

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
 Data File : VX036727.D
 Acq On : 31 Jul 2023 17:59
 Operator : JC/MD
 Sample : 03808-05DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1712DL

Quant Time: Aug 01 04:40:32 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)

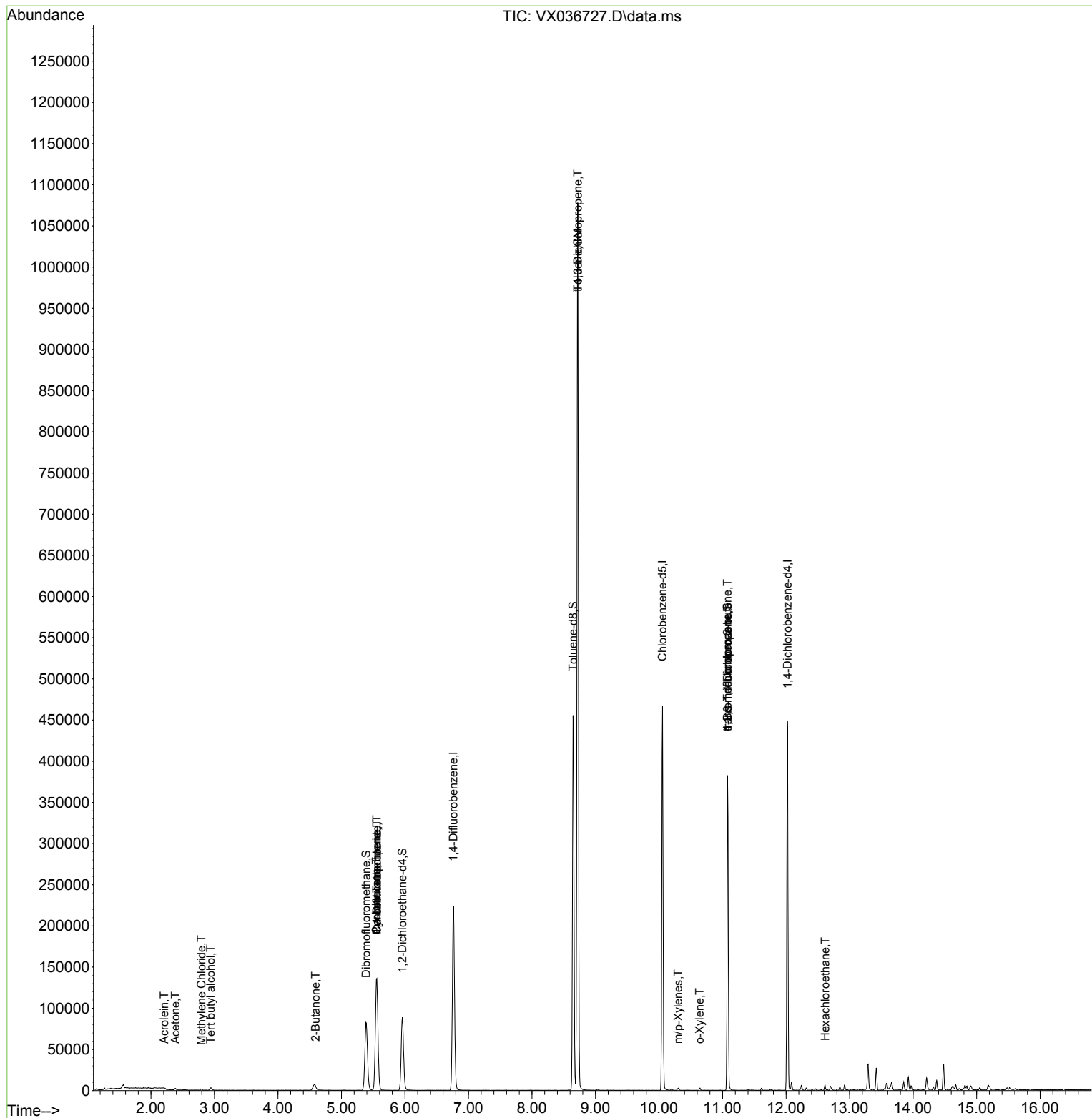
Internal Standards						
1) Pentafluorobenzene	5.556	168	128270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229196	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84703	44.629	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.260%
35) Dibromofluoromethane	5.385	113	73187	46.457	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.920%
50) Toluene-d8	8.647	98	274063	49.057	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.120%
62) 4-Bromofluorobenzene	11.079	95	100597	47.728	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.460%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	1770	3.939	ug/l #	78
13) Acrolein	2.209	56	295	1.150	ug/l	85
16) Acetone	2.386	43	2130	2.705	ug/l	97
20) Methylene Chloride	2.794	84	692	0.395	ug/l #	76
25) 2-Butanone	4.593	43	1568	1.227	ug/l	94
31) Cyclohexane	5.550	56	2898	1.103	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10612	4.519	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13404	5.369	ug/l #	15
52) Toluene	8.720	92	410316	95.855	ug/l	97
53) t-1,3-Dichloropropene	8.720	75	4727	1.596	ug/l #	1
68) m/p-Xylenes	10.299	106	742	0.235	ug/l	96
69) o-Xylene	10.640	106	737	0.234	ug/l	83
76) 1,2,3-Trichloropropane	11.079	75	51979	23.807	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	51979	53.960	ug/l #	5
90) Hexachloroethane	12.616	117	294	0.224	ug/l #	17

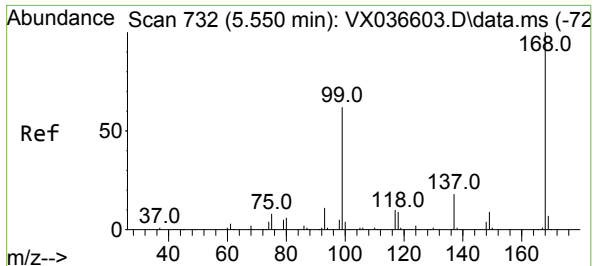
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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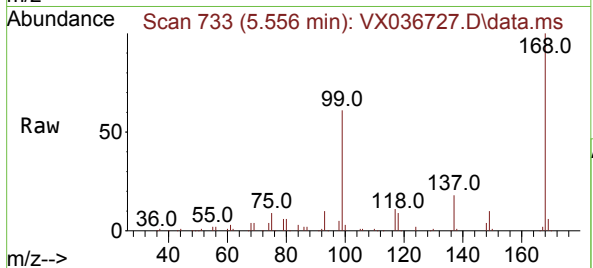
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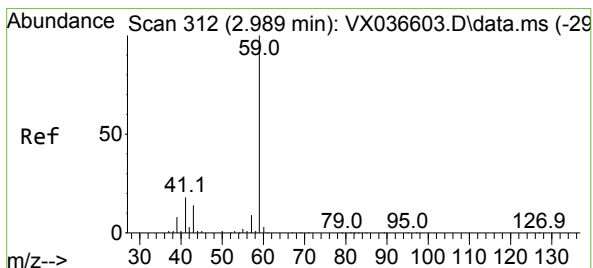
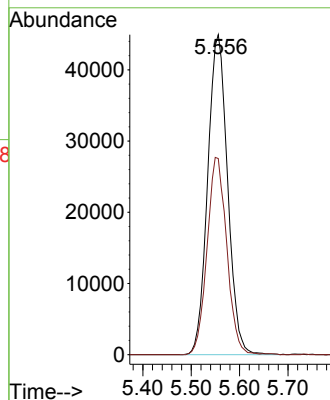
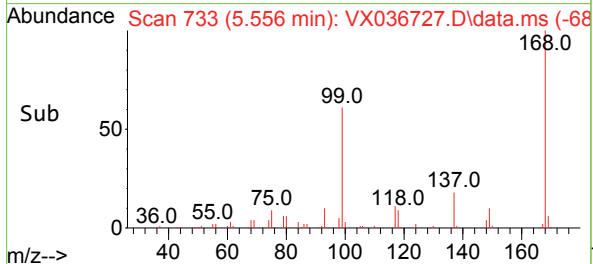


