

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038703.D
 Acq On : 10 Nov 2023 04:41
 Operator : JC/MD
 Sample : 05241-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 10 05:28:52 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)

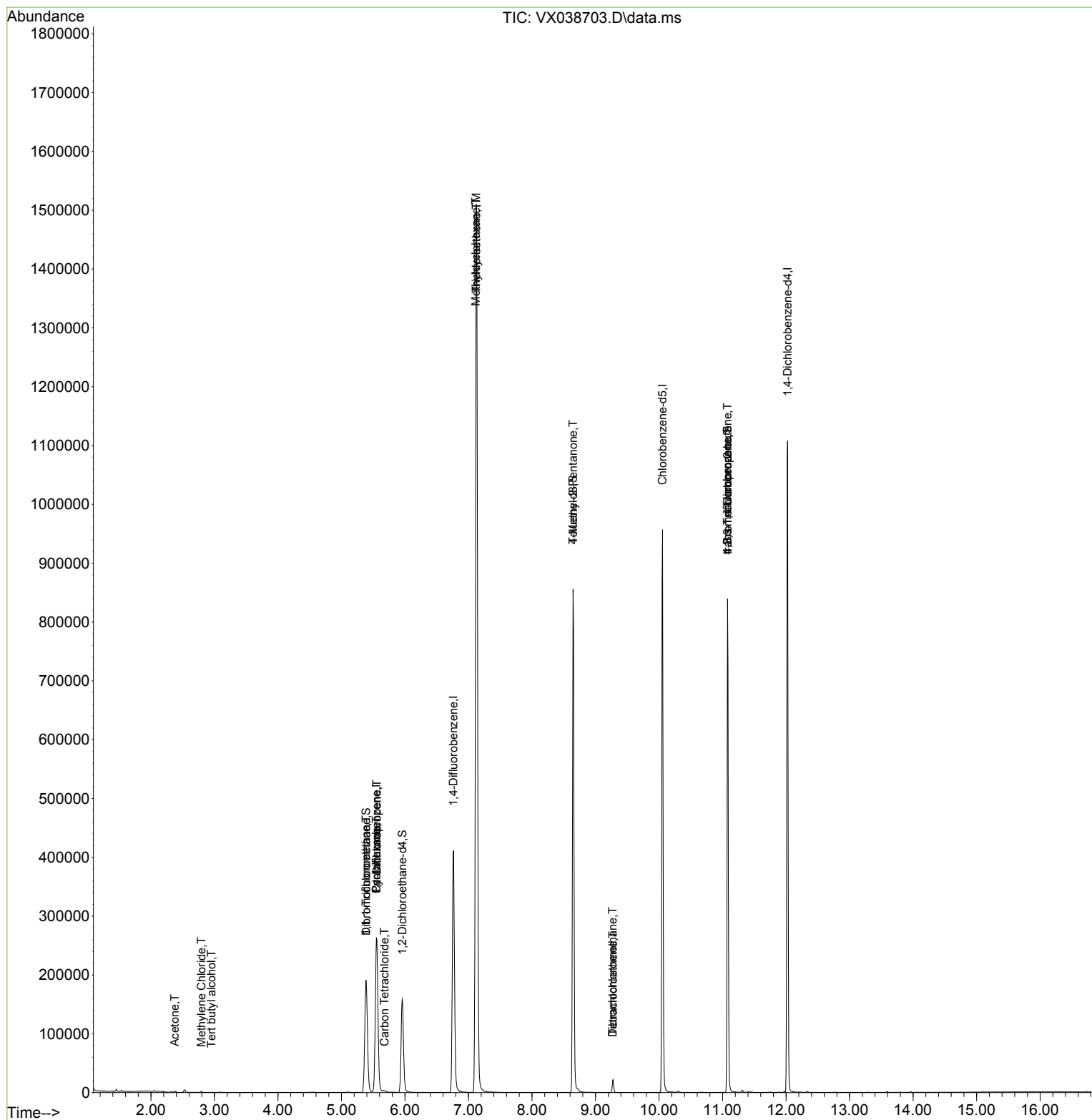
Internal Standards						
1) Pentafluorobenzene	5.550	168	276216	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	457754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	470476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	263857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	157630	45.839	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.680%		
35) Dibromofluoromethane	5.385	113	150881	45.765	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.520%		
50) Toluene-d8	8.647	98	544974	46.194	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.380%		
62) 4-Bromofluorobenzene	11.079	95	228619	49.982	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.960%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	152	0.216	ug/l	# 78
16) Acetone	2.373	43	2504	1.729	ug/l	# 83
20) Methylene Chloride	2.794	84	996	0.341	ug/l	# 59
31) Cyclohexane	5.550	56	4650	1.222	ug/l	# 1
32) 1,1,1-Trichloroethane	5.385	97	24835	5.224	ug/l	# 96
36) 1,1-Dichloropropene	5.556	75	17991	4.393	ug/l	# 51
38) Carbon Tetrachloride	5.678	117	1897	0.414	ug/l	# 84
39) Methylcyclohexane	7.117	83	6552	1.280	ug/l	# 1
44) Trichloroethene	7.123	130	638600	173.998	ug/l	# 92
51) 4-Methyl-2-Pentanone	8.647	43	1656	0.395	ug/l	# 1
60) Dibromochloromethane	9.269	129	3715	1.009	ug/l	# 11
64) Tetrachloroethene	9.275	164	3991	1.133	ug/l	# 90
76) 1,2,3-Trichloropropane	11.079	75	109243	20.905	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	109243	63.578	ug/l	# 5

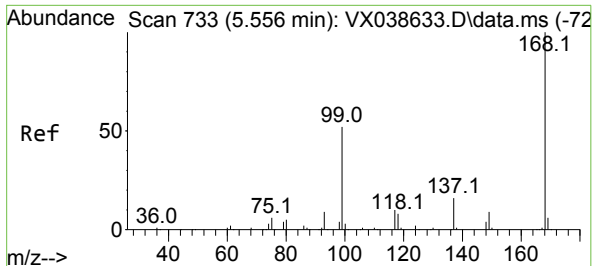
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 10 05:28:52 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

