

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038655.D
 Acq On : 08 Nov 2023 14:54
 Operator : JC/MD
 Sample : 05222-14RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 09 01:20:22 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)

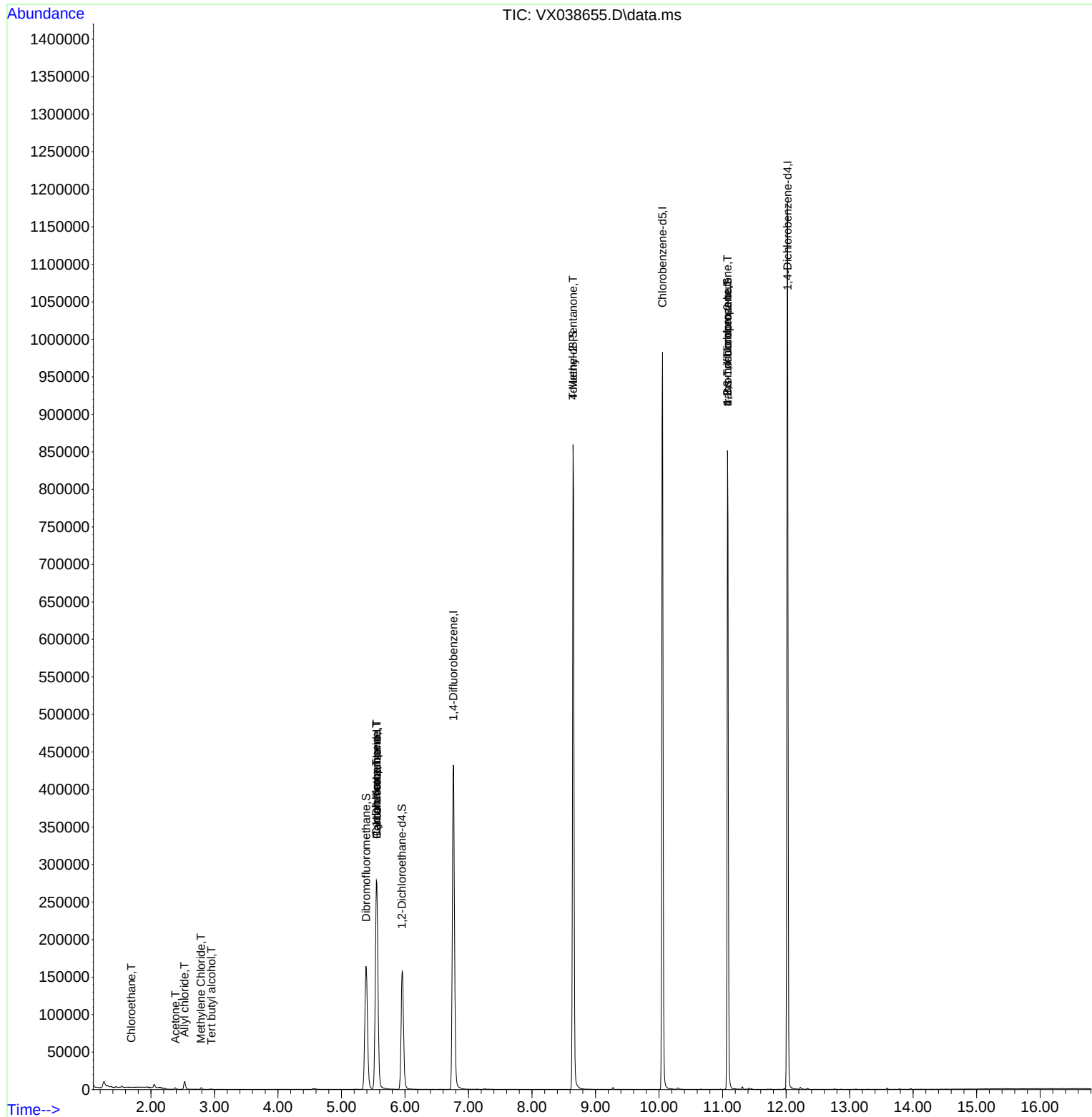
Internal Standards						
1) Pentafluorobenzene	5.556	168	288207	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	474953	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	487261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	278114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	157709	43.954	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.900%
35) Dibromofluoromethane	5.385	113	147043	42.986	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.980%
50) Toluene-d8	8.647	98	536923	43.863	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.720%#
62) 4-Bromofluorobenzene	11.079	95	226574	47.741	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.480%
Target Compounds						
					Qvalue	
6) Chloroethane	1.690	64	475	0.272	ug/l	# 43
11) Tert butyl alcohol	2.952	59	470	0.641	ug/l	# 78
14) Allyl chloride	2.526	41	1228	0.319	ug/l	# 75
16) Acetone	2.385	43	2294	1.518	ug/l	92
20) Methylene Chloride	2.788	84	1119	0.367	ug/l	87
31) Cyclohexane	5.550	56	5039	1.269	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	19208	4.520	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	27087	5.702	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	1929	0.444	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	111424	20.229	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	111424	61.749	ug/l	# 5

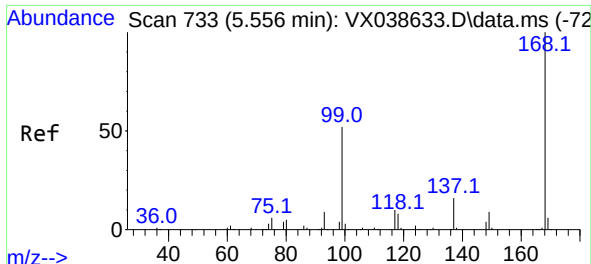
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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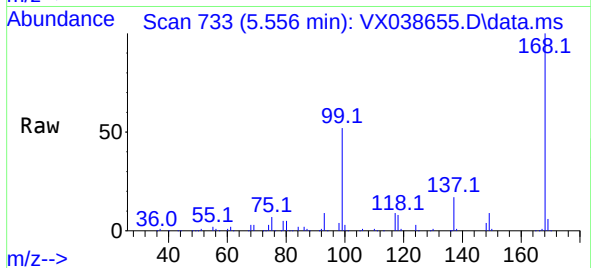
Quant Time: Nov 09 01:20:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration



