

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072723\
 Data File : VX036683.D
 Acq On : 27 Jul 2023 17:54
 Operator : JC/MD
 Sample : 03782-15RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 28 06:15:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

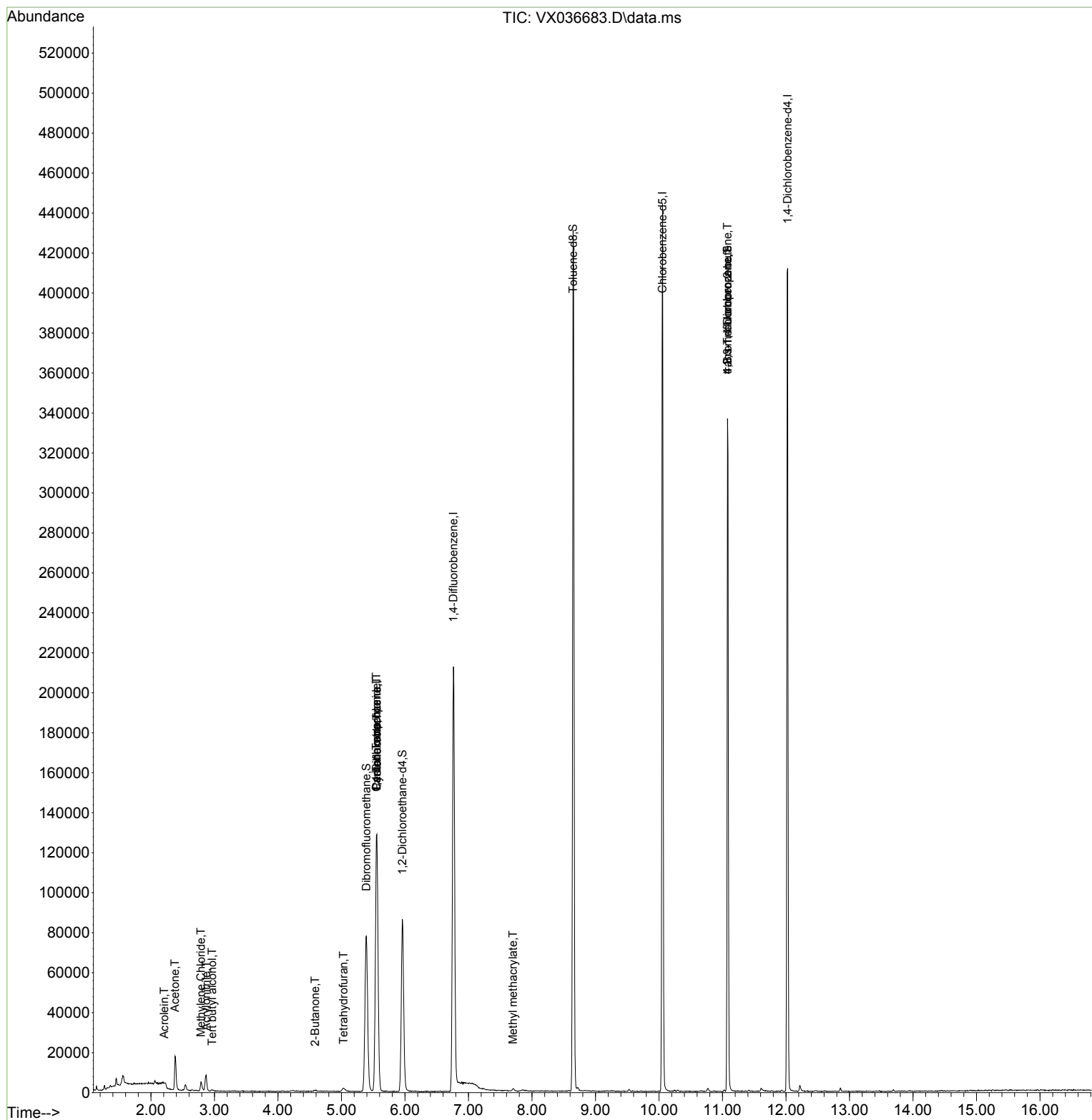
Internal Standards						
1) Pentafluorobenzene	5.556	168	121713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217338	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81660	45.343	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.680%		
35) Dibromofluoromethane	5.391	113	69941	46.819	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.640%		
50) Toluene-d8	8.647	98	257380	48.585	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.160%		
62) 4-Bromofluorobenzene	11.079	95	93438	46.750	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.500%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	735	1.724	ug/l #	93
13) Acrolein	2.209	56	516	2.121	ug/l #	14
15) Acrylonitrile	2.867	53	190	0.222	ug/l #	23
16) Acetone	2.380	43	18345	24.548	ug/l #	86
20) Methylene Chloride	2.788	84	2303	1.386	ug/l	97
25) 2-Butanone	4.587	43	1207	0.995	ug/l #	51
29) Tetrahydrofuran	5.032	42	1678	2.147	ug/l	98
31) Cyclohexane	5.556	56	2815	1.129	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	10104	4.538	ug/l #	51
38) Carbon Tetrachloride	5.550	117	12958	5.474	ug/l #	15
48) Methyl methacrylate	7.702	41	699	0.346	ug/l #	83
76) 1,2,3-Trichloropropane	11.079	75	48358	23.937	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	48358	54.254	ug/l #	5

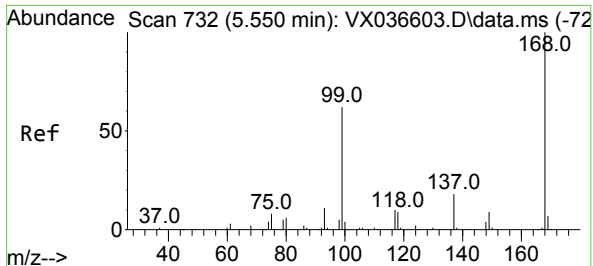
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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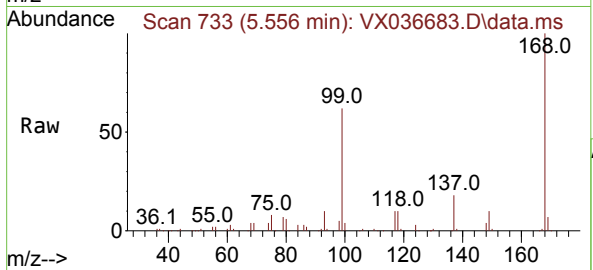
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



