

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072723\
 Data File : VX036687.D
 Acq On : 27 Jul 2023 19:31
 Operator : JC/MD
 Sample : 03811-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 28 06:16:36 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)

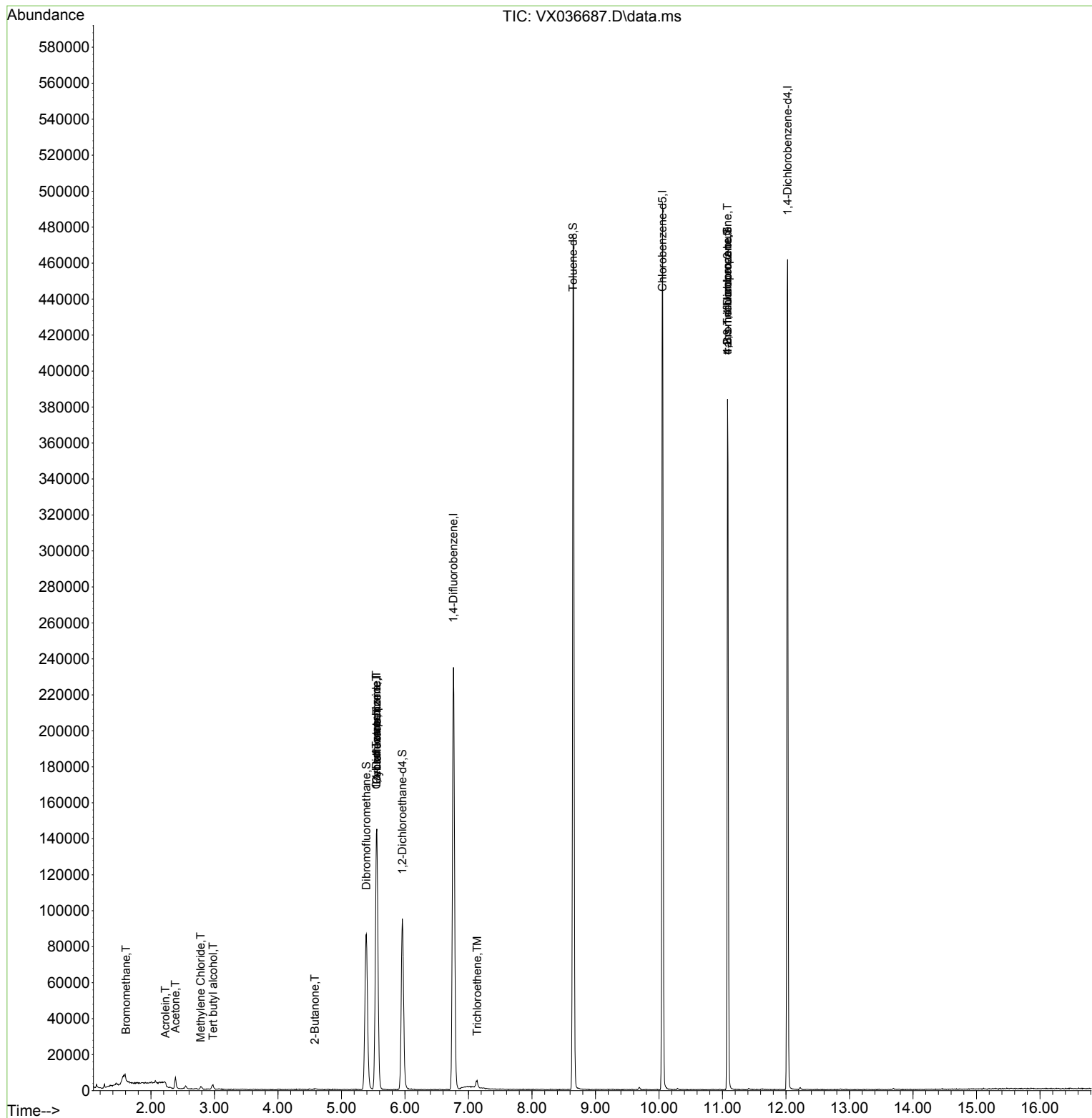
Internal Standards						
1) Pentafluorobenzene	5.556	168	133460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	242234	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89563	45.354	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.700%
35) Dibromofluoromethane	5.391	113	76529	45.964	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.920%
50) Toluene-d8	8.647	98	289618	49.051	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.100%
62) 4-Bromofluorobenzene	11.079	95	104867	47.076	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.160%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	276	0.283	ug/l	84
11) Tert butyl alcohol	2.977	59	3110	6.652	ug/l #	94
13) Acrolein	2.227	56	266	0.997	ug/l #	14
16) Acetone	2.386	43	6055	7.389	ug/l #	87
20) Methylene Chloride	2.782	84	819	0.449	ug/l #	82
25) 2-Butanone	4.581	43	351	0.264	ug/l #	51
31) Cyclohexane	5.556	56	3194	1.168	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11189	4.509	ug/l #	51
38) Carbon Tetrachloride	5.550	117	14272	5.409	ug/l #	15
44) Trichloroethene	7.135	130	1451	0.769	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	54727	24.435	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	54727	55.384	ug/l #	5

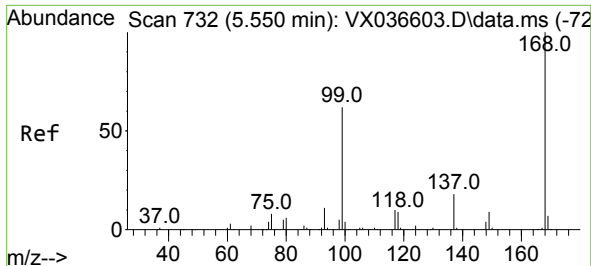
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072723\
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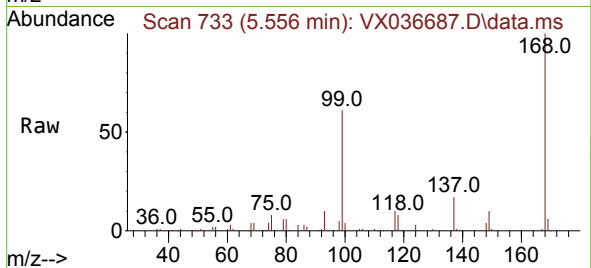
Quant Time: Jul 28 06:16:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