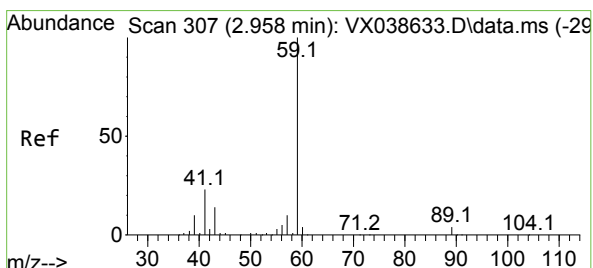
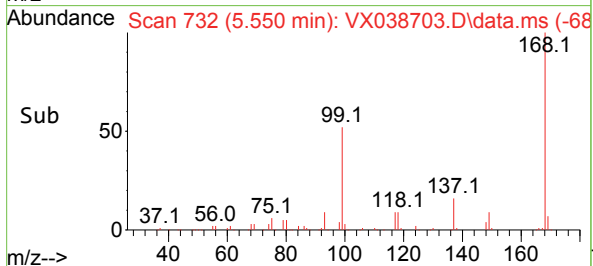
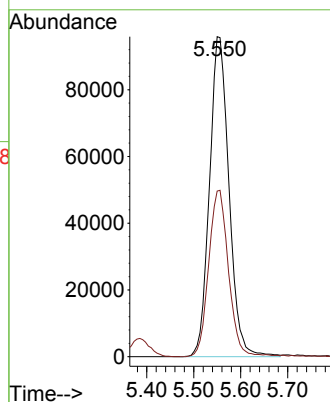
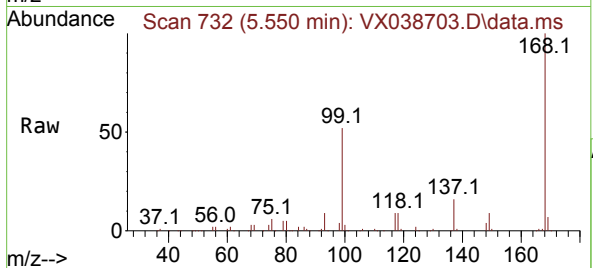




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038703.D
Acq: 10 Nov 2023 04:41

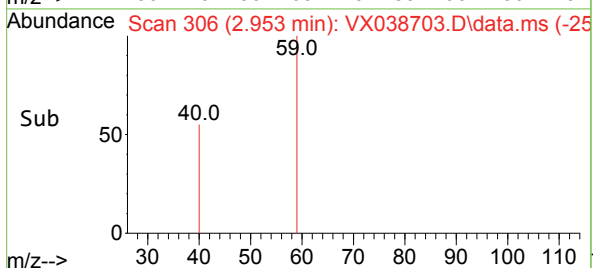
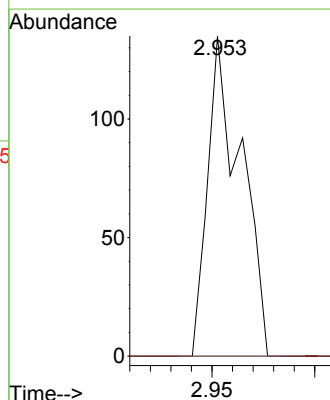
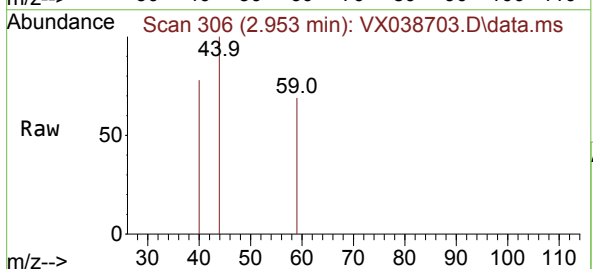
Instrument :
MSVOA_X
ClientSampleId :

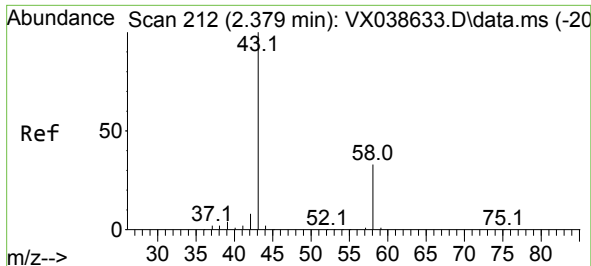
Tgt Ion:168 Resp: 276216
Ion Ratio Lower Upper
168 100
99 51.8 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.216 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038703.D
Acq: 10 Nov 2023 04:41

Tgt Ion: 59 Resp: 152
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

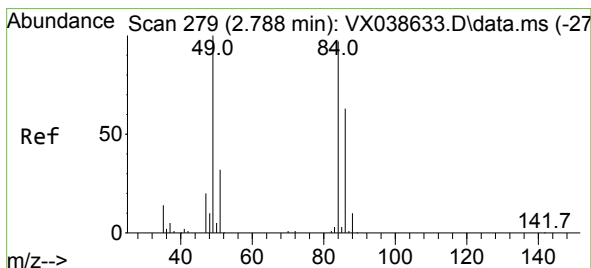
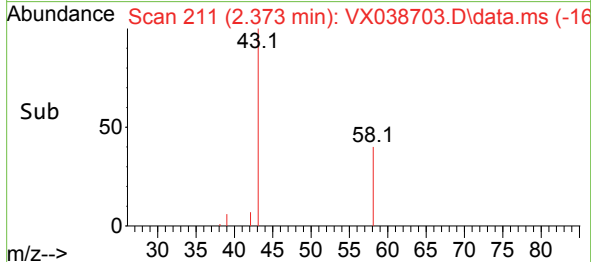
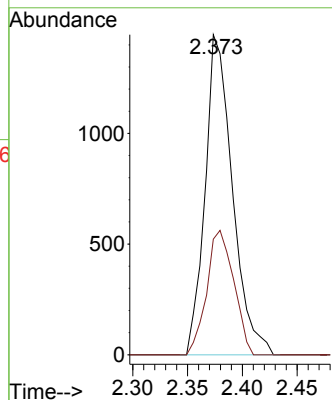
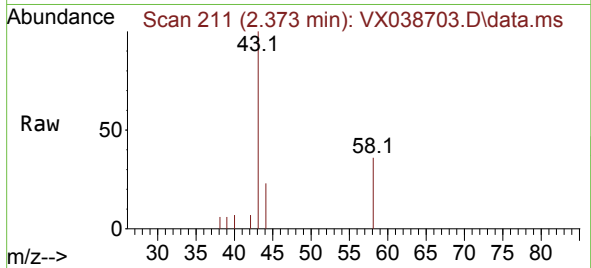




#16
Acetone
Concen: 1.729 ug/l
RT: 2.373 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038703.D
Acq: 10 Nov 2023 04:41

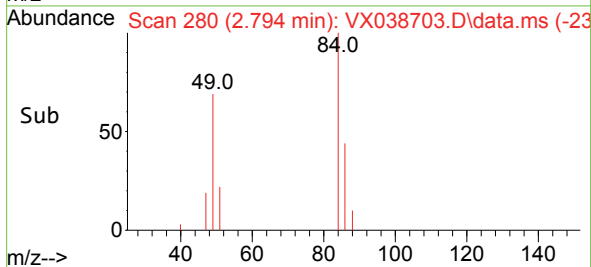
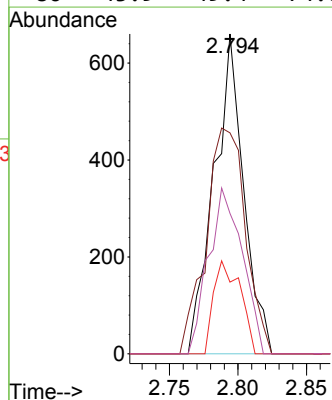
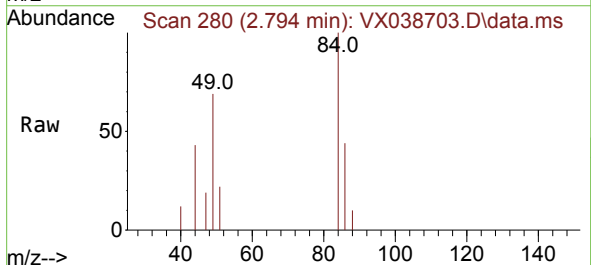
Instrument :
MSVOA_X
ClientSampleId :

