

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112421\
 Data File : VX025337.D
 Acq On : 24 Nov 2021 19:19
 Operator : JC/MD
 Sample : M4784-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 26 10:38:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

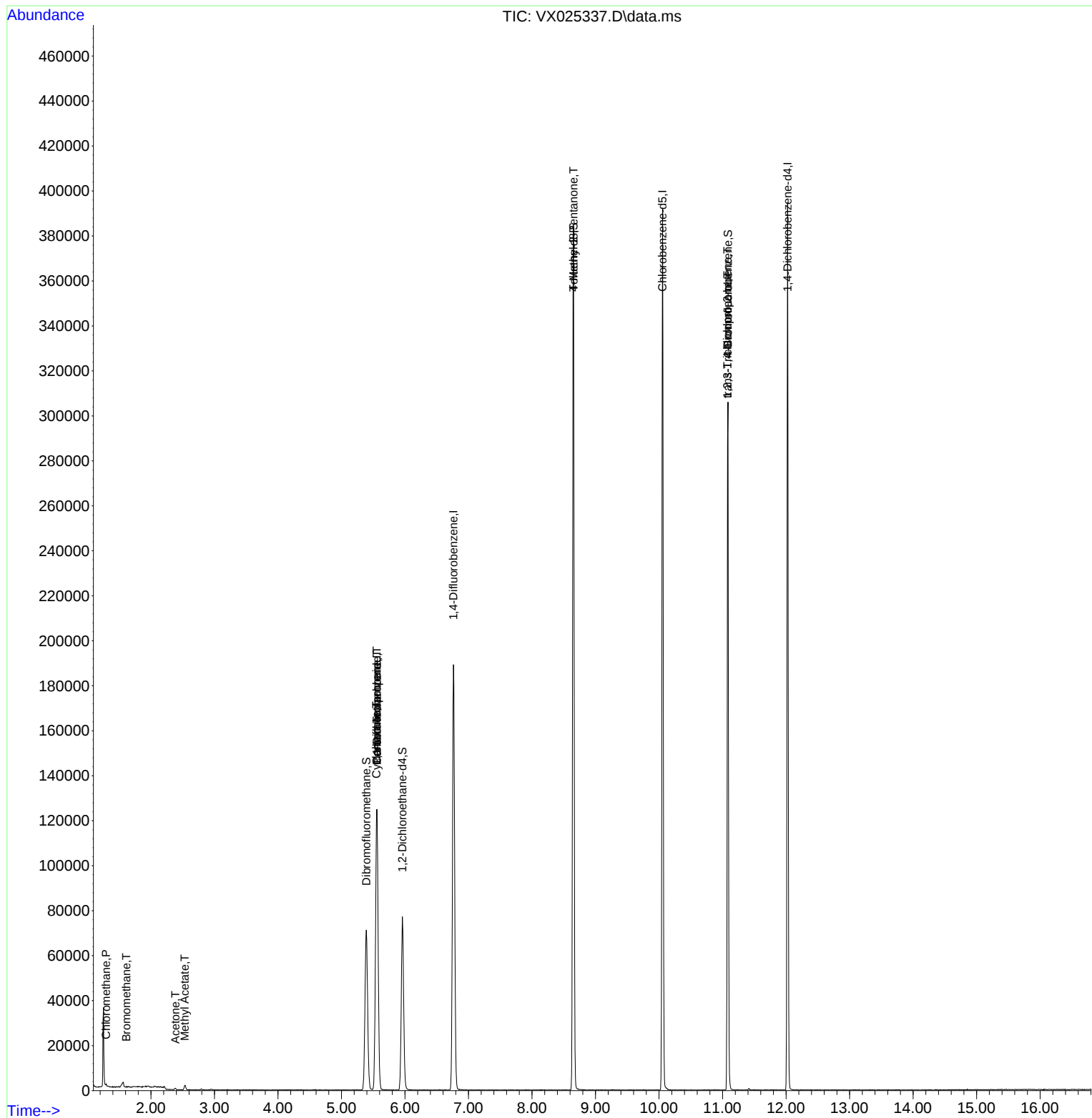
Internal Standards						
1) Pentafluorobenzene	5.556	168	128510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203735	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68226	50.367	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.740%	
35) Dibromofluoromethane	5.391	113	62107	49.684	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.360%	
50) Toluene-d8	8.653	98	234477	49.888	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.780%	
62) 4-Bromofluorobenzene	11.085	95	82898	46.623	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.240%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	413	0.299	ug/l	96
5) Bromomethane	1.611	94	135	0.207	ug/l #	55
11) Tert butyl alcohol	2.965	59	176	Below Cal	#	72
16) Acetone	2.386	43	789	1.048	ug/l #	89
18) Methyl Acetate	2.532	43	591	0.246	ug/l #	52
31) Cyclohexane	5.550	56	2397	1.145	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8568	4.820	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11905	6.081	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	930	0.441	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39766	23.142	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	39766	58.299	ug/l #	9
95) Naphthalene	13.786	128	102	Below Cal	#	69

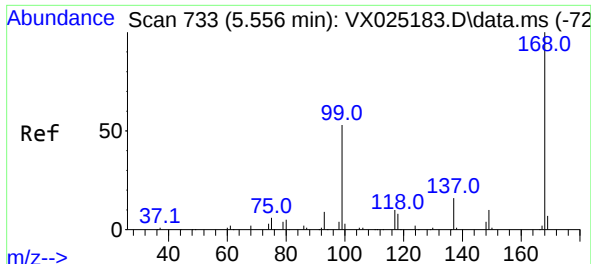
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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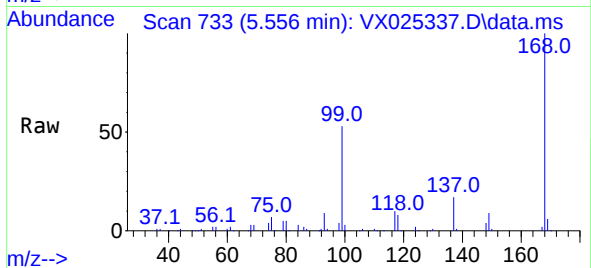
Quant Time: Nov 26 10:38:42 2021
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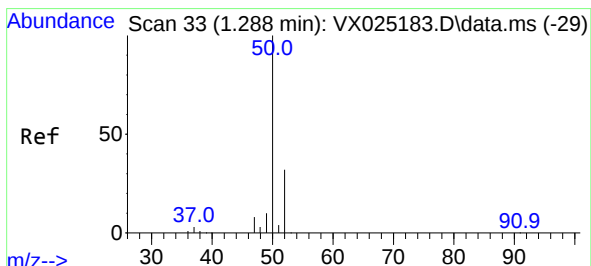
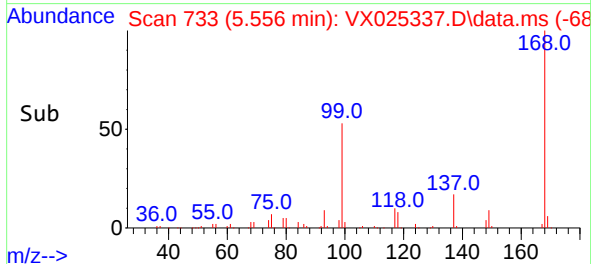
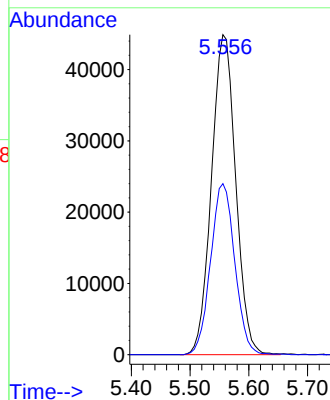