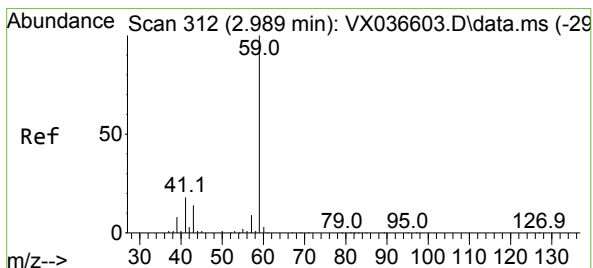
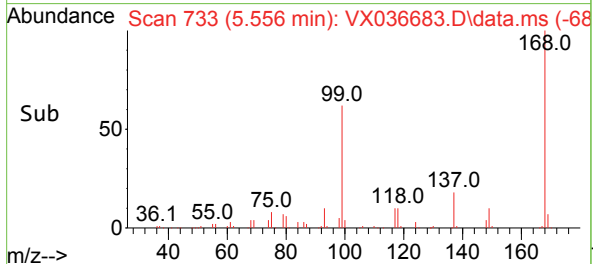
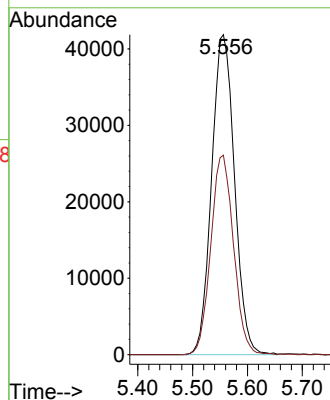


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036683.D
Acq: 27 Jul 2023 17:54

Instrument :
MSVOA_X
ClientSampleId :

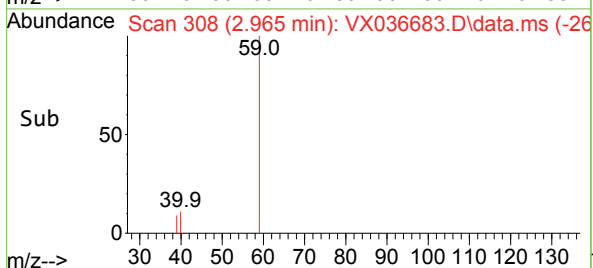
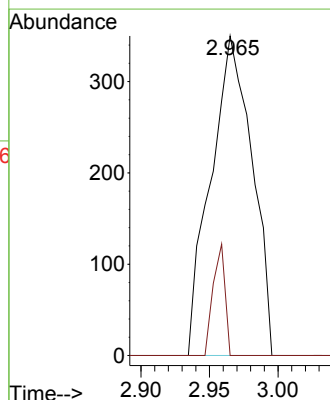
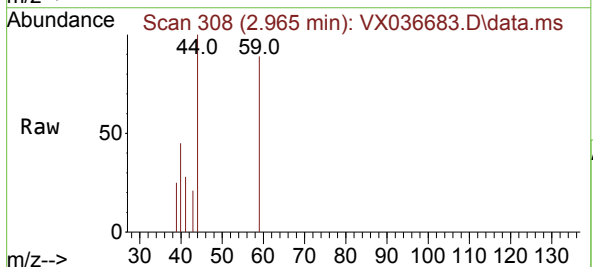


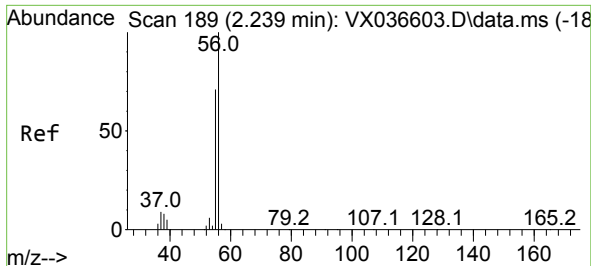
Tgt Ion:168 Resp: 121713
Ion Ratio Lower Upper
168 100
99 62.4 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.724 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX036683.D
Acq: 27 Jul 2023 17:54

Tgt Ion: 59 Resp: 735
Ion Ratio Lower Upper
59 100
57 10.1 6.0 9.0#

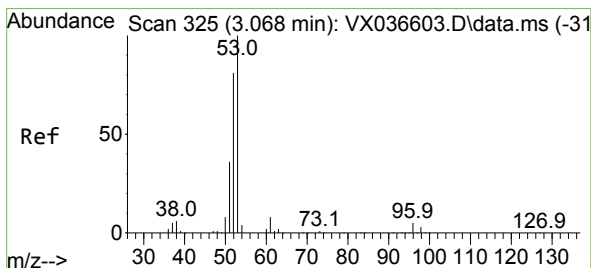
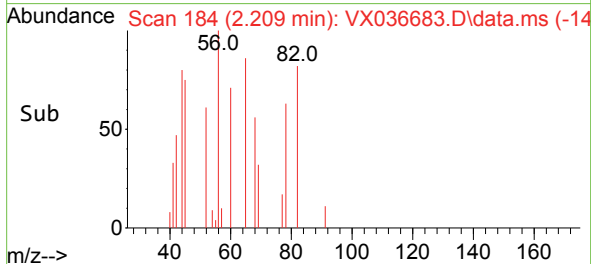
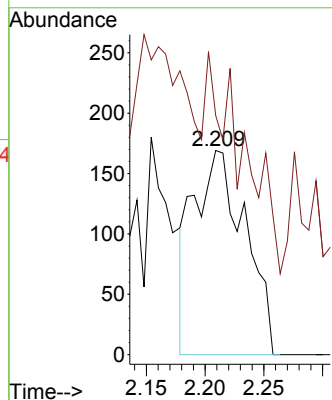
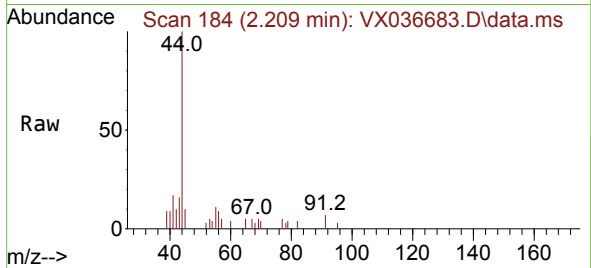




#13
Acrolein
Concen: 2.121 ug/l
RT: 2.209 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX036683.D
Acq: 27 Jul 2023 17:54

