

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072723\
 Data File : VX036677.D
 Acq On : 27 Jul 2023 15:28
 Operator : JC/MD
 Sample : 03782-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 28 06:13:05 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)

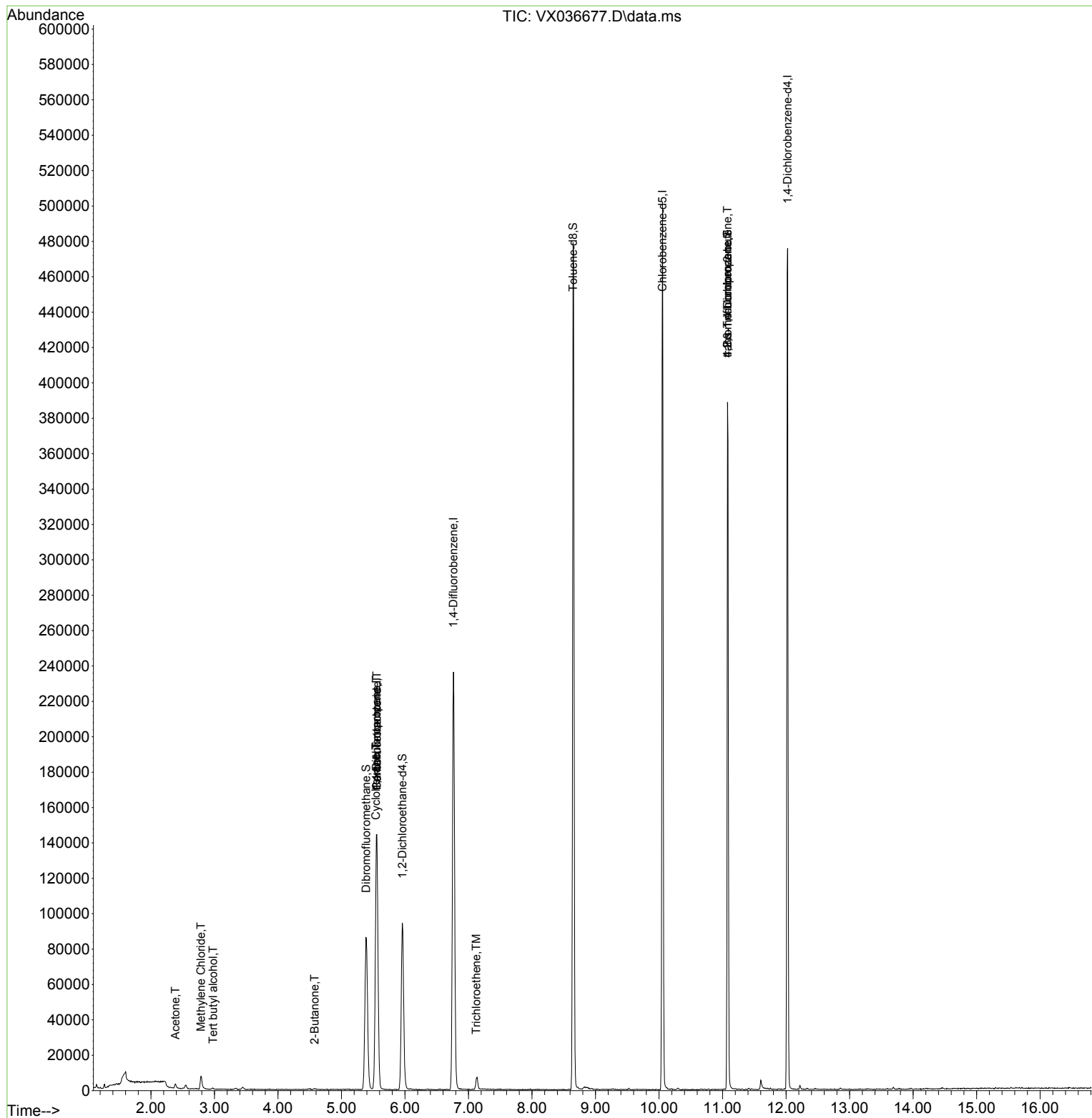
Internal Standards						
1) Pentafluorobenzene	5.556	168	135225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243314	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89471	44.716	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.440%
35) Dibromofluoromethane	5.385	113	75971	45.426	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.860%
50) Toluene-d8	8.647	98	290923	49.054	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.100%
62) 4-Bromofluorobenzene	11.079	95	108449	48.467	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.940%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	572	1.208	ug/l #	49
16) Acetone	2.386	43	2931	3.530	ug/l	92
20) Methylene Chloride	2.788	84	4187	2.268	ug/l #	88
25) 2-Butanone	4.574	43	486	0.361	ug/l #	51
31) Cyclohexane	5.544	56	3176	1.146	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11081	4.445	ug/l #	51
38) Carbon Tetrachloride	5.556	117	14136	5.334	ug/l #	15
44) Trichloroethene	7.123	130	2740	1.445	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	55406	23.702	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55406	53.721	ug/l #	5

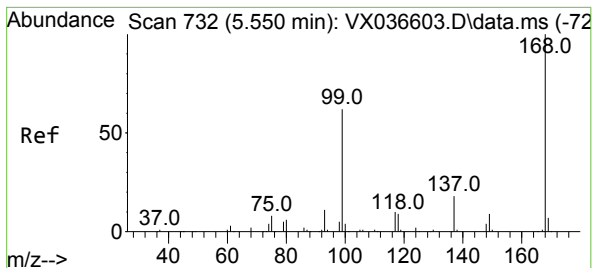
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

