

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025509.D
 Acq On : 04 Dec 2021 02:26
 Operator : JC/MD
 Sample : M4923-19DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 04 11:09:16 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)

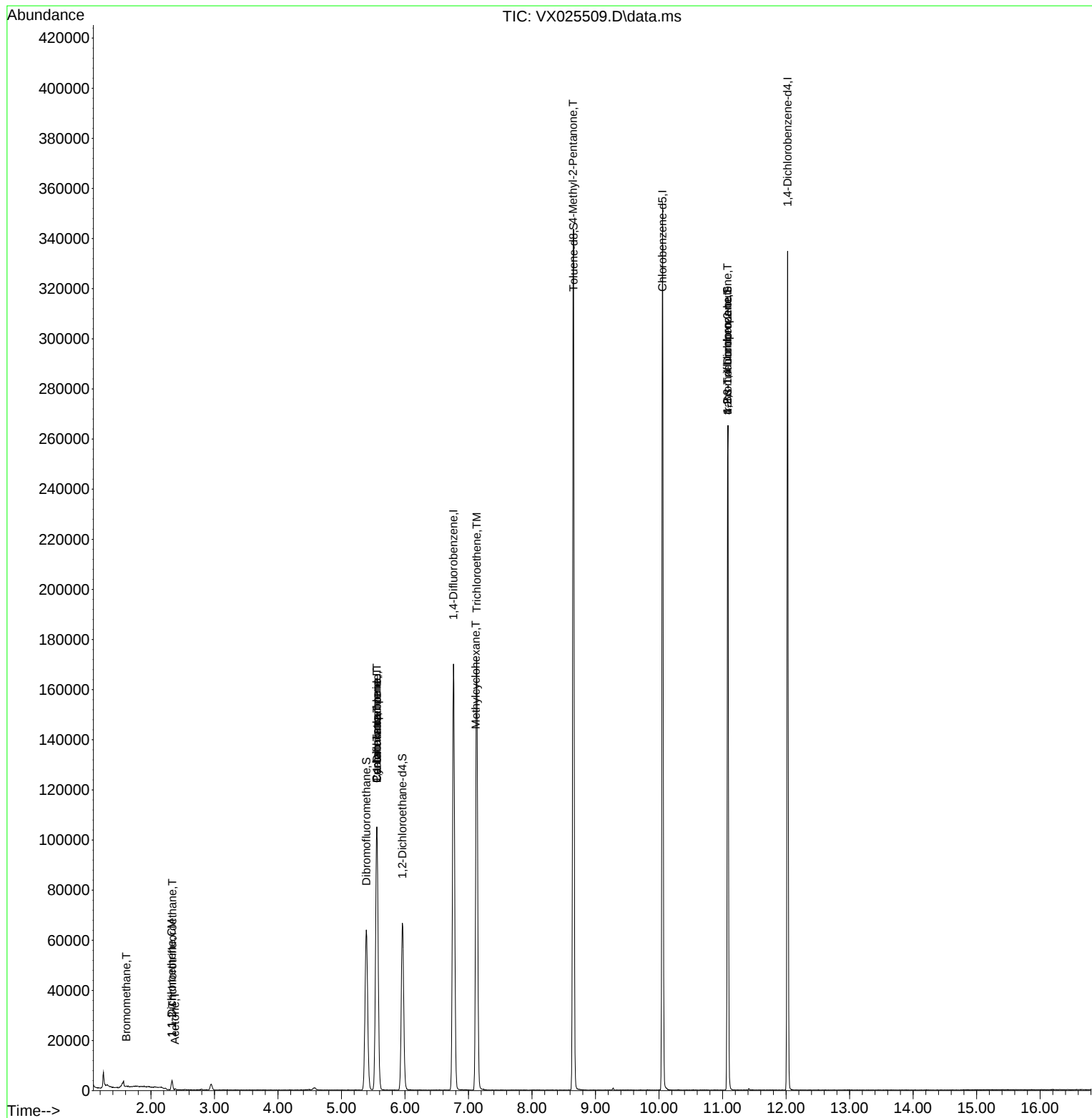
Internal Standards						
1) Pentafluorobenzene	5.556	168	105872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180608	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63431	56.840	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.680%	
35) Dibromofluoromethane	5.391	113	55227	49.837	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.680%	
50) Toluene-d8	8.653	98	207866	49.890	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.780%	
62) 4-Bromofluorobenzene	11.079	95	72274	45.852	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.700%	
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	108	0.201	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.337	101	1251	1.270	ug/l	96
11) Tert butyl alcohol	2.946	59	1443	Below Cal	#	72
12) 1,1-Dichloroethene	2.325	96	361	0.368	ug/l #	61
16) Acetone	2.380	43	377	0.608	ug/l #	77
31) Cyclohexane	5.556	56	1892	1.097	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	7288	4.625	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9990	5.756	ug/l #	17
39) Methylcyclohexane	7.116	83	793	0.392	ug/l #	1
44) Trichloroethene	7.129	130	69622	50.208	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	903	0.483	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35119	24.592	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35119	61.950	ug/l #	9