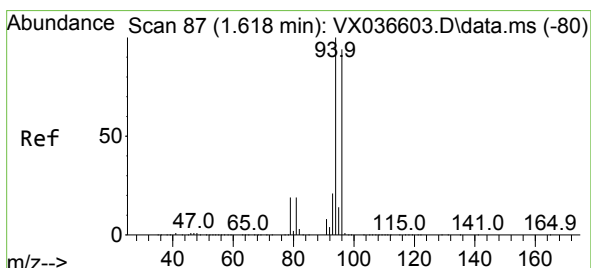
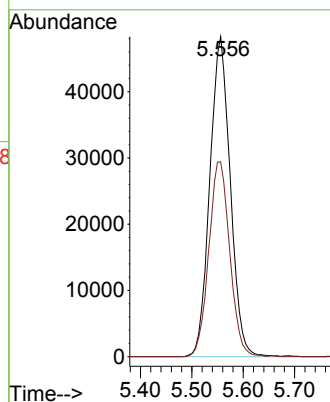
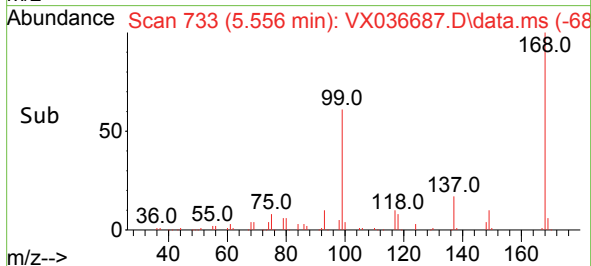


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036687.D
Acq: 27 Jul 2023 19:31

Instrument :
MSVOA_X
ClientSampleId :

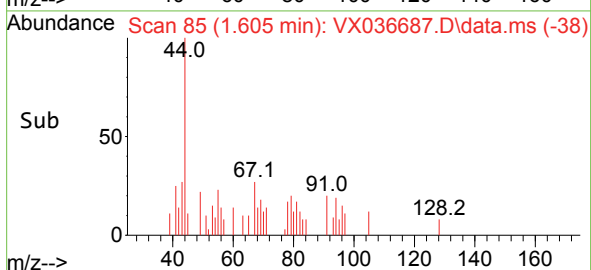
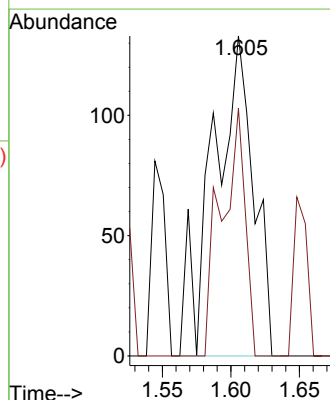
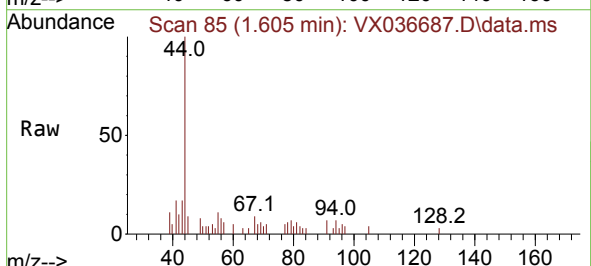


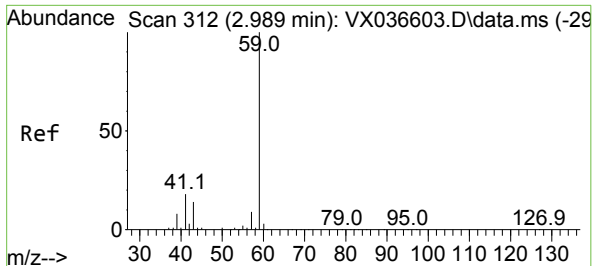
Tgt Ion:168 Resp: 133460
Ion Ratio Lower Upper
168 100
99 60.9 56.6 85.0



#5
Bromomethane
Concen: 0.283 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.012 min
Lab File: VX036687.D
Acq: 27 Jul 2023 19:31

Tgt Ion: 94 Resp: 276
Ion Ratio Lower Upper
94 100
96 77.4 74.6 111.8

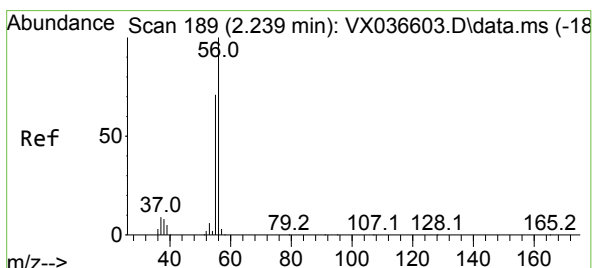
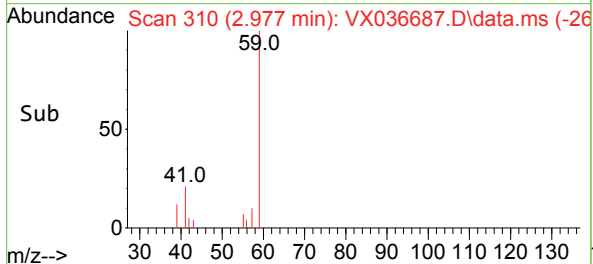
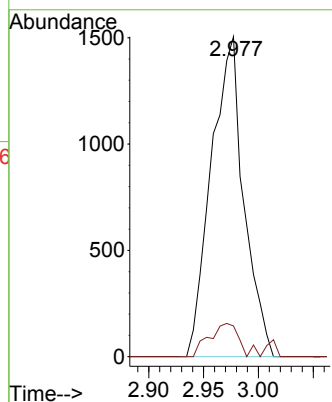
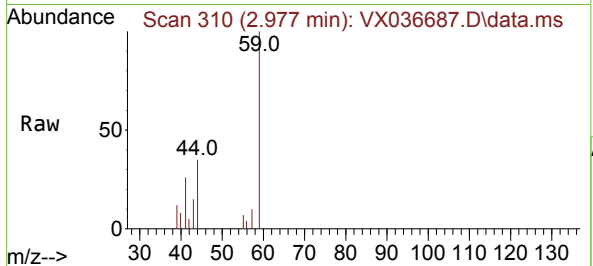




