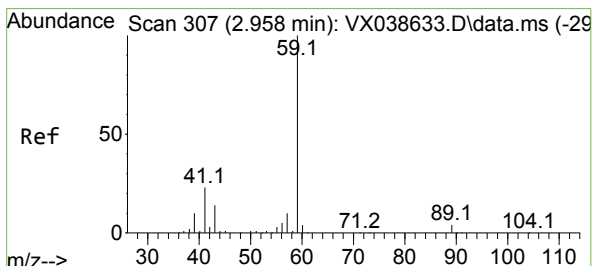
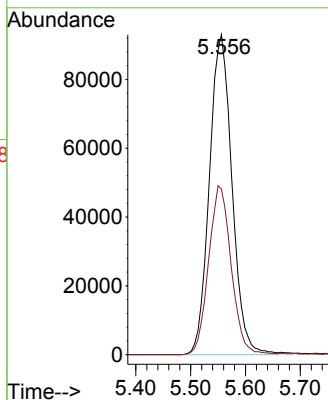
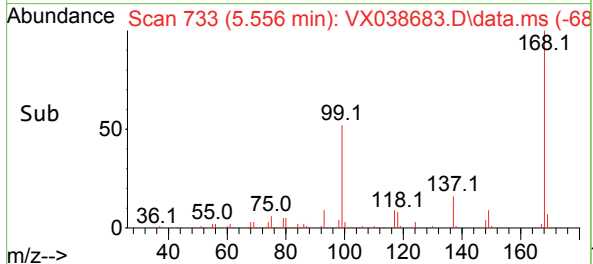


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038683.D
Acq: 09 Nov 2023 16:14

Instrument :
MSVOA_X
ClientSampleId :

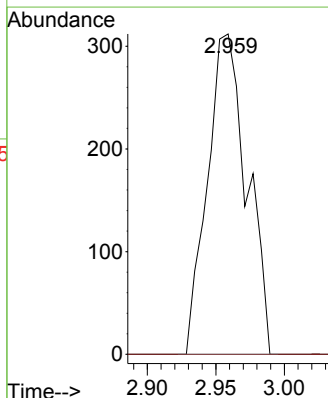
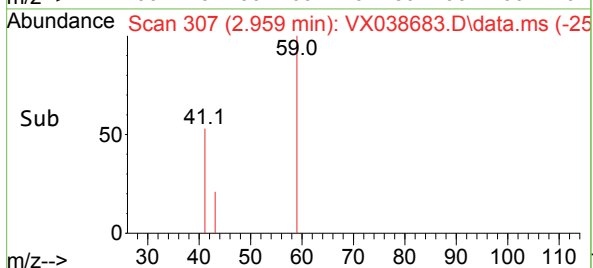
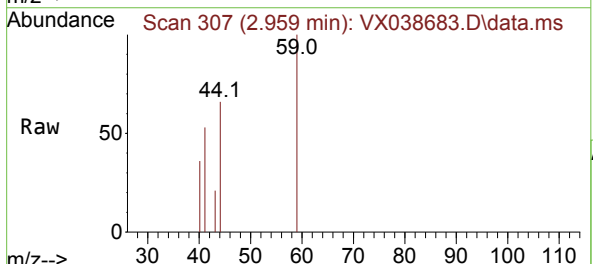


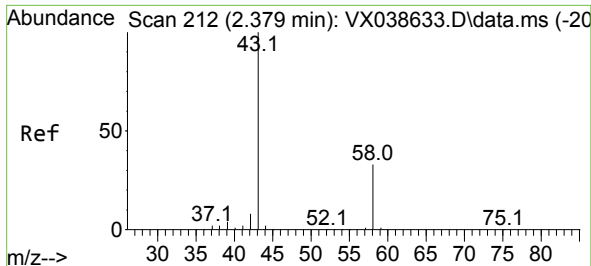
Tgt Ion:168 Resp: 266472
Ion Ratio Lower Upper
168 100
99 51.7 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.923 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX038683.D
Acq: 09 Nov 2023 16:14