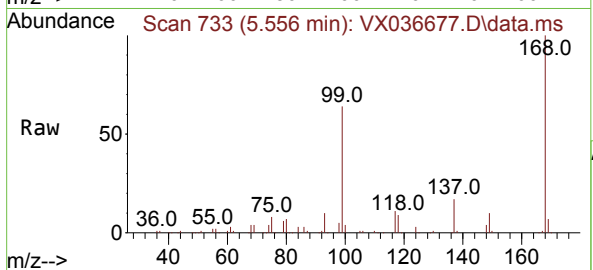
Lab File: VX036677.D

Acq: 27 Jul 2023 15:28

Instrument :

MSVOA_X

ClientSampleId :

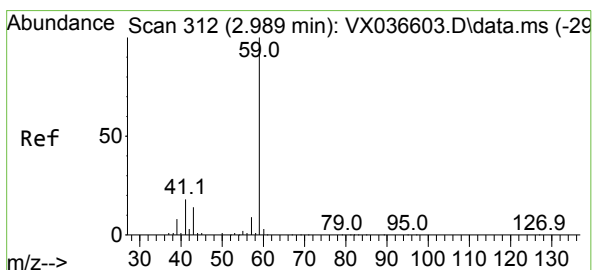
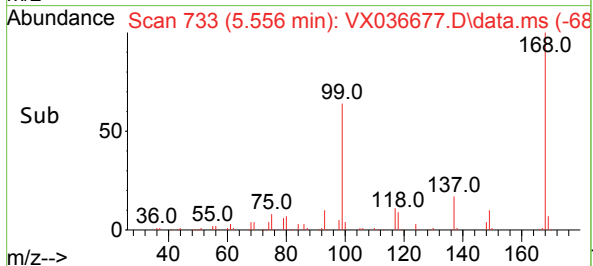
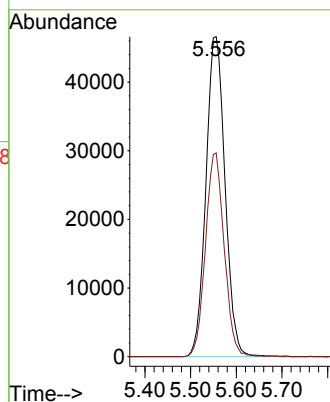


Tgt Ion:168 Resp: 135225

Ion Ratio Lower Upper

168 100

99 63.6 56.6 85.0



#11

Tert butyl alcohol

Concen: 1.208 ug/l

RT: 2.977 min Scan# 310

Delta R.T. -0.012 min

Lab File: VX036677.D

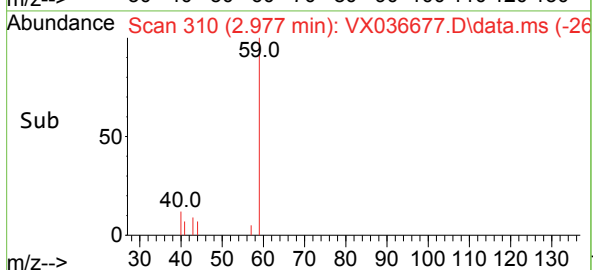
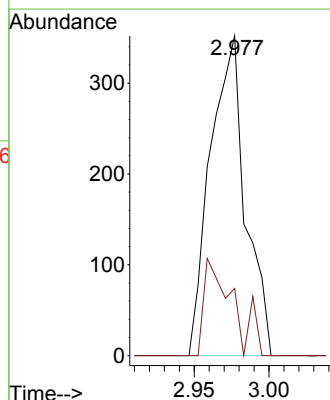
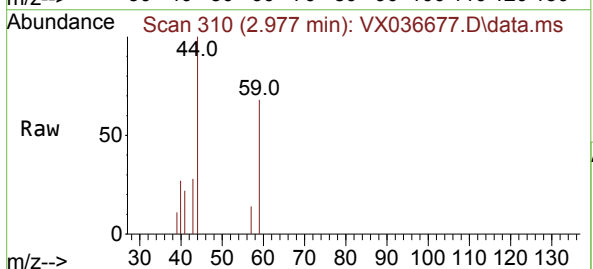
Acq: 27 Jul 2023 15:28