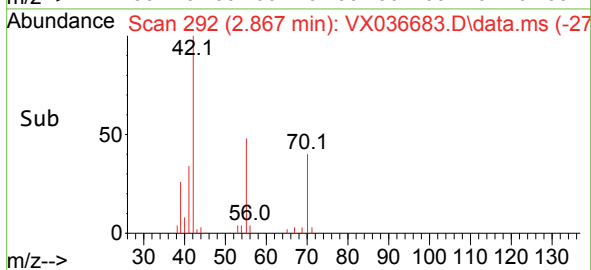
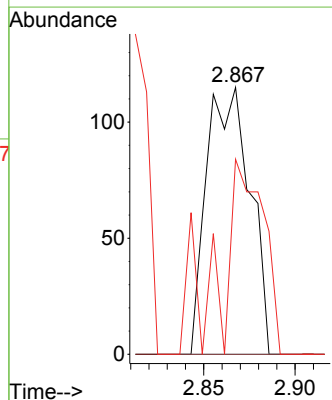
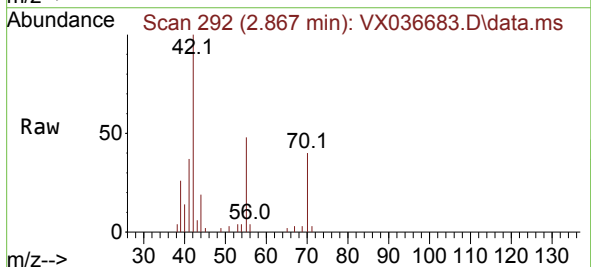
Instrument :
MSVOA_X
ClientSampleId :

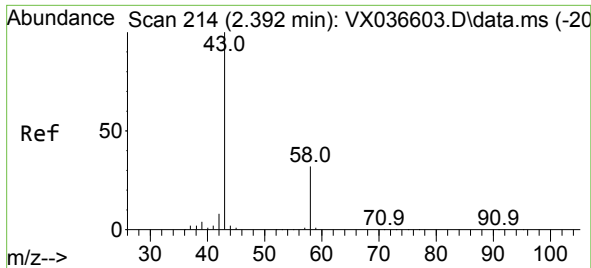
Tgt Ion: 56 Resp: 516
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#15
Acrylonitrile
Concen: 0.222 ug/l
RT: 2.867 min Scan# 292
Delta R.T. -0.201 min
Lab File: VX036683.D
Acq: 27 Jul 2023 17:54

Tgt Ion: 53 Resp: 190
Ion Ratio Lower Upper
53 100
52 0.0 66.0 99.0#
51 63.2 29.8 44.6#

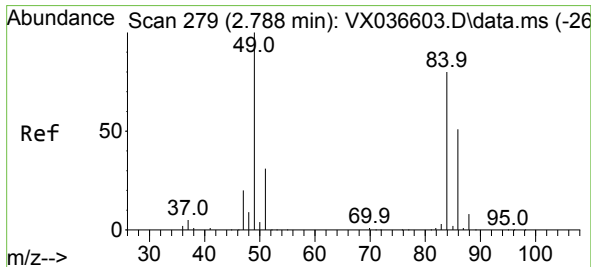
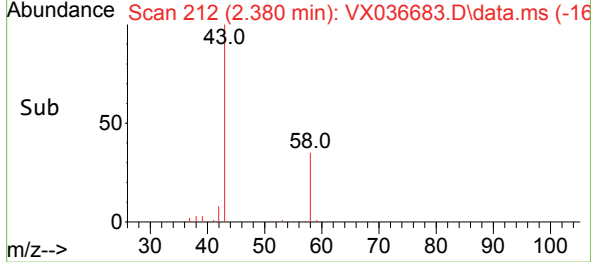
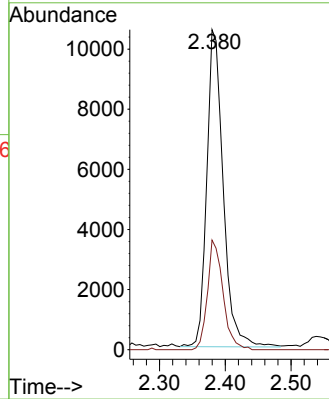
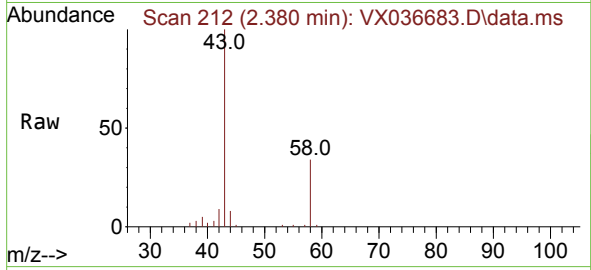




#16
Acetone
Concen: 24.548 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036683.D
Acq: 27 Jul 2023 17:54

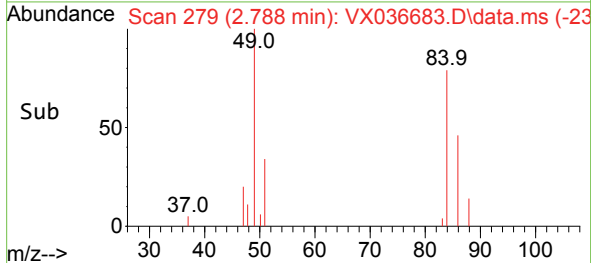
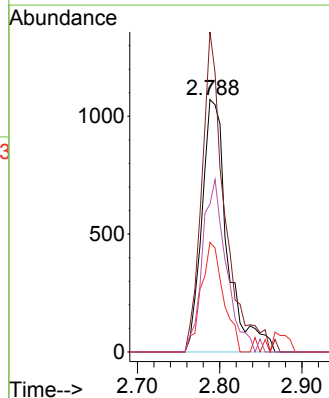
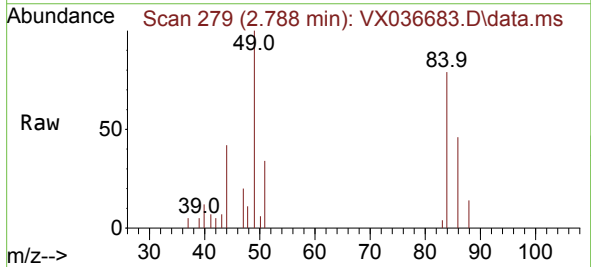
Instrument :
MSVOA_X
ClientSampleId :

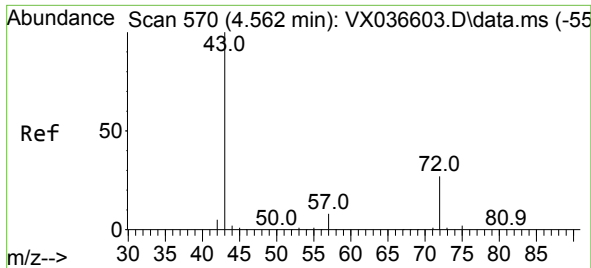
Tgt Ion: 43 Resp: 18345
Ion Ratio Lower Upper
43 100
58 34.6 21.9 32.9#



#20
Methylene Chloride
Concen: 1.386 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036683.D
Acq: 27 Jul 2023 17:54