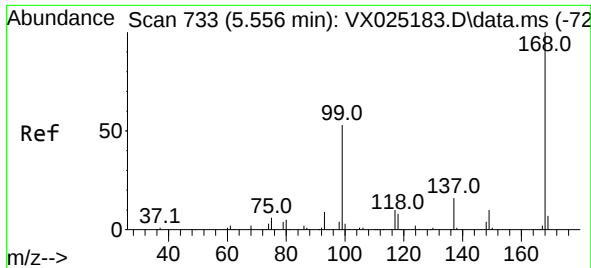
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
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MSVOA_X
ClientSampleId :

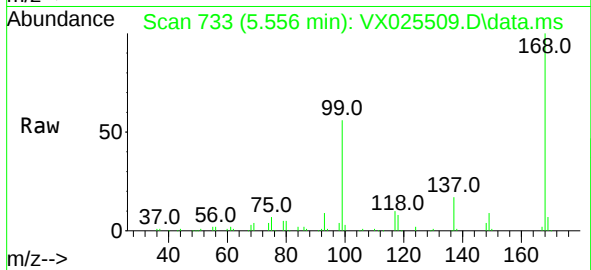
Quant Time: Dec 04 11:09:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



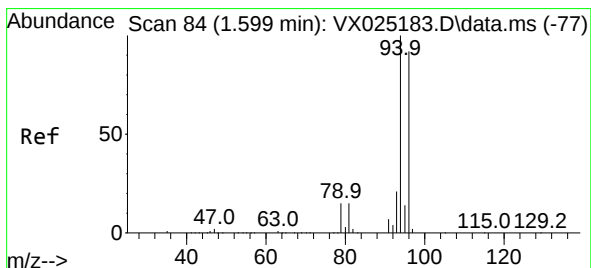
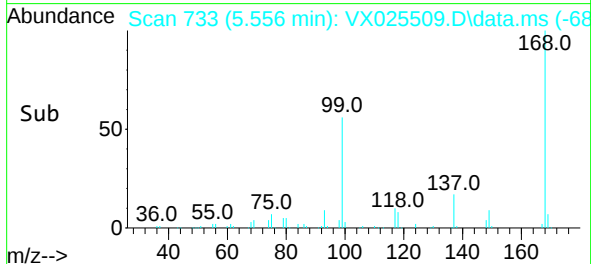
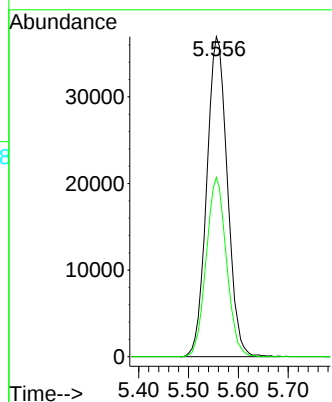


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025509.D
Acq: 04 Dec 2021 02:26

Instrument :
MSVOA_X
ClientSampled :

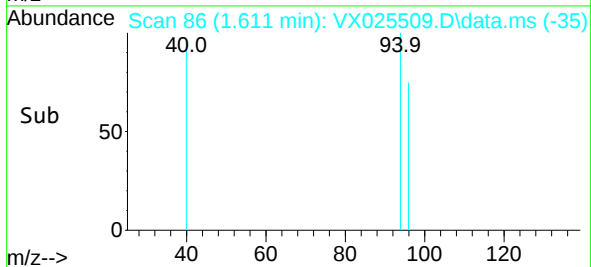
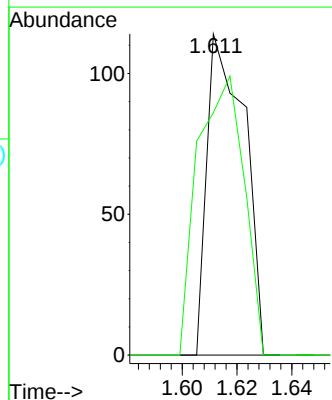
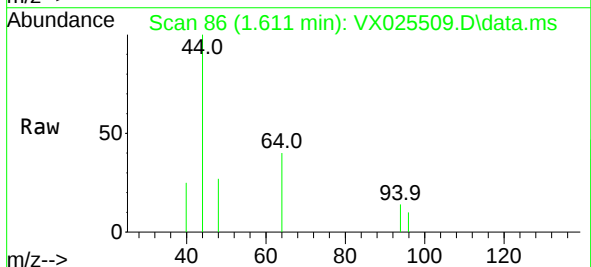


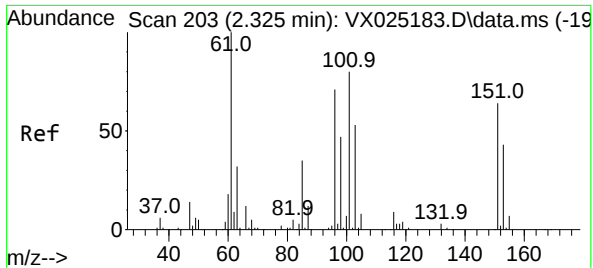
Tgt Ion:168 Resp: 105872
Ion Ratio Lower Upper
168 100
99 56.1 46.4 69.6