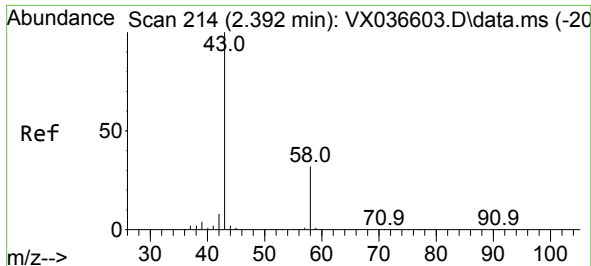
Tgt Ion: 59 Resp: 572

Ion Ratio Lower Upper

59 100

57 25.2 6.0 9.0#

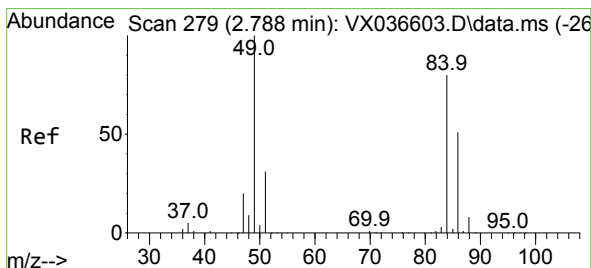
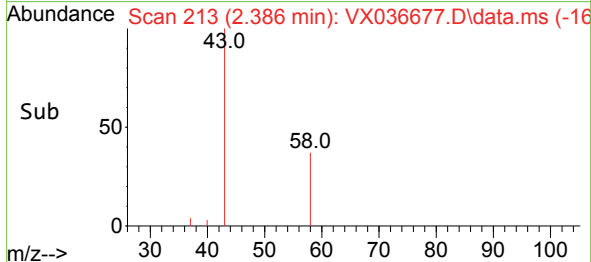
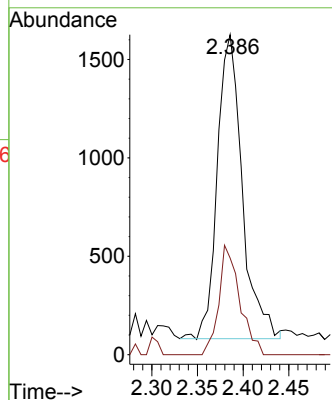
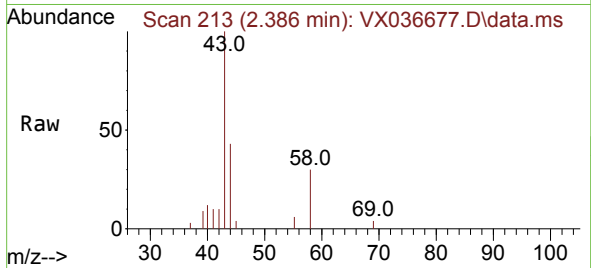




#16
Acetone
Concen: 3.530 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX036677.D
Acq: 27 Jul 2023 15:28

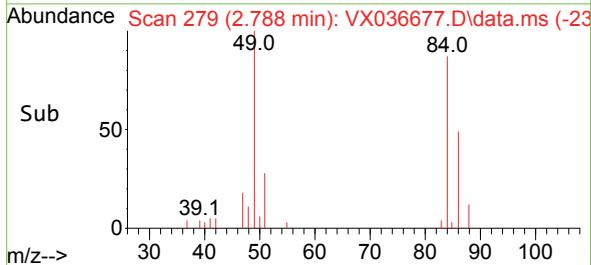
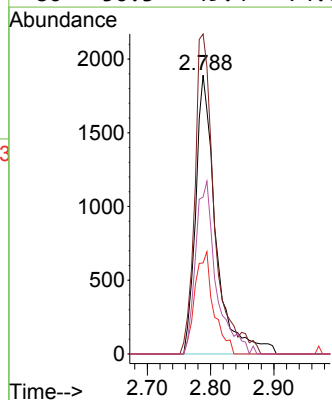
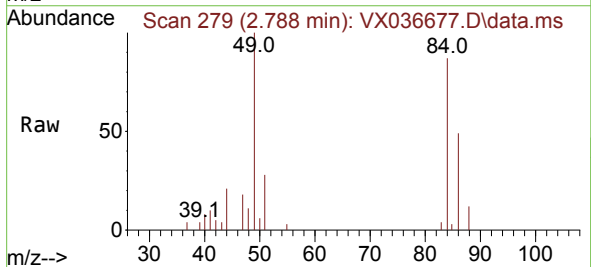
Instrument :
MSVOA_X
ClientSampleId :

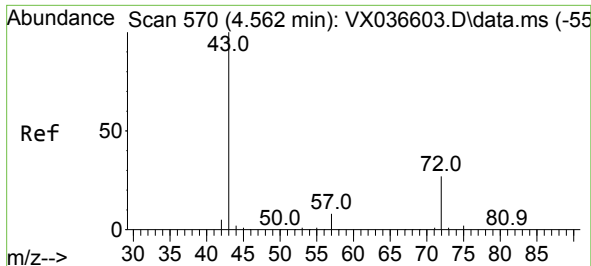
Tgt Ion: 43 Resp: 2931
Ion Ratio Lower Upper
43 100
58 31.8 21.9 32.9



#20
Methylene Chloride
Concen: 2.268 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036677.D
Acq: 27 Jul 2023 15:28

Tgt Ion: 84 Resp: 4187
Ion Ratio Lower Upper
84 100
49 114.8 103.6 155.4
51 32.6 33.8 50.6#
86 56.3 49.4 74.0

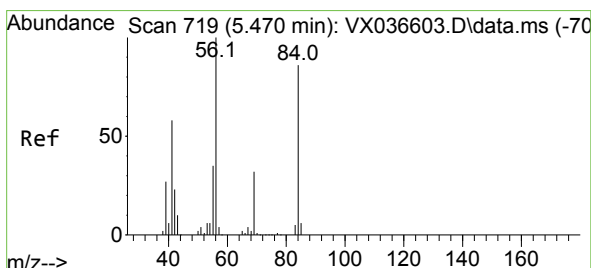
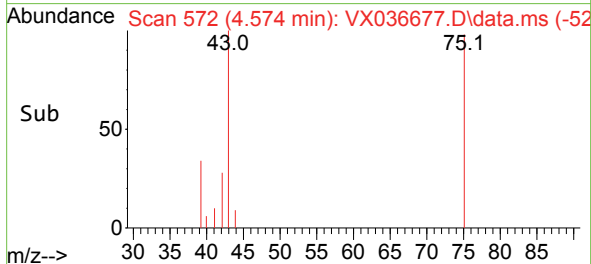
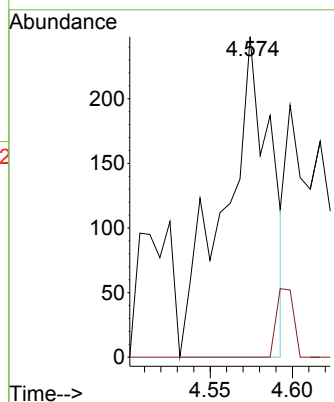
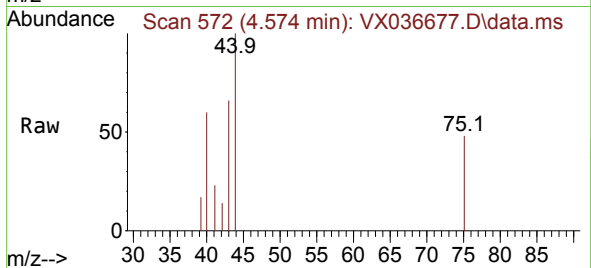