Tgt Ion: 84 Resp: 2303
Ion Ratio Lower Upper
84 100
49 126.8 103.6 155.4
51 43.4 33.8 50.6
86 58.5 49.4 74.0

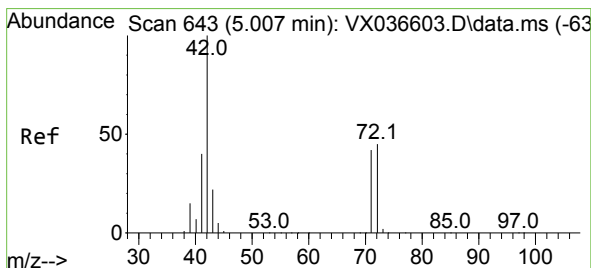
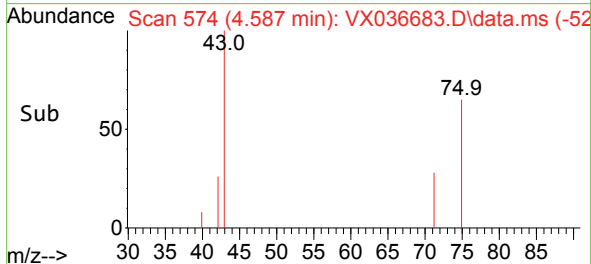
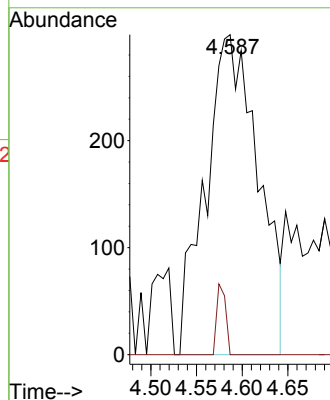
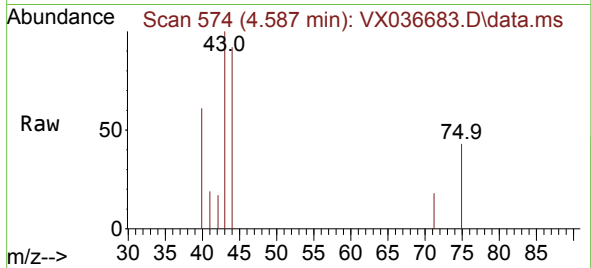




#25
2-Butanone
Concen: 0.995 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX036683.D
Acq: 27 Jul 2023 17:54

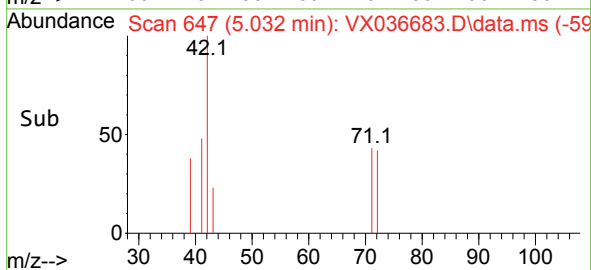
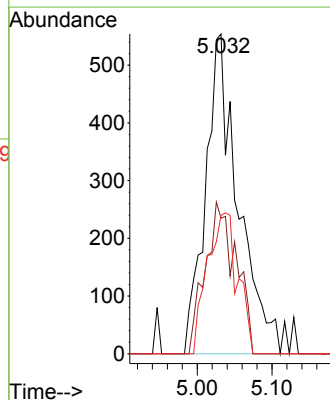
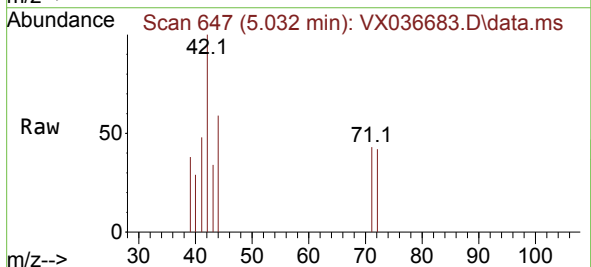
Instrument :
MSVOA_X
ClientSampleId :

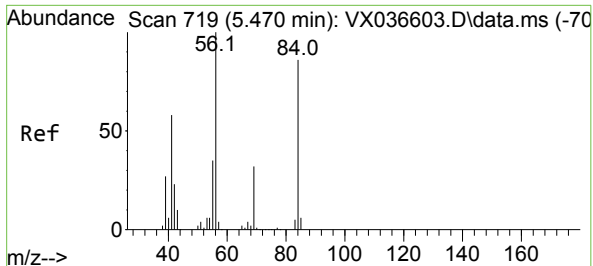
Tgt Ion: 43 Resp: 1207
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#29
Tetrahydrofuran
Concen: 2.147 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.025 min
Lab File: VX036683.D
Acq: 27 Jul 2023 17:54

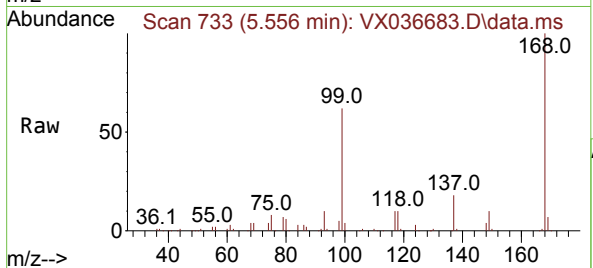
Tgt Ion: 42 Resp: 1678
Ion Ratio Lower Upper
42 100
72 45.0 34.2 51.4
71 40.8 32.2 48.2



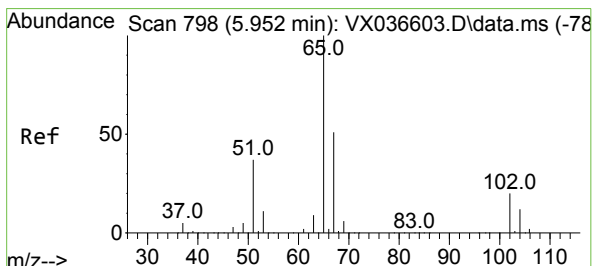
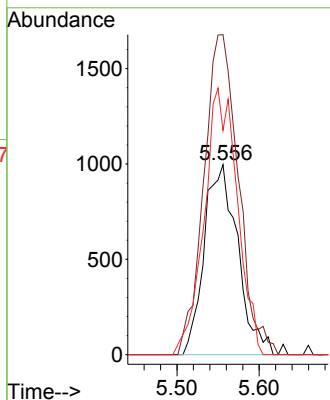
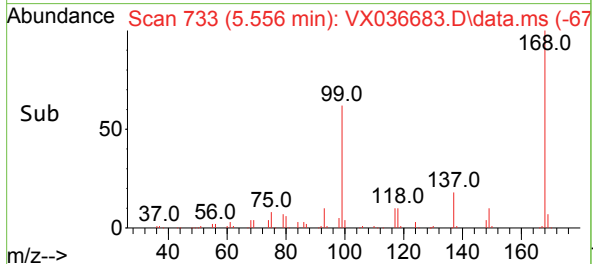