Tgt Ion: 59 Resp: 626
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

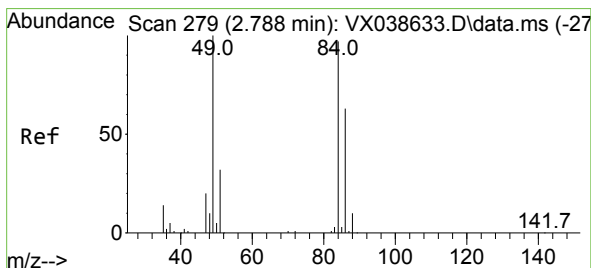
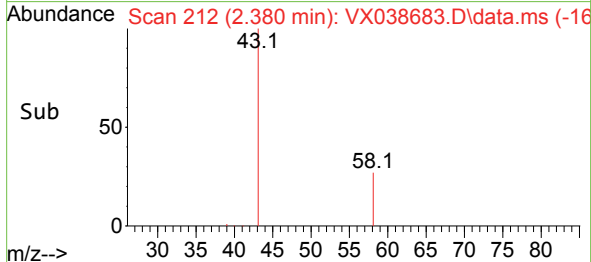
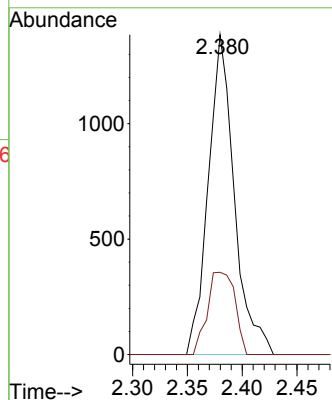
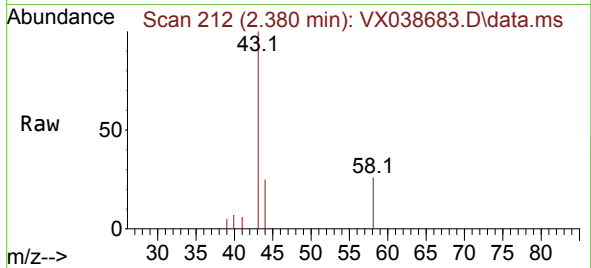




#16
Acetone
Concen: 1.635 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038683.D
Acq: 09 Nov 2023 16:14

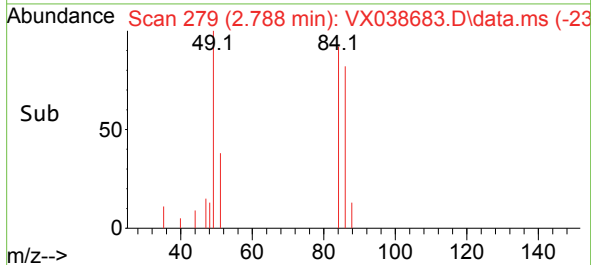
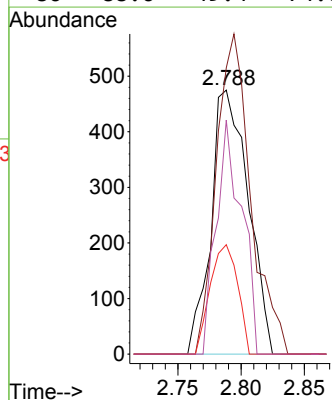
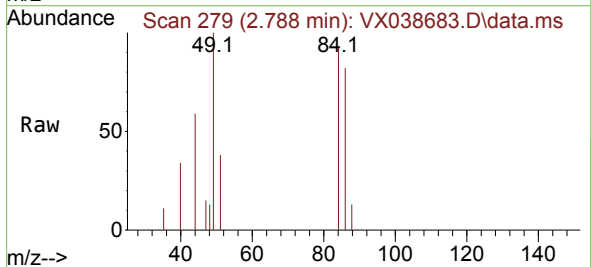
Instrument :
MSVOA_X
ClientSampleId :

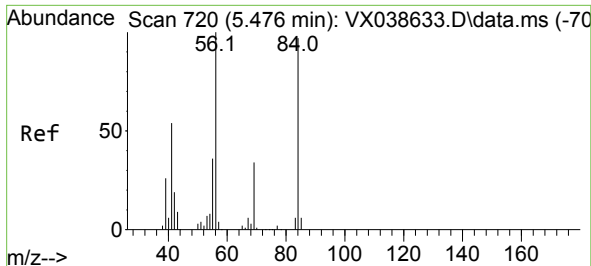
Tgt Ion: 43 Resp: 2284
Ion Ratio Lower Upper
43 100
58 25.7 21.9 32.9



#20
Methylene Chloride
Concen: 0.345 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038683.D
Acq: 09 Nov 2023 16:14

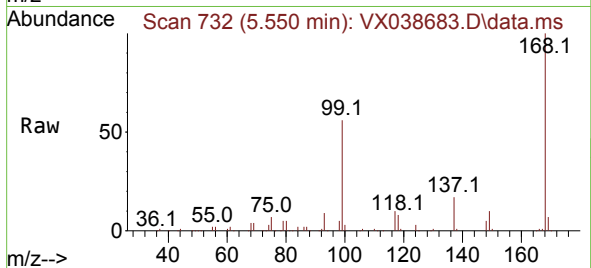
Tgt Ion: 84 Resp: 971
Ion Ratio Lower Upper
84 100
49 108.4 103.6 155.4
51 41.5 33.8 50.6
86 88.6 49.4 74.0#