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036727.D
Acq: 31 Jul 2023 17:59

Instrument :
MSVOA_X
ClientSampleId :
1712DL

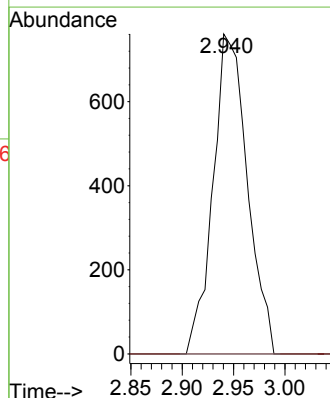
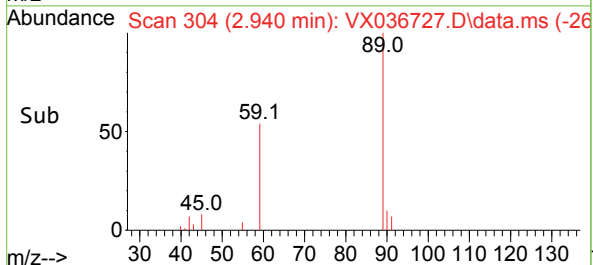
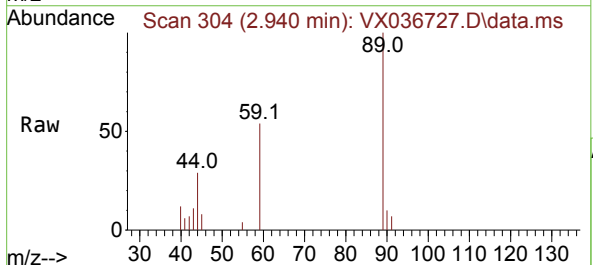


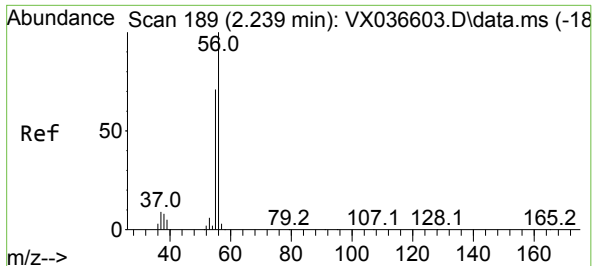
Tgt Ion:168 Resp: 128270
Ion Ratio Lower Upper
168 100
99 61.3 56.6 85.0



#11
Tert butyl alcohol
Concen: 3.939 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX036727.D
Acq: 31 Jul 2023 17:59

Tgt Ion: 59 Resp: 1770
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

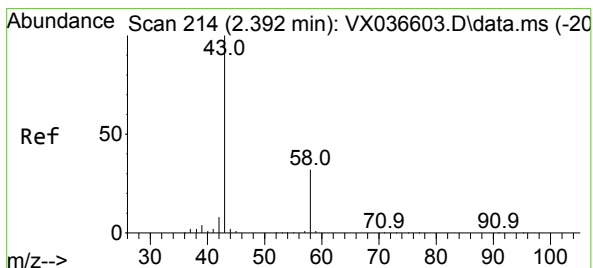
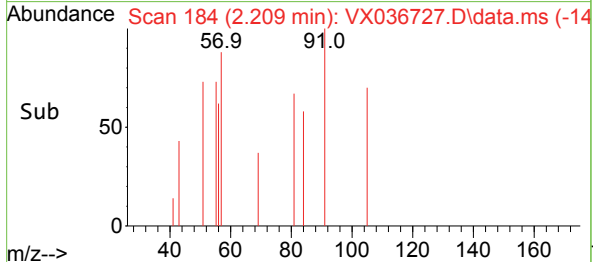
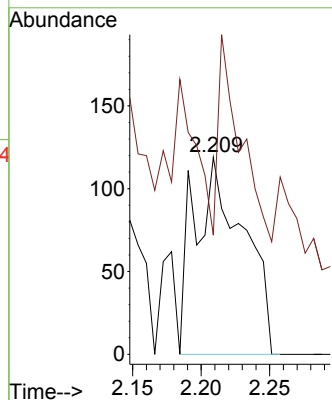
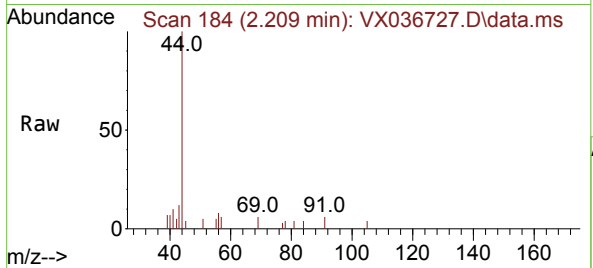




#13
Acrolein
Concen: 1.150 ug/l
RT: 2.209 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX036727.D
Acq: 31 Jul 2023 17:59

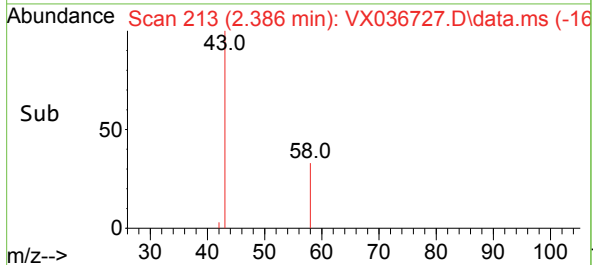
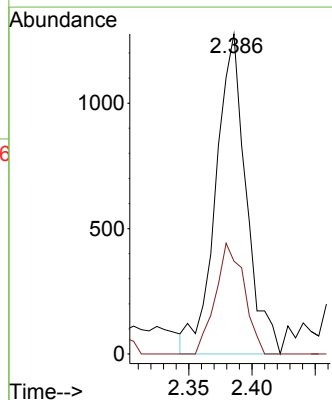
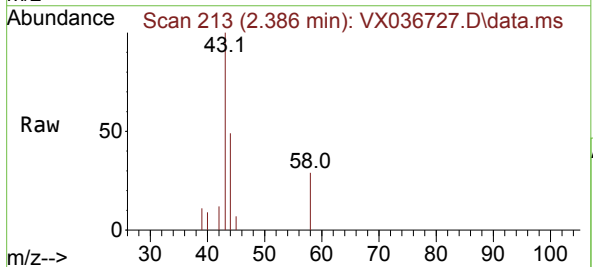
Instrument :
MSVOA_X
ClientSampleId :
1712DL