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025337.D
Acq: 24 Nov 2021 19:19

Instrument :
MSVOA_X
ClientSampleId :

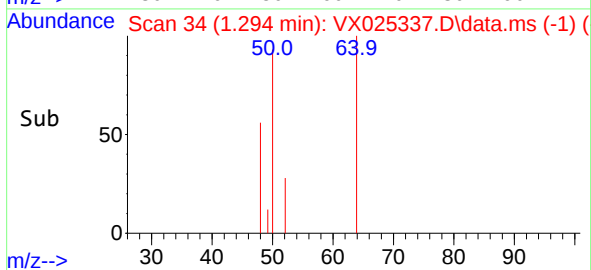
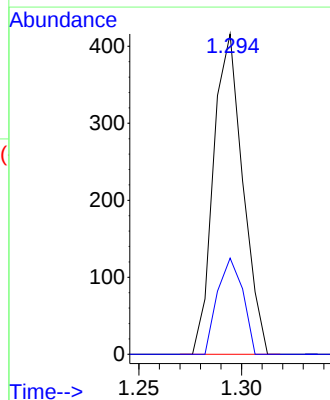
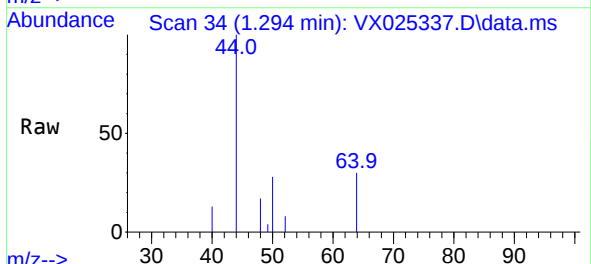


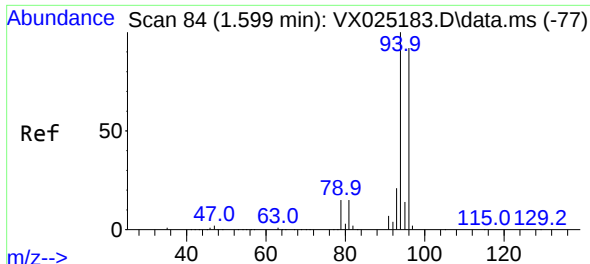
Tgt Ion:168 Resp: 128510
Ion Ratio Lower Upper
168 100
99 53.4 46.4 69.6



#3
Chloromethane
Concen: 0.299 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX025337.D
Acq: 24 Nov 2021 19:19

Tgt Ion: 50 Resp: 413
Ion Ratio Lower Upper
50 100
52 30.0 25.9 38.9

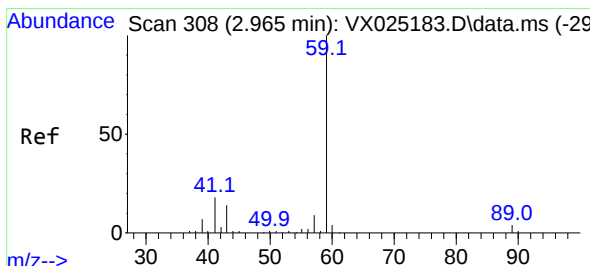
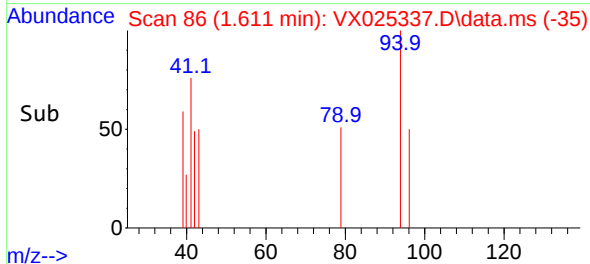
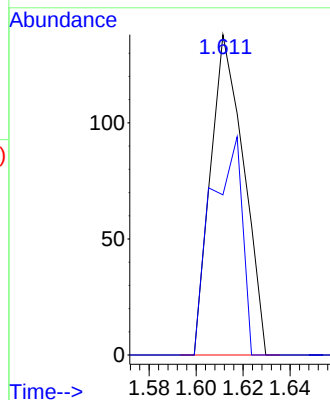
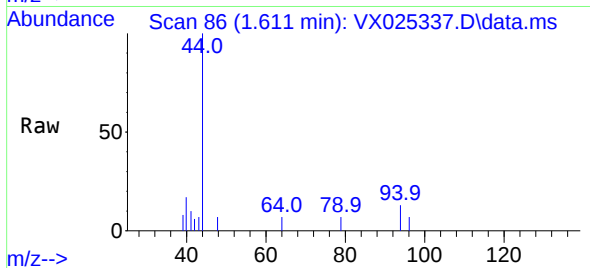




#5
Bromomethane
Concen: 0.207 ug/l
RT: 1.611 min Scan# 84
Delta R.T. 0.012 min
Lab File: VX025337.D
Acq: 24 Nov 2021 19:19