#25
2-Butanone
Concen: 0.361 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX036677.D
Acq: 27 Jul 2023 15:28

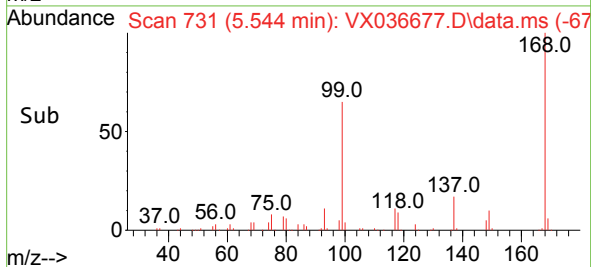
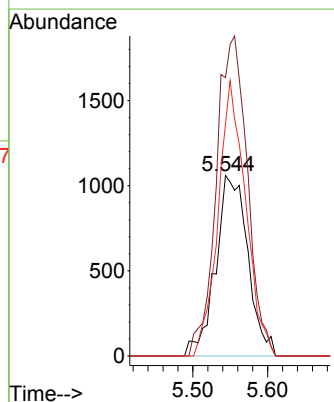
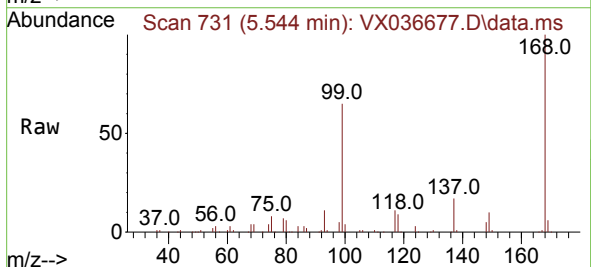
Instrument :
MSVOA_X
ClientSampleId :

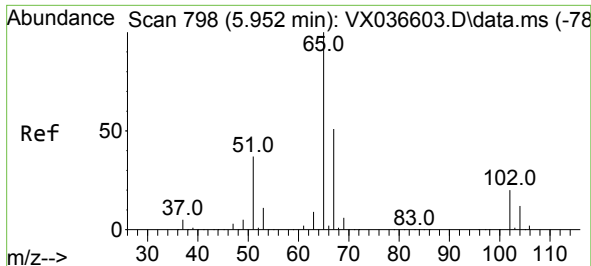
Tgt Ion: 43 Resp: 486
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.146 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX036677.D
Acq: 27 Jul 2023 15:28

Tgt Ion: 56 Resp: 3176
Ion Ratio Lower Upper
56 100
69 154.2 23.4 35.2#
84 128.4 65.9 98.9#

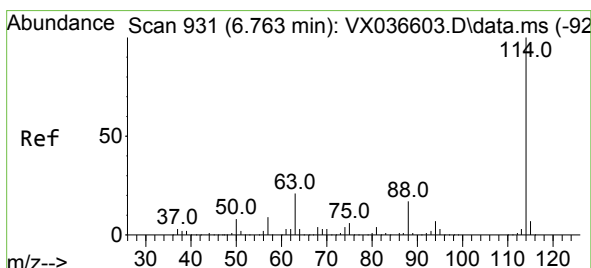
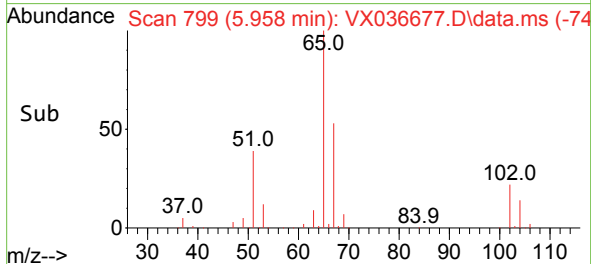
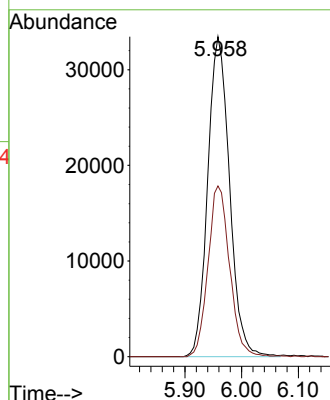
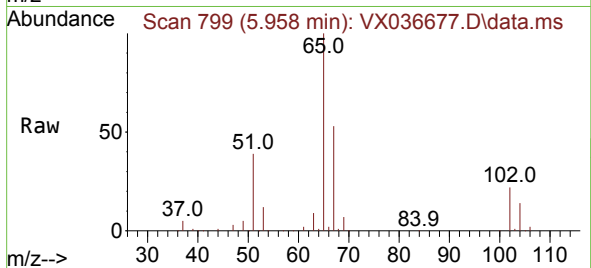




#33
 1,2-Dichloroethane-d4
 Concen: 44.716 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036677.D
 Acq: 27 Jul 2023 15:28