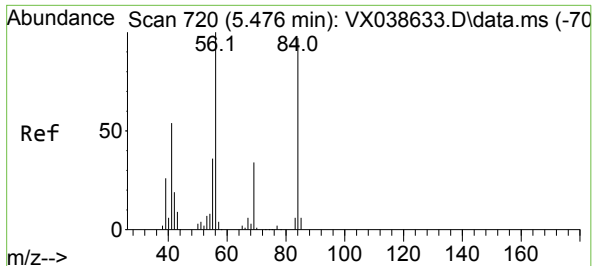
Tgt Ion: 43 Resp: 2504
Ion Ratio Lower Upper
43 100
58 36.1 21.9 32.9#



#20
Methylene Chloride
Concen: 0.341 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038703.D
Acq: 10 Nov 2023 04:41

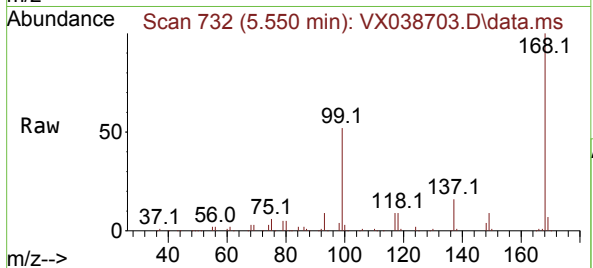
Tgt Ion: 84 Resp: 996
Ion Ratio Lower Upper
84 100
49 69.1 103.6 155.4#
51 22.4 33.8 50.6#
86 43.9 49.4 74.0#



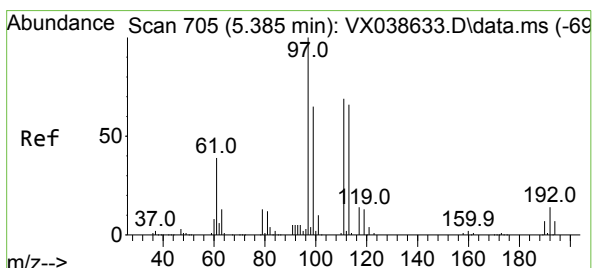
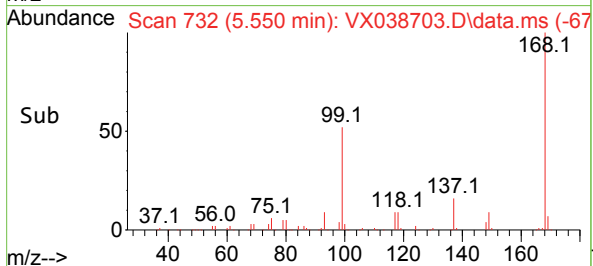
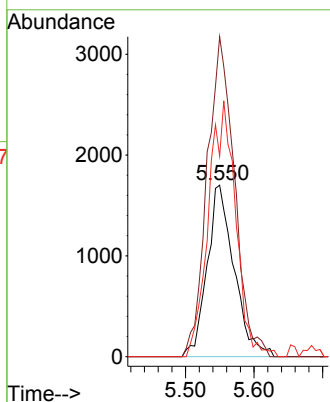


#31
Cyclohexane
Concen: 1.222 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.074 min
Lab File: VX038703.D
Acq: 10 Nov 2023 04:41

Instrument :
MSVOA_X
ClientSampleId :

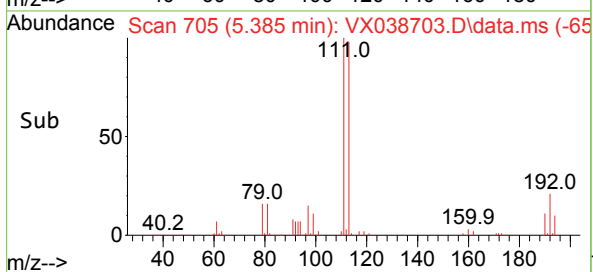
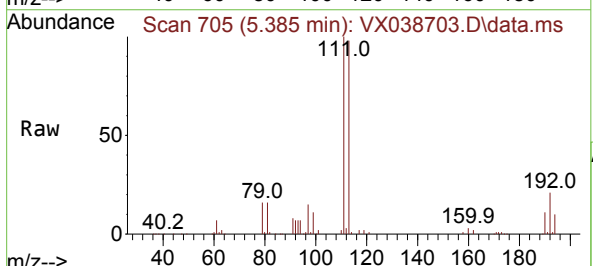
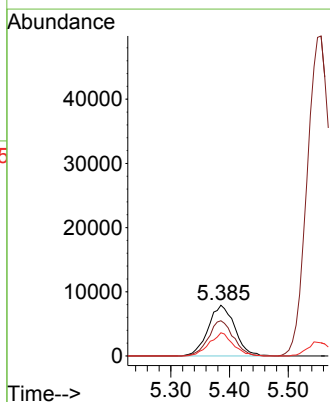


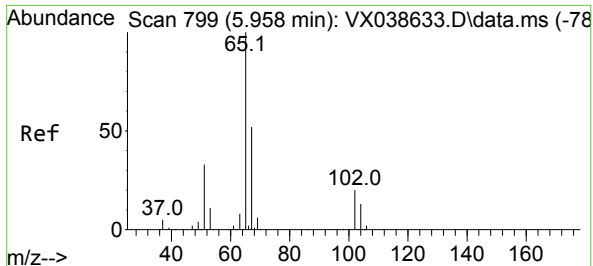
Tgt Ion: 56 Resp: 4650
Ion Ratio Lower Upper
56 100
69 186.5 23.4 35.2#
84 117.0 65.9 98.9#



#32
1,1,1-Trichloroethane
Concen: 5.224 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038703.D
Acq: 10 Nov 2023 04:41

Tgt Ion: 97 Resp: 24835
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 40.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 45.839 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038703.D

Acq: 10 Nov 2023 04:41

Instrument :