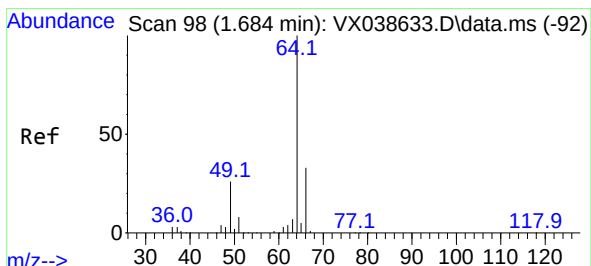
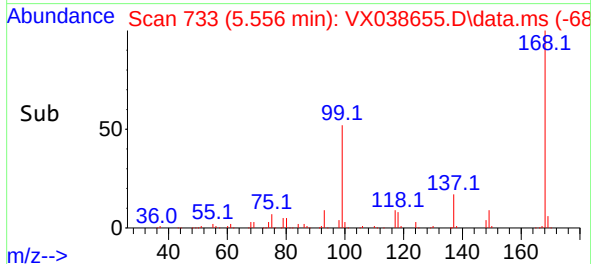
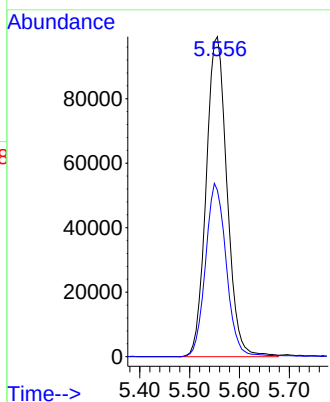


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038655.D
Acq: 08 Nov 2023 14:54

Instrument :
MSVOA_X
ClientSampleId :

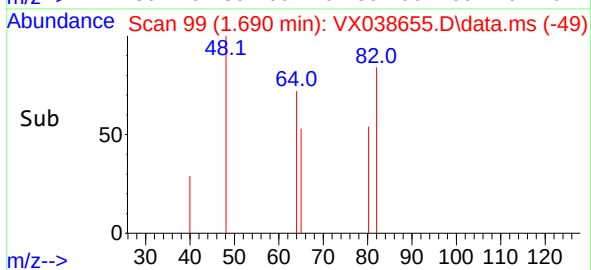
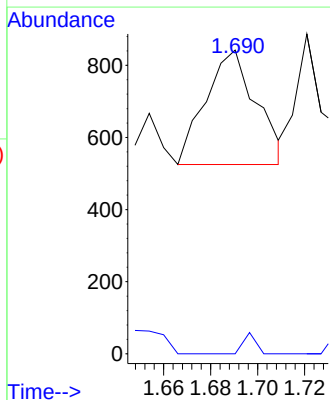
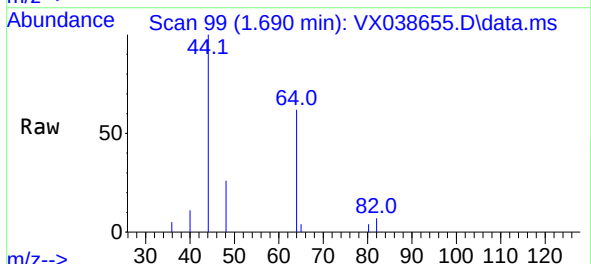


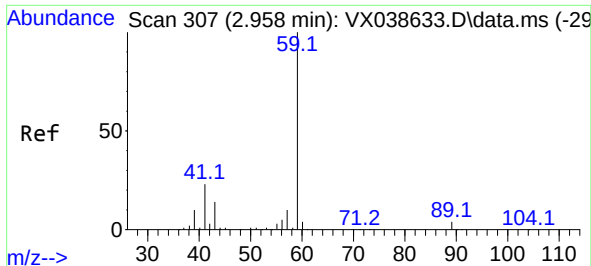
Tgt Ion:168 Resp: 288207
Ion Ratio Lower Upper
168 100
99 52.0 56.6 85.0#



#6
Chloroethane
Concen: 0.272 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX038655.D
Acq: 08 Nov 2023 14:54

Tgt Ion: 64 Resp: 475
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.641 ug/l

RT: 2.952 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX038655.D

Acq: 08 Nov 2023 14:54

Instrument :

MSVOA_X

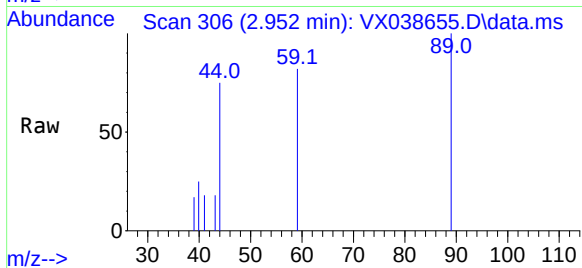
ClientSampleId :

Tgt Ion: 59 Resp: 470

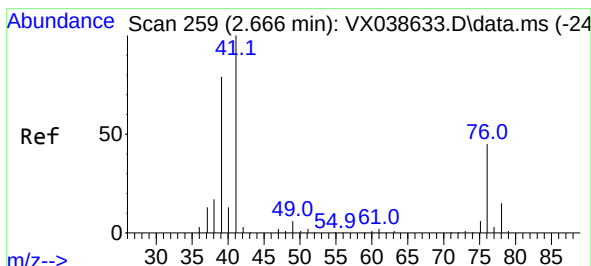
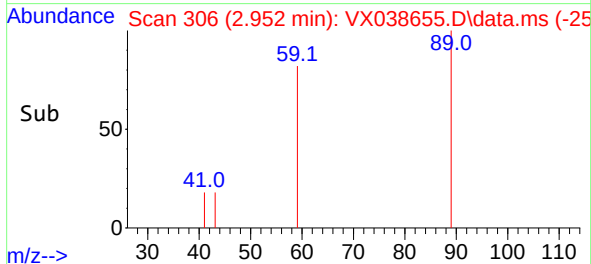
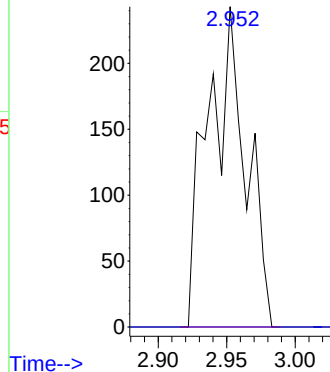
Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