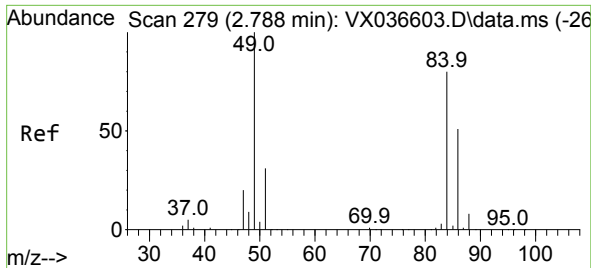
Tgt Ion: 56 Resp: 295
Ion Ratio Lower Upper
56 100
55 59.3 57.1 85.7



#16
Acetone
Concen: 2.705 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX036727.D
Acq: 31 Jul 2023 17:59

Tgt Ion: 43 Resp: 2130
Ion Ratio Lower Upper
43 100
58 29.0 21.9 32.9





#20

Methylene Chloride

Concen: 0.395 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX036727.D

Acq: 31 Jul 2023 17:59

Instrument :

MSVOA_X

ClientSampleId :

1712DL

Tgt Ion: 84 Resp: 692

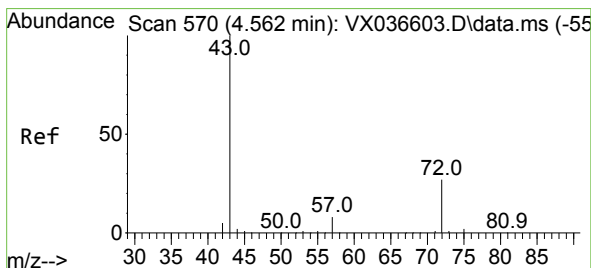
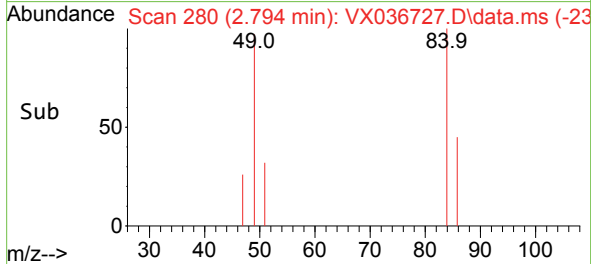
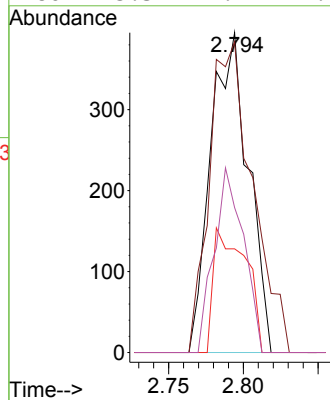
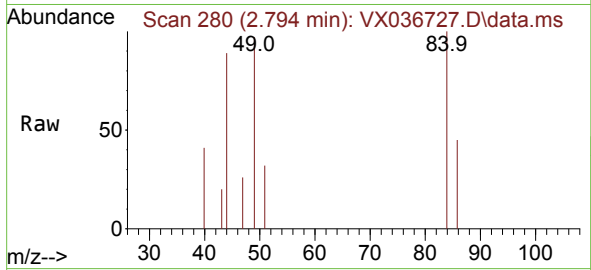
Ion Ratio Lower Upper

84 100

49 97.2 103.6 155.4#

51 32.4 33.8 50.6#

86 45.3 49.4 74.0#



#25

2-Butanone

Concen: 1.227 ug/l

RT: 4.593 min Scan# 575

Delta R.T. 0.030 min

Lab File: VX036727.D

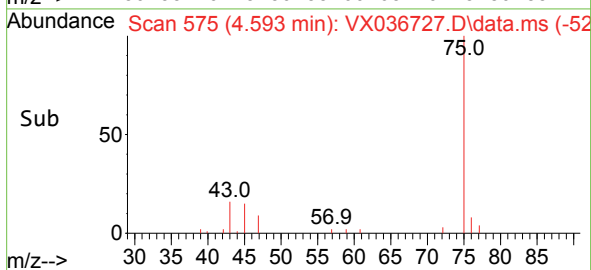
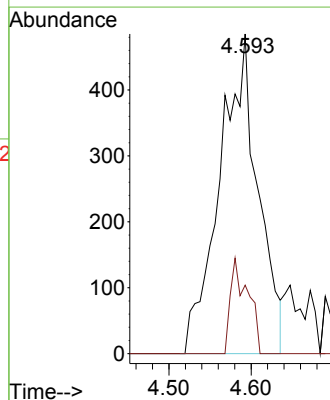
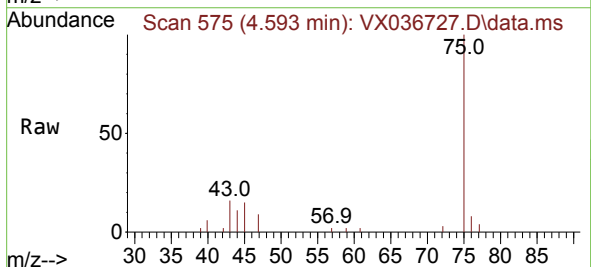
Acq: 31 Jul 2023 17:59

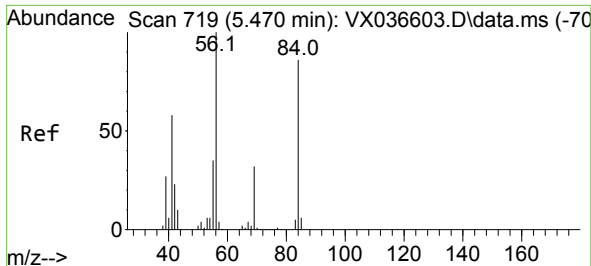
Tgt Ion: 43 Resp: 1568

Ion Ratio Lower Upper

43 100

72 21.4 19.4 29.2

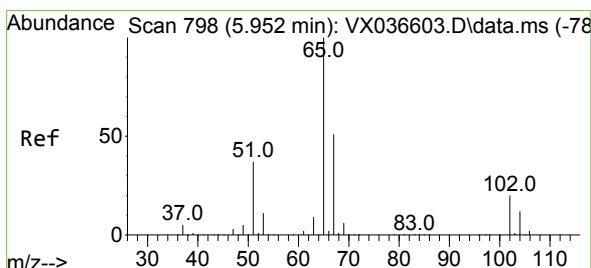
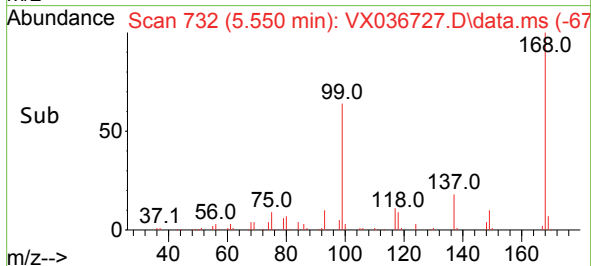
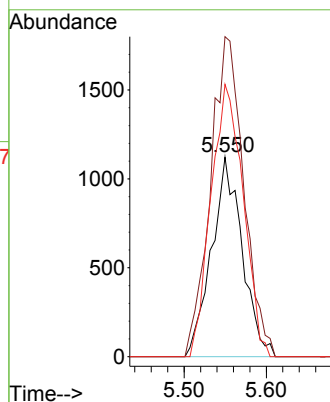
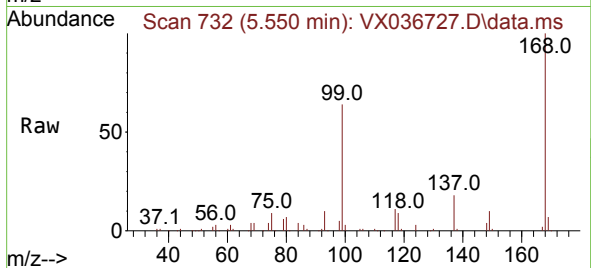