MSVOA_X

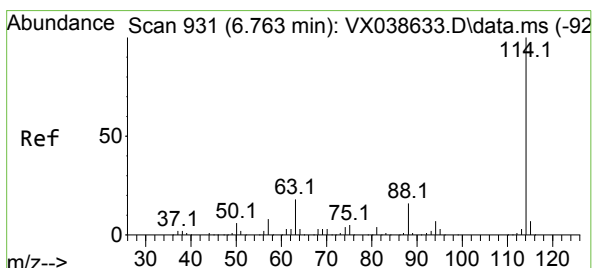
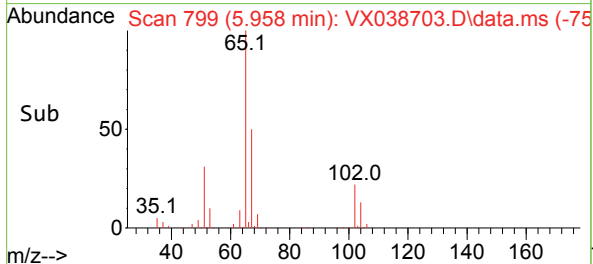
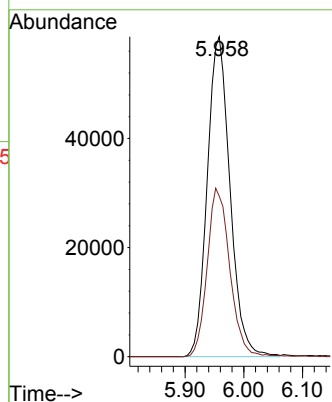
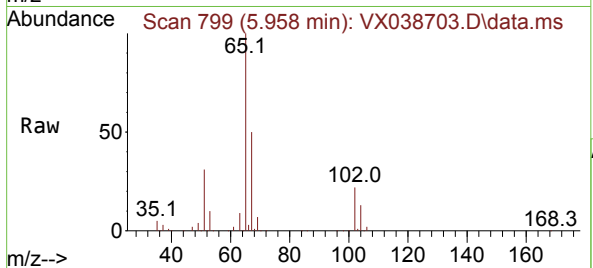
ClientSampleId :

Tgt Ion: 65 Resp: 157630

Ion Ratio Lower Upper

65 100

67 52.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038703.D

Acq: 10 Nov 2023 04:41

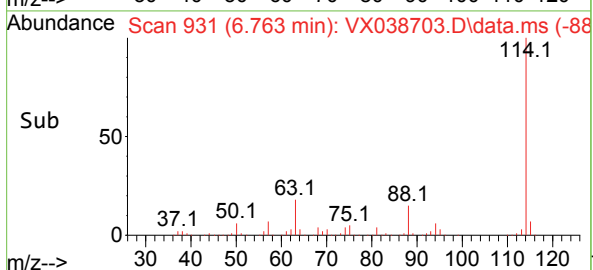
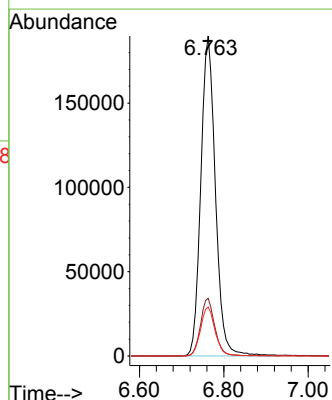
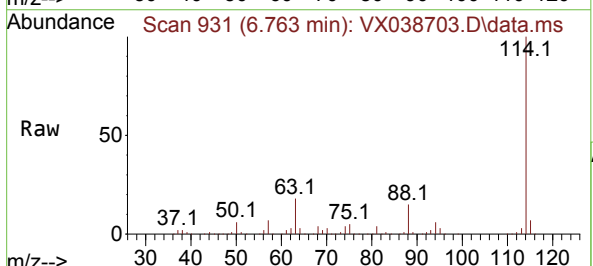
Tgt Ion: 114 Resp: 457754

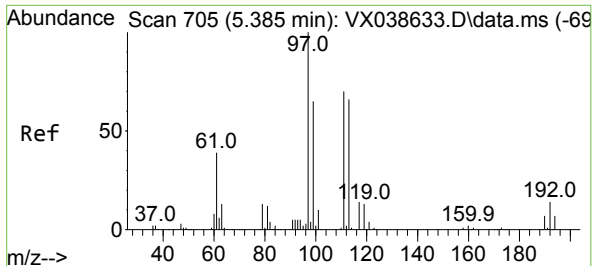
Ion Ratio Lower Upper

114 100

63 18.0 0.0 45.0

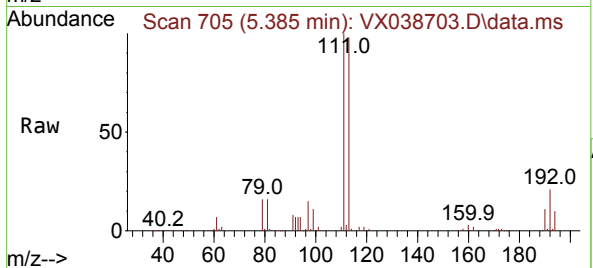
88 15.2 0.0 36.6



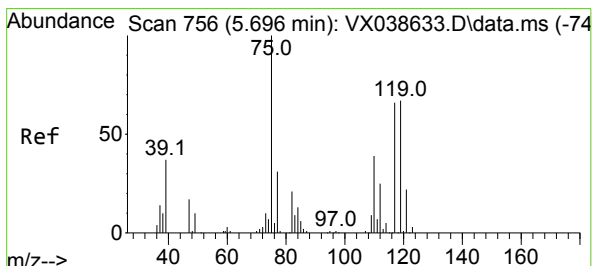
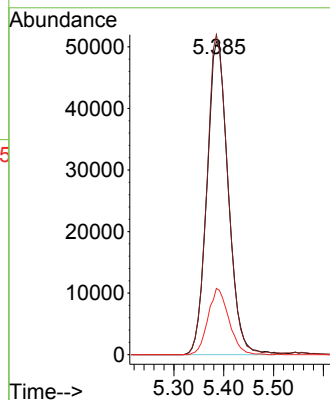
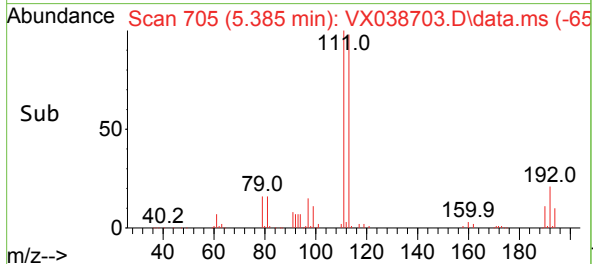


#35
Dibromofluoromethane
Concen: 45.765 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038703.D
Acq: 10 Nov 2023 04:41

Instrument :
MSVOA_X
ClientSampleId :