Abundance



#14

Allyl chloride

Concen: 0.319 ug/l

RT: 2.526 min Scan# 236

Delta R.T. -0.140 min

Lab File: VX038655.D

Acq: 08 Nov 2023 14:54

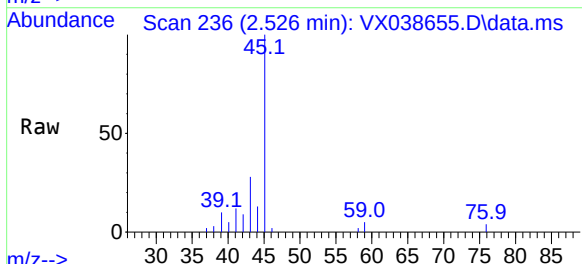
Tgt Ion: 41 Resp: 1228

Ion Ratio Lower Upper

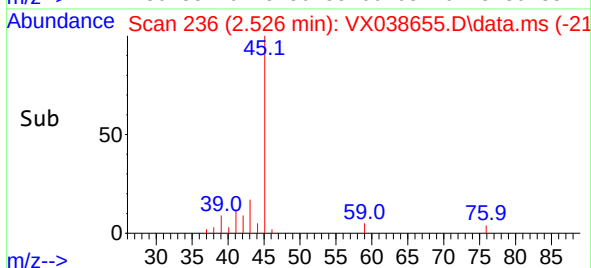
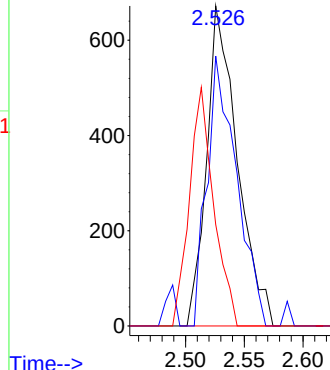
41 100

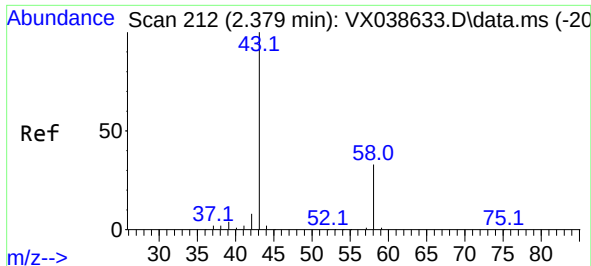
39 80.8 55.8 83.6

76 58.8 24.3 36.5#



Abundance

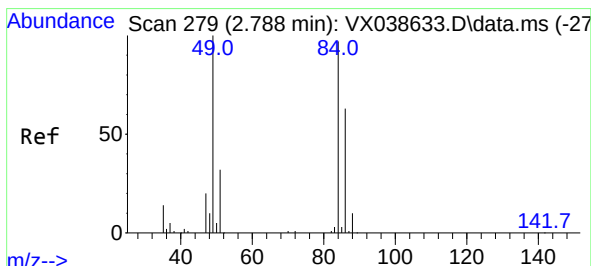
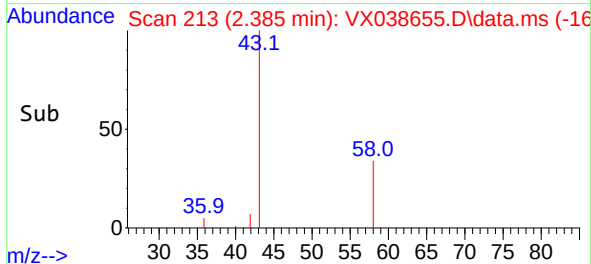
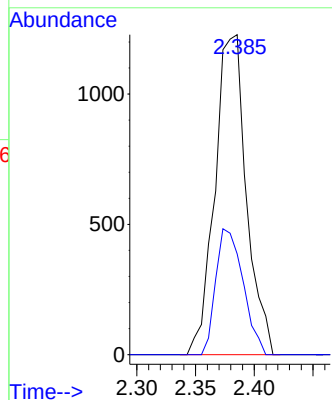
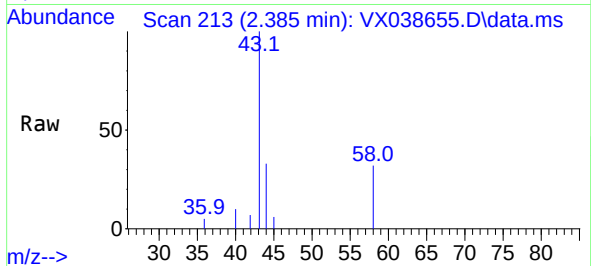




#16
Acetone
Concen: 1.518 ug/l
RT: 2.385 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038655.D
Acq: 08 Nov 2023 14:54

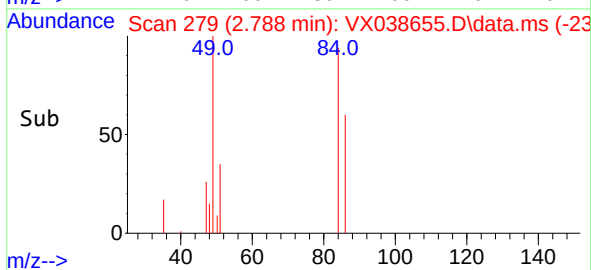
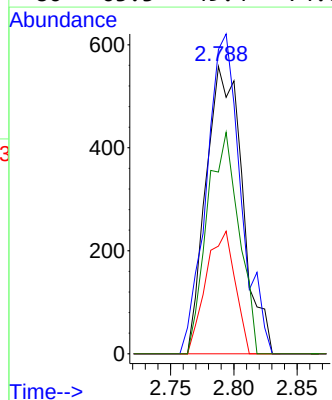
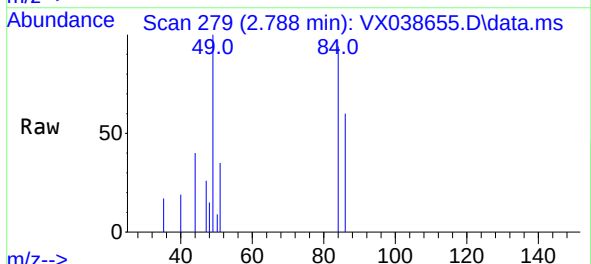
Instrument :
MSVOA_X
ClientSampleId :