#11
Tert butyl alcohol
Concen: 6.652 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX036687.D
Acq: 27 Jul 2023 19:31

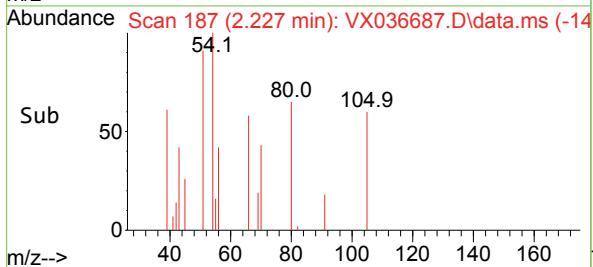
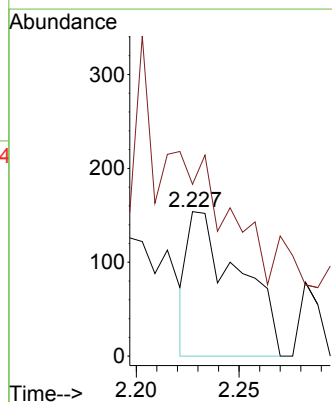
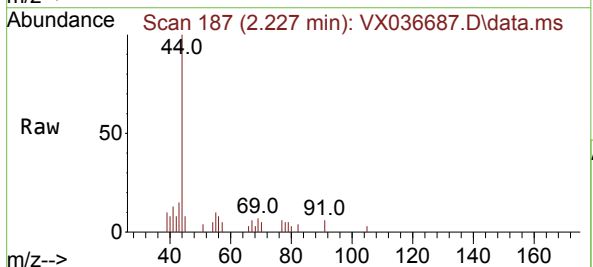
Instrument :
MSVOA_X
ClientSampleId :

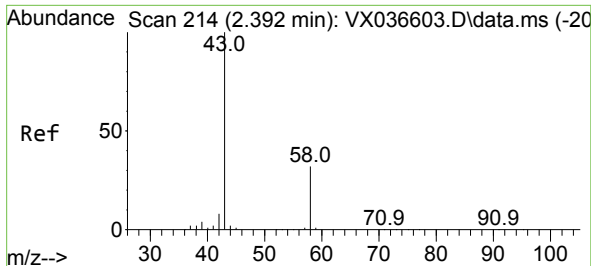
Tgt Ion: 59 Resp: 3110
Ion Ratio Lower Upper
59 100
57 9.7 6.0 9.0#



#13
Acrolein
Concen: 0.997 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.012 min
Lab File: VX036687.D
Acq: 27 Jul 2023 19:31

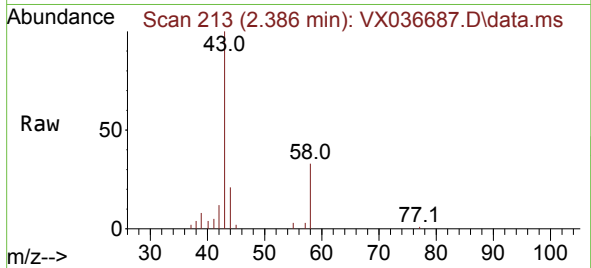
Tgt Ion: 56 Resp: 266
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



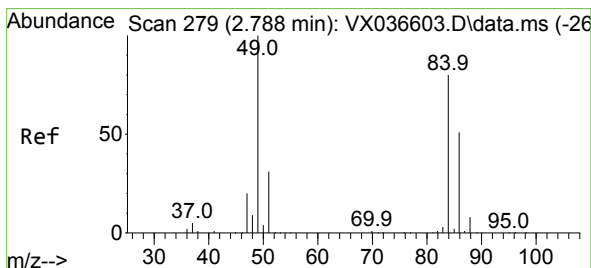
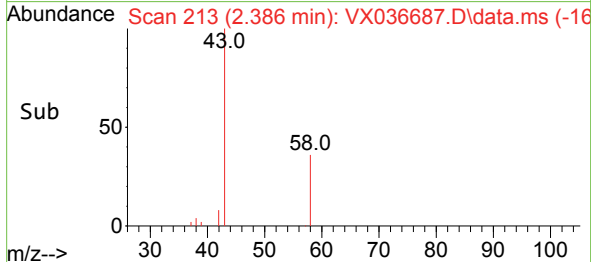
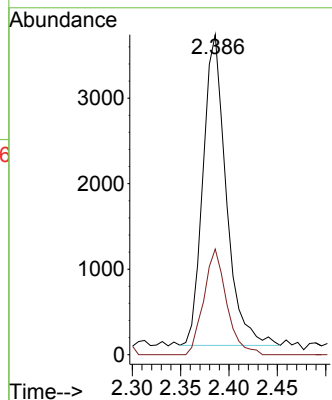


#16
Acetone
Concen: 7.389 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX036687.D
Acq: 27 Jul 2023 19:31

Instrument :
MSVOA_X
ClientSampleId :

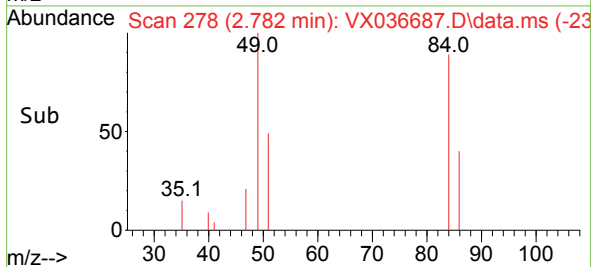
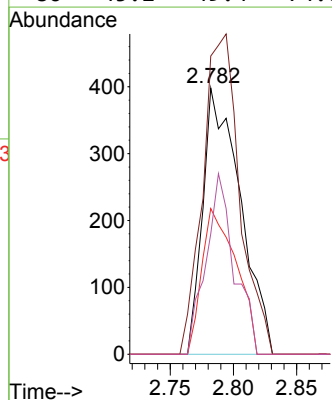
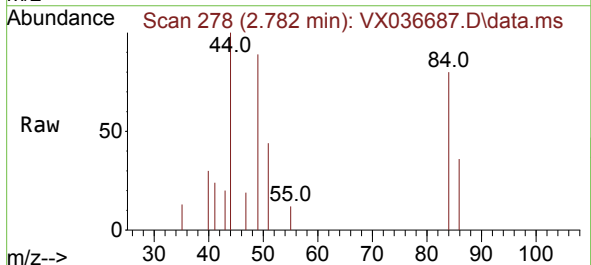