#31
Cyclohexane
Concen: 1.103 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX036727.D
Acq: 31 Jul 2023 17:59

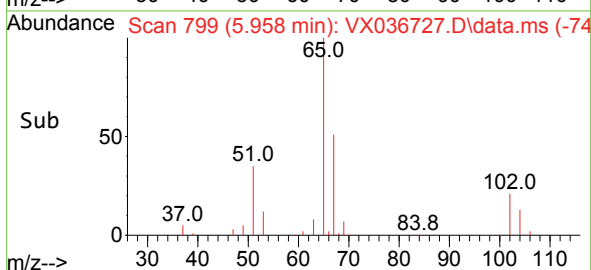
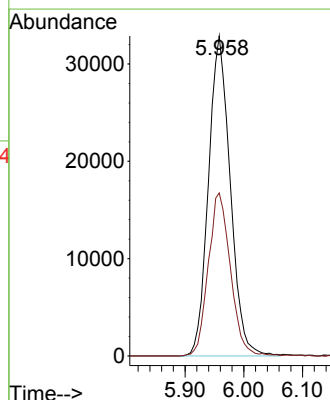
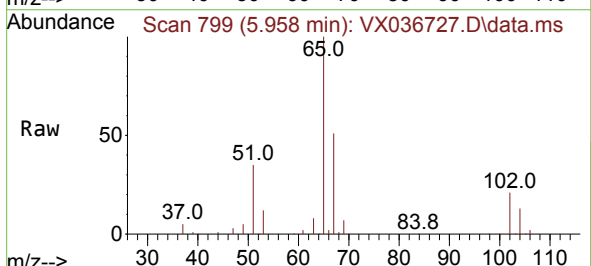
Instrument :
MSVOA_X
ClientSampleId :
1712DL

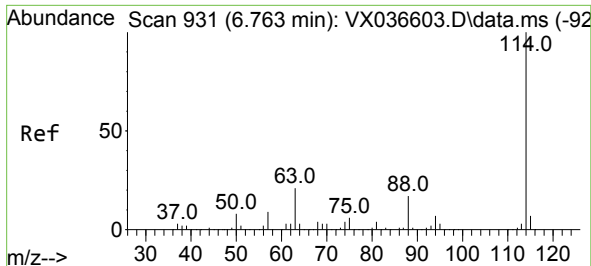
Tgt Ion: 56 Resp: 2898
Ion Ratio Lower Upper
56 100
69 160.4 23.4 35.2#
84 136.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.629 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036727.D
Acq: 31 Jul 2023 17:59

Tgt Ion: 65 Resp: 84703
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

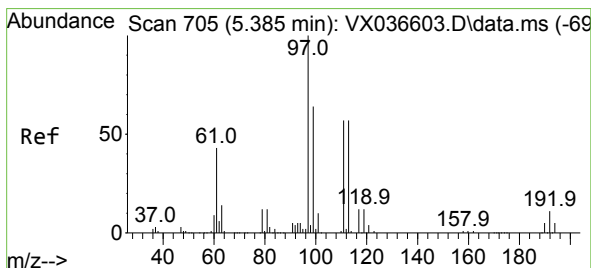
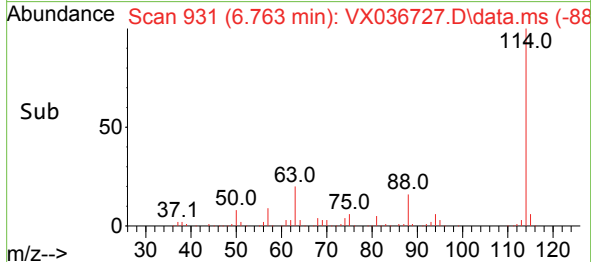
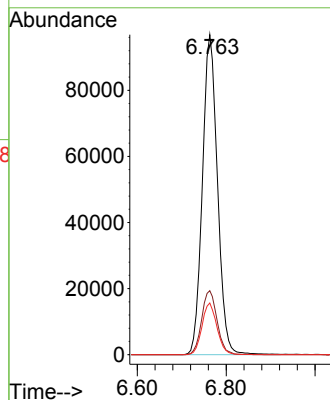
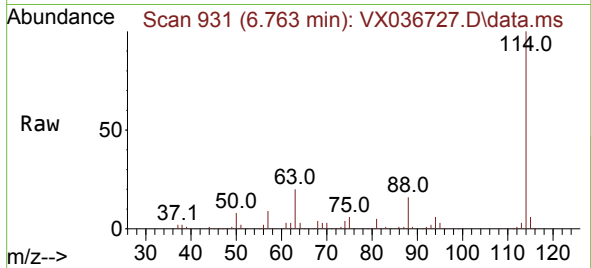




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036727.D
Acq: 31 Jul 2023 17:59

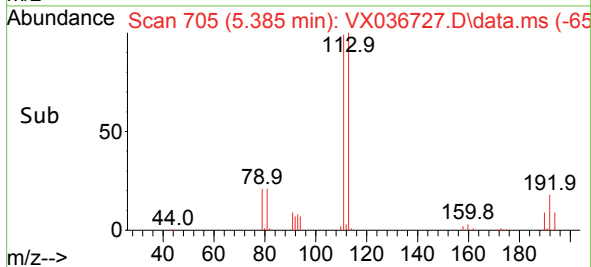
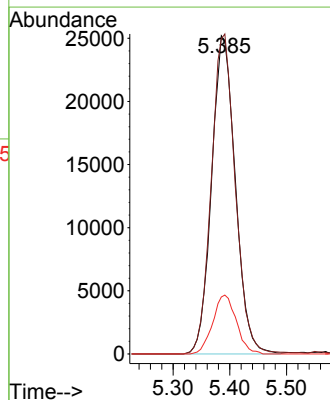
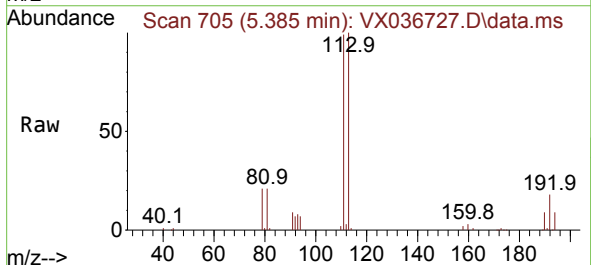
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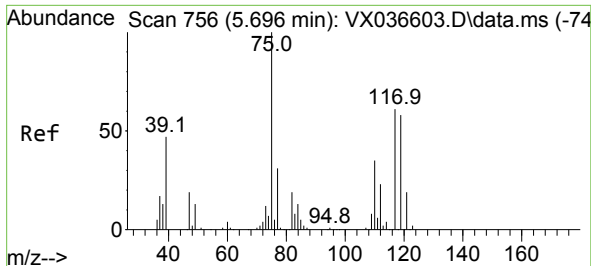
Tgt Ion:114 Resp: 229196
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.457 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036727.D
Acq: 31 Jul 2023 17:59