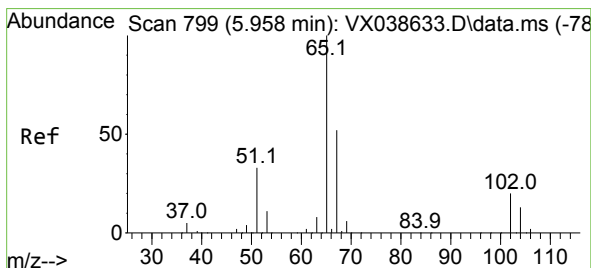
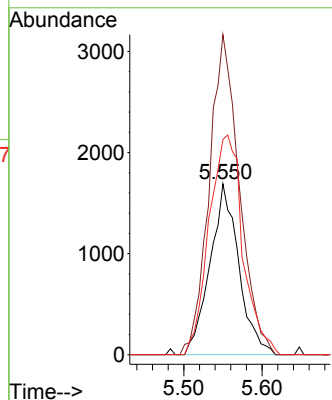
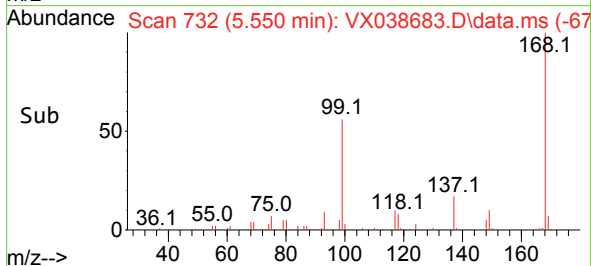


#31
Cyclohexane
Concen: 1.174 ug/l
RT: 5.550 min Scan# 712
Delta R.T. 0.074 min
Lab File: VX038683.D
Acq: 09 Nov 2023 16:14

Instrument :
MSVOA_X
ClientSampleId :

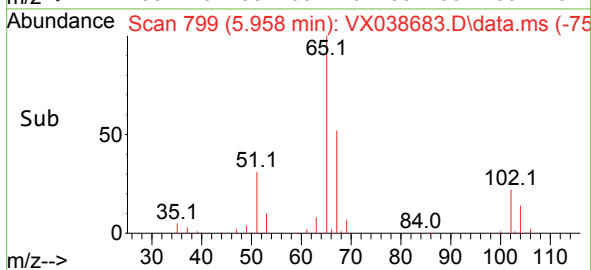
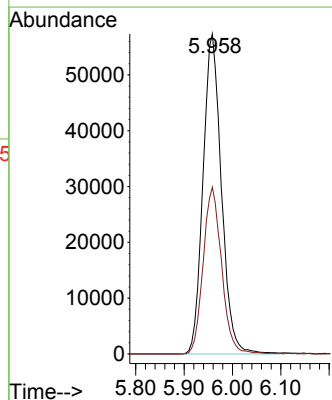
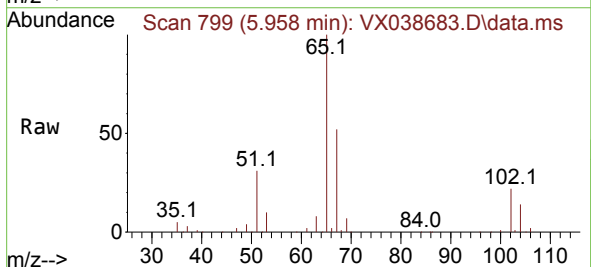


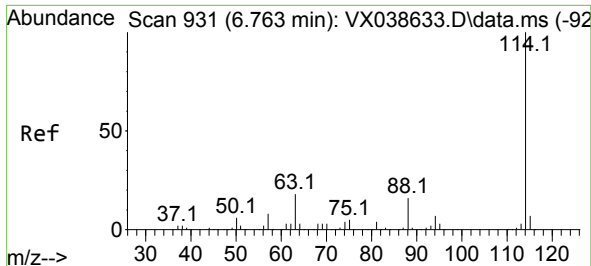
Tgt Ion: 56 Resp: 4309
Ion Ratio Lower Upper
56 100
69 187.2 23.4 35.2#
84 125.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.662 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038683.D
Acq: 09 Nov 2023 16:14

Tgt Ion: 65 Resp: 151483
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

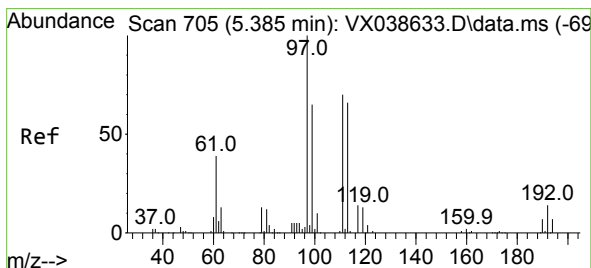
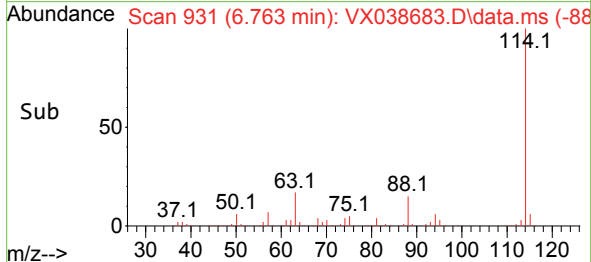
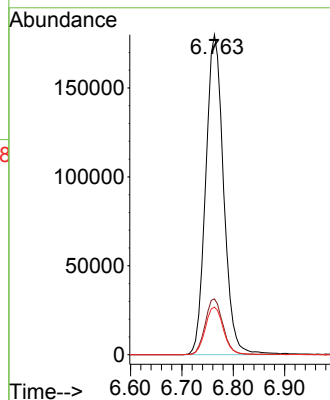
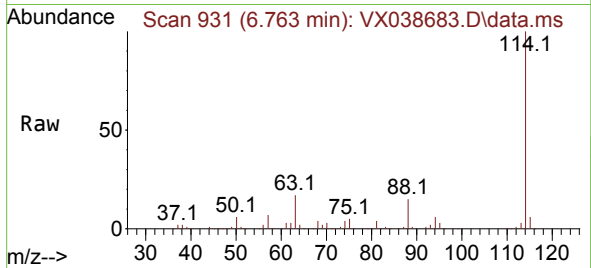