#31
Cyclohexane
Concen: 1.129 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX036683.D
Acq: 27 Jul 2023 17:54

Instrument :
MSVOA_X
ClientSampleId :

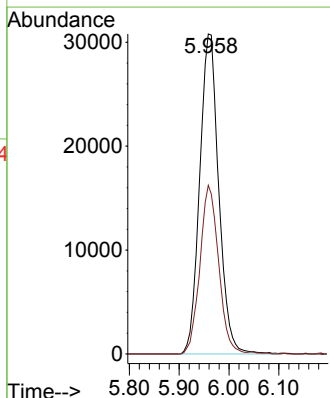
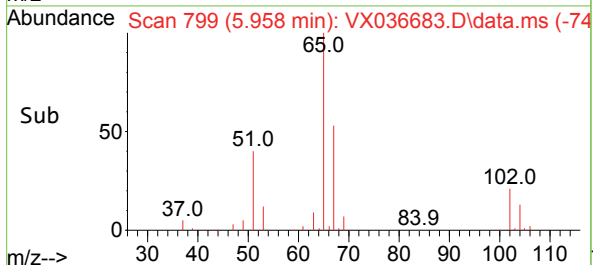
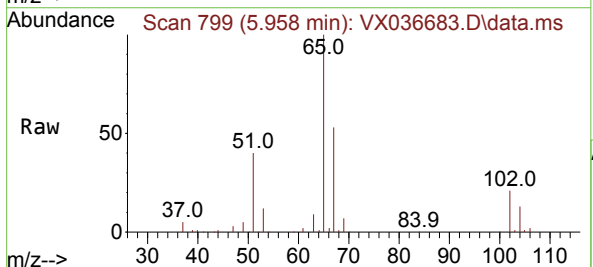


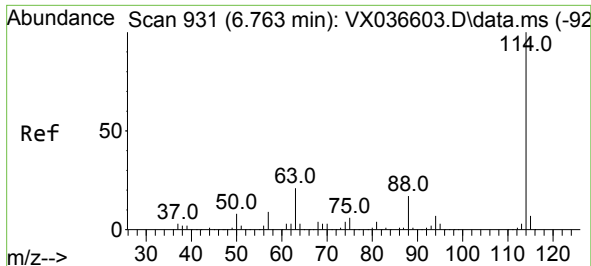
Tgt Ion: 56 Resp: 2815
Ion Ratio Lower Upper
56 100
69 168.3 23.4 35.2#
84 118.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.343 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036683.D
Acq: 27 Jul 2023 17:54

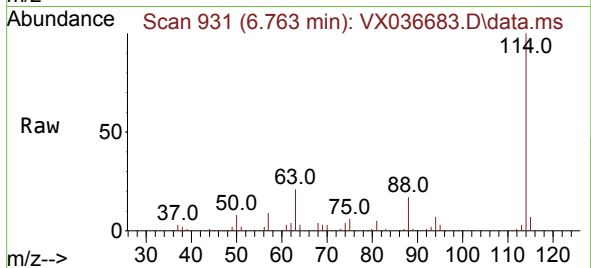
Tgt Ion: 65 Resp: 81660
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2



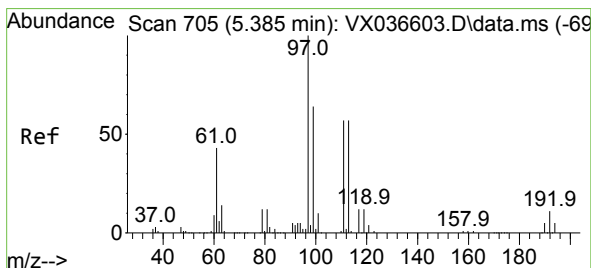
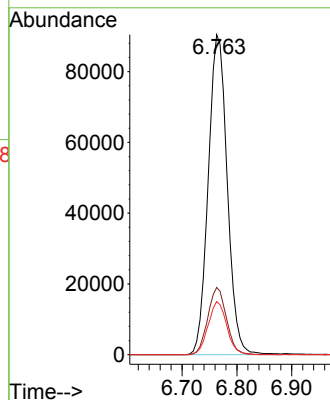
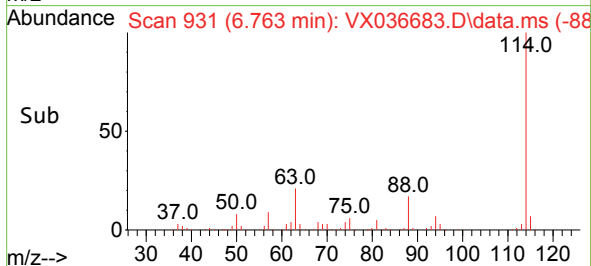


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036683.D
Acq: 27 Jul 2023 17:54

Instrument :
MSVOA_X
ClientSampleId :

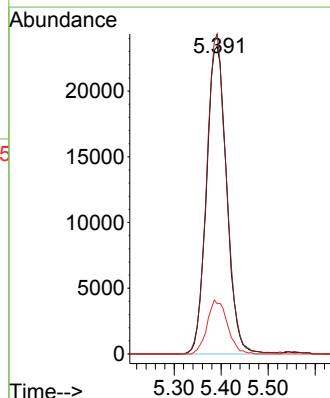
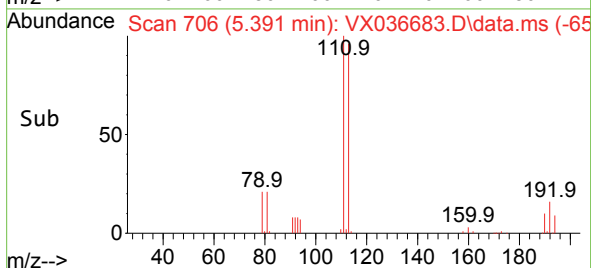
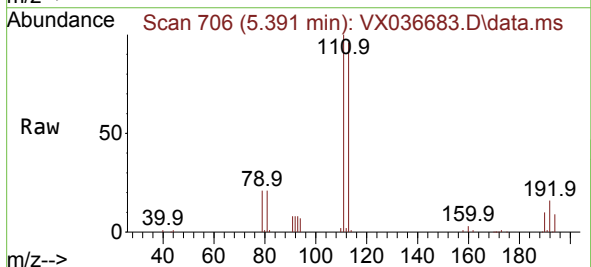