#5
Bromomethane
Concen: 0.201 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX025509.D
Acq: 04 Dec 2021 02:26

Tgt Ion: 94 Resp: 108
Ion Ratio Lower Upper
94 100
96 75.4 74.8 112.2

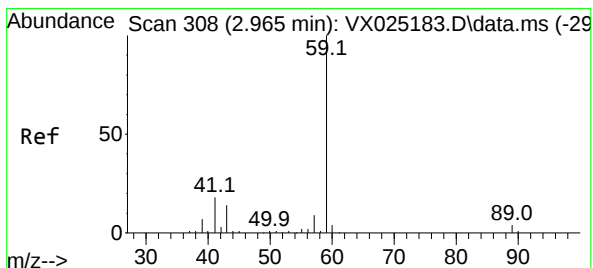
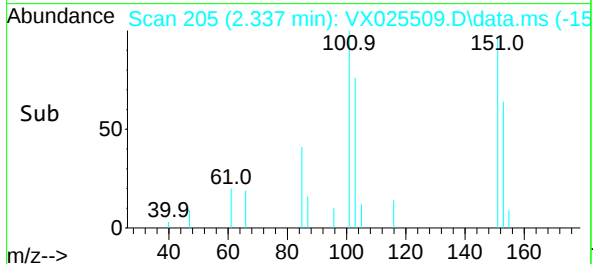
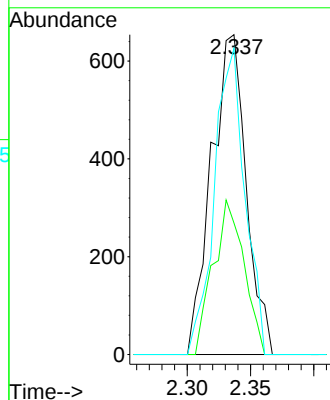
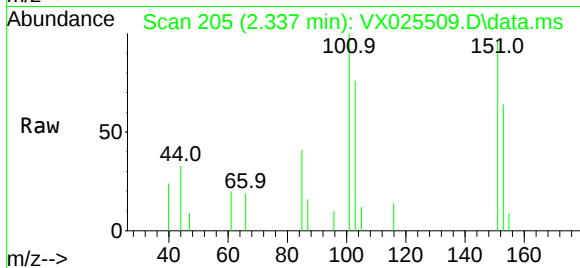




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.270 ug/l
RT: 2.337 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX025509.D
Acq: 04 Dec 2021 02:26

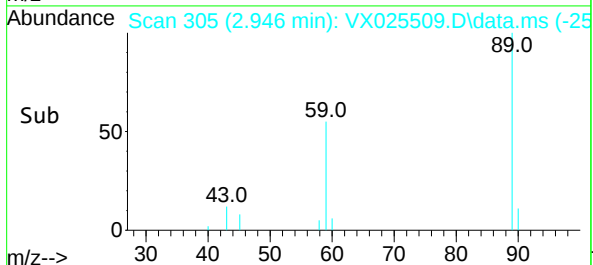
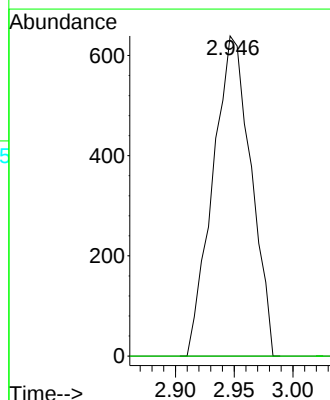
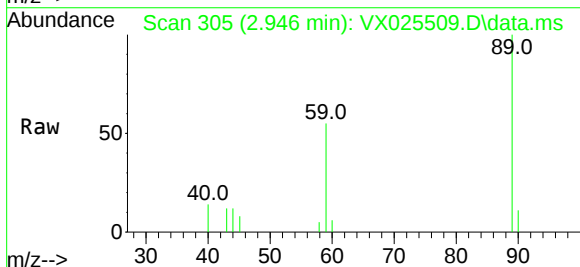
Instrument :
MSVOA_X
ClientSampleId :

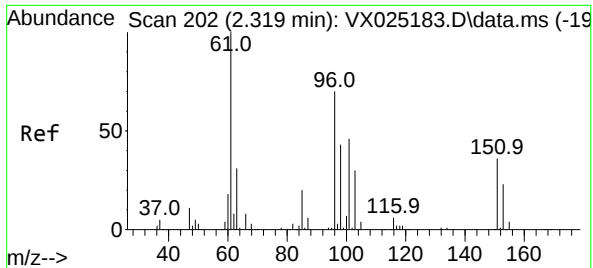
Tgt Ion:101 Resp: 1251
Ion Ratio Lower Upper
101 100
85 42.8 35.9 53.9
151 84.0 64.4 96.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.019 min
Lab File: VX025509.D
Acq: 04 Dec 2021 02:26