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038683.D
Acq: 09 Nov 2023 16:14

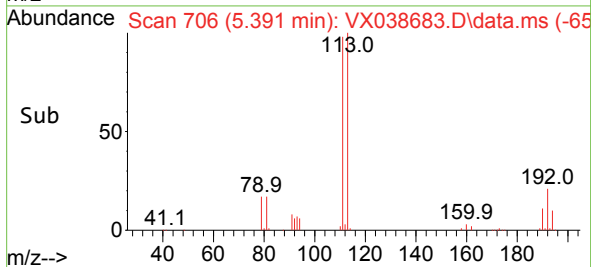
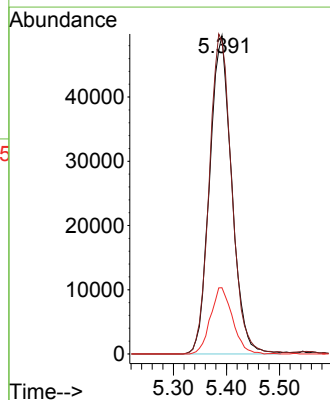
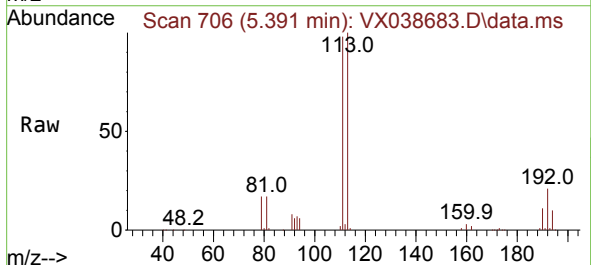
Instrument :
MSVOA_X
ClientSampleId :

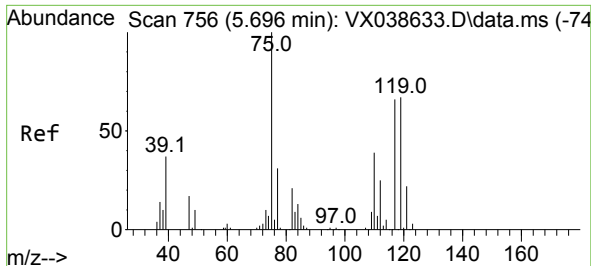
Tgt Ion:114 Resp: 434718
Ion Ratio Lower Upper
114 100
63 17.5 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.856 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.007 min
Lab File: VX038683.D
Acq: 09 Nov 2023 16:14

Tgt Ion:113 Resp: 143575
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 20.7 13.3 19.9#

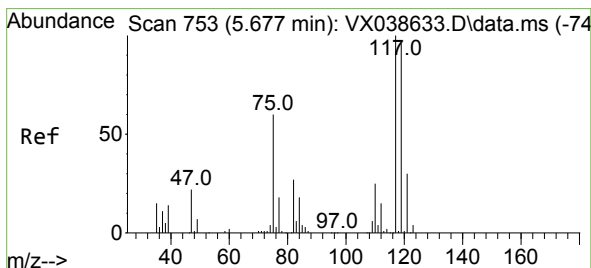
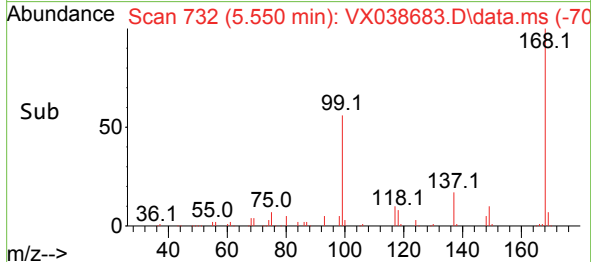
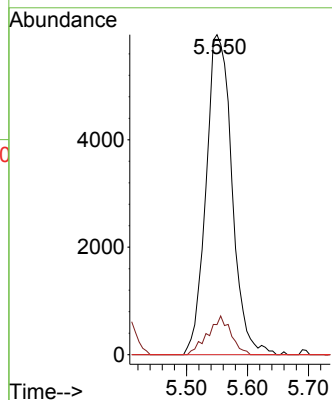
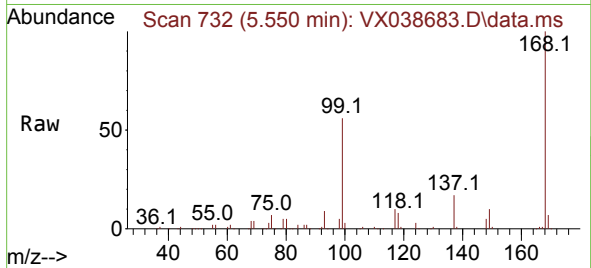