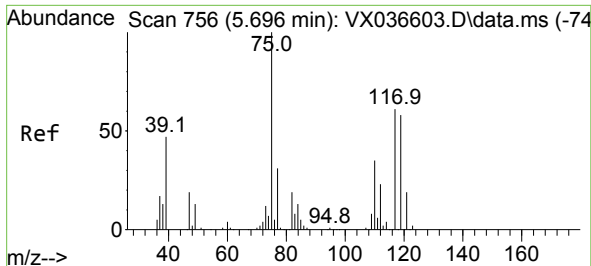
Tgt Ion:114 Resp: 217338
Ion Ratio Lower Upper
114 100
63 21.0 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.819 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036683.D
Acq: 27 Jul 2023 17:54

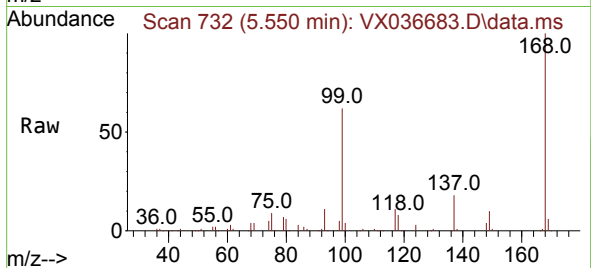
Tgt Ion:113 Resp: 69941
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 17.5 13.3 19.9



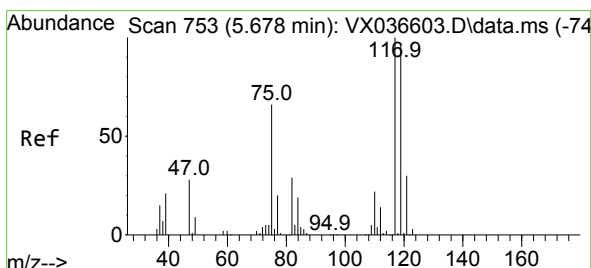
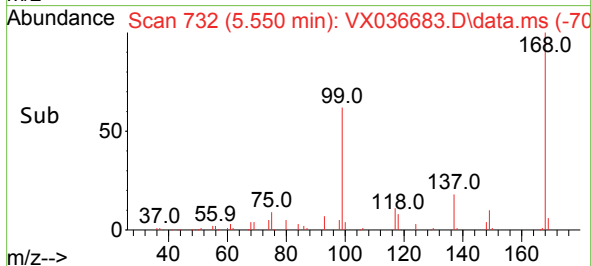
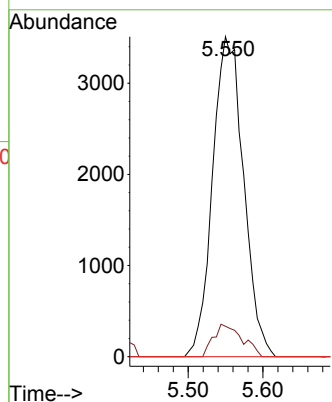


#36
1,1-Dichloropropene
Concen: 4.538 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX036683.D
Acq: 27 Jul 2023 17:54

Instrument :
MSVOA_X
ClientSampleId :

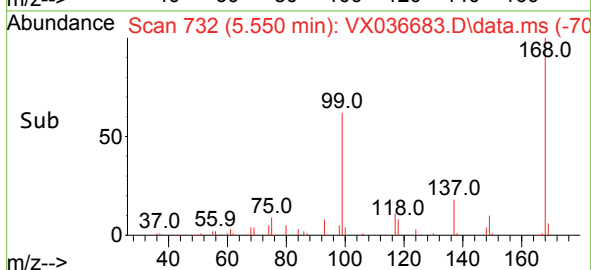
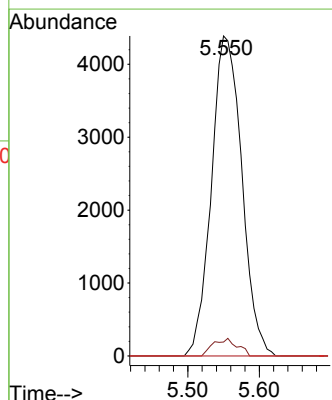
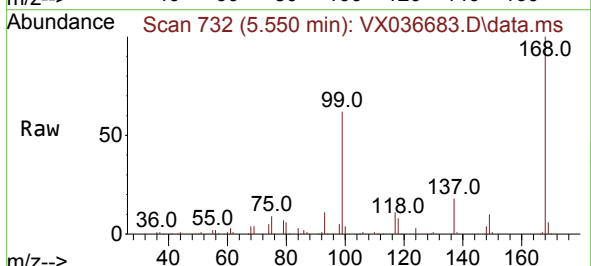


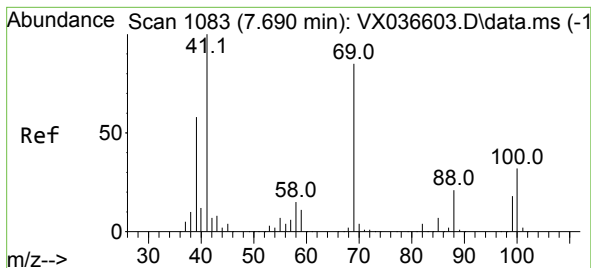
Tgt Ion: 75 Resp: 10104
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.474 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036683.D
Acq: 27 Jul 2023 17:54

Tgt Ion: 117 Resp: 12958
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#





#48

Methyl methacrylate

Concen: 0.346 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.012 min

Lab File: VX036683.D

Acq: 27 Jul 2023 17:54

Instrument :

MSVOA_X

ClientSampleId :