Tgt Ion:113 Resp: 73187
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 18.4 13.3 19.9

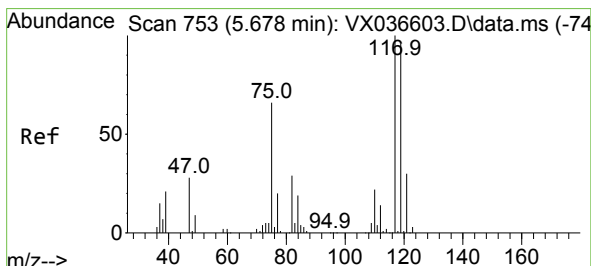
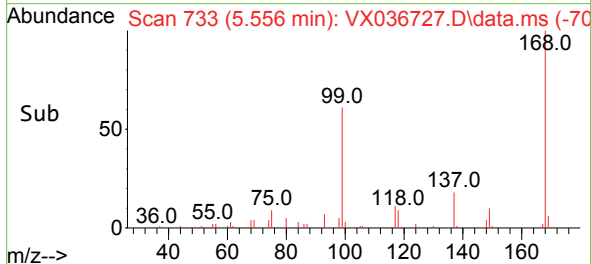
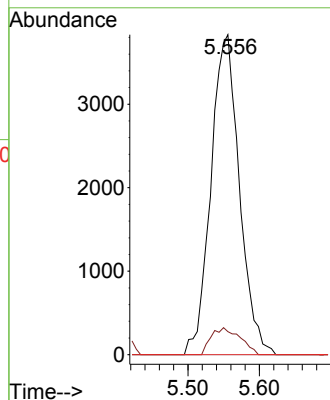
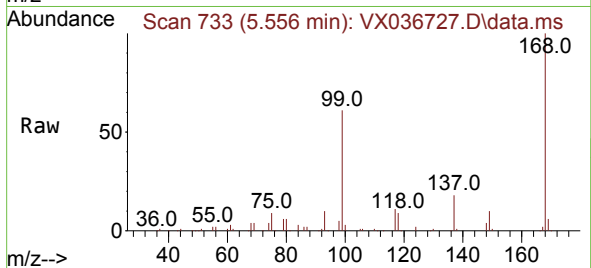




#36
1,1-Dichloropropene
Concen: 4.519 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX036727.D
Acq: 31 Jul 2023 17:59

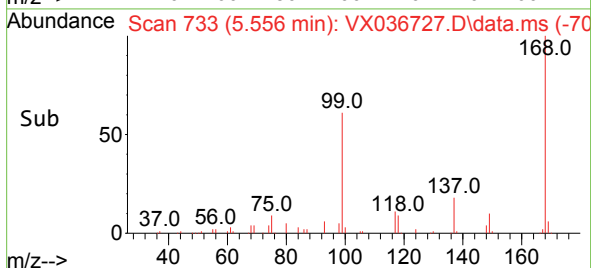
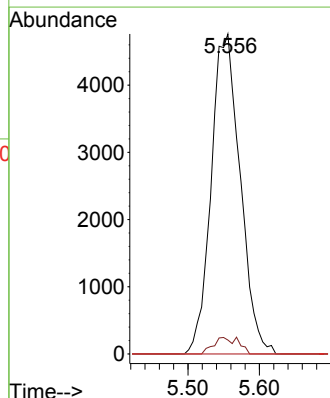
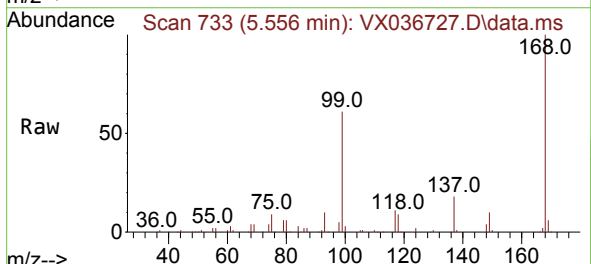
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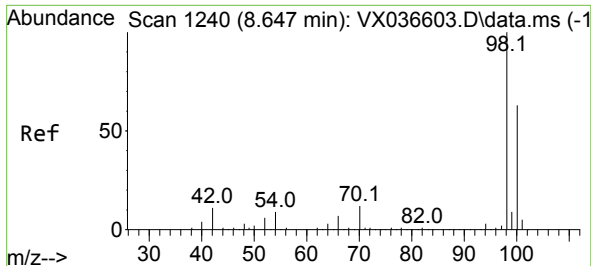
Tgt Ion: 75 Resp: 10612
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.369 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX036727.D
Acq: 31 Jul 2023 17:59

Tgt Ion: 117 Resp: 13404
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#

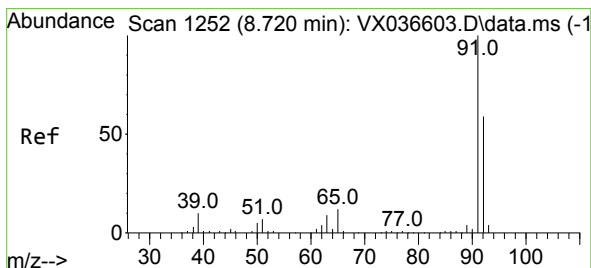
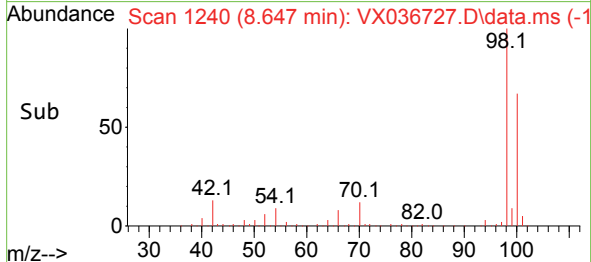
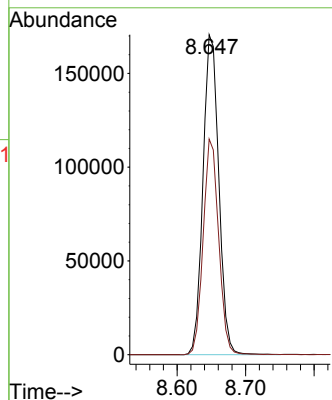
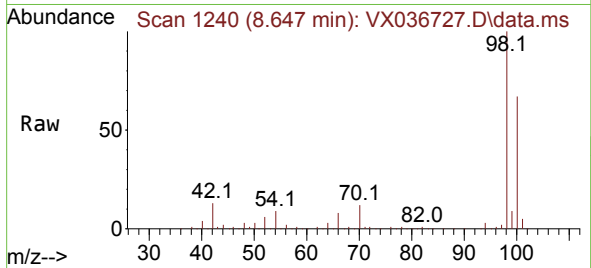




#50
Toluene-d8
Concen: 49.057 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036727.D
Acq: 31 Jul 2023 17:59