#36
1,1-Dichloropropene
Concen: 4.531 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX038683.D
Acq: 09 Nov 2023 16:14

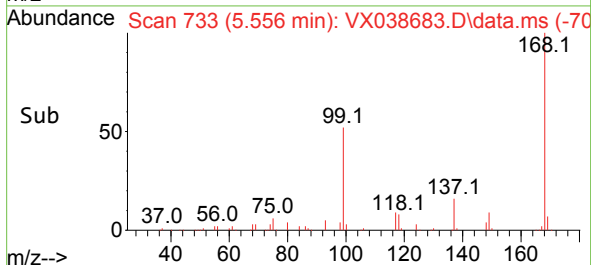
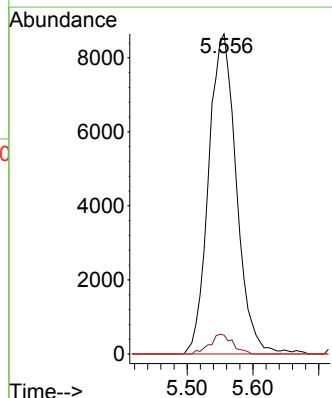
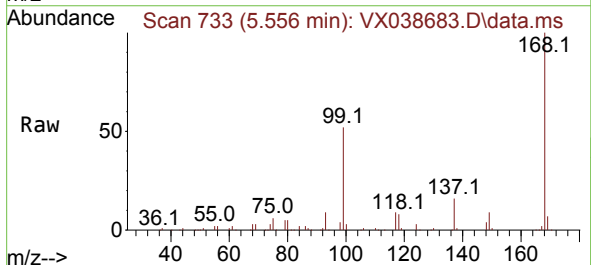
Instrument :
MSVOA_X
ClientSampleId :

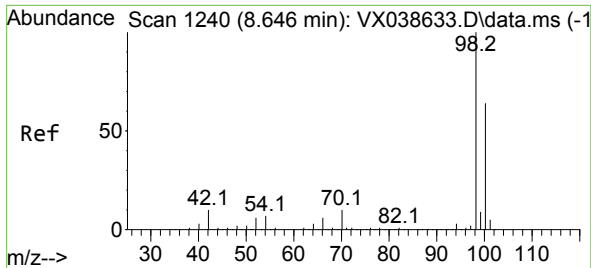
Tgt Ion: 75 Resp: 17621
Ion Ratio Lower Upper
75 100
110 10.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.825 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX038683.D
Acq: 09 Nov 2023 16:14

Tgt Ion: 117 Resp: 25326
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#

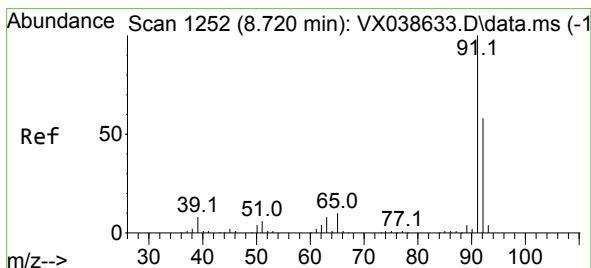
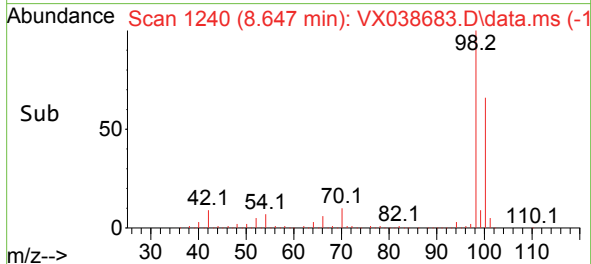
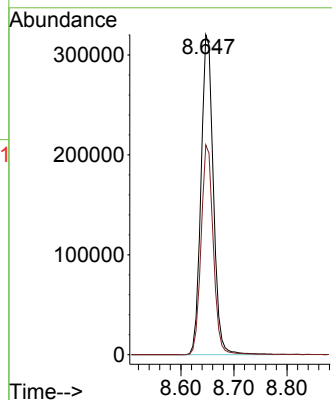
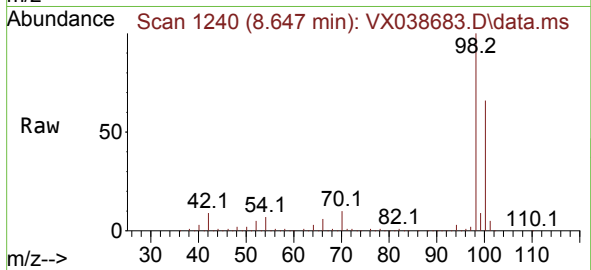