Tgt Ion: 59 Resp: 1443
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#





#12

1,1-Dichloroethene

Concen: 0.368 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX025509.D

Acq: 04 Dec 2021 02:26

Instrument :

MSVOA_X

ClientSampleId :

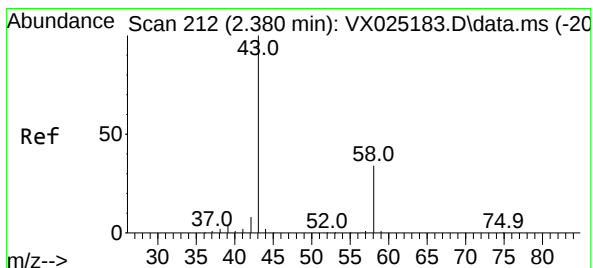
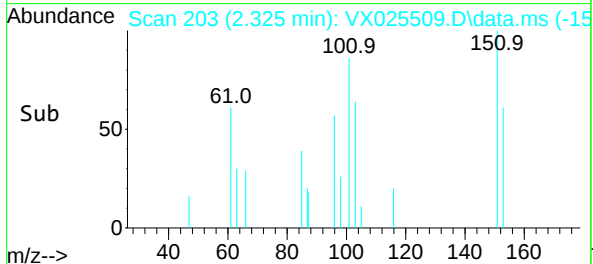
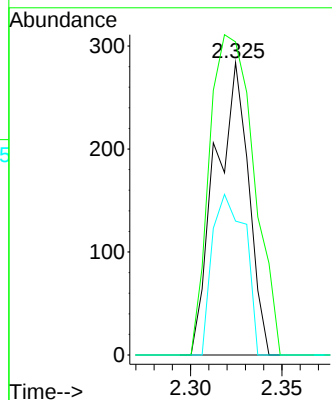
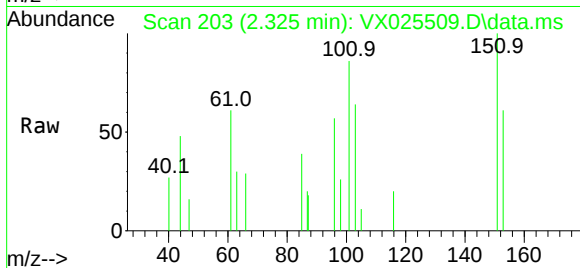
Tgt Ion: 96 Resp: 361

Ion Ratio Lower Upper

96 100

61 107.0 134.1 201.1#

98 45.8 51.5 77.3#



#16

Acetone

Concen: 0.608 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX025509.D

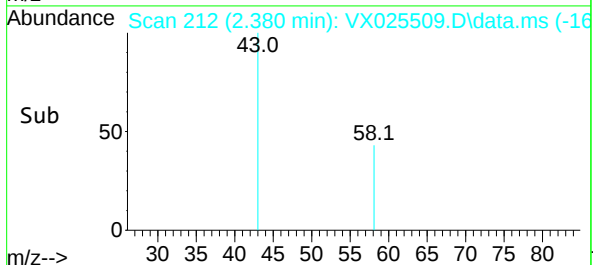
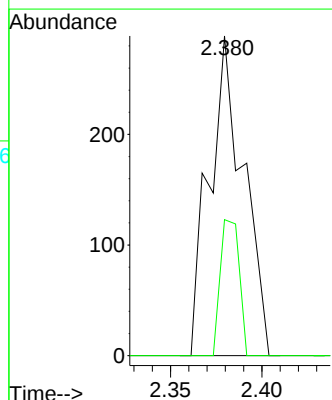
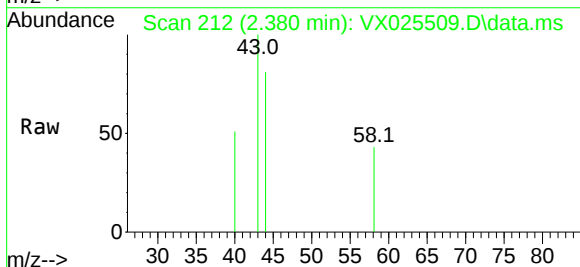
Acq: 04 Dec 2021 02:26