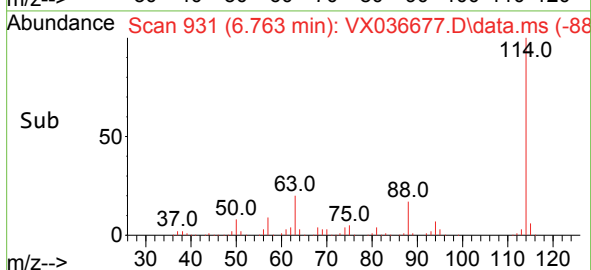
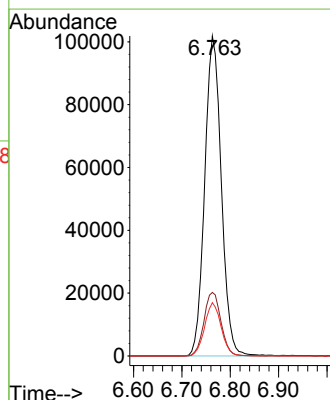
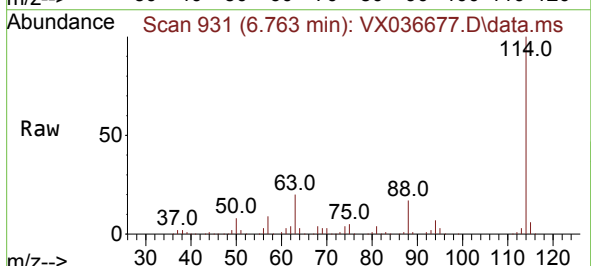
Instrument :
 MSVOA_X
 ClientSampleId :

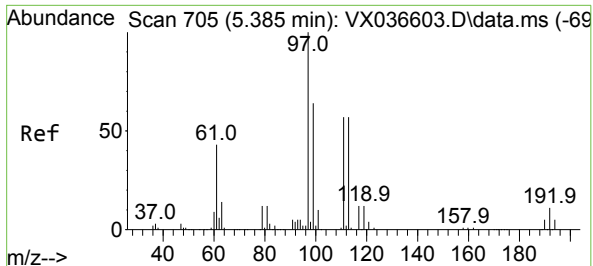
Tgt Ion: 65 Resp: 89471
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036677.D
 Acq: 27 Jul 2023 15:28

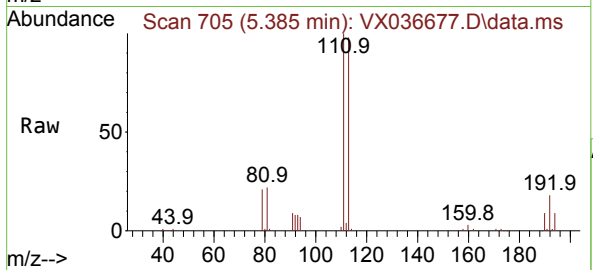
Tgt Ion: 114 Resp: 243314
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 45.0
 88 16.6 0.0 36.6



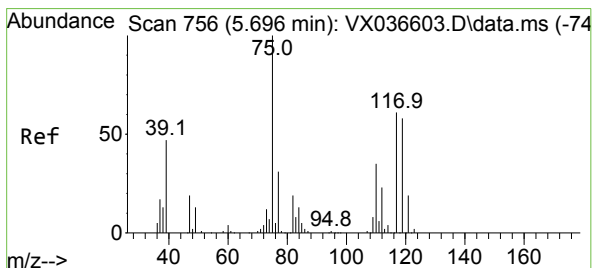
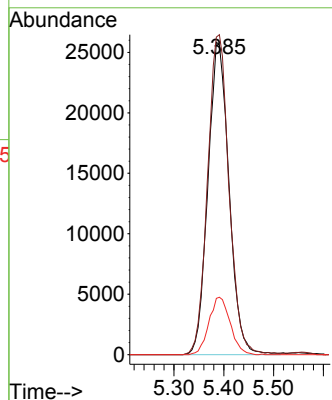
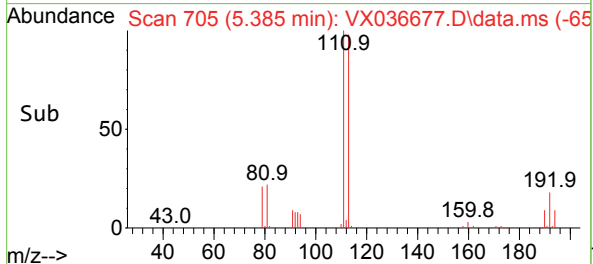


#35
Dibromofluoromethane
Concen: 45.426 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036677.D
Acq: 27 Jul 2023 15:28

Instrument :
MSVOA_X
ClientSampleId :

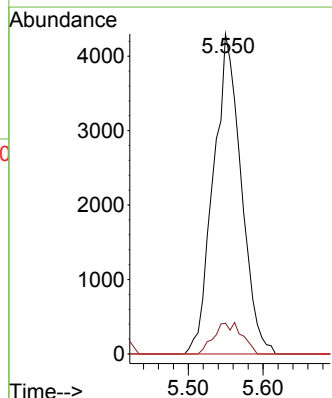
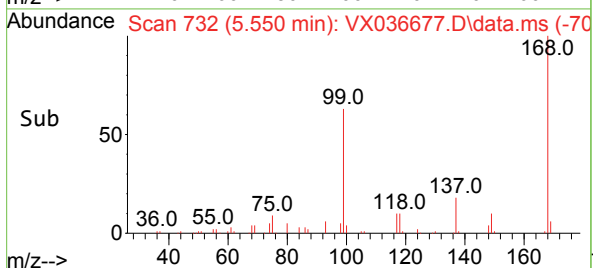
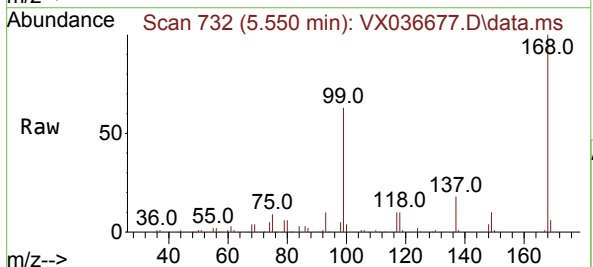