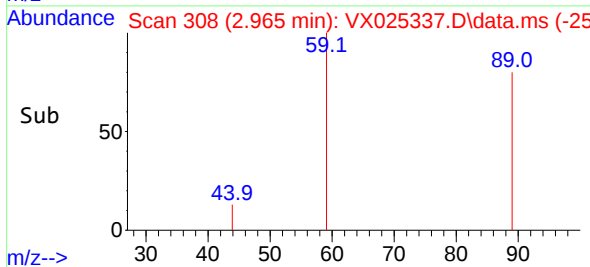
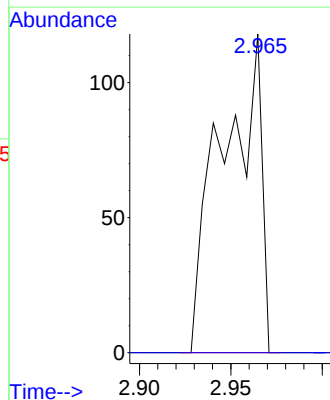
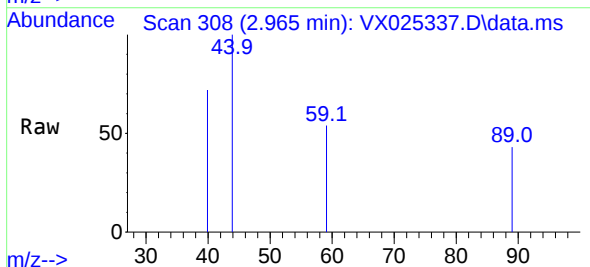
Instrument :
MSVOA_X
ClientSampleId :

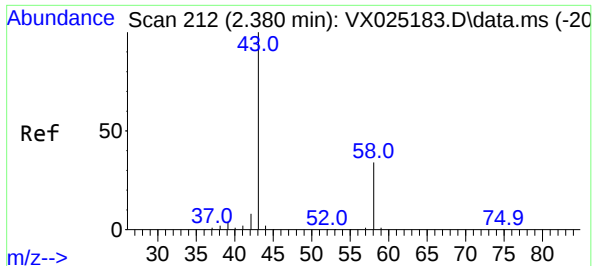
Tgt Ion: 94 Resp: 135
Ion Ratio Lower Upper
94 100
96 50.0 74.8 112.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX025337.D
Acq: 24 Nov 2021 19:19

Tgt Ion: 59 Resp: 176
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

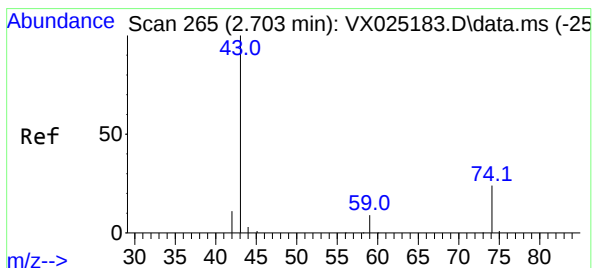
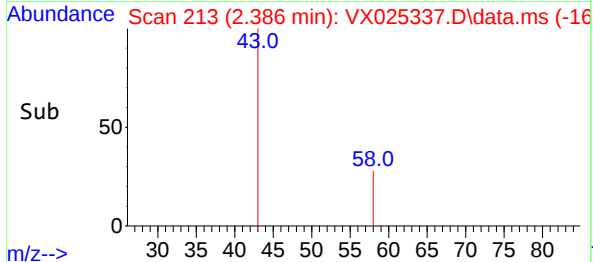
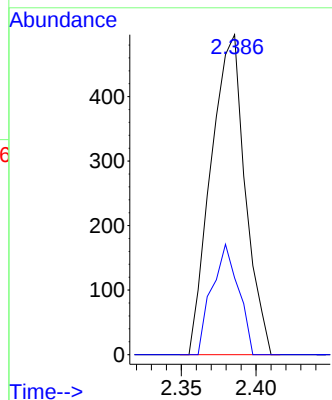
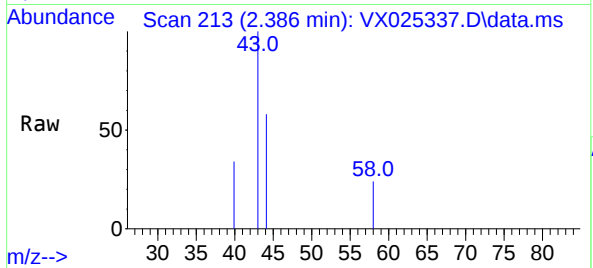




#16
Acetone
Concen: 1.048 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX025337.D
Acq: 24 Nov 2021 19:19

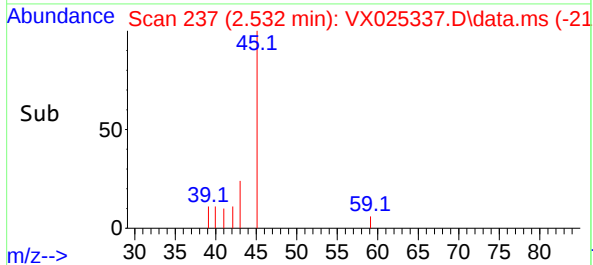
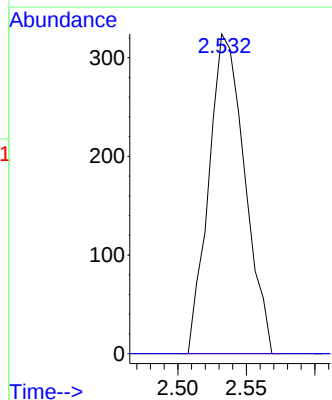
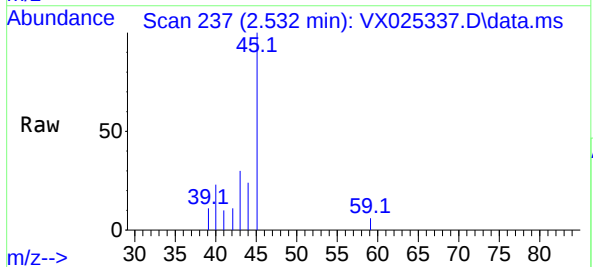
Instrument :
MSVOA_X
ClientSampleId :