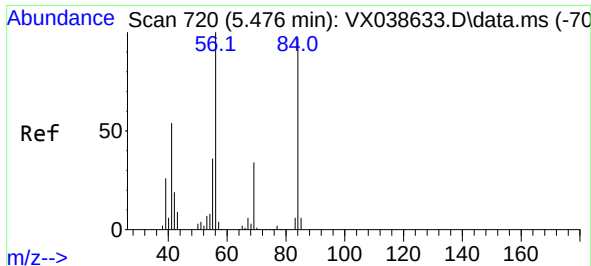
Tgt Ion: 43 Resp: 2294
Ion Ratio Lower Upper
43 100
58 31.5 21.9 32.9



#20
Methylene Chloride
Concen: 0.367 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038655.D
Acq: 08 Nov 2023 14:54

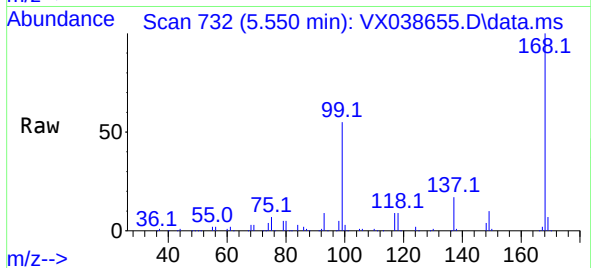
Tgt Ion: 84 Resp: 1119
Ion Ratio Lower Upper
84 100
49 105.9 103.6 155.4
51 37.5 33.8 50.6
86 63.3 49.4 74.0



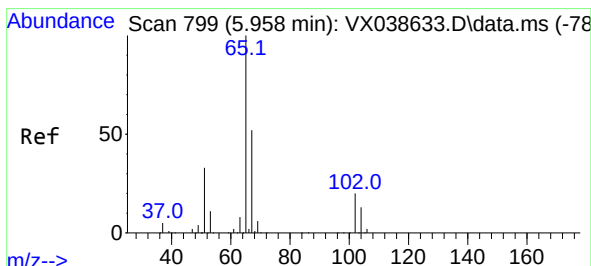
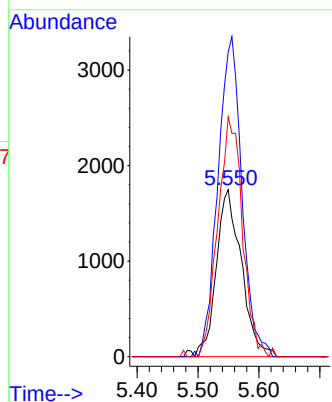
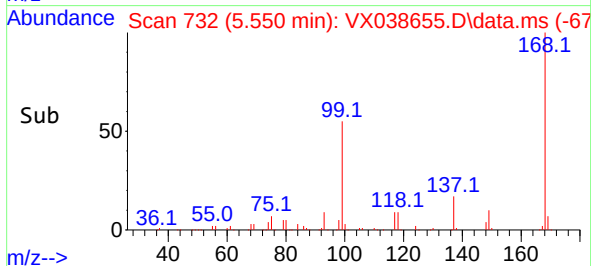


#31
Cyclohexane
Concen: 1.269 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX038655.D
Acq: 08 Nov 2023 14:54

Instrument :
MSVOA_X
ClientSampleId :

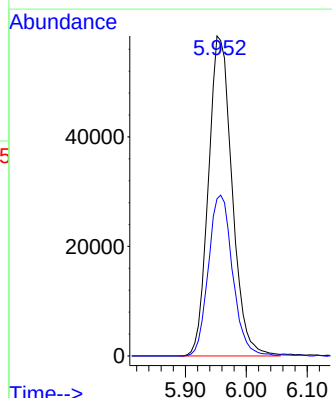
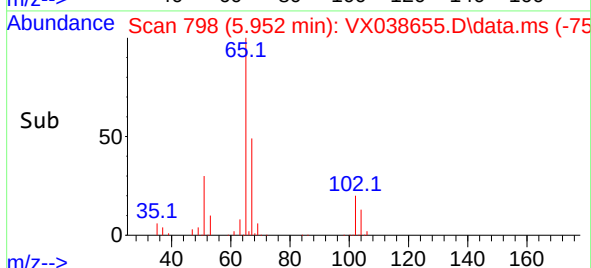
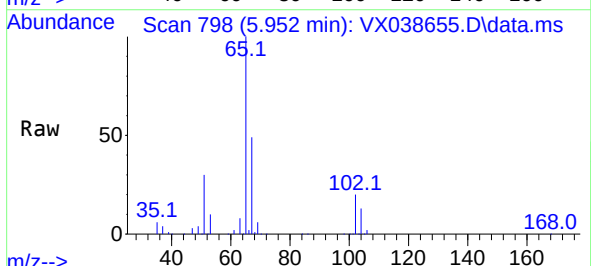


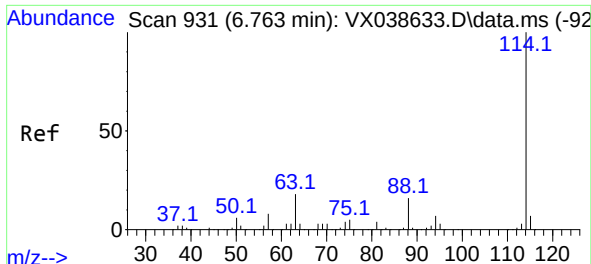
Tgt Ion: 56 Resp: 5039
Ion Ratio Lower Upper
56 100
69 182.3 23.4 35.2#
84 143.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.954 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038655.D
Acq: 08 Nov 2023 14:54