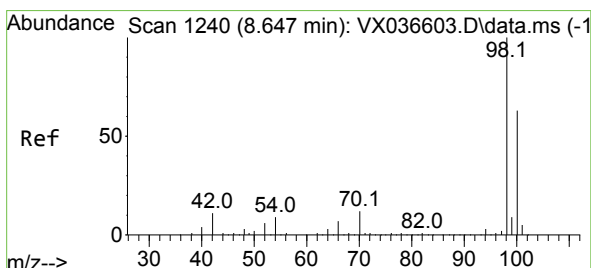
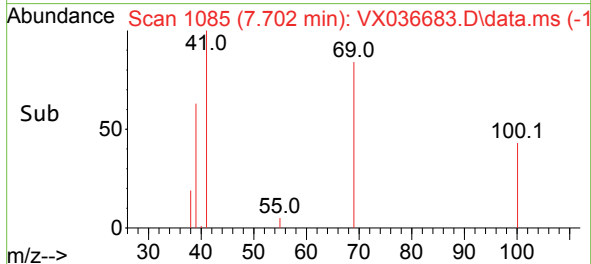
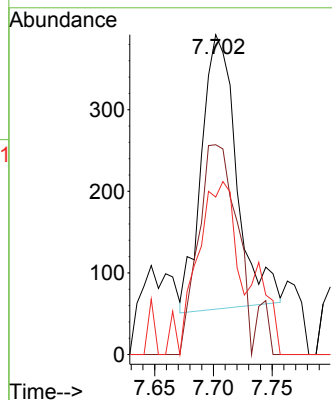
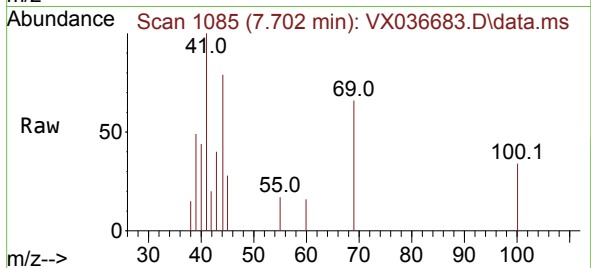
Tgt Ion: 41 Resp: 699

Ion Ratio Lower Upper

41 100

69 89.4 59.2 88.8#

39 71.0 47.7 71.5



#50

Toluene-d8

Concen: 48.585 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX036683.D

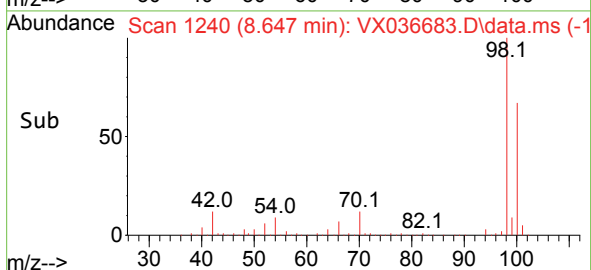
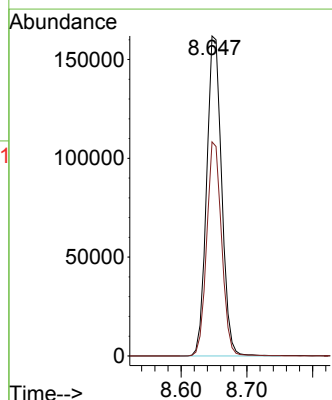
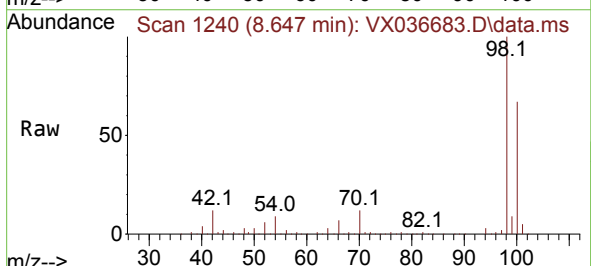
Acq: 27 Jul 2023 17:54

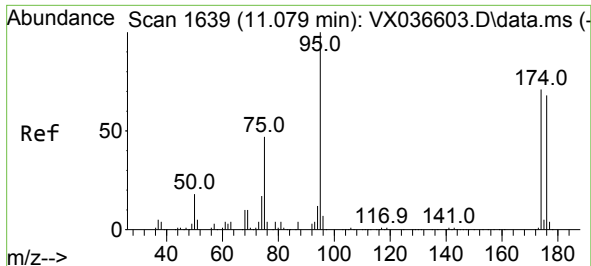
Tgt Ion: 98 Resp: 257380

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7

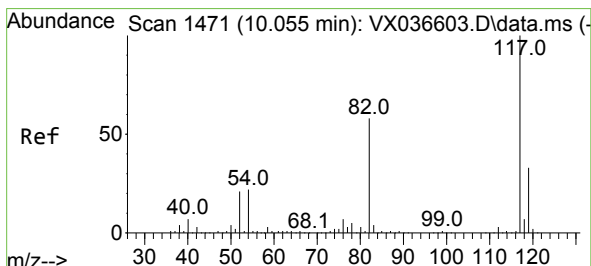
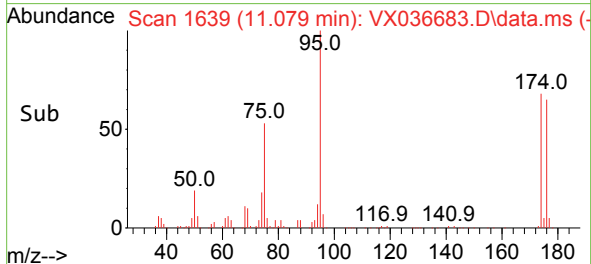
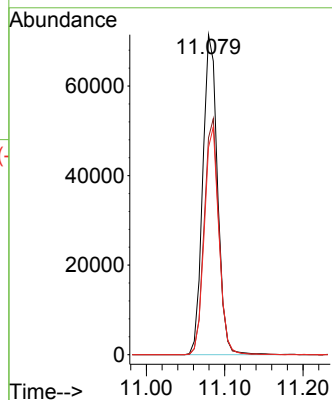
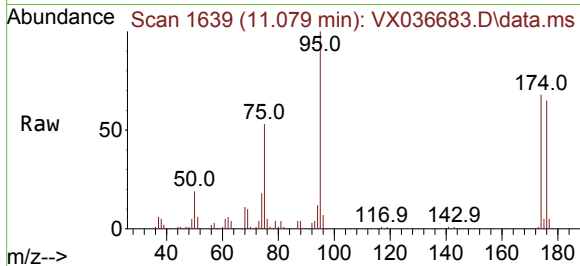




#62
4-Bromofluorobenzene
Concen: 46.750 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036683.D
Acq: 27 Jul 2023 17:54

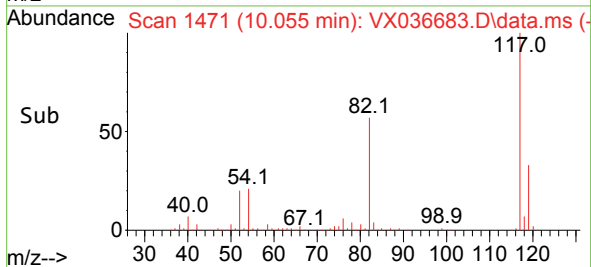
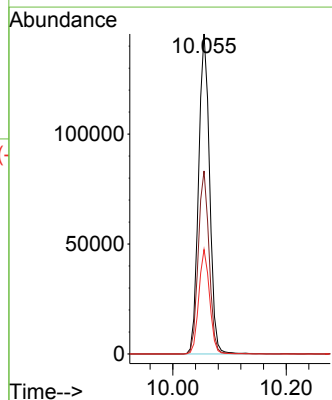
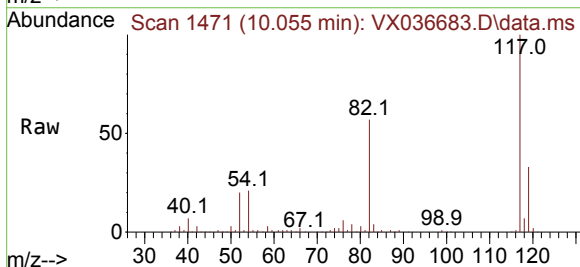
Instrument :
MSVOA_X
ClientSampleId :