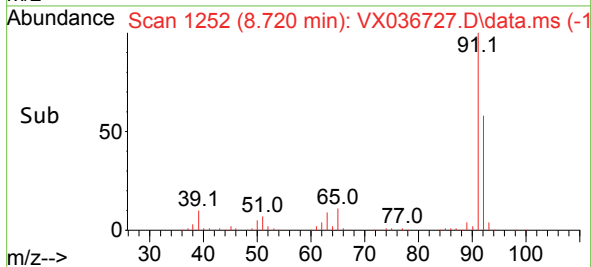
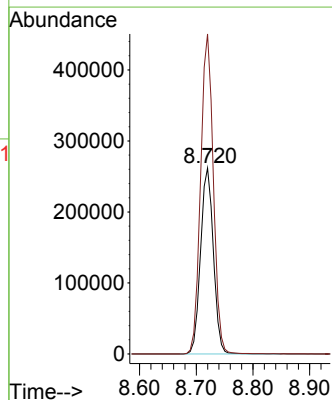
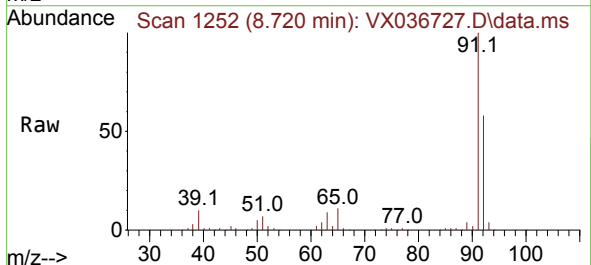
Instrument :
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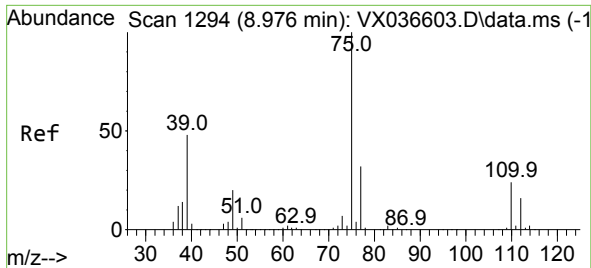
Tgt Ion: 98 Resp: 274063
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7



#52
Toluene
Concen: 95.855 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036727.D
Acq: 31 Jul 2023 17:59

Tgt Ion: 92 Resp: 410316
Ion Ratio Lower Upper
92 100
91 171.2 134.2 201.2

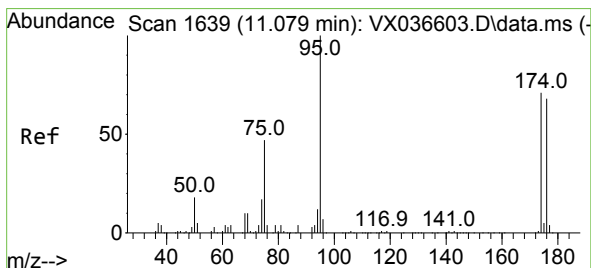
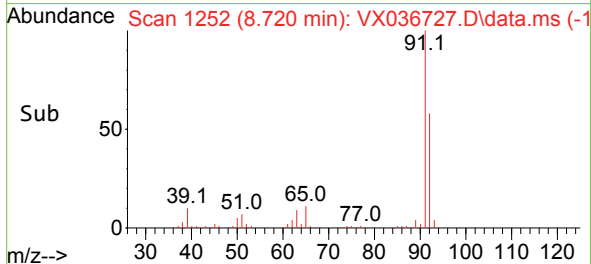
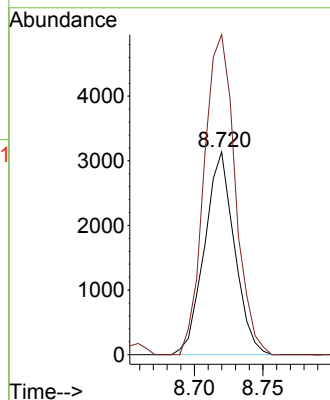
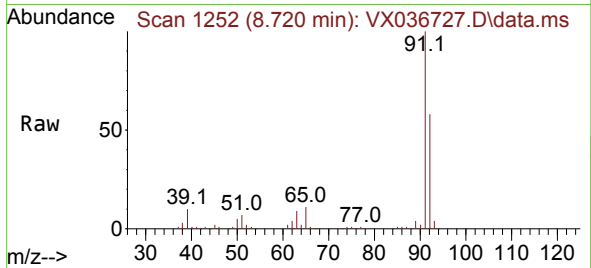




#53
 t-1,3-Dichloropropene
 Concen: 1.596 ug/l
 RT: 8.720 min Scan# 11
 Delta R.T. -0.256 min
 Lab File: VX036727.D
 Acq: 31 Jul 2023 17:59

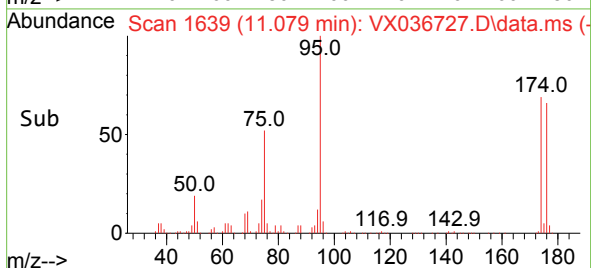
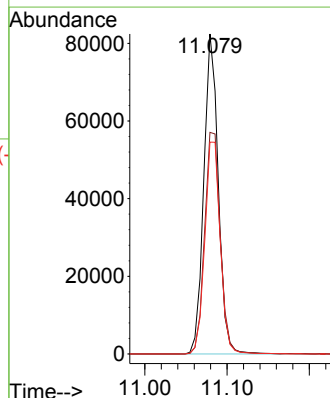
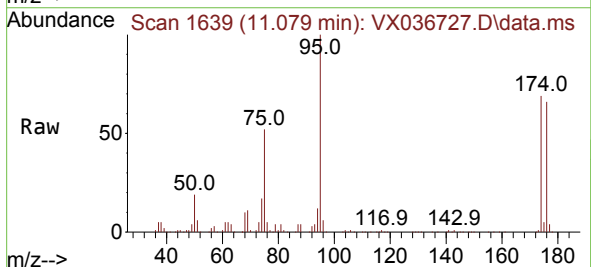
Instrument :
 MSVOA_X
 ClientSampleId :
 1712DL

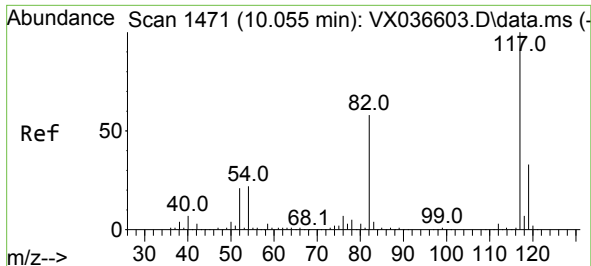
Tgt Ion: 75 Resp: 4727
 Ion Ratio Lower Upper
 75 100
 77 157.8 25.7 38.5#



#62
 4-Bromofluorobenzene
 Concen: 47.728 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX036727.D
 Acq: 31 Jul 2023 17:59

Tgt Ion: 95 Resp: 100597
 Ion Ratio Lower Upper
 95 100
 174 75.2 0.0 135.6
 176 71.3 0.0 131.0