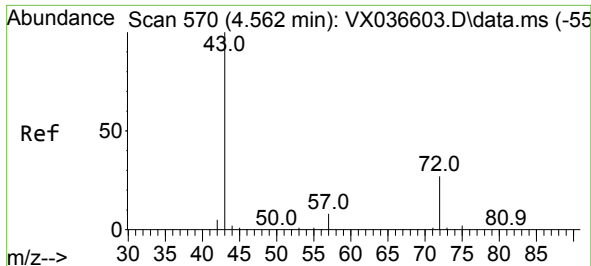
Tgt Ion: 43 Resp: 6055
Ion Ratio Lower Upper
43 100
58 34.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.449 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX036687.D
Acq: 27 Jul 2023 19:31

Tgt Ion: 84 Resp: 819
Ion Ratio Lower Upper
84 100
49 112.1 103.6 155.4
51 54.8 33.8 50.6#
86 45.2 49.4 74.0#

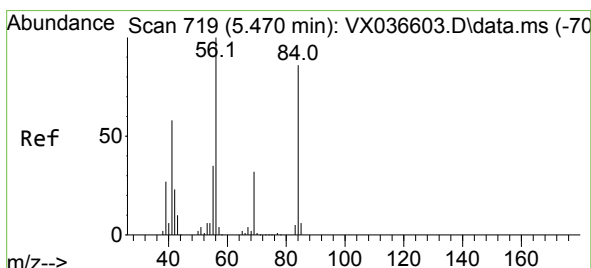
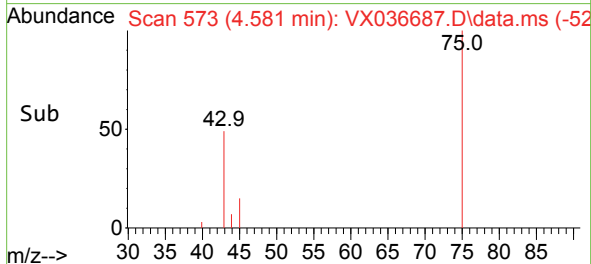
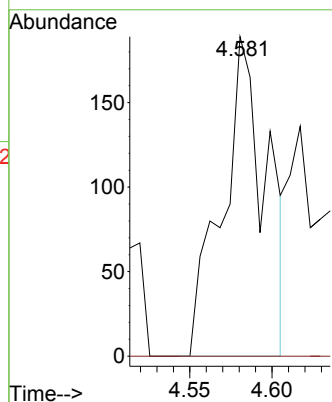
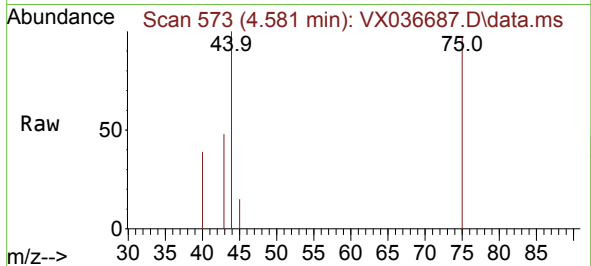




#25
2-Butanone
Concen: 0.264 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX036687.D
Acq: 27 Jul 2023 19:31

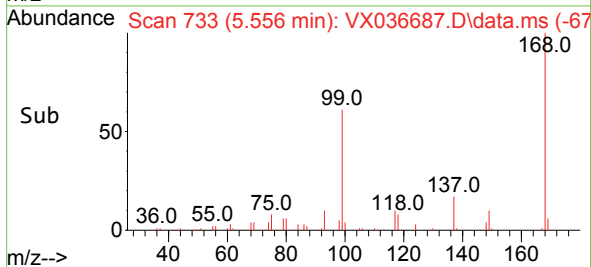
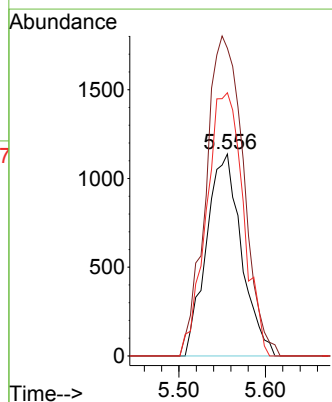
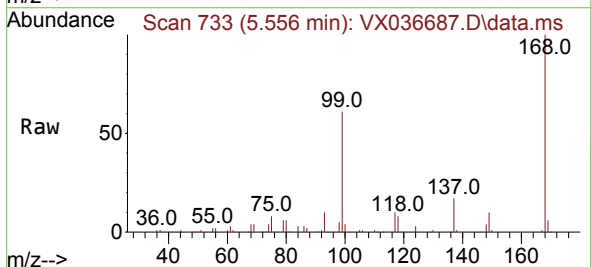
Instrument :
MSVOA_X
ClientSampleId :

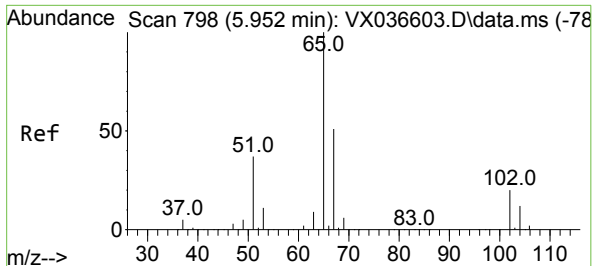
Tgt Ion: 43 Resp: 351
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.168 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX036687.D
Acq: 27 Jul 2023 19:31

Tgt Ion: 56 Resp: 3194
Ion Ratio Lower Upper
56 100
69 152.4 23.4 35.2#
84 130.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.354 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036687.D

Acq: 27 Jul 2023 19:31

Instrument :