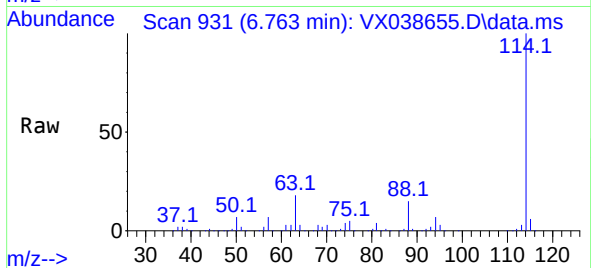
Tgt Ion: 65 Resp: 157709
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2



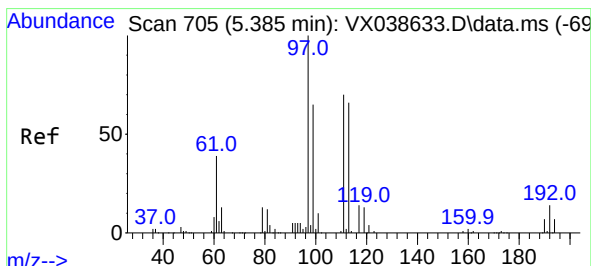
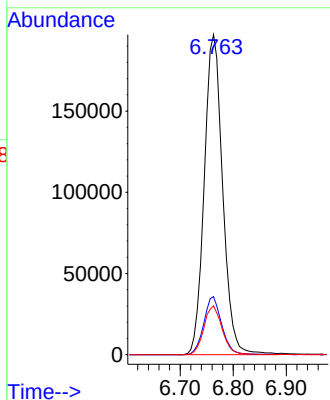
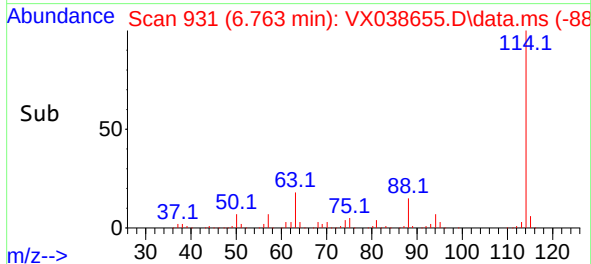


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038655.D
Acq: 08 Nov 2023 14:54

Instrument :
MSVOA_X
ClientSampleId :

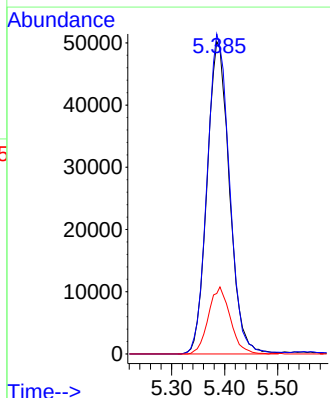
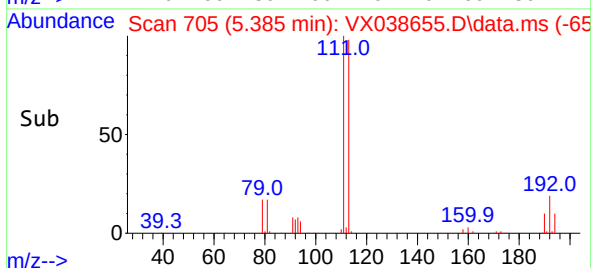
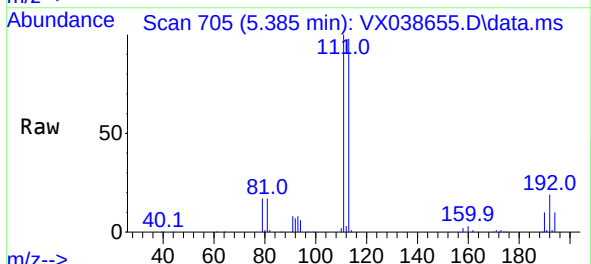


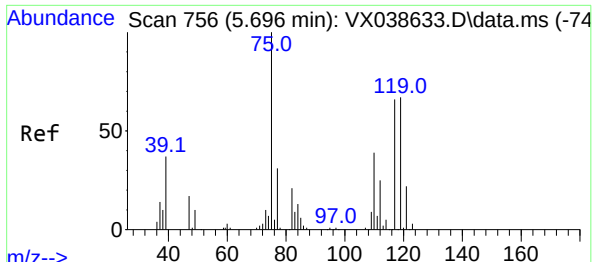
Tgt Ion:114 Resp: 474953
Ion Ratio Lower Upper
114 100
63 18.1 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 42.986 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038655.D
Acq: 08 Nov 2023 14:54

Tgt Ion:113 Resp: 147043
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 20.9 13.3 19.9#





#36

1,1-Dichloropropene

Concen: 4.520 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX038655.D

Acq: 08 Nov 2023 14:54

Instrument :

MSVOA_X

ClientSampleId :