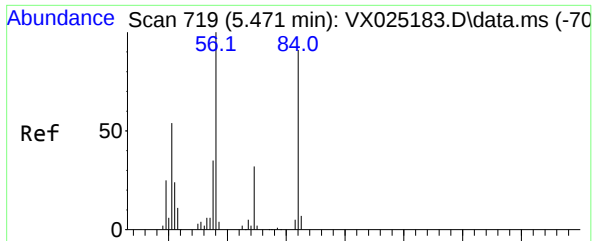
Tgt Ion: 43 Resp: 789
Ion Ratio Lower Upper
43 100
58 24.0 24.0 36.0#



#18
Methyl Acetate
Concen: 0.246 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.171 min
Lab File: VX025337.D
Acq: 24 Nov 2021 19:19

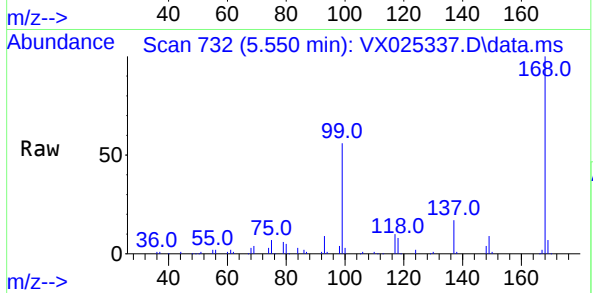
Tgt Ion: 43 Resp: 591
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



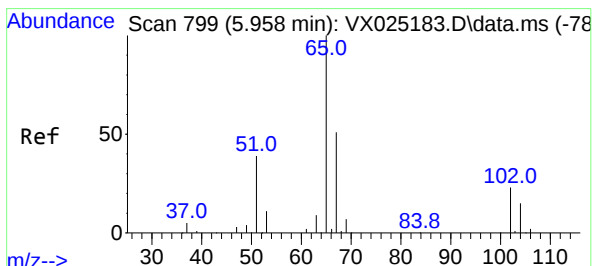
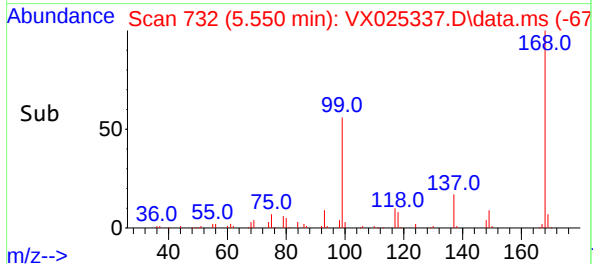
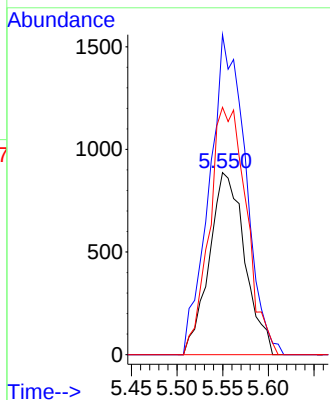


#31
Cyclohexane
Concen: 1.145 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX025337.D
Acq: 24 Nov 2021 19:19

Instrument :
MSVOA_X
ClientSampleId :

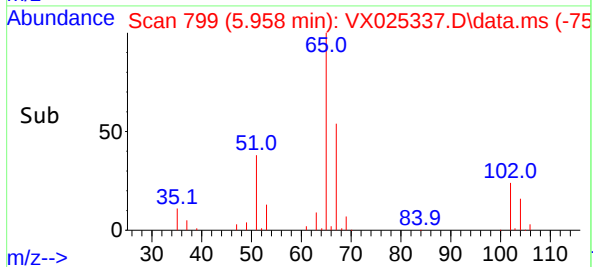
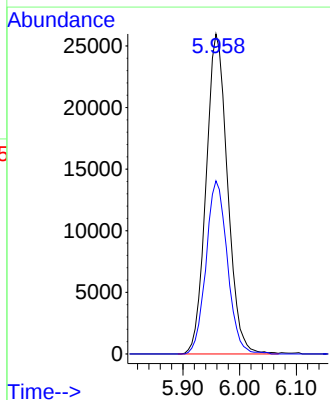
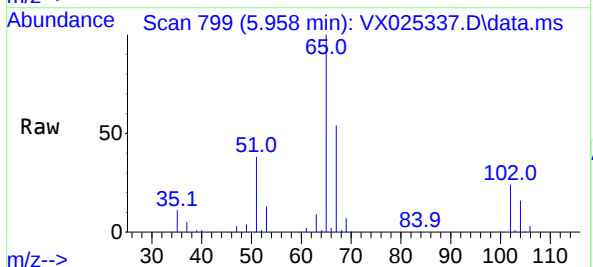


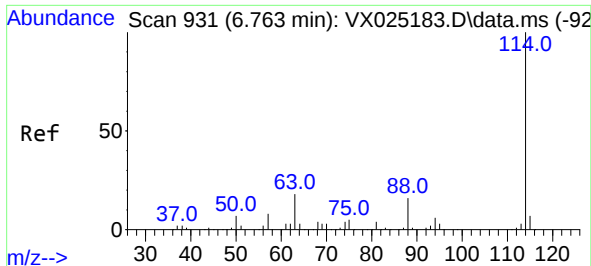
Tgt Ion: 56 Resp: 2397
Ion Ratio Lower Upper
56 100
69 175.8 24.2 36.2#
84 135.9 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 50.367 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025337.D
Acq: 24 Nov 2021 19:19