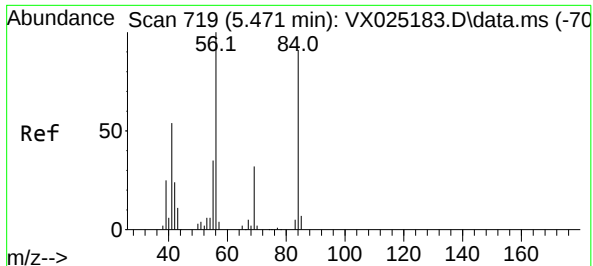
Tgt Ion: 43 Resp: 377

Ion Ratio Lower Upper

43 100

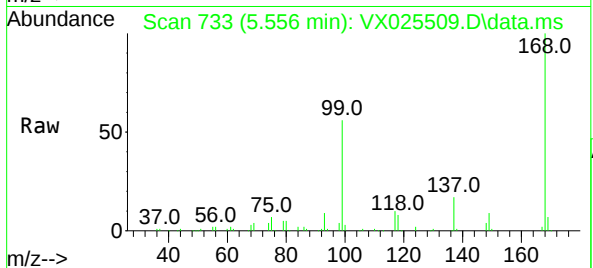
58 42.6 24.0 36.0#



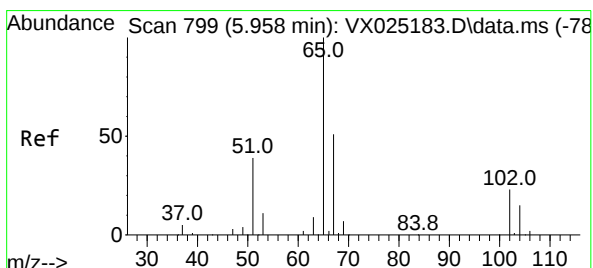
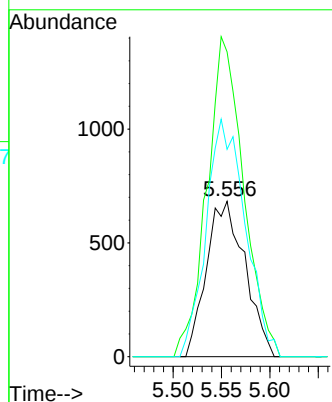
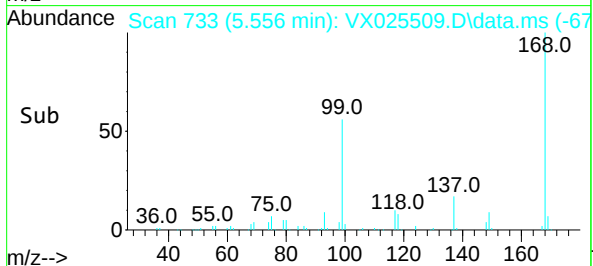


#31
Cyclohexane
Concen: 1.097 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX025509.D
Acq: 04 Dec 2021 02:26

Instrument :
MSVOA_X
ClientSampleId :

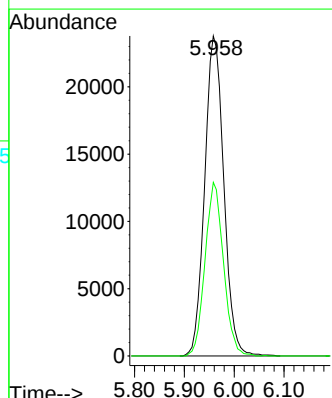
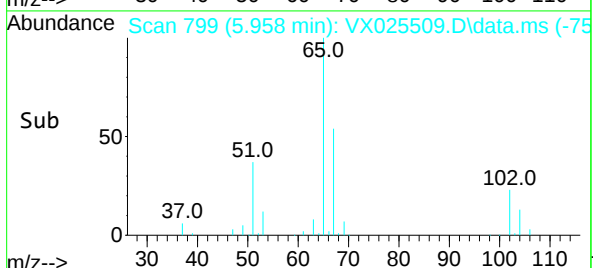
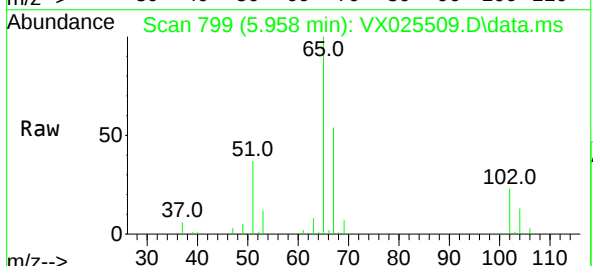


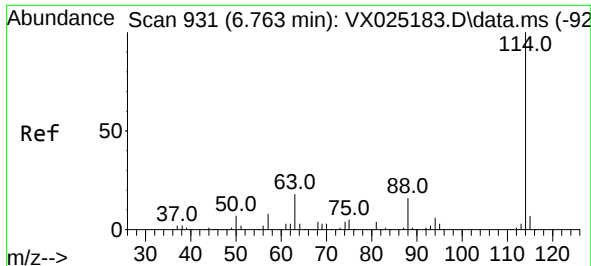
Tgt Ion: 56 Resp: 1892
Ion Ratio Lower Upper
56 100
69 196.0 24.2 36.2#
84 133.4 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 56.840 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025509.D
Acq: 04 Dec 2021 02:26