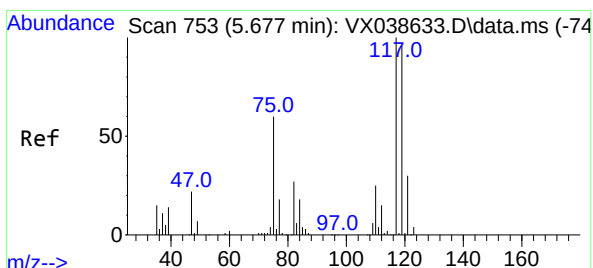
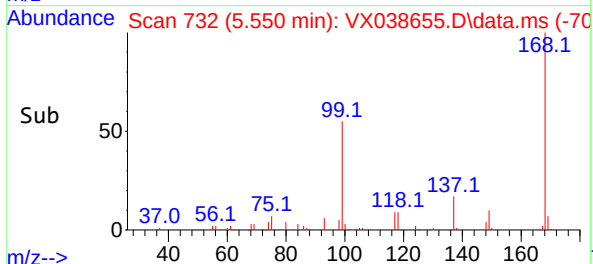
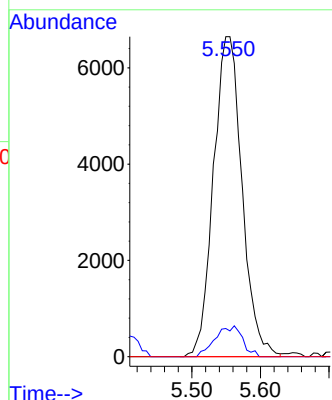
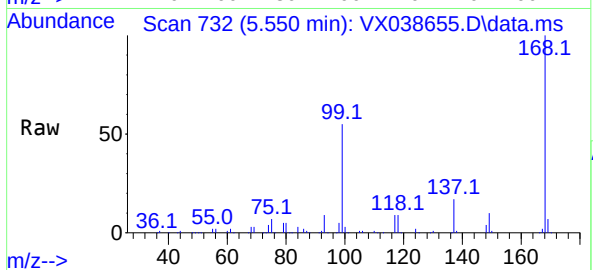
Tgt Ion: 75 Resp: 19208

Ion Ratio Lower Upper

75 100

110 9.2 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.702 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX038655.D

Acq: 08 Nov 2023 14:54

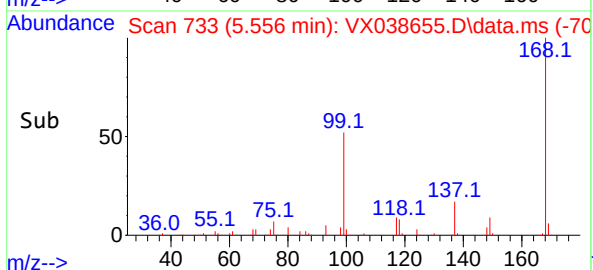
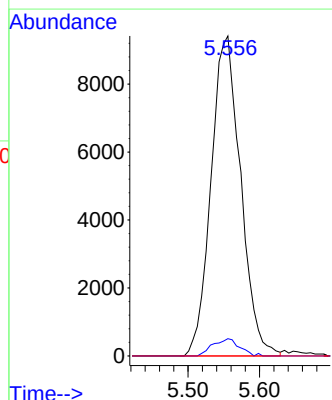
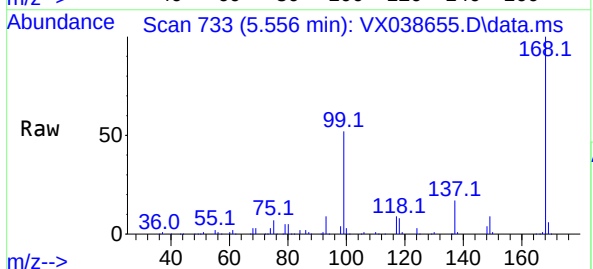
Tgt Ion: 117 Resp: 27087

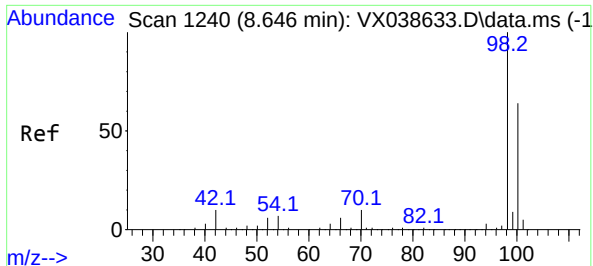
Ion Ratio Lower Upper

117 100

119 5.4 78.2 117.2#

121 0.0 24.4 36.6#

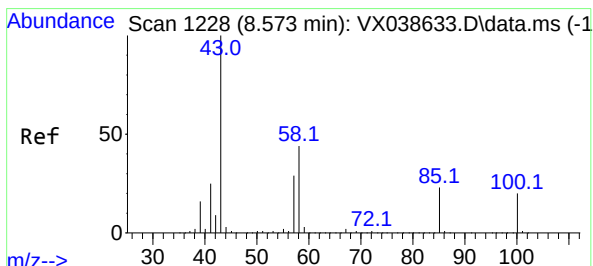
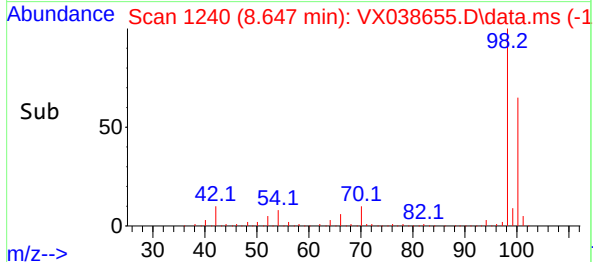
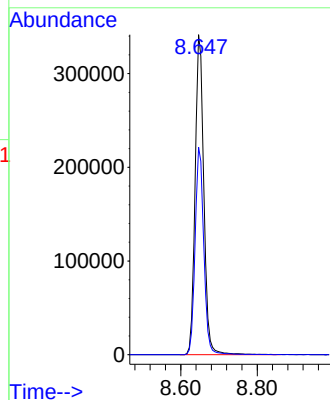
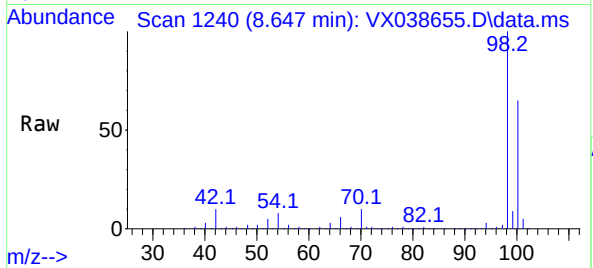




#50
Toluene-d8
Concen: 43.863 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038655.D
Acq: 08 Nov 2023 14:54