Tgt Ion: 65 Resp: 68226
Ion Ratio Lower Upper
65 100
67 53.8 0.0 101.0

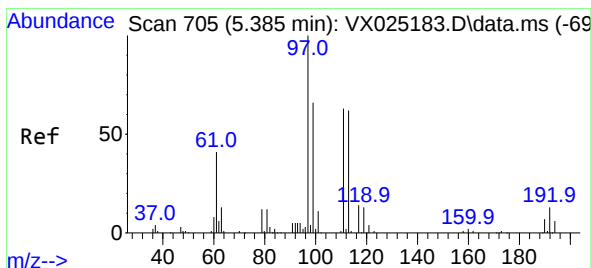
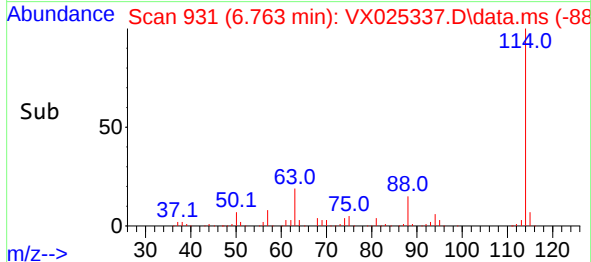
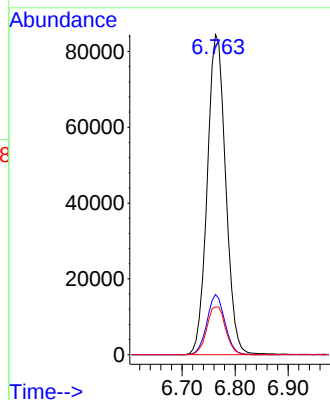
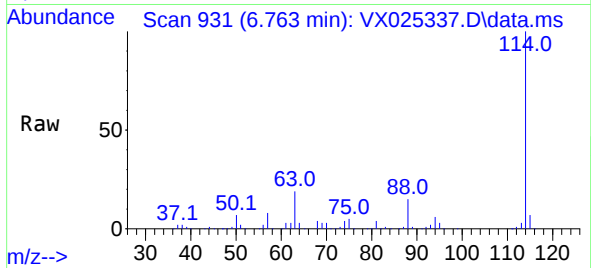




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025337.D
Acq: 24 Nov 2021 19:19

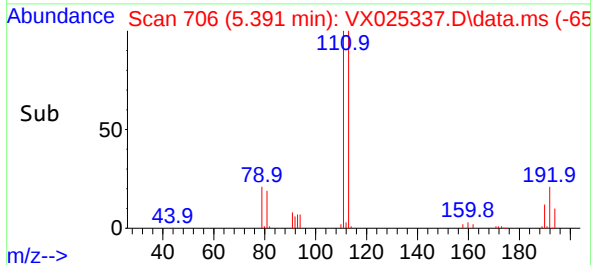
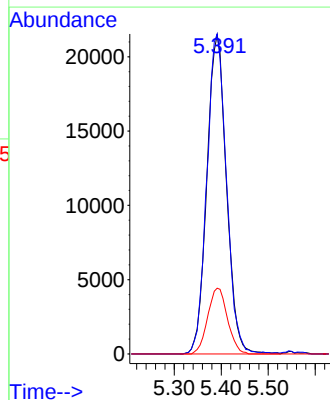
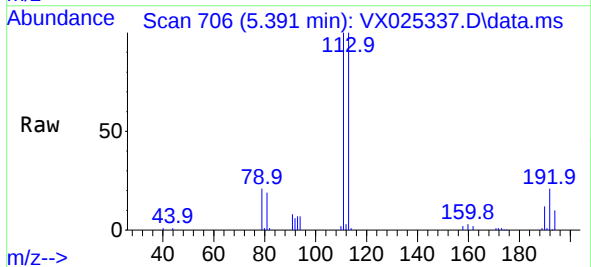
Instrument :
MSVOA_X
ClientSampleId :

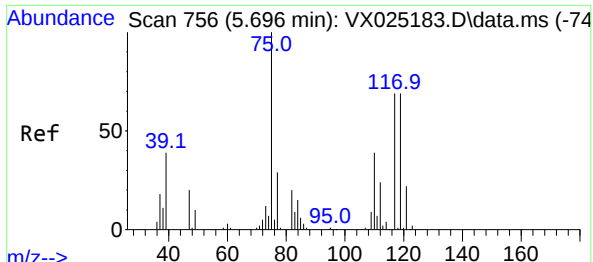
Tgt Ion:114 Resp: 203735
Ion Ratio Lower Upper
114 100
63 18.8 0.0 41.0
88 14.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.684 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025337.D
Acq: 24 Nov 2021 19:19

Tgt Ion:113 Resp: 62107
Ion Ratio Lower Upper
113 100
111 100.3 82.1 123.1
192 20.8 15.6 23.4





#36

1,1-Dichloropropene

Concen: 4.820 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX025337.D

Acq: 24 Nov 2021 19:19

Instrument :

MSVOA_X

ClientSampleId :

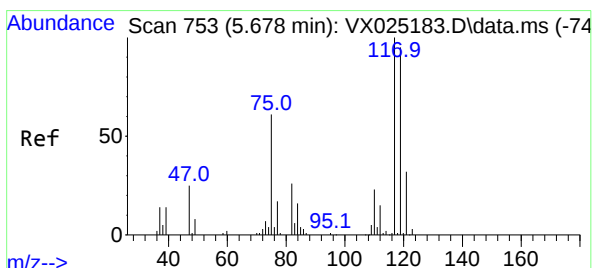
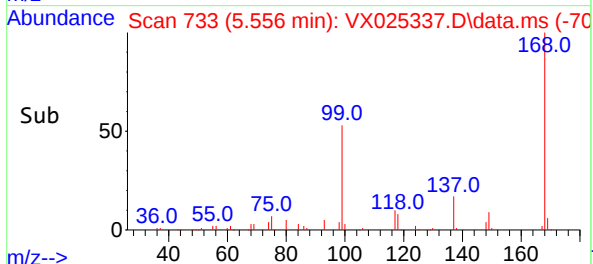
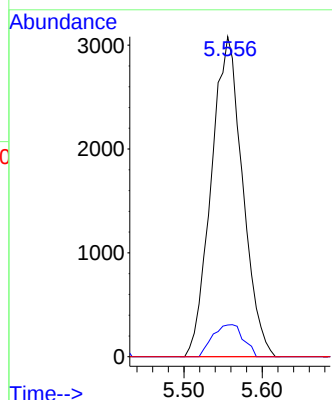
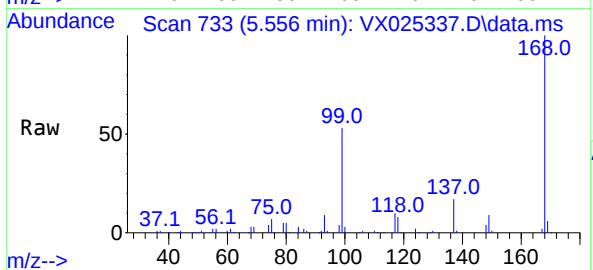
Tgt Ion: 75 Resp: 8568

Ion Ratio Lower Upper

75 100

110 9.7 18.1 54.3#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.081 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX025337.D