MSVOA_X

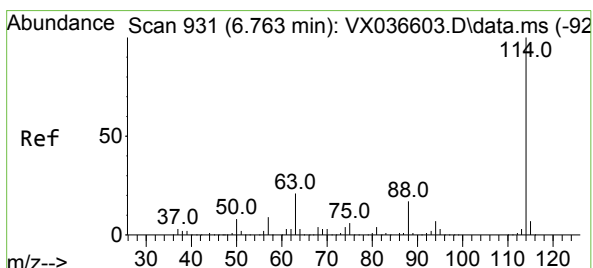
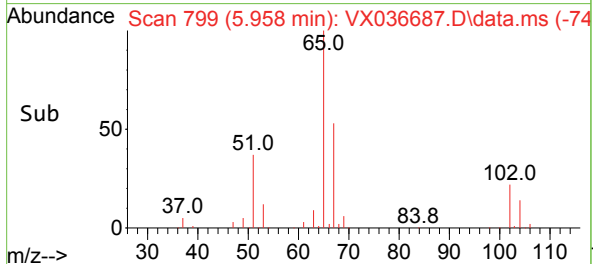
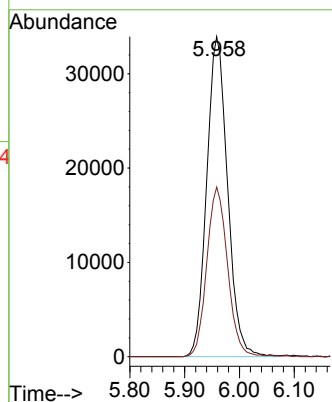
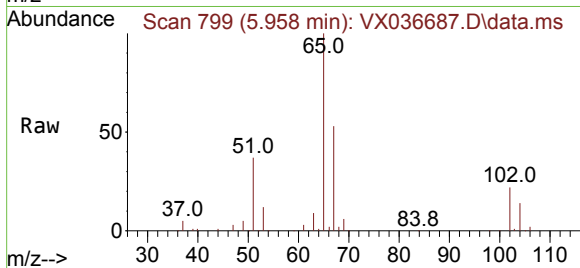
ClientSampleId :

Tgt Ion: 65 Resp: 89563

Ion Ratio Lower Upper

65 100

67 52.7 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: VX036687.D

Acq: 27 Jul 2023 19:31

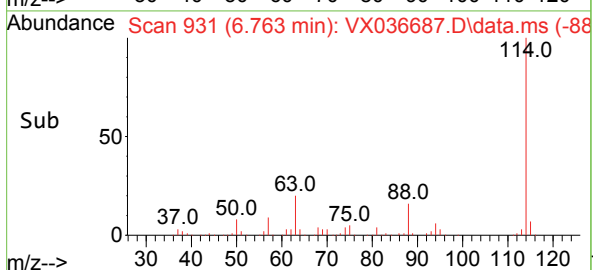
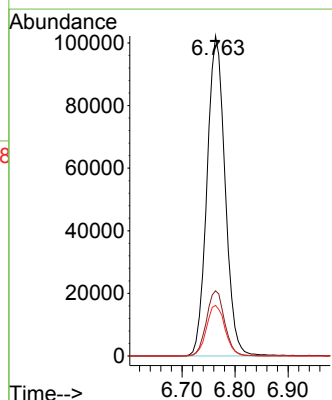
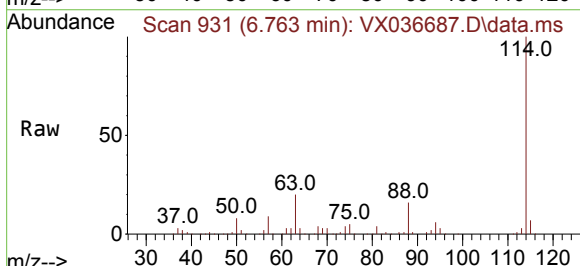
Tgt Ion: 114 Resp: 242234

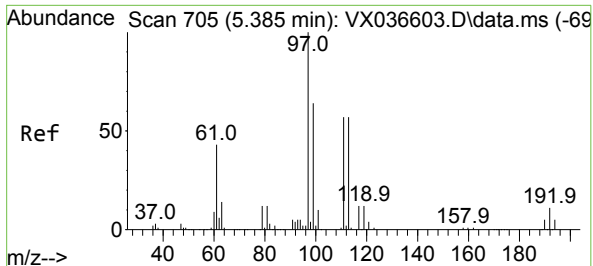
Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.0

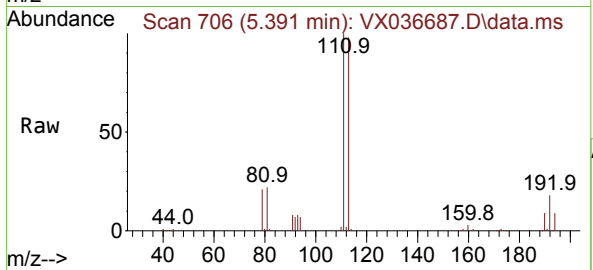
88 15.8 0.0 36.6



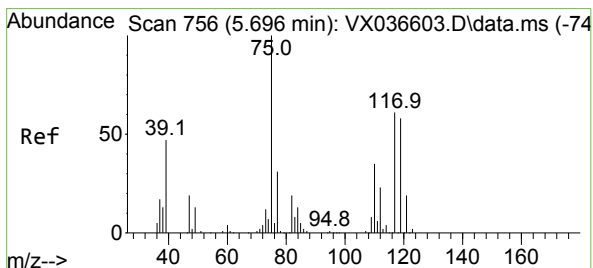
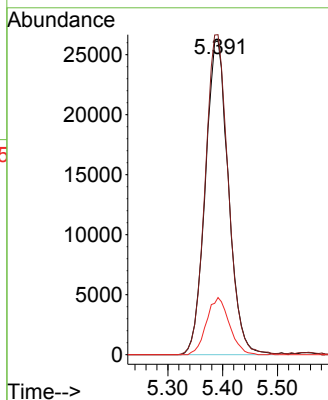
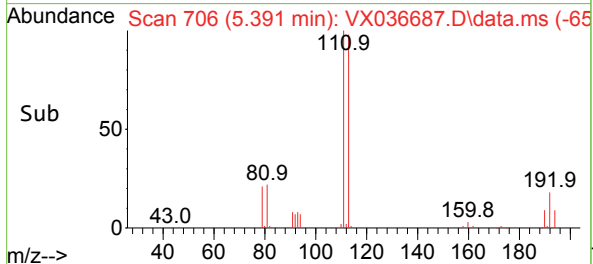