Tgt Ion: 65 Resp: 63431
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.0

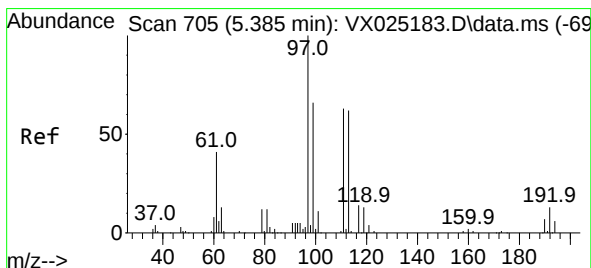
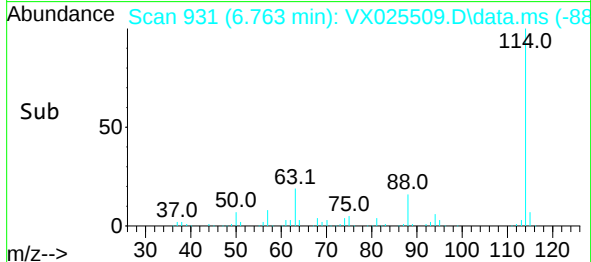
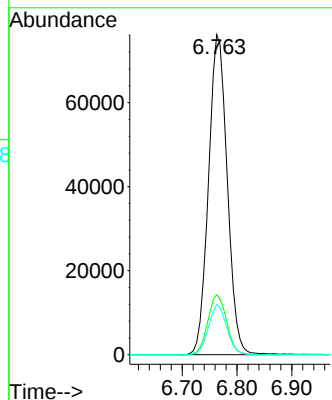
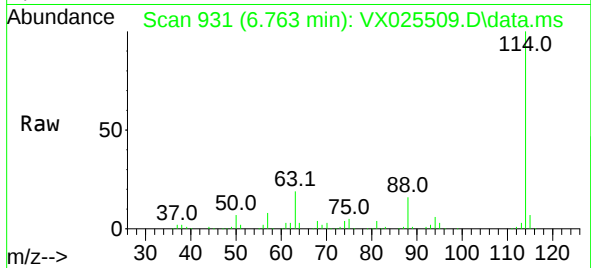




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025509.D
Acq: 04 Dec 2021 02:26

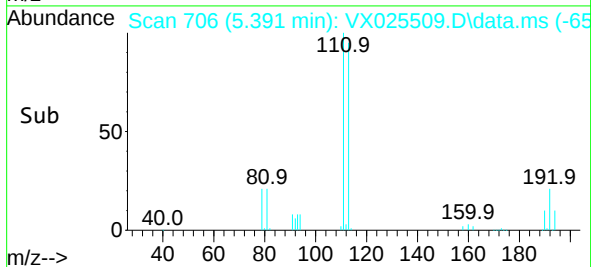
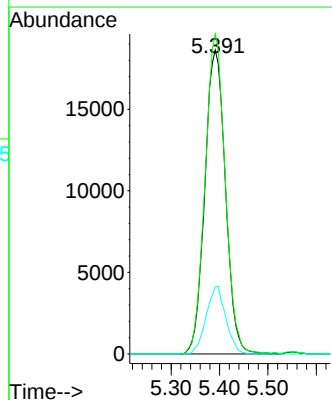
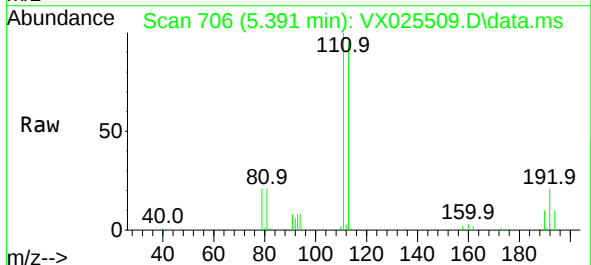
Instrument :
MSVOA_X
ClientSampleId :

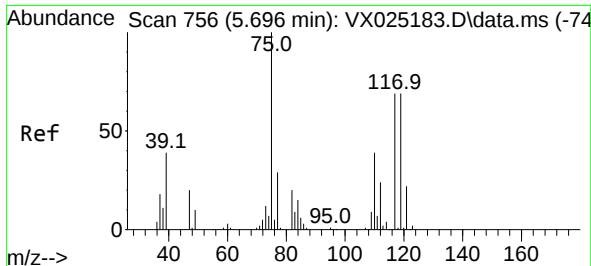
Tgt Ion:114 Resp: 180608
Ion Ratio Lower Upper
114 100
63 18.7 0.0 41.0
88 15.7 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.837 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025509.D
Acq: 04 Dec 2021 02:26

Tgt Ion:113 Resp: 55227
Ion Ratio Lower Upper
113 100
111 103.2 82.1 123.1
192 21.1 15.6 23.4