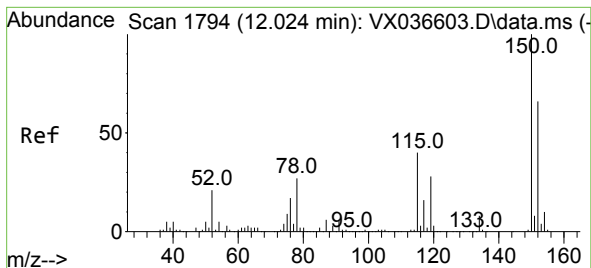
Tgt Ion: 95 Resp: 93438
Ion Ratio Lower Upper
95 100
174 73.1 0.0 135.6
176 70.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036683.D
Acq: 27 Jul 2023 17:54

Tgt Ion: 117 Resp: 196232
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 32.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036683.D

Acq: 27 Jul 2023 17:54

Instrument :

MSVOA_X

ClientSampleId :

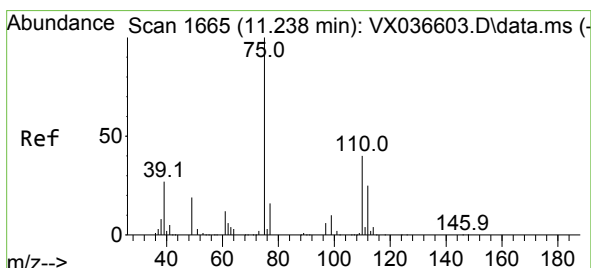
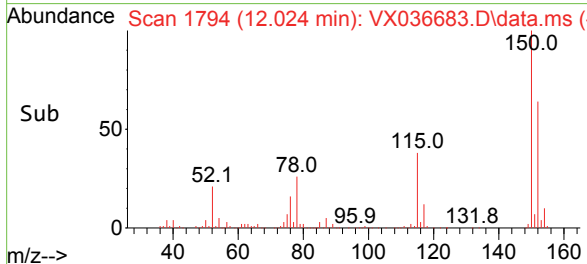
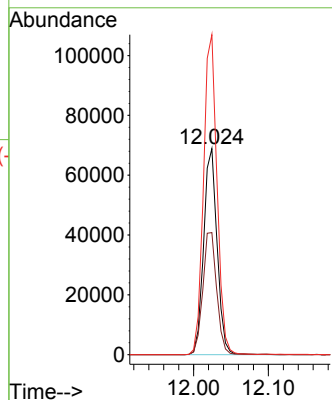
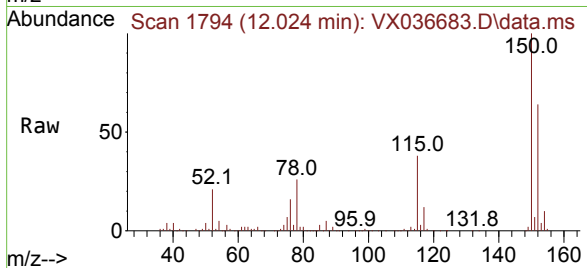
Tgt Ion:152 Resp: 85890

Ion Ratio Lower Upper

152 100

115 61.4 43.3 129.9

150 156.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.937 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036683.D

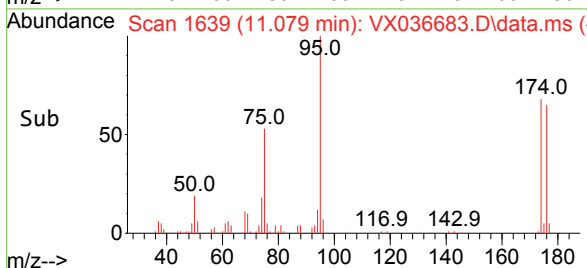
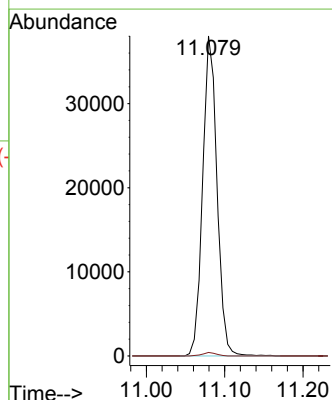
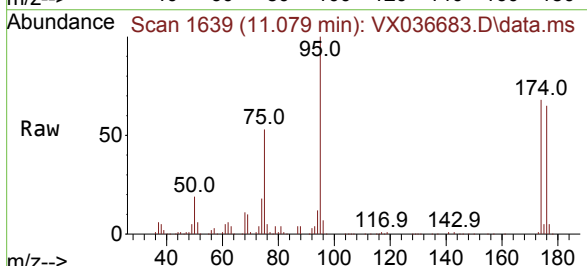
Acq: 27 Jul 2023 17:54

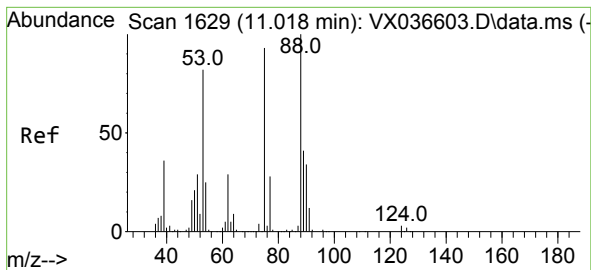
Tgt Ion: 75 Resp: 48358

Ion Ratio Lower Upper

75 100

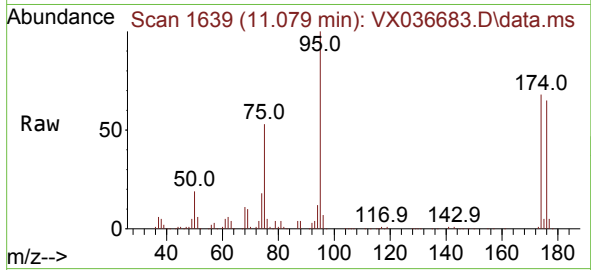
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.254 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036683.D
 Acq: 27 Jul 2023 17:54

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 48358
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