Acq: 24 Nov 2021 19:19

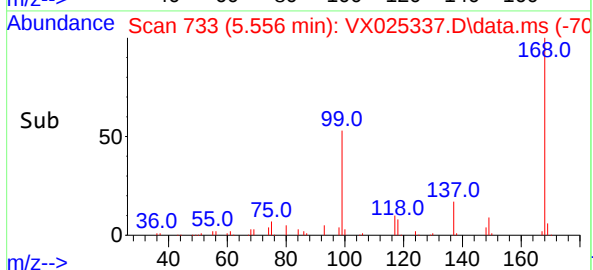
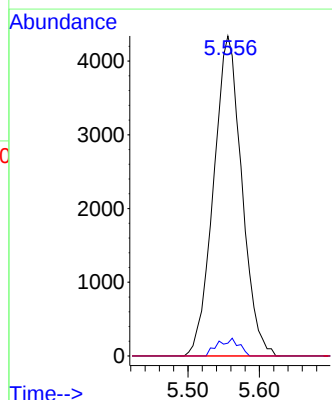
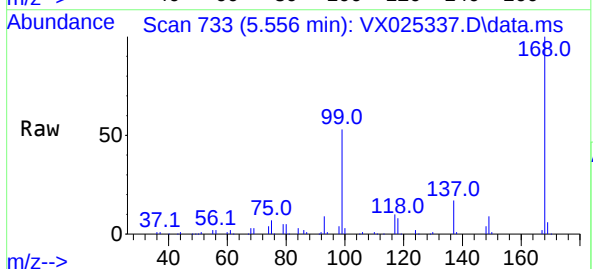
Tgt Ion: 117 Resp: 11905

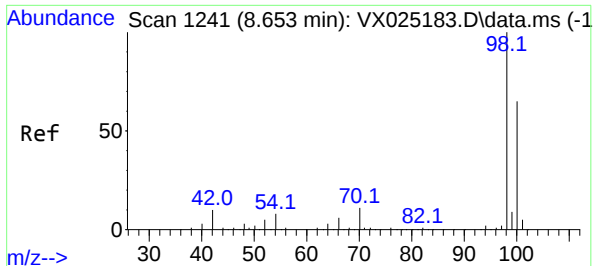
Ion Ratio Lower Upper

117 100

119 4.0 75.6 113.4#

121 0.0 23.7 35.5#





#50

Toluene-d8

Concen: 49.888 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025337.D

Acq: 24 Nov 2021 19:19

Instrument :

MSVOA_X

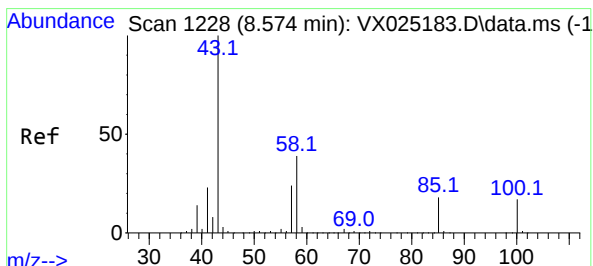
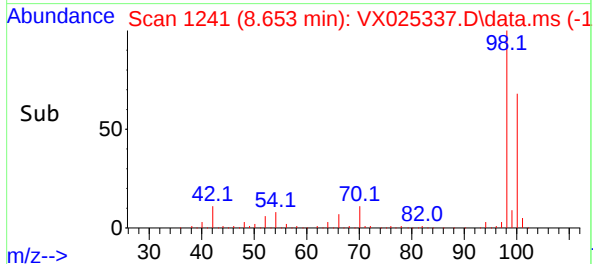
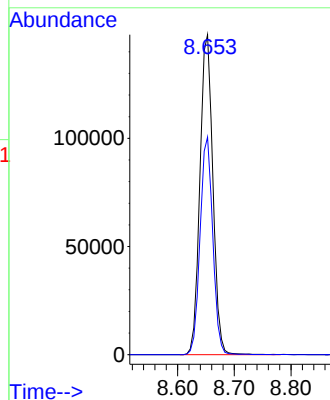
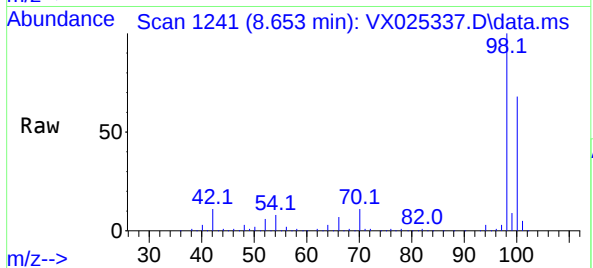
ClientSampleId :

Tgt Ion: 98 Resp: 234477

Ion Ratio Lower Upper

98 100

100 66.5 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 0.441 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX025337.D

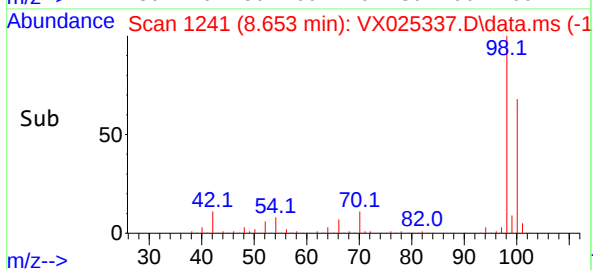
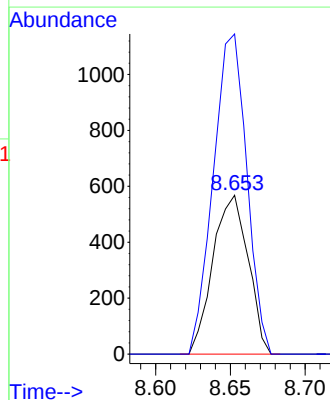
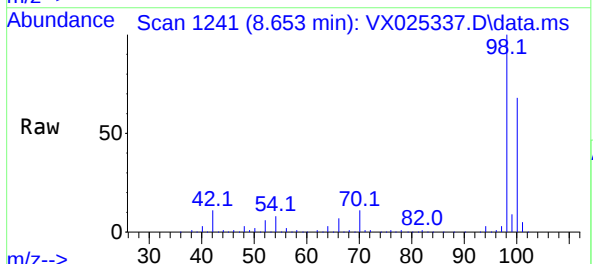
Acq: 24 Nov 2021 19:19