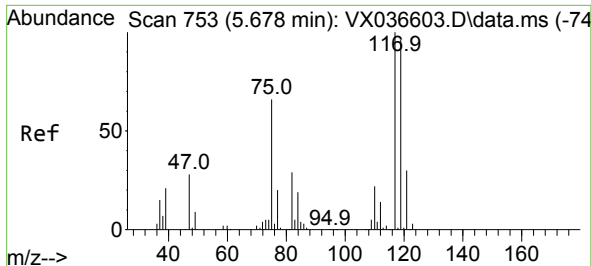
Tgt Ion:113 Resp: 75971
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 18.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.445 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036677.D
Acq: 27 Jul 2023 15:28

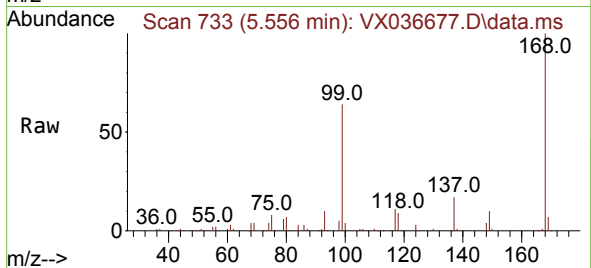
Tgt Ion: 75 Resp: 11081
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



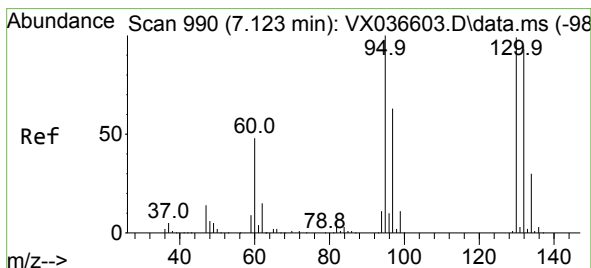
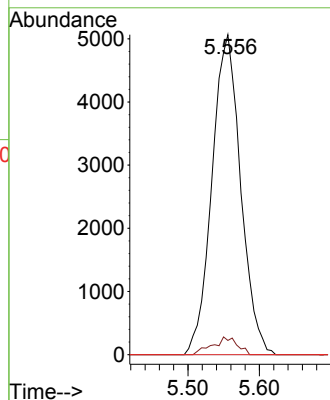
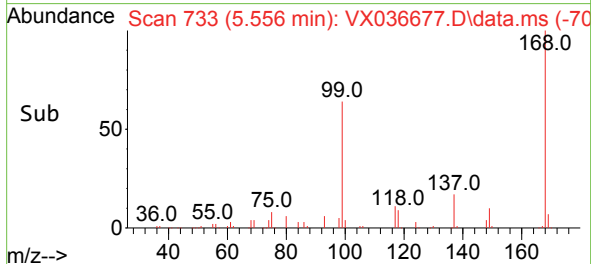


#38
Carbon Tetrachloride
Concen: 5.334 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX036677.D
Acq: 27 Jul 2023 15:28

Instrument :
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ClientSampleId :

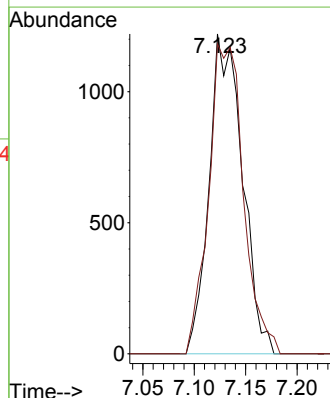
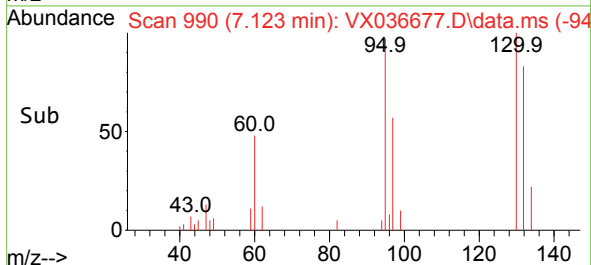
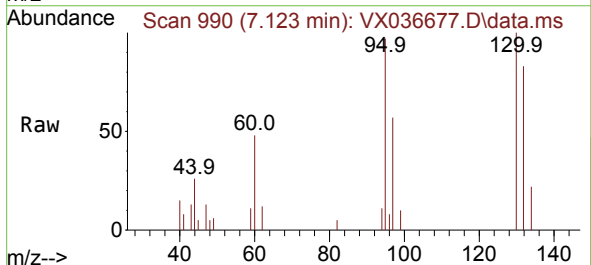


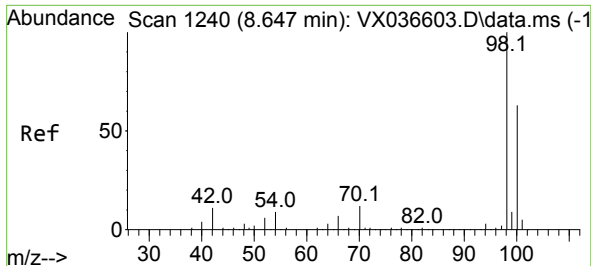
Tgt Ion:117 Resp: 14136
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.445 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX036677.D
Acq: 27 Jul 2023 15:28