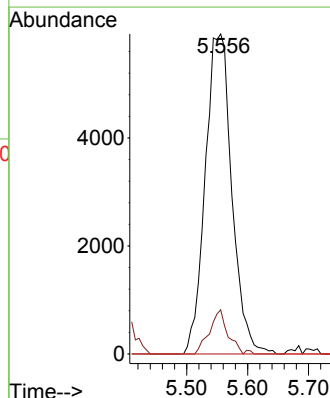
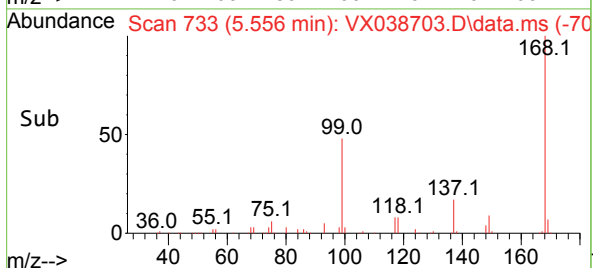
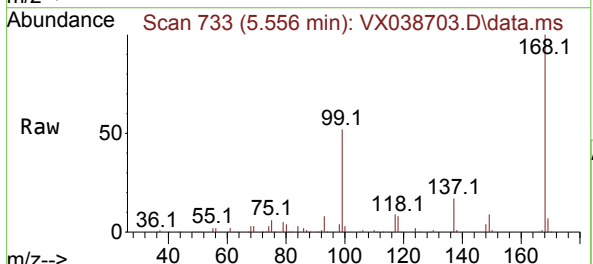


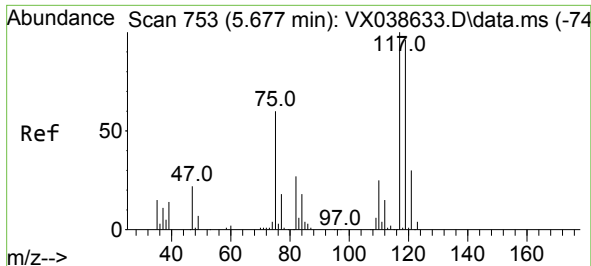
Tgt Ion:113 Resp: 150881
Ion Ratio Lower Upper
113 100
111 100.6 82.9 124.3
192 20.7 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.393 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX038703.D
Acq: 10 Nov 2023 04:41

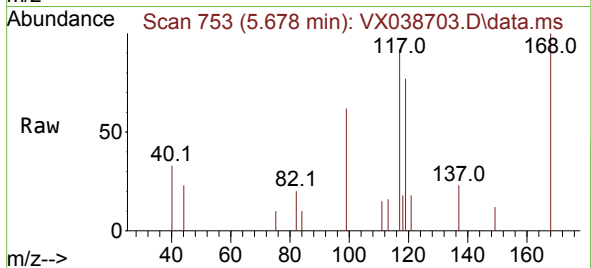
Tgt Ion: 75 Resp: 17991
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



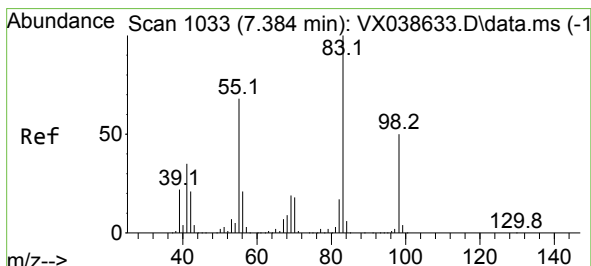
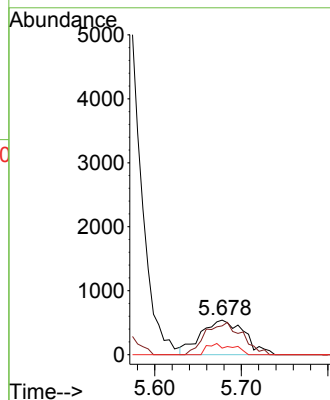
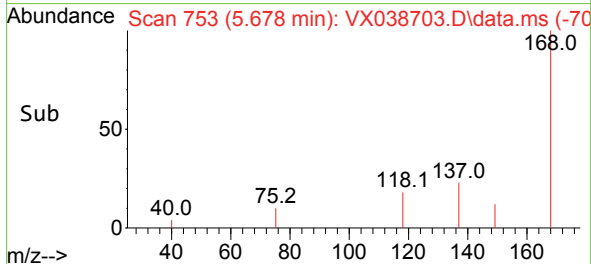


#38
Carbon Tetrachloride
Concen: 0.414 ug/l
RT: 5.678 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX038703.D
Acq: 10 Nov 2023 04:41

Instrument :
MSVOA_X
ClientSampleId :

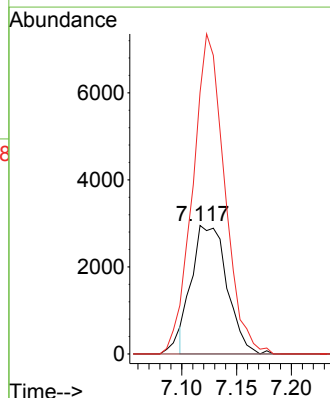
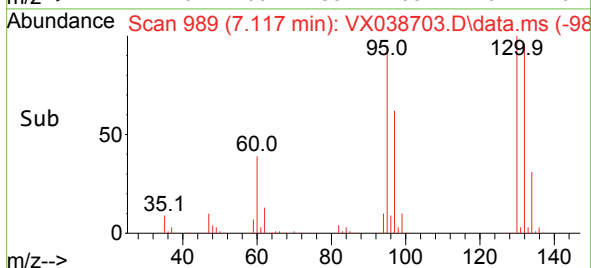
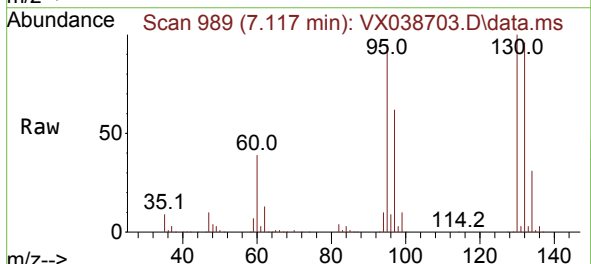


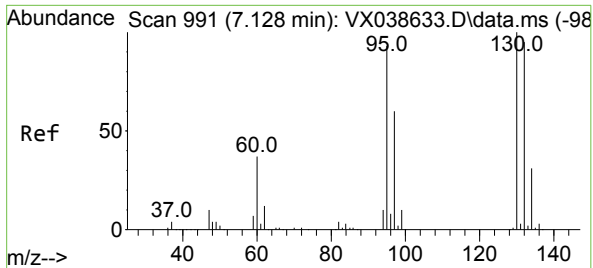
Tgt Ion:117 Resp: 1897
Ion Ratio Lower Upper
117 100
119 83.4 78.2 117.2
121 19.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 1.280 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.268 min
Lab File: VX038703.D
Acq: 10 Nov 2023 04:41

Tgt Ion: 83 Resp: 6552
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 203.6 36.7 55.1#