#35
Dibromofluoromethane
Concen: 45.964 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036687.D
Acq: 27 Jul 2023 19:31

Instrument :
MSVOA_X
ClientSampleId :

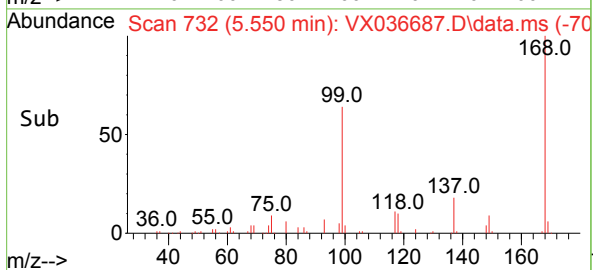
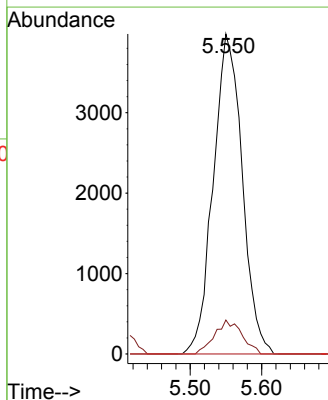
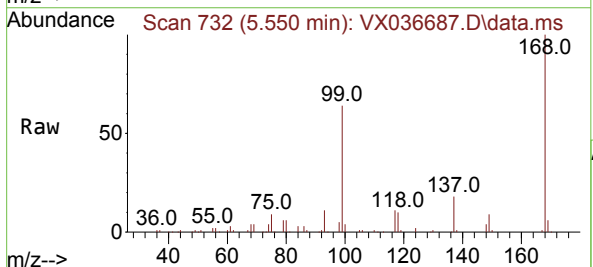


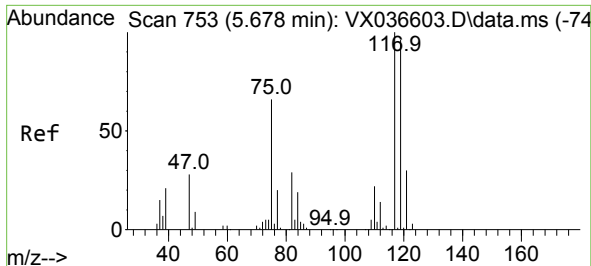
Tgt Ion:113 Resp: 76529
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.509 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036687.D
Acq: 27 Jul 2023 19:31

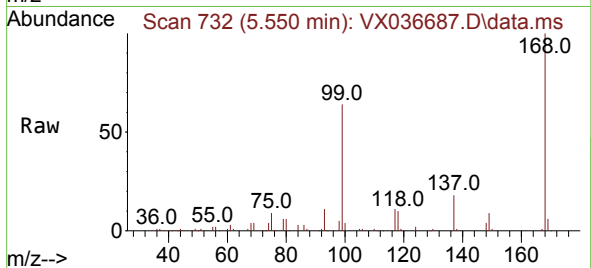
Tgt Ion: 75 Resp: 11189
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



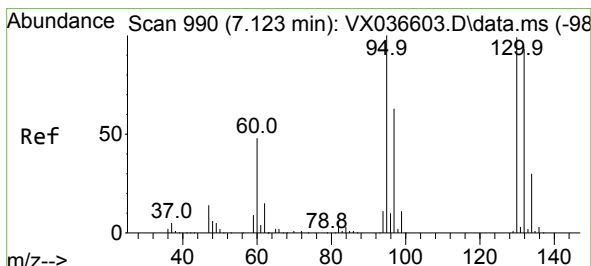
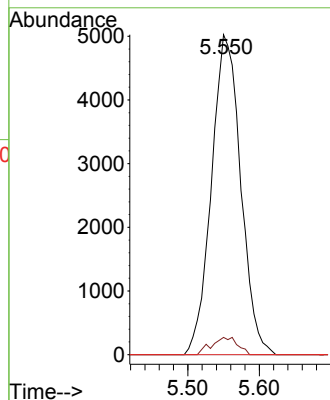
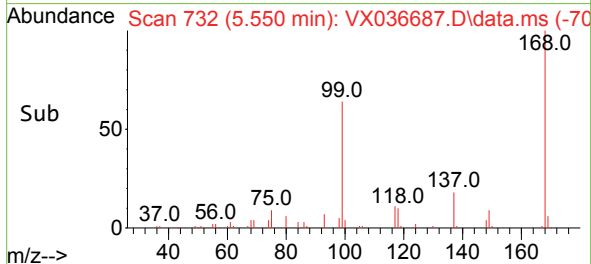


#38
Carbon Tetrachloride
Concen: 5.409 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036687.D
Acq: 27 Jul 2023 19:31

Instrument :
MSVOA_X
ClientSampleId :

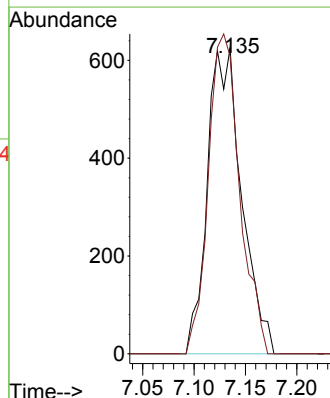
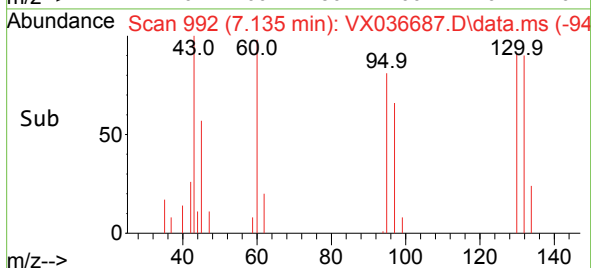
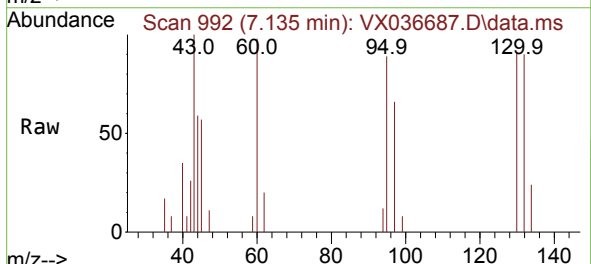