Tgt Ion:130 Resp: 2740
Ion Ratio Lower Upper
130 100
95 96.9 0.0 204.4

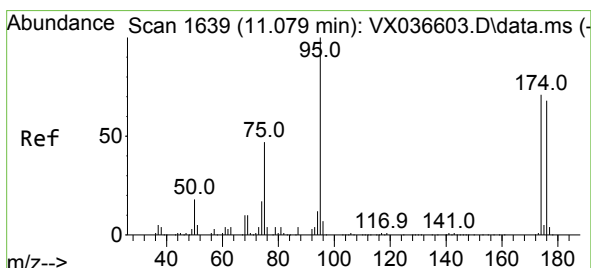
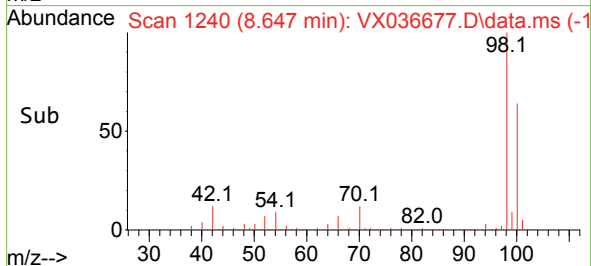
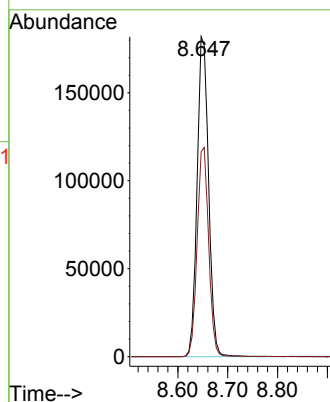
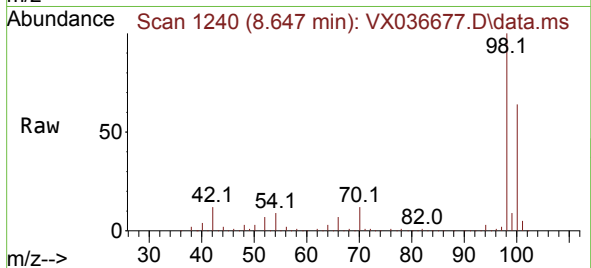




#50
Toluene-d8
Concen: 49.054 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036677.D
Acq: 27 Jul 2023 15:28

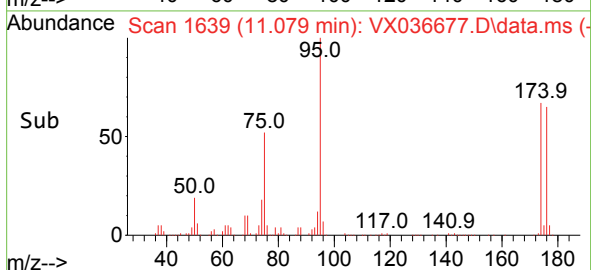
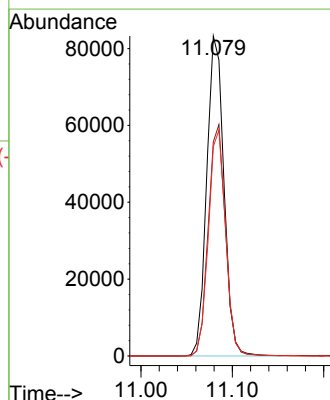
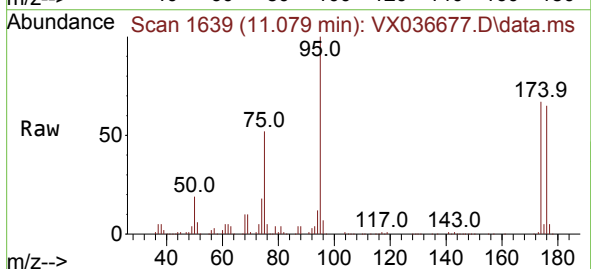
Instrument :
MSVOA_X
ClientSampleId :

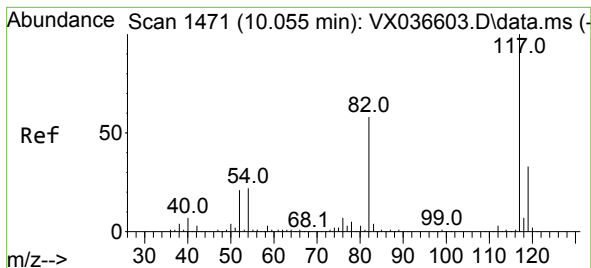
Tgt Ion: 98 Resp: 290923
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.467 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036677.D
Acq: 27 Jul 2023 15:28

Tgt Ion: 95 Resp: 108449
Ion Ratio Lower Upper
95 100
174 72.2 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: VX036677.D

Acq: 27 Jul 2023 15:28

Instrument :

MSVOA_X

ClientSampleId :

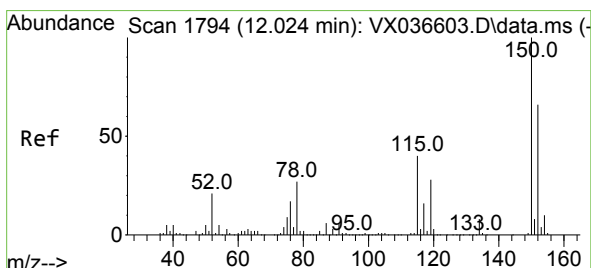
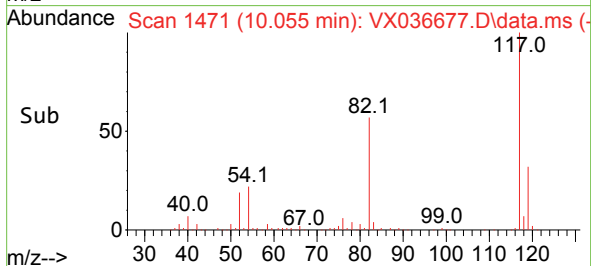
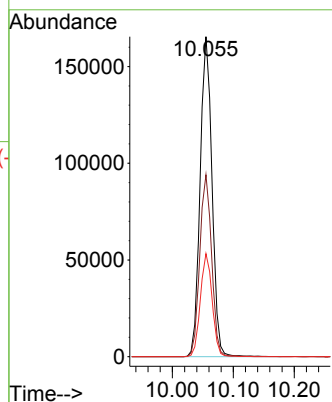
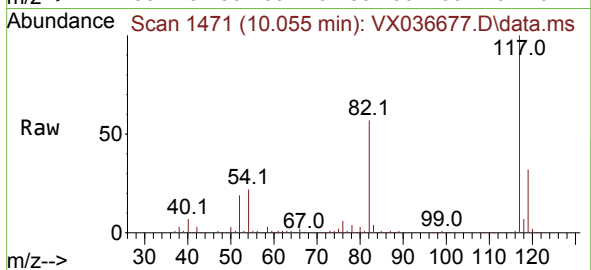
Tgt Ion:117 Resp: 223306