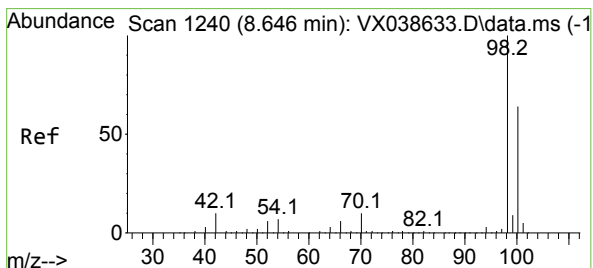
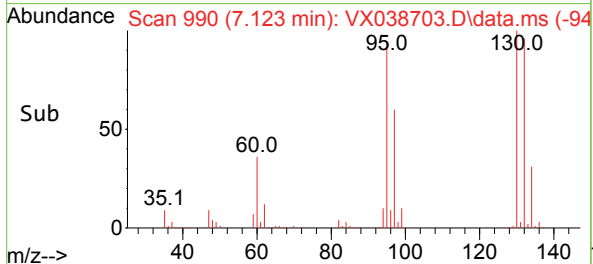
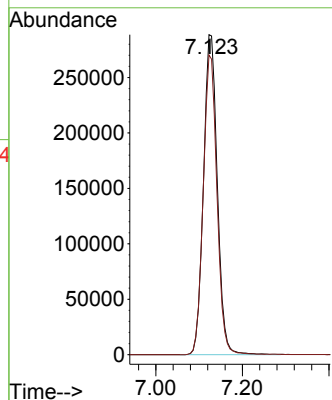
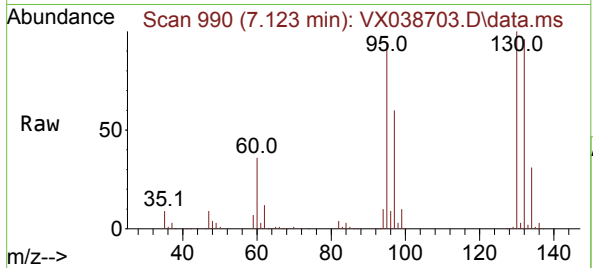




#44
Trichloroethene
Concen: 173.998 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX038703.D
Acq: 10 Nov 2023 04:41

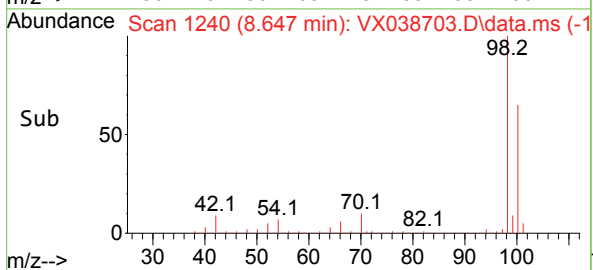
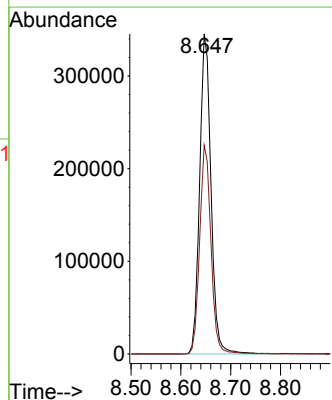
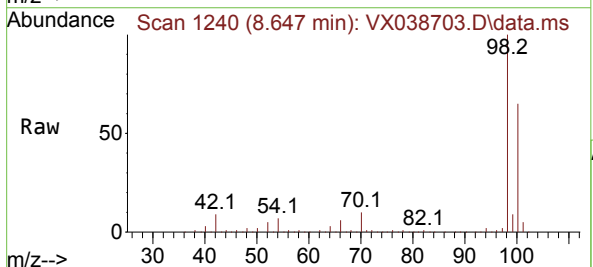
Instrument :
MSVOA_X
ClientSampleId :

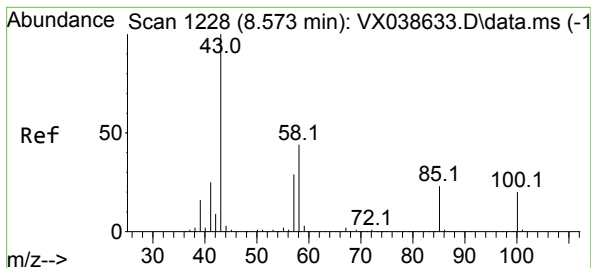
Tgt Ion:130 Resp: 638600
Ion Ratio Lower Upper
130 100
95 93.7 0.0 204.4



#50
Toluene-d8
Concen: 46.194 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038703.D
Acq: 10 Nov 2023 04:41

Tgt Ion: 98 Resp: 544974
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7

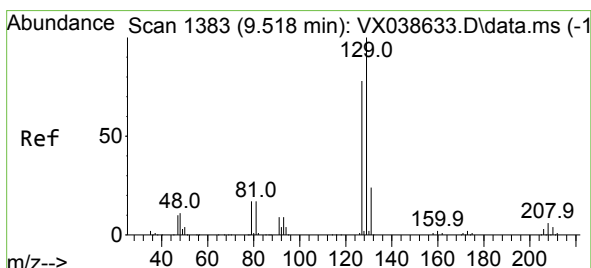
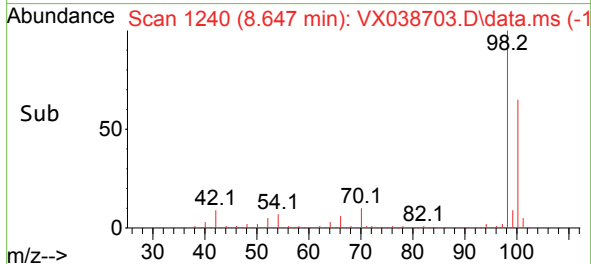
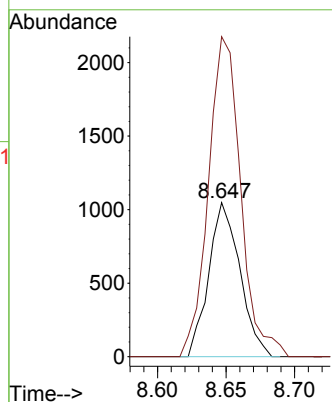
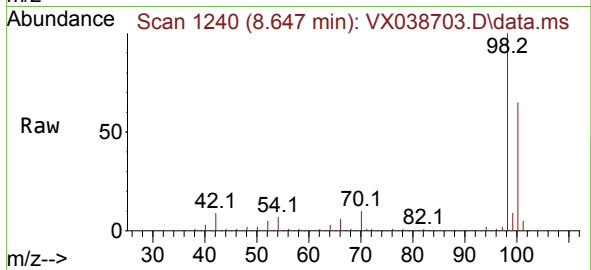




#51
4-Methyl-2-Pentanone
Concen: 0.395 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038703.D
Acq: 10 Nov 2023 04:41