#50
Toluene-d8
Concen: 46.181 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038683.D
Acq: 09 Nov 2023 16:14

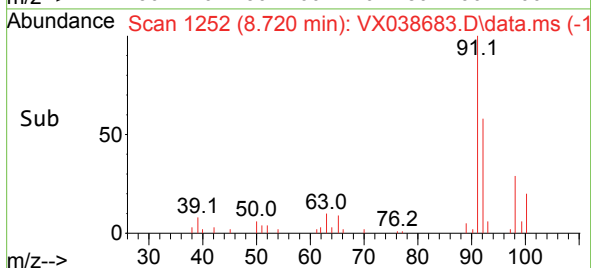
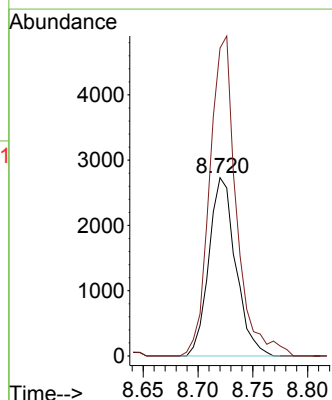
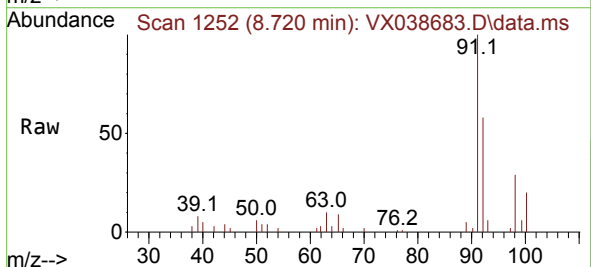
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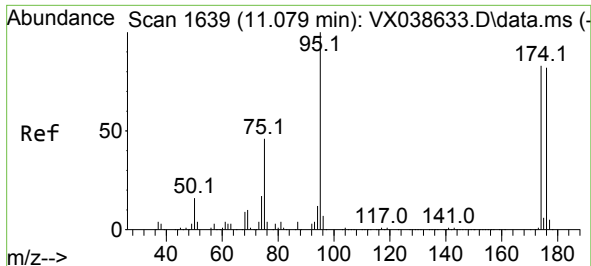
Tgt Ion: 98 Resp: 517408
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7



#52
Toluene
Concen: 0.635 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038683.D
Acq: 09 Nov 2023 16:14

Tgt Ion: 92 Resp: 4660
Ion Ratio Lower Upper
92 100
91 178.0 134.2 201.2

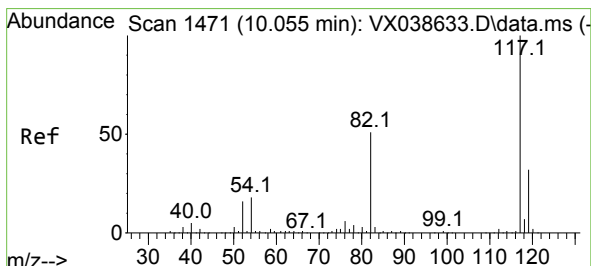
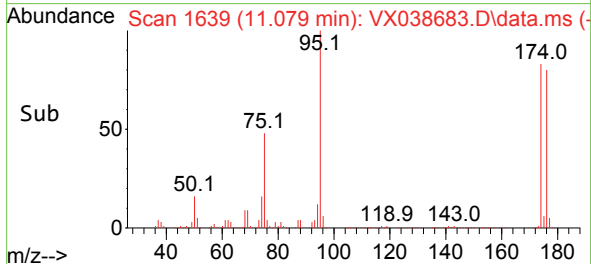
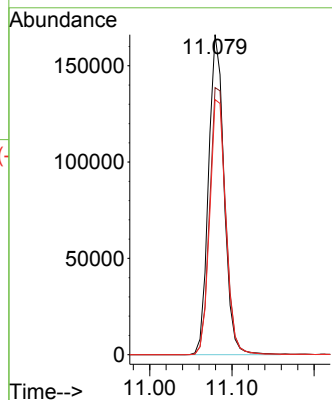
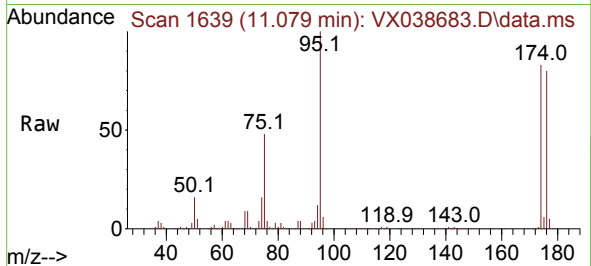