Ion Ratio Lower Upper

117 100

82 56.8 46.2 69.4

119 32.2 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: VX036677.D

Acq: 27 Jul 2023 15:28

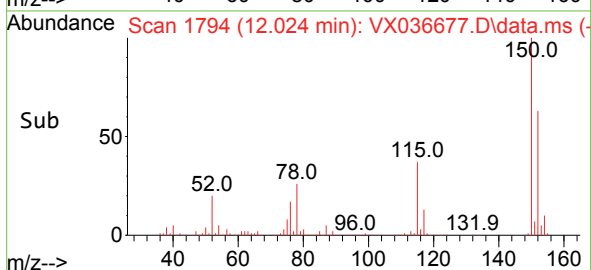
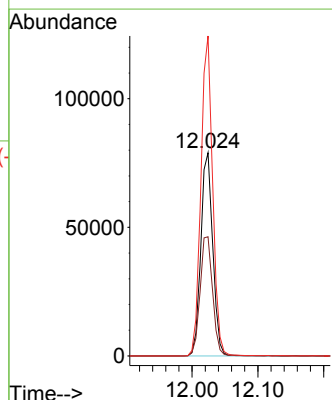
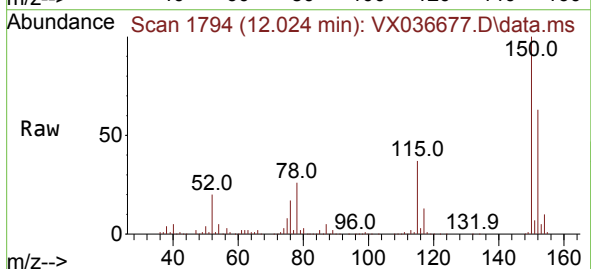
Tgt Ion:152 Resp: 99385

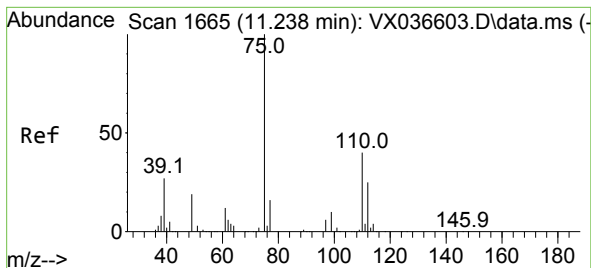
Ion Ratio Lower Upper

152 100

115 61.4 43.3 129.9

150 155.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.702 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX036677.D

Acq: 27 Jul 2023 15:28

Instrument :

MSVOA_X

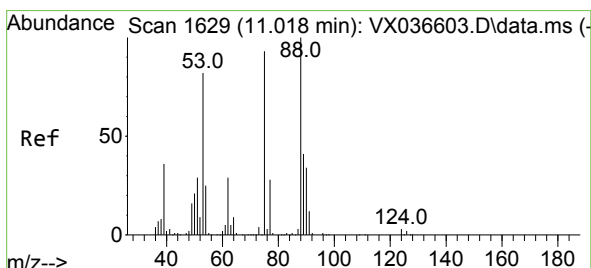
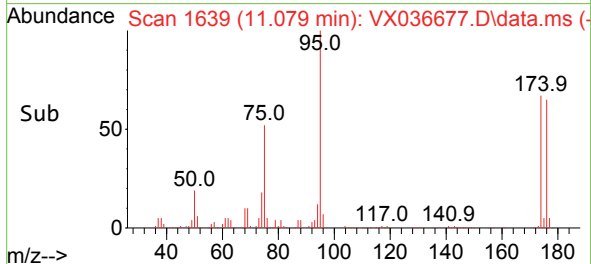
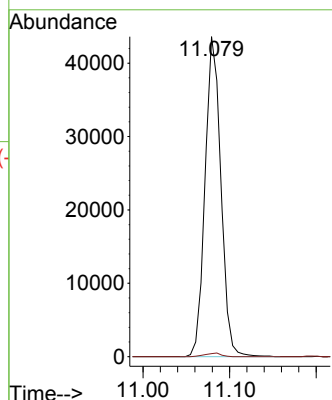
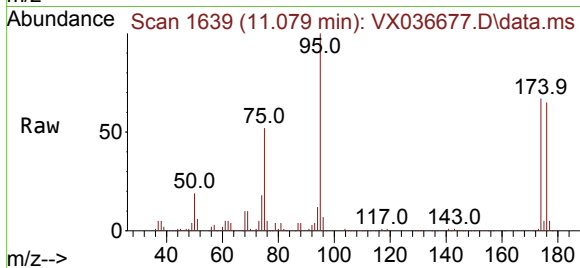
ClientSampleId :

Tgt Ion: 75 Resp: 55406

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 53.721 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036677.D

Acq: 27 Jul 2023 15:28

Tgt Ion: 75 Resp: 55406

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