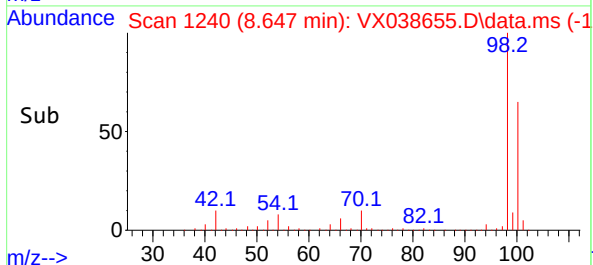
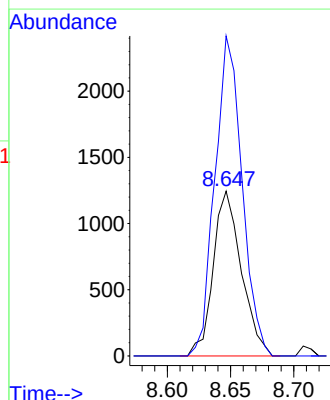
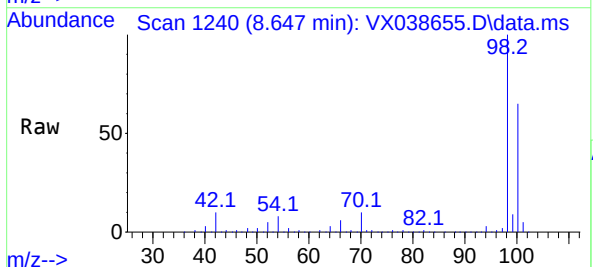
Instrument :
MSVOA_X
ClientSampleId :

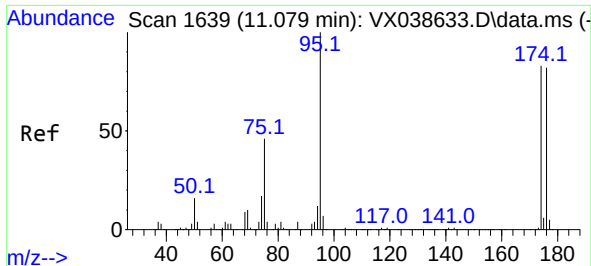
Tgt Ion: 98 Resp: 536923
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.444 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038655.D
Acq: 08 Nov 2023 14:54

Tgt Ion: 43 Resp: 1929
Ion Ratio Lower Upper
43 100
58 187.2 30.4 45.6#

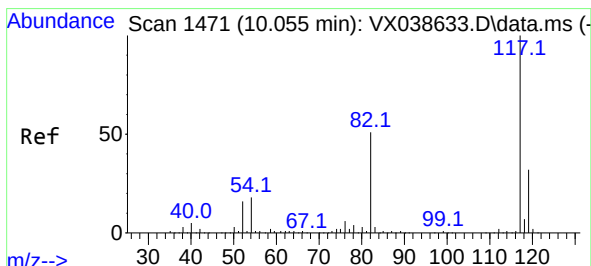
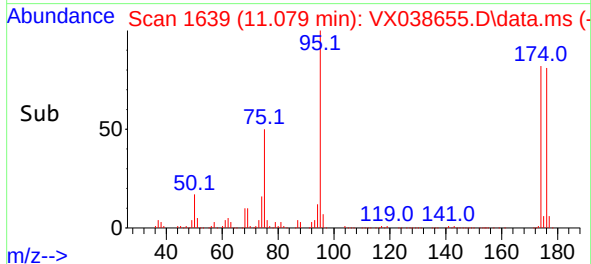
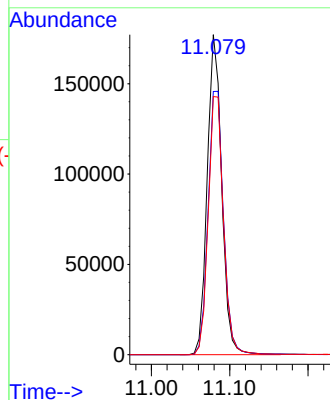
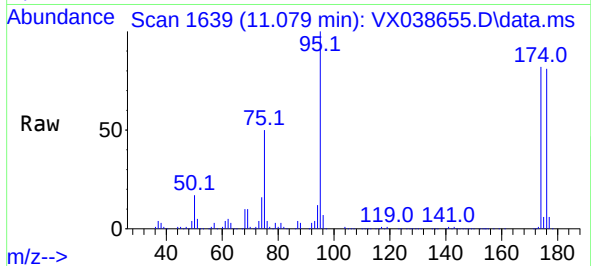




#62
4-Bromofluorobenzene
Concen: 47.741 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038655.D
Acq: 08 Nov 2023 14:54

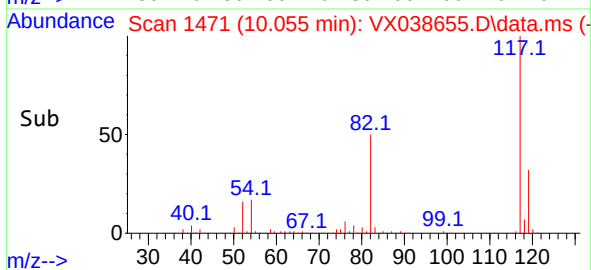
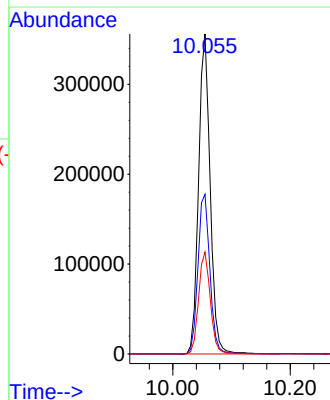
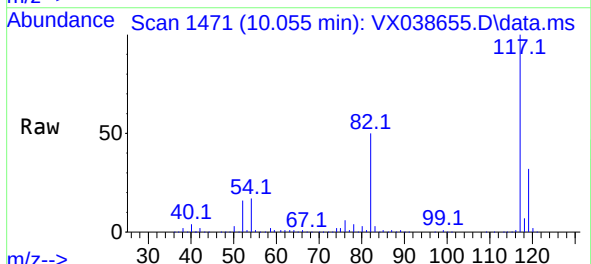
Instrument :
MSVOA_X
ClientSampleId :