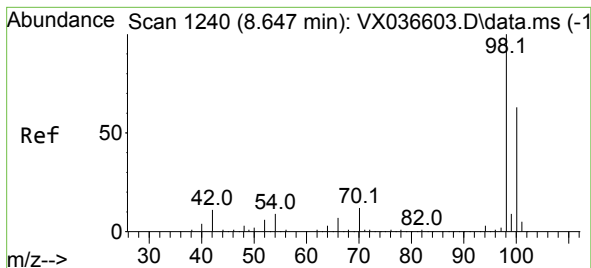
Tgt Ion:117 Resp: 14272
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.769 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX036687.D
Acq: 27 Jul 2023 19:31

Tgt Ion:130 Resp: 1451
Ion Ratio Lower Upper
130 100
95 97.1 0.0 204.4





#50

Toluene-d8

Concen: 49.051 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036687.D

Acq: 27 Jul 2023 19:31

Instrument :

MSVOA_X

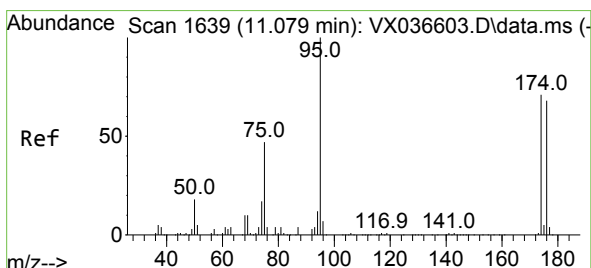
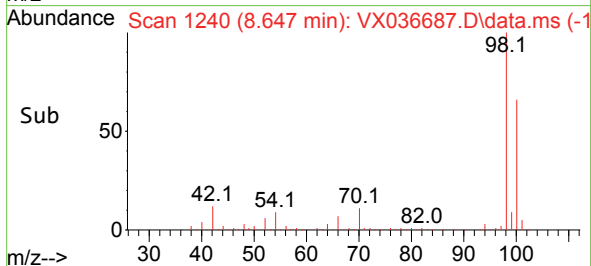
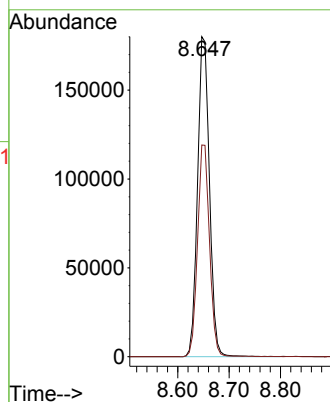
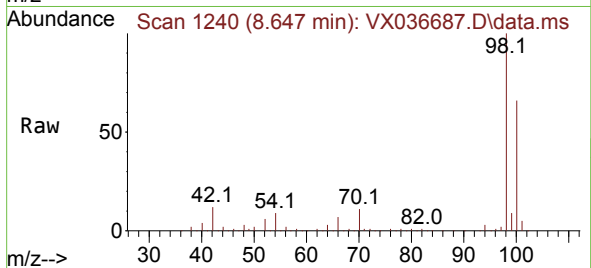
ClientSampleId :

Tgt Ion: 98 Resp: 289618

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 47.076 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036687.D

Acq: 27 Jul 2023 19:31

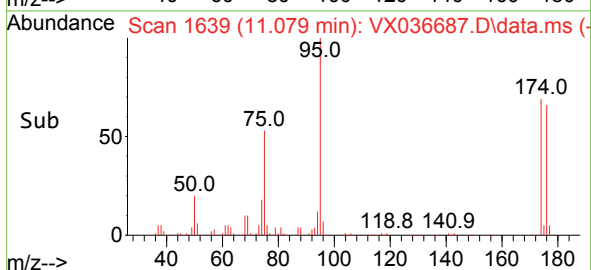
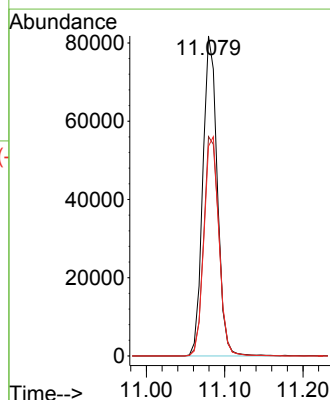
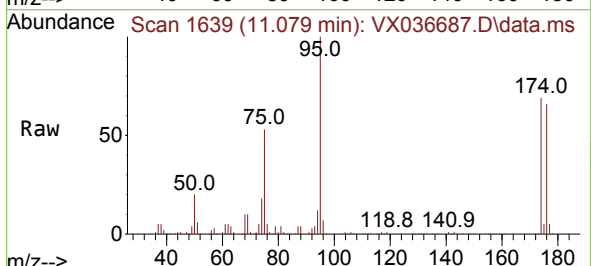
Tgt Ion: 95 Resp: 104867