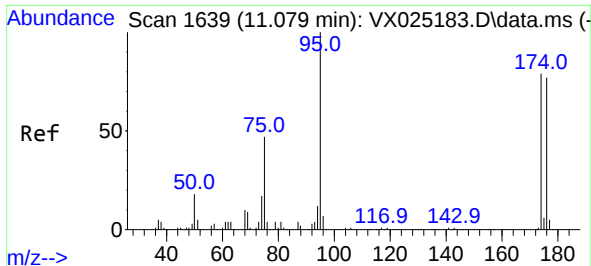
Tgt Ion: 43 Resp: 930

Ion Ratio Lower Upper

43 100

58 191.9 30.9 46.3#

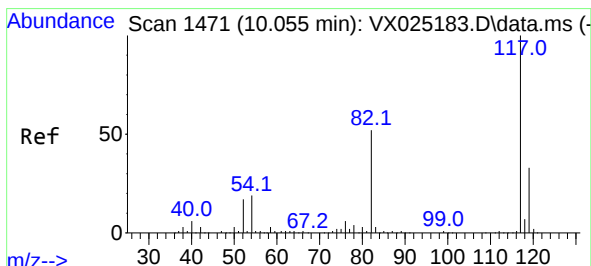
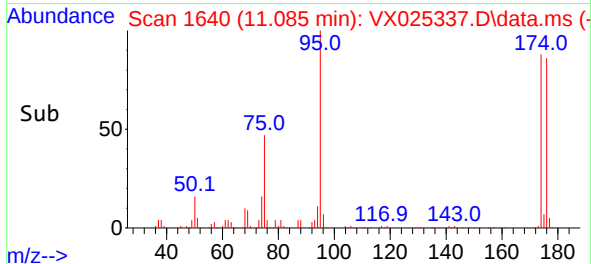
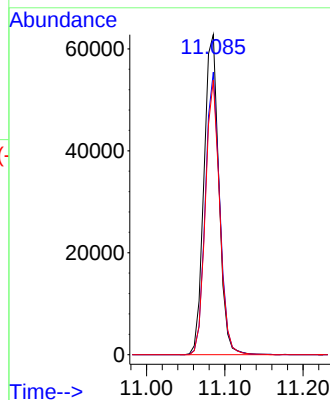
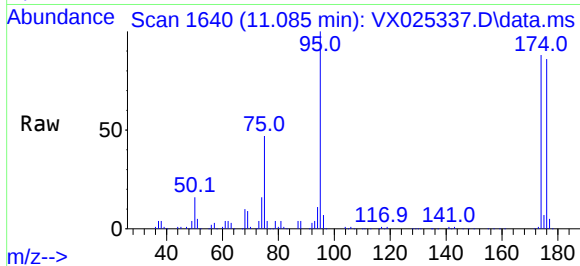




#62
4-Bromofluorobenzene
Concen: 46.623 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX025337.D
Acq: 24 Nov 2021 19:19

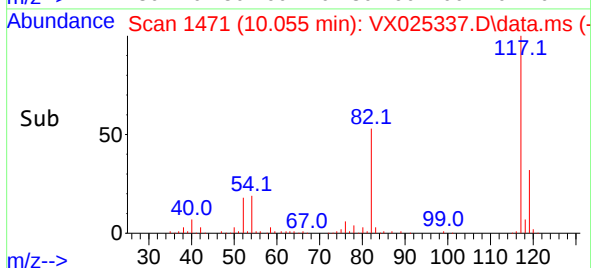
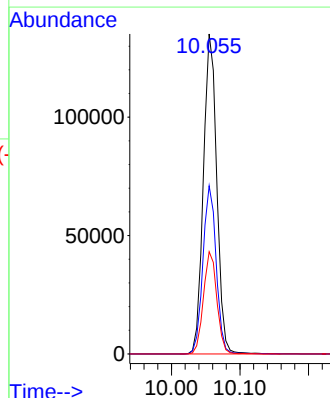
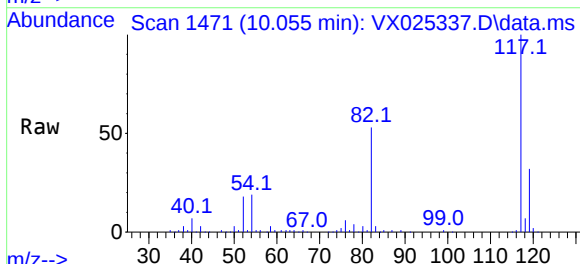
Instrument :
MSVOA_X
ClientSampleId :

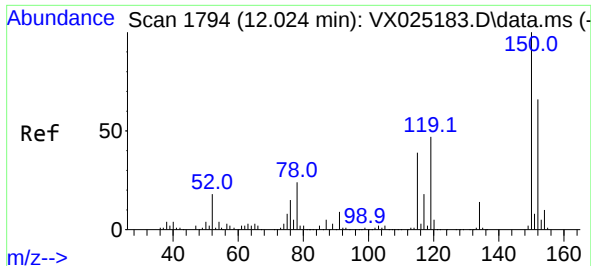
Tgt Ion: 95 Resp: 82898
Ion Ratio Lower Upper
95 100
174 84.9 0.0 158.0
176 82.2 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025337.D
Acq: 24 Nov 2021 19:19

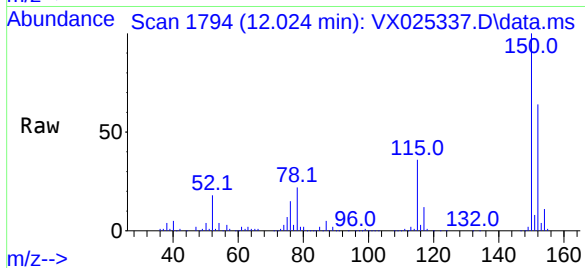
Tgt Ion: 117 Resp: 184294
Ion Ratio Lower Upper
117 100
82 52.5 44.6 67.0
119 32.0 24.8 37.2