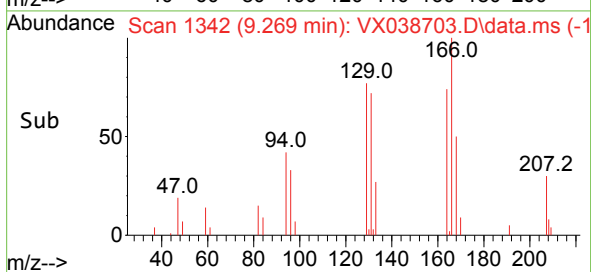
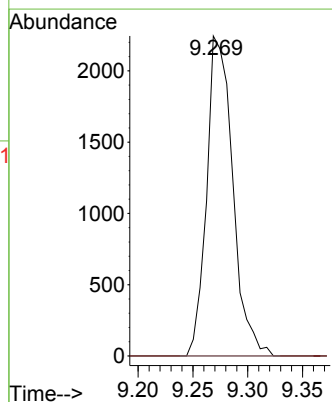
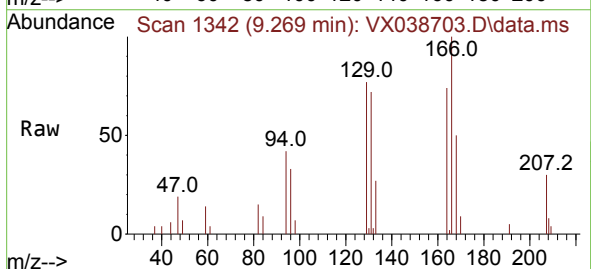
Instrument :
MSVOA_X
ClientSampleId :

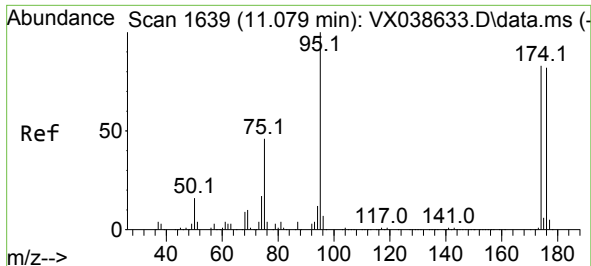
Tgt Ion: 43 Resp: 1656
Ion Ratio Lower Upper
43 100
58 215.6 30.4 45.6#



#60
Dibromochloromethane
Concen: 1.009 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.250 min
Lab File: VX038703.D
Acq: 10 Nov 2023 04:41

Tgt Ion: 129 Resp: 3715
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

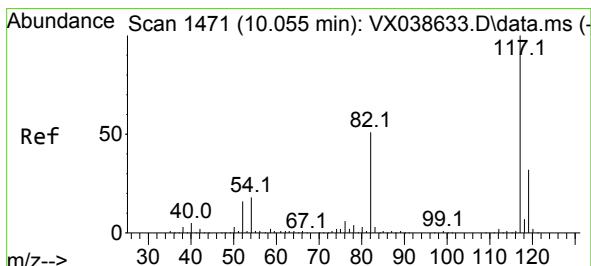
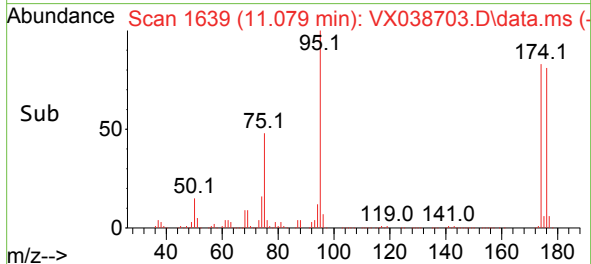
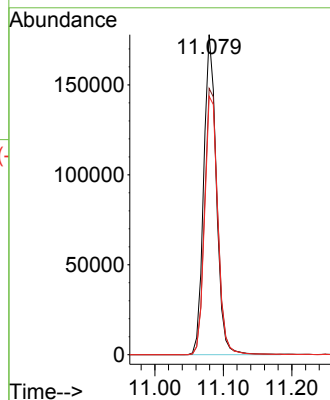
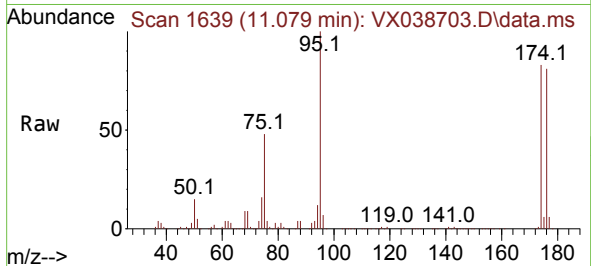




#62
4-Bromofluorobenzene
Concen: 49.982 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038703.D
Acq: 10 Nov 2023 04:41

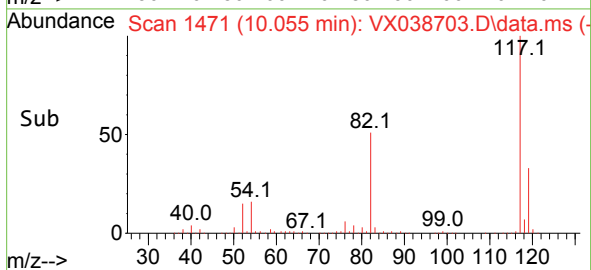
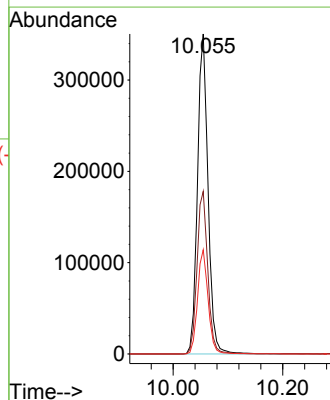
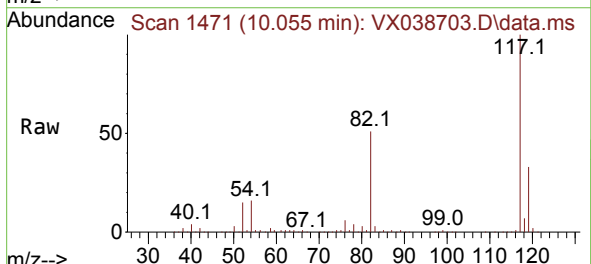
Instrument :
MSVOA_X
ClientSampleId :

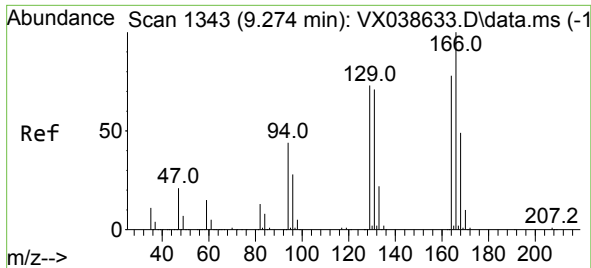
Tgt Ion: 95 Resp: 228619
Ion Ratio Lower Upper
95 100
174 87.3 0.0 135.6
176 84.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038703.D
Acq: 10 Nov 2023 04:41

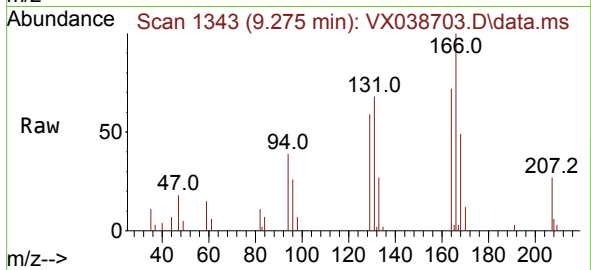
Tgt Ion: 117 Resp: 470476
Ion Ratio Lower Upper
117 100
82 50.8 46.2 69.4
119 32.6 25.5 38.3