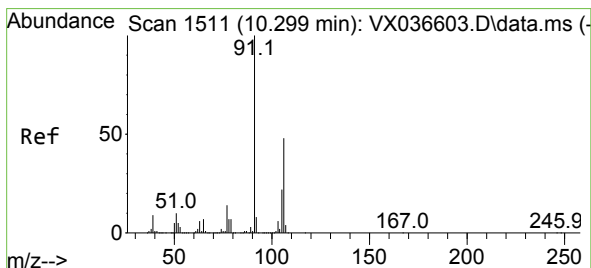
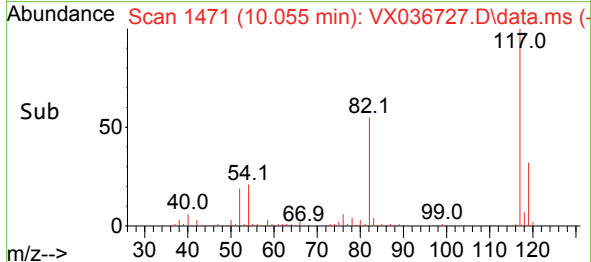
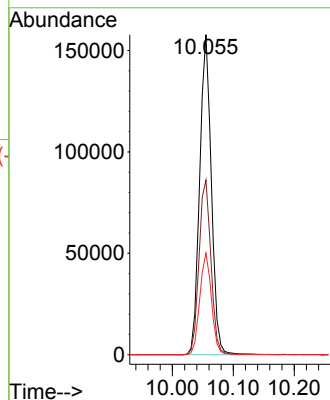
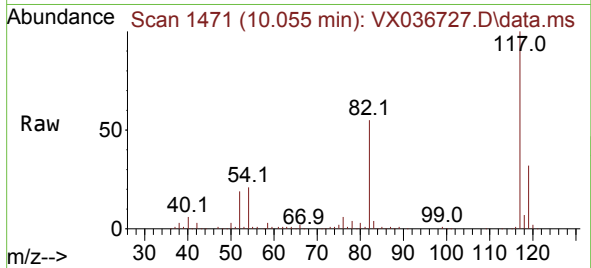




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036727.D
Acq: 31 Jul 2023 17:59

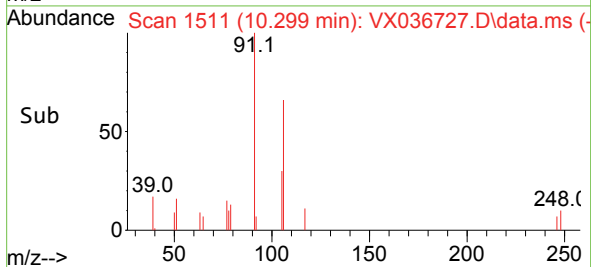
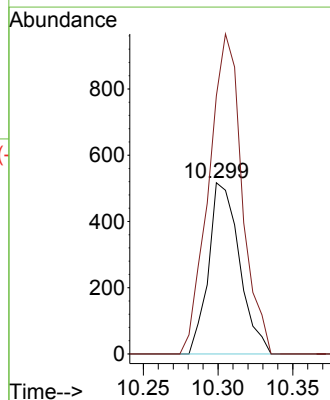
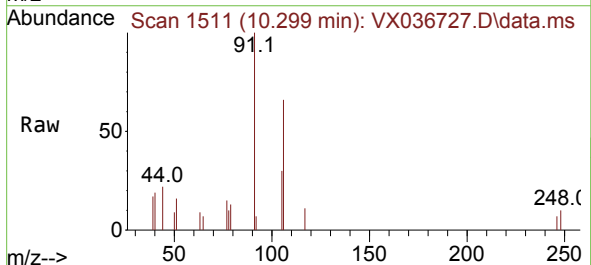
Instrument :
MSVOA_X
ClientSampleId :
1712DL

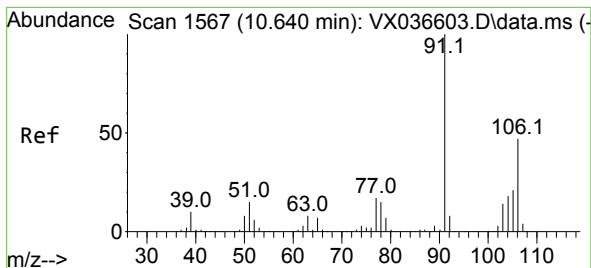
Tgt Ion:117 Resp: 209972
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 31.7 25.5 38.3



#68
m/p-Xylenes
Concen: 0.235 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036727.D
Acq: 31 Jul 2023 17:59

Tgt Ion:106 Resp: 742
Ion Ratio Lower Upper
106 100
91 201.5 165.5 248.3





#69

o-Xylene

Concen: 0.234 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036727.D

Acq: 31 Jul 2023 17:59

Instrument :

MSVOA_X

ClientSampleId :

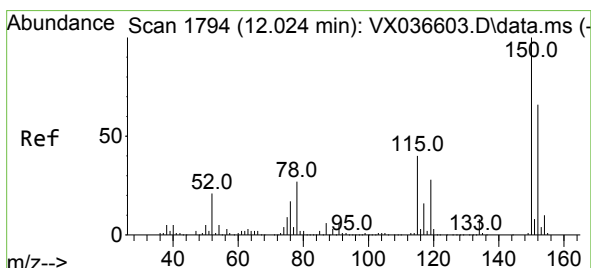
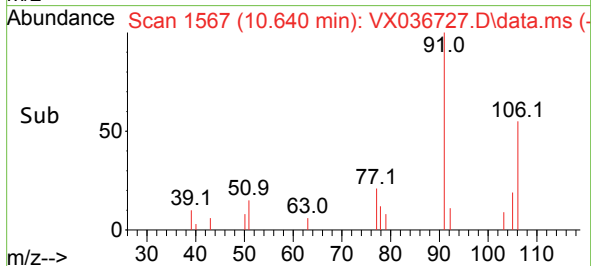
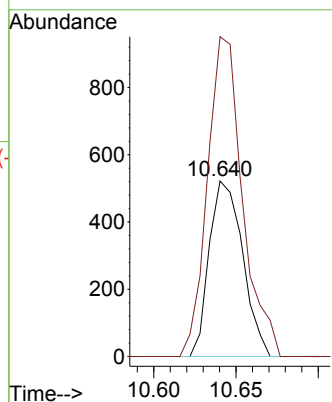
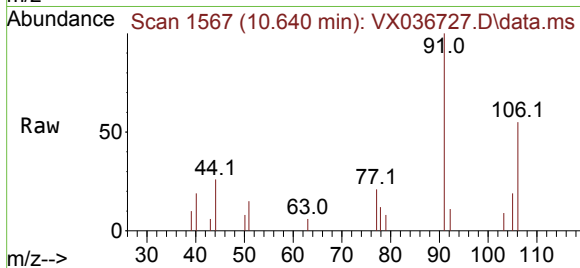
1712DL