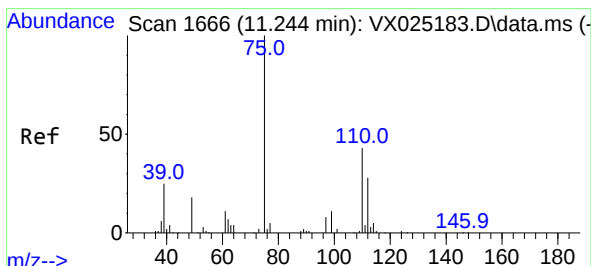
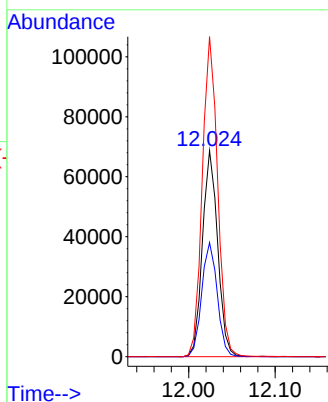
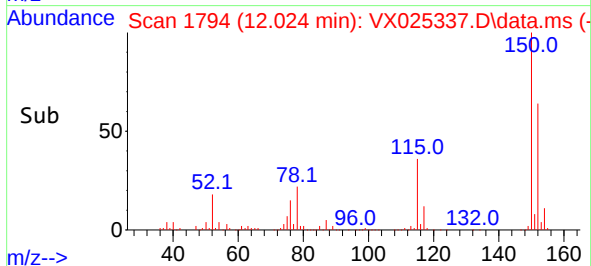


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025337.D
Acq: 24 Nov 2021 19:19

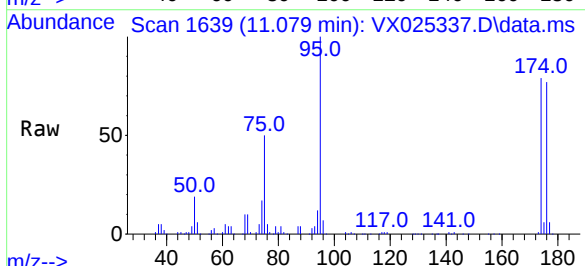
Instrument :
MSVOA_X
ClientSampleId :



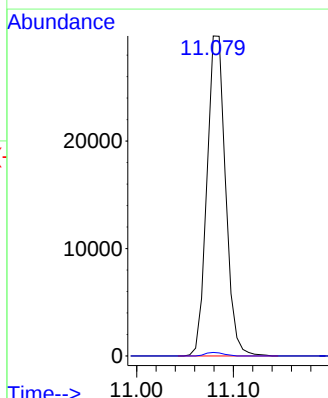
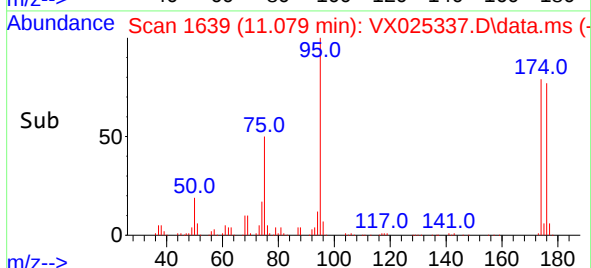
Tgt Ion:152 Resp: 83912
Ion Ratio Lower Upper
152 100
115 56.5 43.3 129.8
150 156.2 0.0 351.2

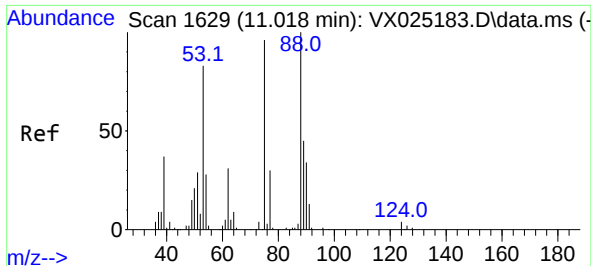


#76
1,2,3-Trichloropropane
Concen: 23.142 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025337.D
Acq: 24 Nov 2021 19:19



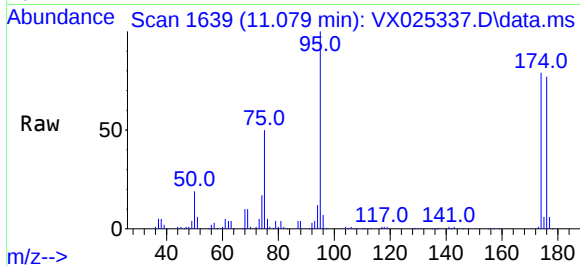
Tgt Ion: 75 Resp: 39766
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#



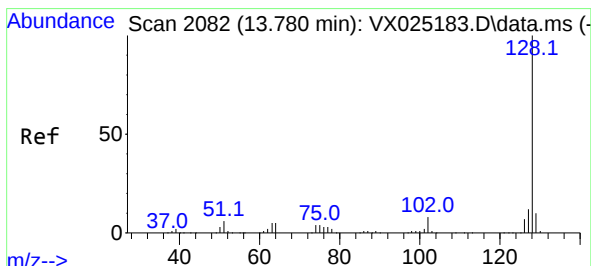
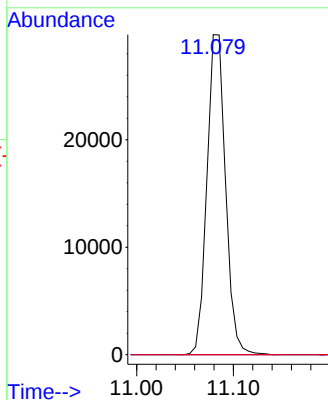
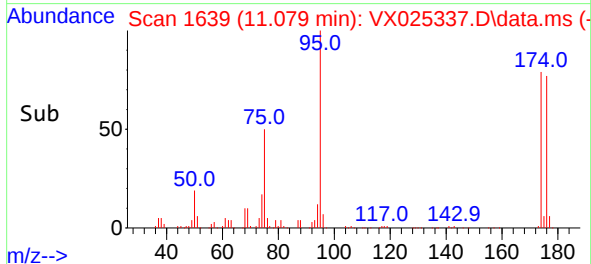


#81
trans-1,4-Dichloro-2-butene
Concen: 58.299 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX025337.D
Acq: 24 Nov 2021 19:19

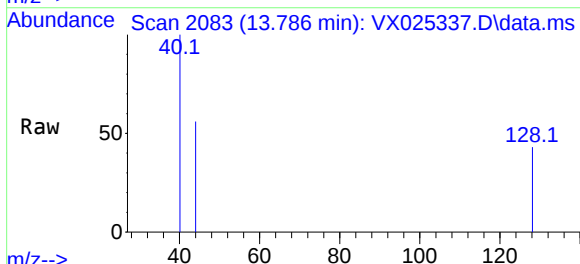
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 39766
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#



#95
Naphthalene
Concen: Below Cal
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX025337.D
Acq: 24 Nov 2021 19:19



Tgt Ion: 128 Resp: 102
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