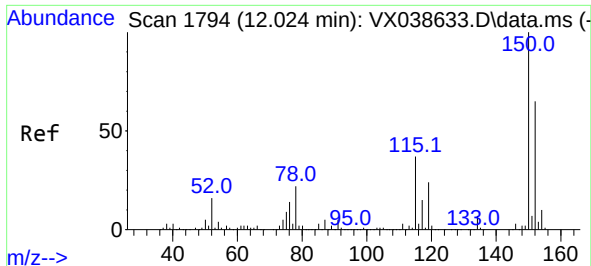
Tgt Ion: 95 Resp: 226574
Ion Ratio Lower Upper
95 100
174 88.0 0.0 135.6
176 85.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038655.D
Acq: 08 Nov 2023 14:54

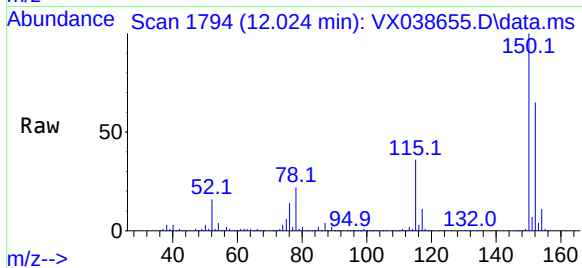
Tgt Ion: 117 Resp: 487261
Ion Ratio Lower Upper
117 100
82 49.9 46.2 69.4
119 31.8 25.5 38.3



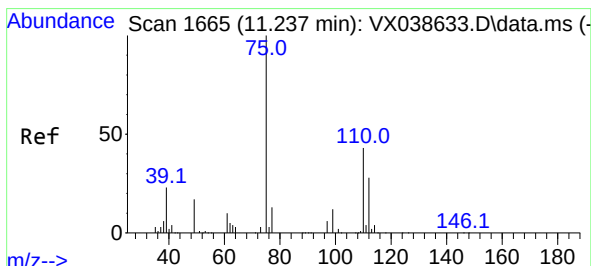
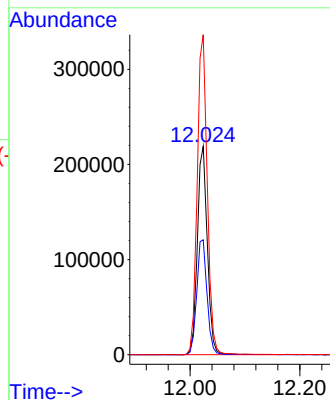
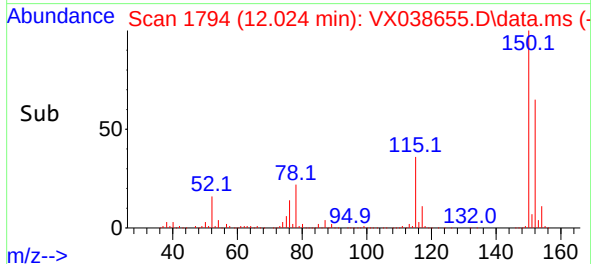


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038655.D
 Acq: 08 Nov 2023 14:54

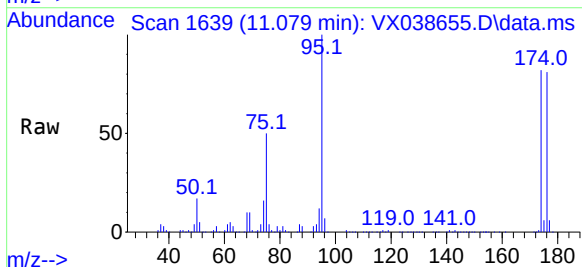
Instrument :
 MSVOA_X
 ClientSampleId :



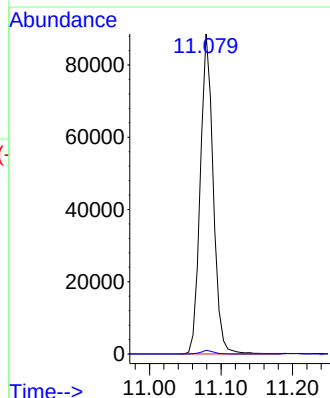
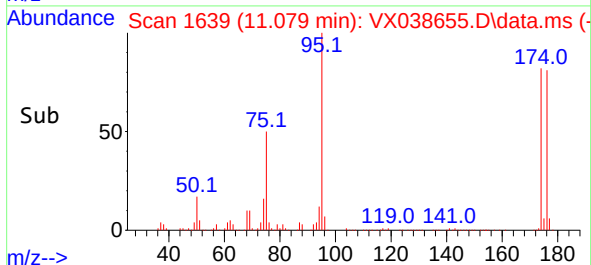
Tgt Ion:152 Resp: 278114
 Ion Ratio Lower Upper
 152 100
 115 57.0 43.3 129.9
 150 154.8 0.0 345.0

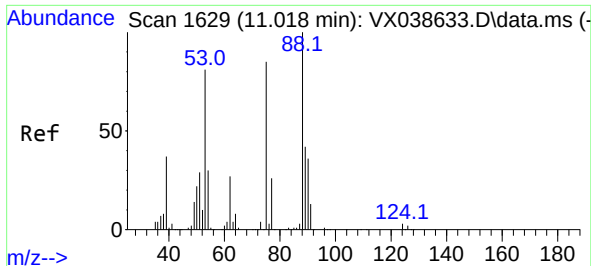


#76
 1,2,3-Trichloropropane
 Concen: 20.229 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX038655.D
 Acq: 08 Nov 2023 14:54



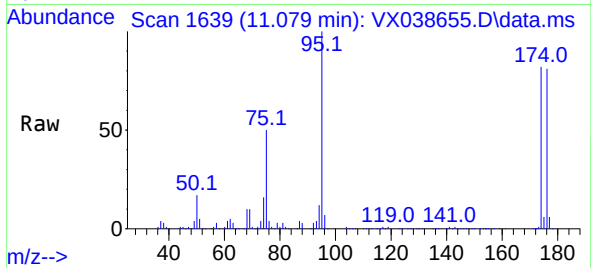
Tgt Ion: 75 Resp: 111424
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 61.749 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX038655.D
Acq: 08 Nov 2023 14:54

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 111424
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