Tgt Ion:106 Resp: 737

Ion Ratio Lower Upper

106 100

91 191.3 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX036727.D

Acq: 31 Jul 2023 17:59

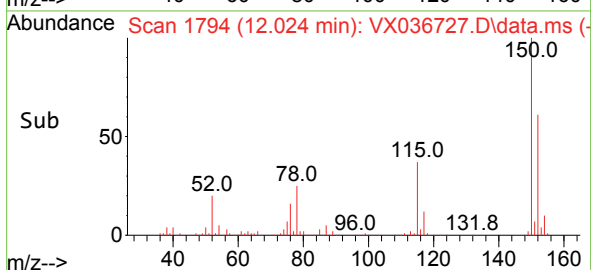
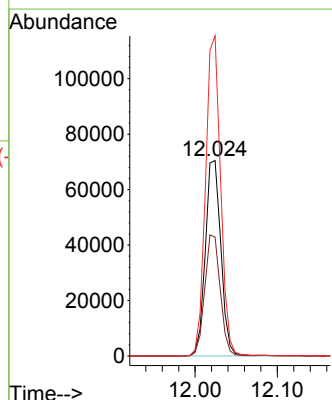
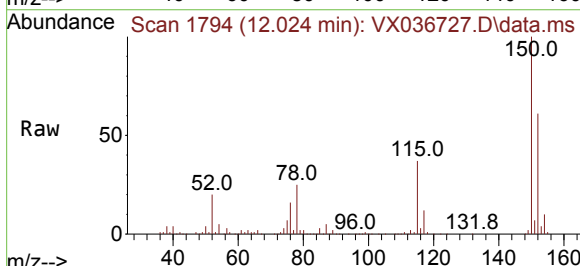
Tgt Ion:152 Resp: 92826

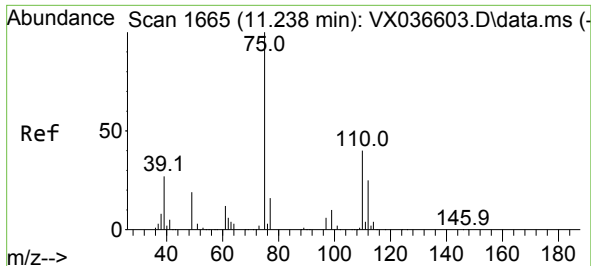
Ion Ratio Lower Upper

152 100

115 61.6 43.3 129.9

150 158.2 0.0 345.0

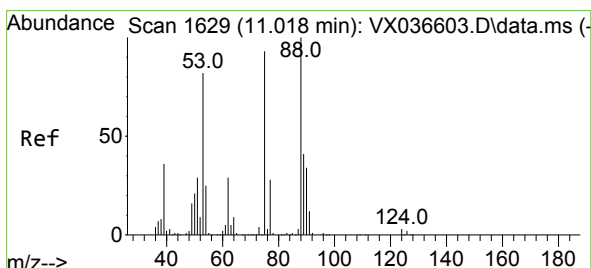
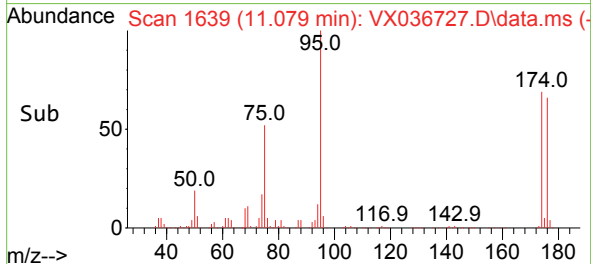
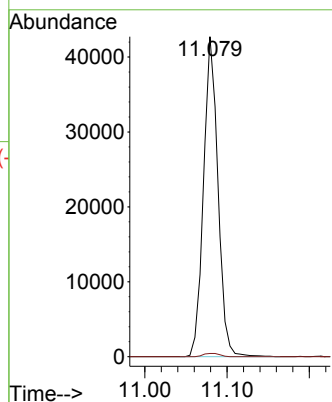
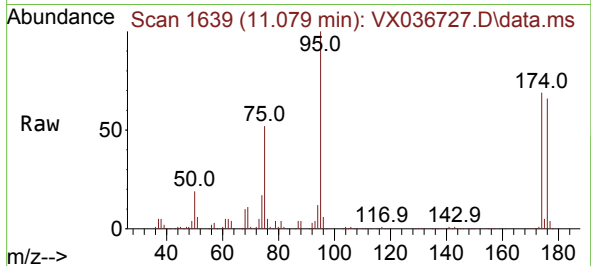




#76
1,2,3-Trichloropropane
Concen: 23.807 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036727.D
Acq: 31 Jul 2023 17:59

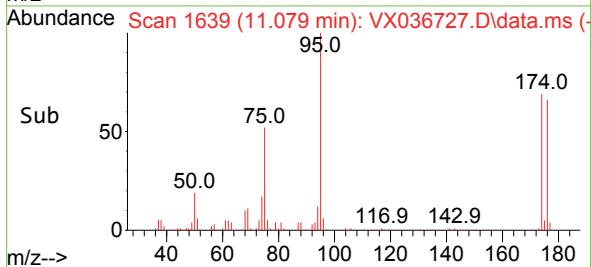
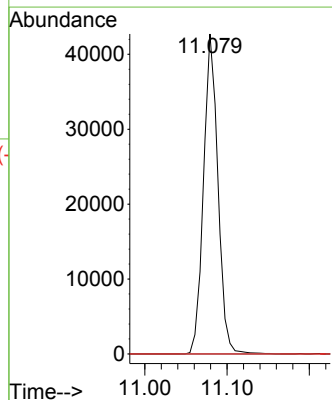
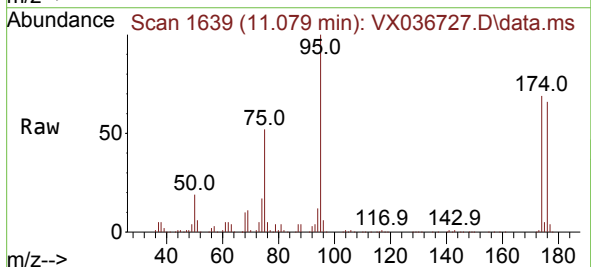
Instrument :
MSVOA_X
ClientSampleId :
1712DL

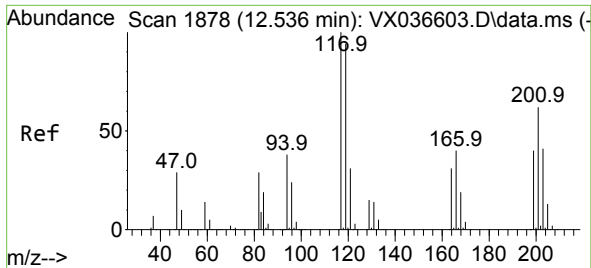
Tgt Ion: 75 Resp: 51979
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.960 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036727.D
Acq: 31 Jul 2023 17:59

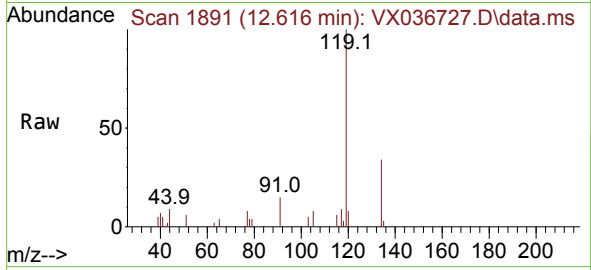
Tgt Ion: 75 Resp: 51979
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#90
 Hexachloroethane
 Concen: 0.224 ug/l
 RT: 12.616 min Scan# 117
 Delta R.T. 0.079 min
 Lab File: VX036727.D
 Acq: 31 Jul 2023 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 1712DL



Tgt Ion:117 Resp: 294
 Ion Ratio Lower Upper
 117 100
 201 0.0 32.9 98.6#