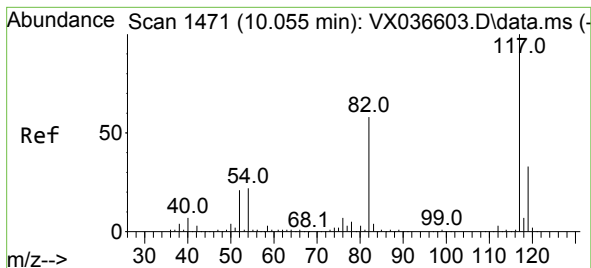
Ion Ratio Lower Upper

95 100

174 71.6 0.0 135.6

176 70.7 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: VX036687.D

Acq: 27 Jul 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

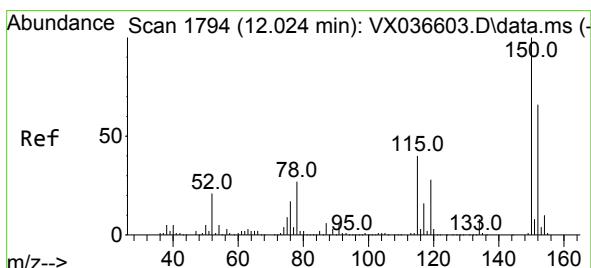
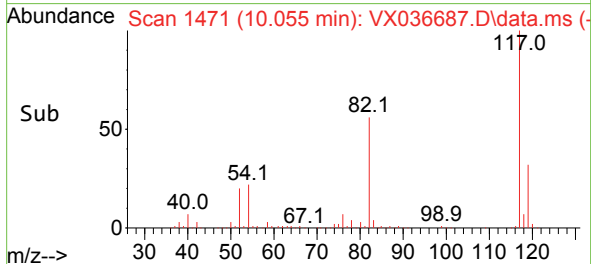
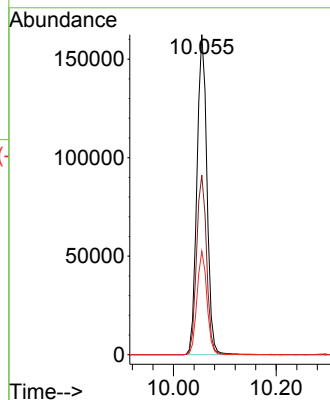
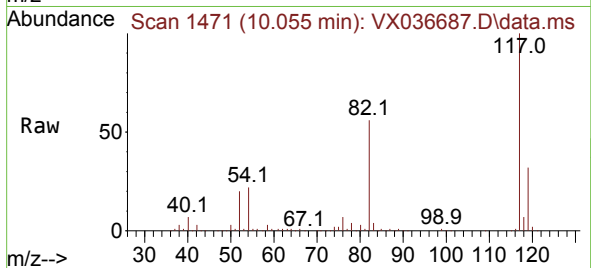
Tgt Ion:117 Resp: 220294

Ion Ratio Lower Upper

117 100

82 56.1 46.2 69.4

119 32.4 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: VX036687.D

Acq: 27 Jul 2023 19:31

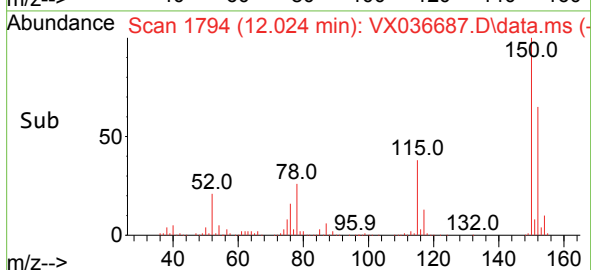
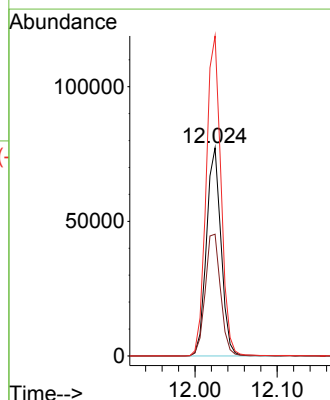
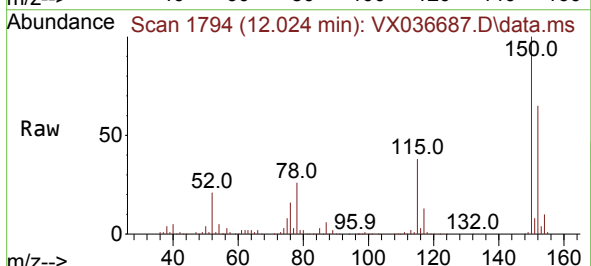
Tgt Ion:152 Resp: 95220

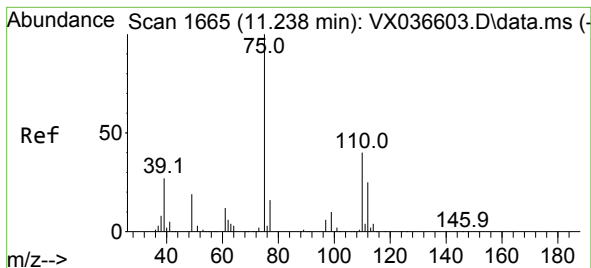
Ion Ratio Lower Upper

152 100

115 61.6 43.3 129.9

150 156.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.435 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX036687.D

Acq: 27 Jul 2023 19:31

Instrument :

MSVOA_X

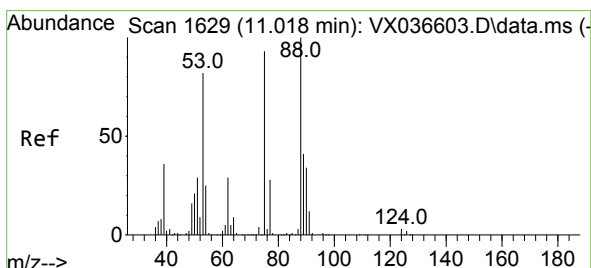
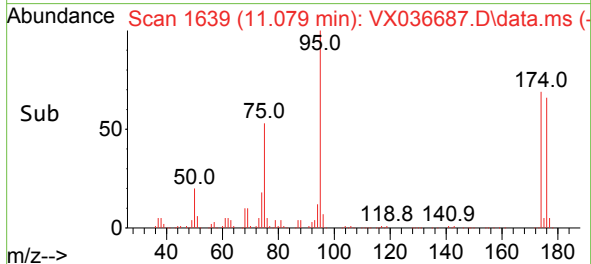
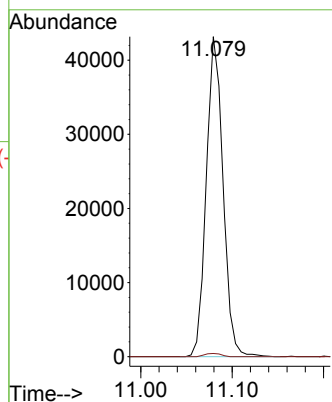
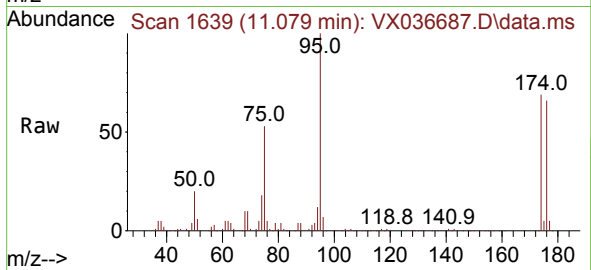
ClientSampleId :

Tgt Ion: 75 Resp: 54727

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 55.384 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036687.D

Acq: 27 Jul 2023 19:31

Tgt Ion: 75 Resp: 54727

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