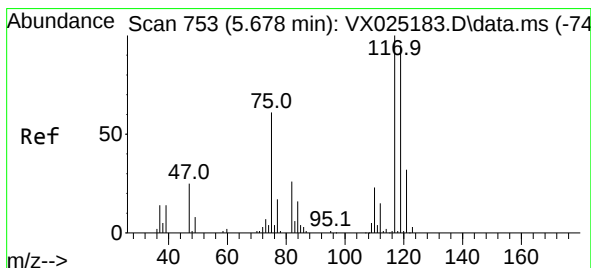
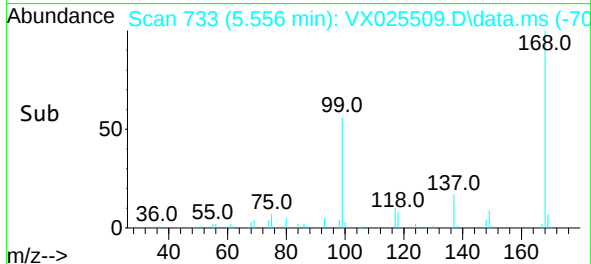
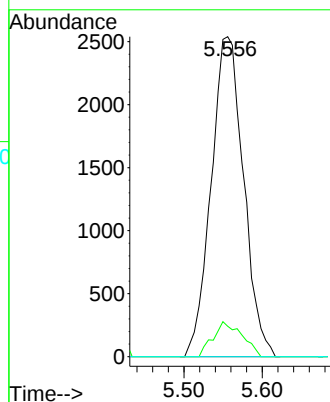
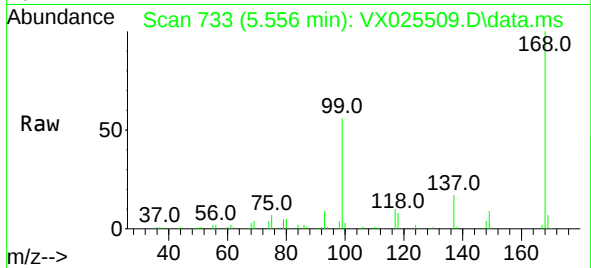




#36
1,1-Dichloropropene
Concen: 4.625 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX025509.D
Acq: 04 Dec 2021 02:26

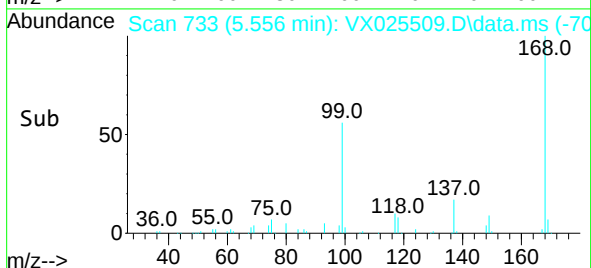
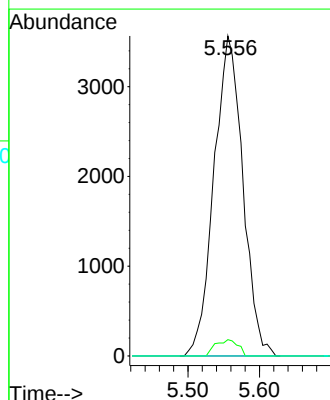
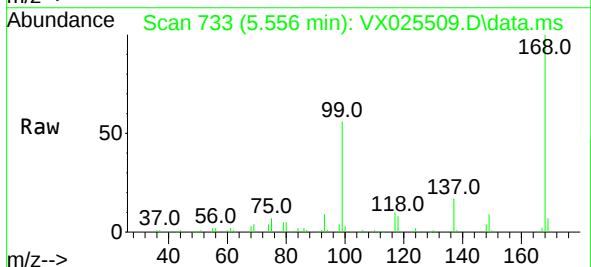
Instrument :
MSVOA_X
ClientSampleId :

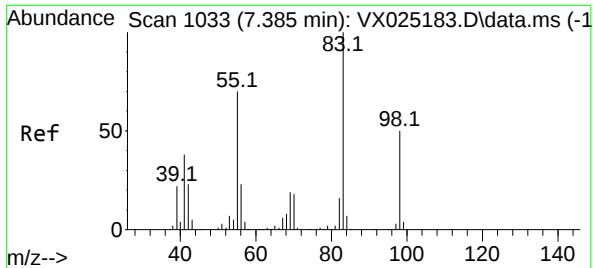
Tgt Ion: 75 Resp: 7288
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.756 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX025509.D
Acq: 04 Dec 2021 02:26

Tgt Ion: 117 Resp: 9990
Ion Ratio Lower Upper
117 100
119 5.1 75.6 113.4#
121 0.0 23.7 35.5#





#39

Methylcyclohexane

Concen: 0.392 ug/l

RT: 7.116 min Scan# 91

Delta R.T. -0.269 min

Lab File: VX025509.D

Acq: 04 Dec 2021 02:26

Instrument :

MSVOA_X

ClientSampleId :