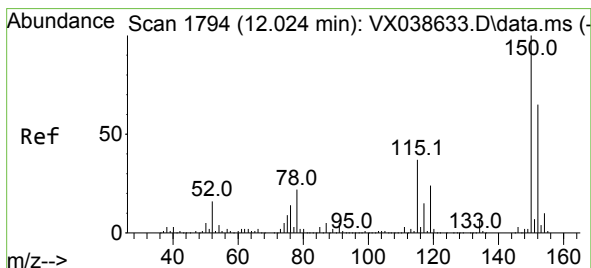
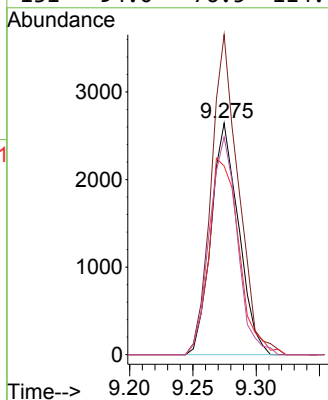
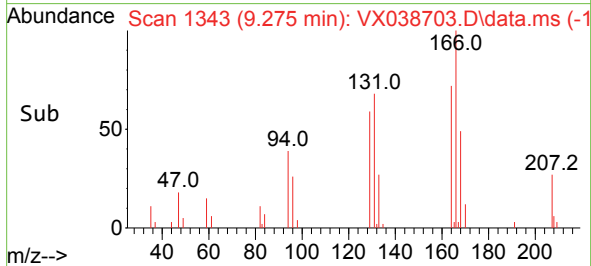


#64
Tetrachloroethene
Concen: 1.133 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038703.D
Acq: 10 Nov 2023 04:41

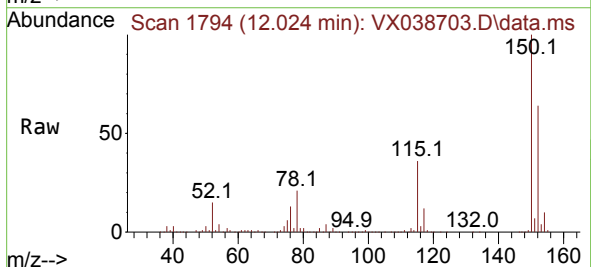
Instrument :
MSVOA_X
ClientSampleId :



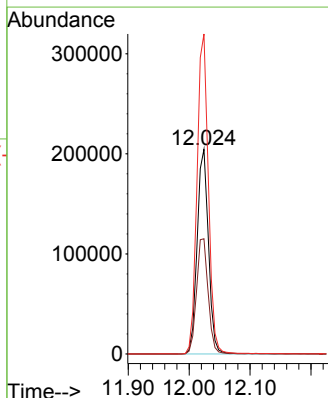
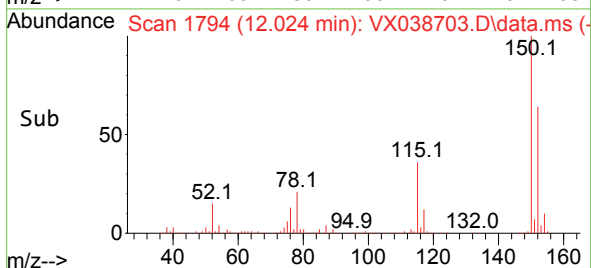
Tgt Ion:164 Resp: 3991
Ion Ratio Lower Upper
164 100
166 138.2 102.7 154.1
129 81.4 80.4 120.6
131 94.0 76.5 114.7

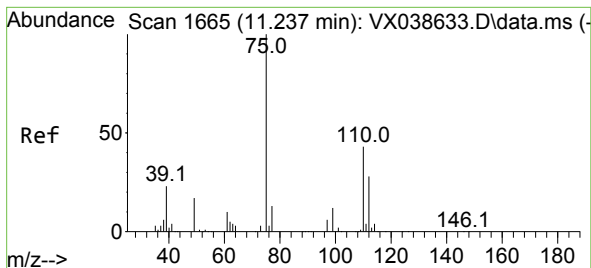


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038703.D
Acq: 10 Nov 2023 04:41



Tgt Ion:152 Resp: 263857
Ion Ratio Lower Upper
152 100
115 57.7 43.3 129.9
150 156.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.905 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX038703.D

Acq: 10 Nov 2023 04:41

Instrument :

MSVOA_X

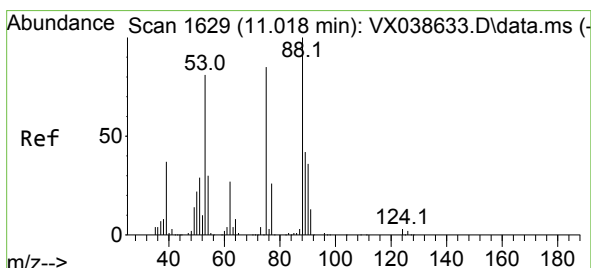
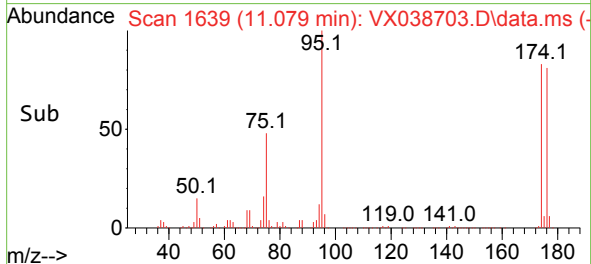
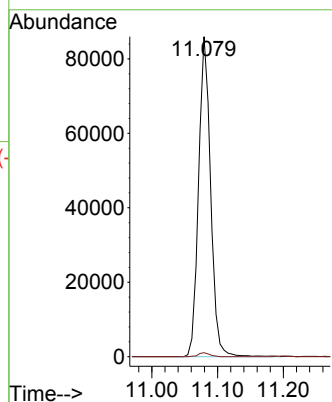
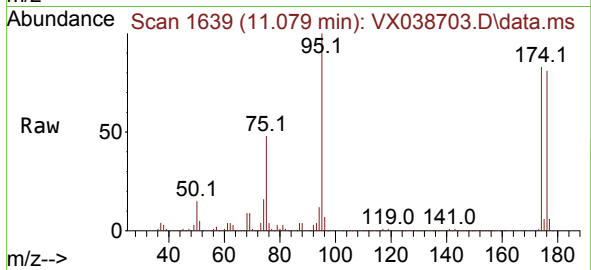
ClientSampleId :

Tgt Ion: 75 Resp: 109243

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.578 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038703.D

Acq: 10 Nov 2023 04:41

Tgt Ion: 75 Resp: 109243

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