#62
4-Bromofluorobenzene
Concen: 50.164 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038683.D
Acq: 09 Nov 2023 16:14

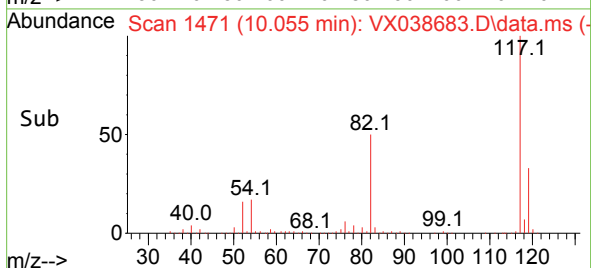
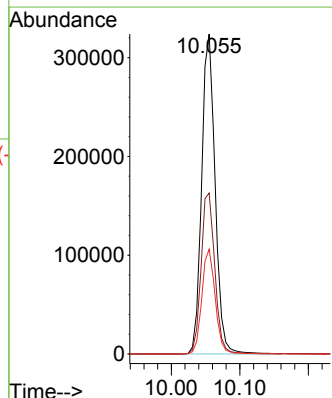
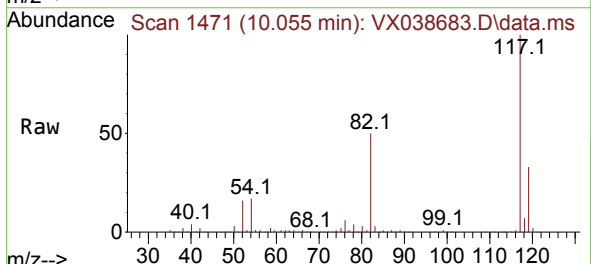
Instrument :
MSVOA_X
ClientSampleId :

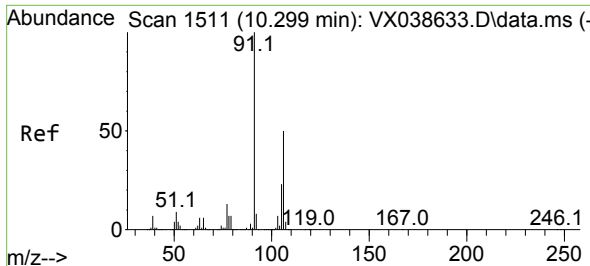
Tgt Ion: 95 Resp: 217904
Ion Ratio Lower Upper
95 100
174 87.2 0.0 135.6
176 82.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038683.D
Acq: 09 Nov 2023 16:14

Tgt Ion: 117 Resp: 443562
Ion Ratio Lower Upper
117 100
82 50.3 46.2 69.4
119 32.8 25.5 38.3

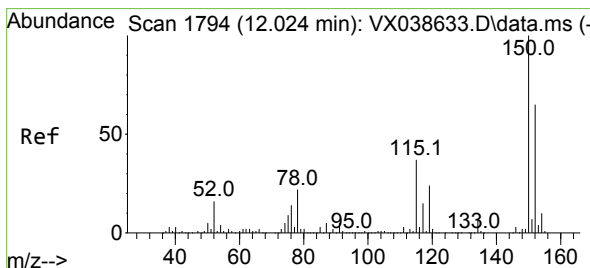
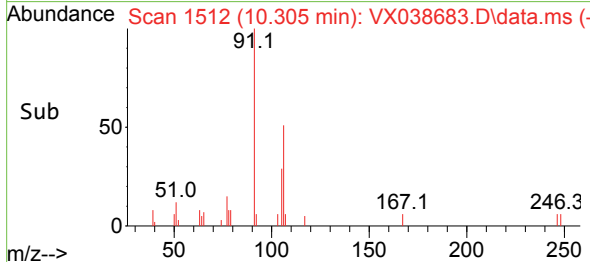
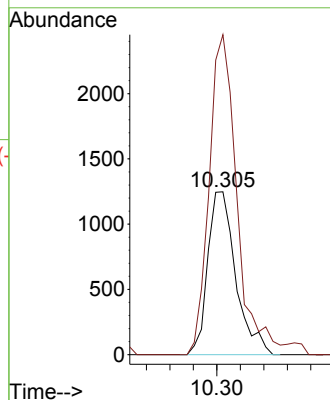
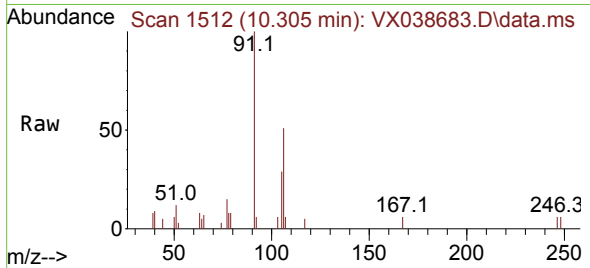




#68
m/p-Xylenes
Concen: 0.341 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX038683.D
Acq: 09 Nov 2023 16:14

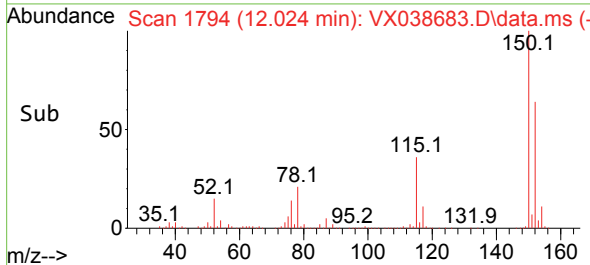
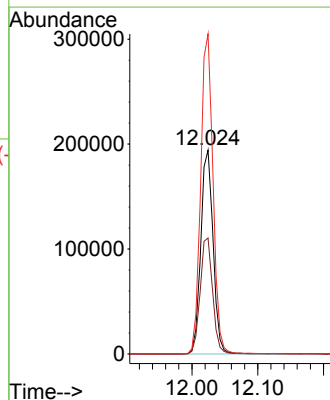
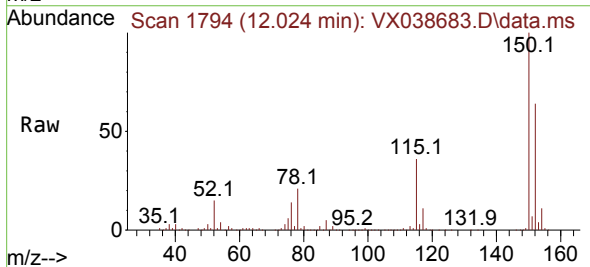
Instrument :
MSVOA_X
ClientSampleId :

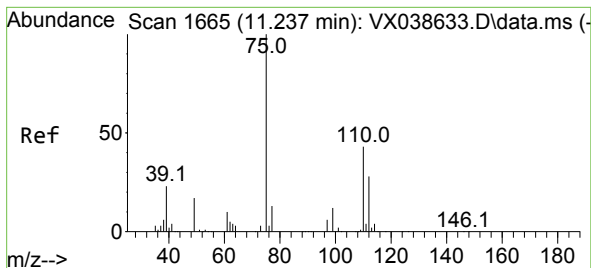
Tgt Ion:106 Resp: 2066
Ion Ratio Lower Upper
106 100
91 198.6 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038683.D
Acq: 09 Nov 2023 16:14

Tgt Ion:152 Resp: 252694
Ion Ratio Lower Upper
152 100
115 57.6 43.3 129.9
150 156.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.916 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038683.D

Acq: 09 Nov 2023 16:14

Instrument :

MSVOA_X

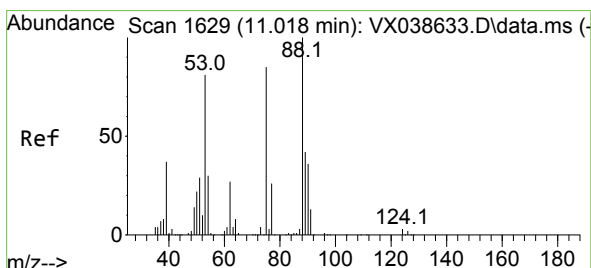
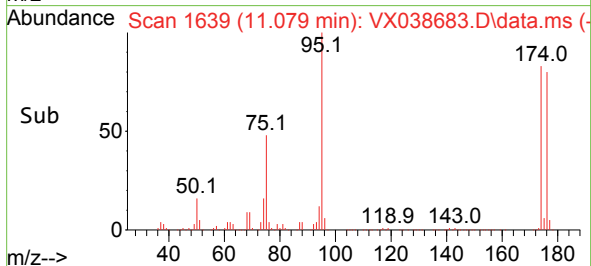
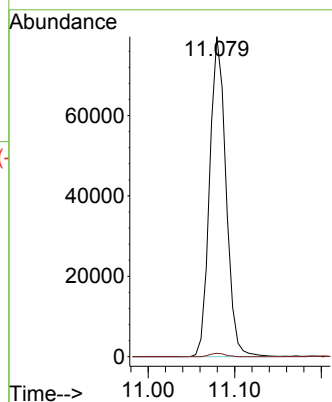
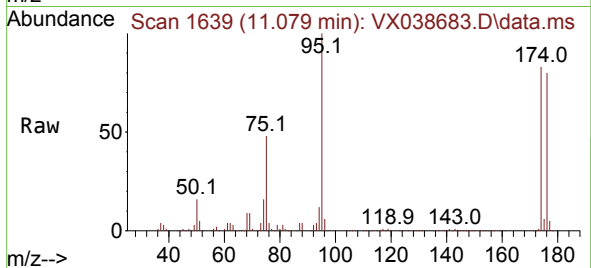
ClientSampleId :

Tgt Ion: 75 Resp: 104674

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.606 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038683.D

Acq: 09 Nov 2023 16:14

Tgt Ion: 75 Resp: 104674

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