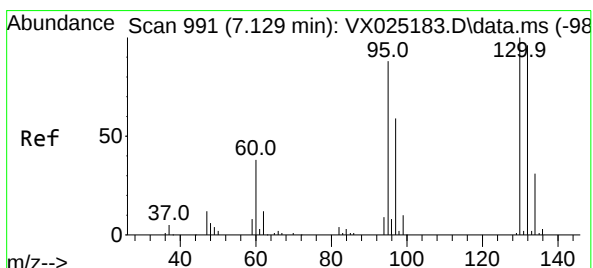
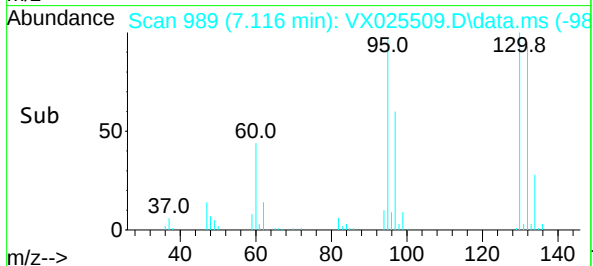
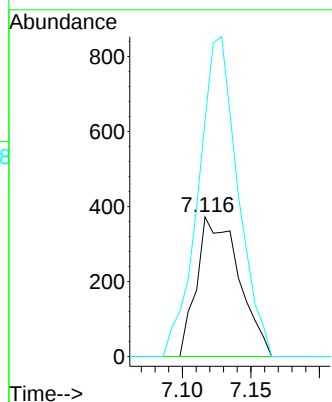
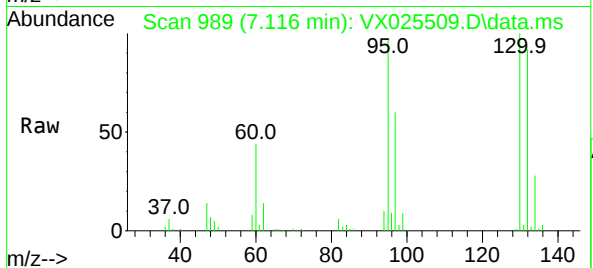
Tgt Ion: 83 Resp: 793

Ion Ratio Lower Upper

83 100

55 0.0 60.8 91.2#

98 169.1 37.0 55.4#



#44

Trichloroethene

Concen: 50.208 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025509.D

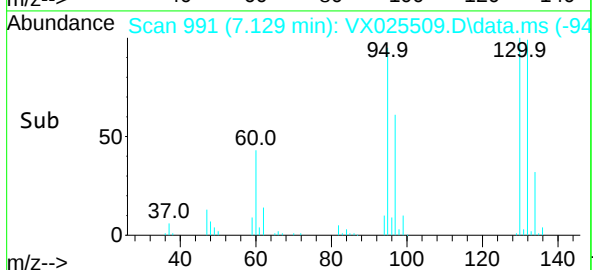
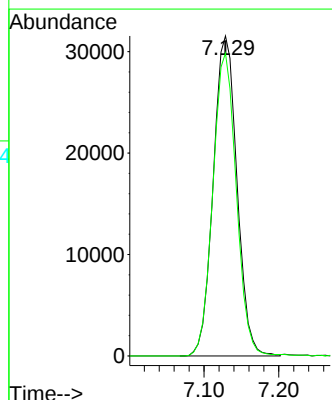
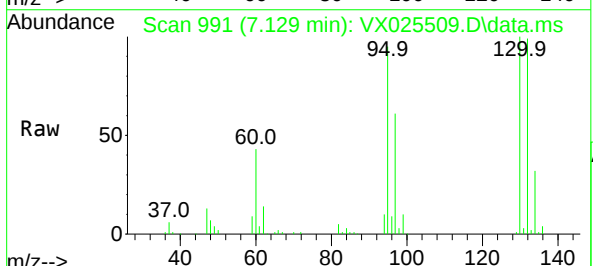
Acq: 04 Dec 2021 02:26

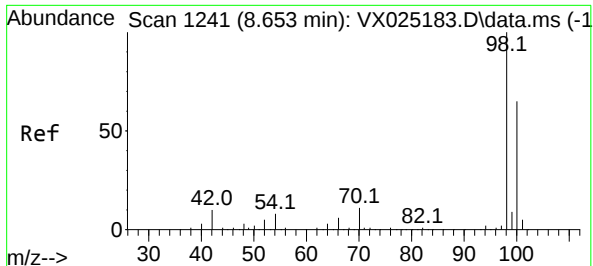
Tgt Ion:130 Resp: 69622

Ion Ratio Lower Upper

130 100

95 94.6 0.0 196.8





#50

Toluene-d8

Concen: 49.890 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025509.D

Acq: 04 Dec 2021 02:26

Instrument :

MSVOA_X

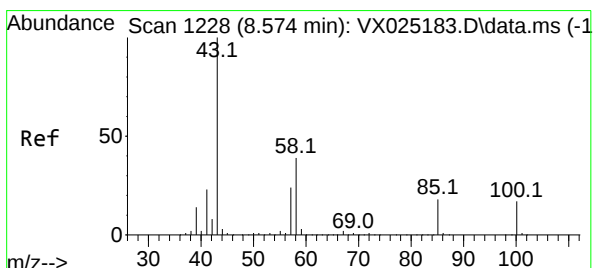
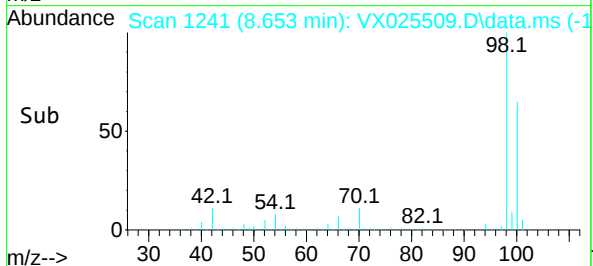
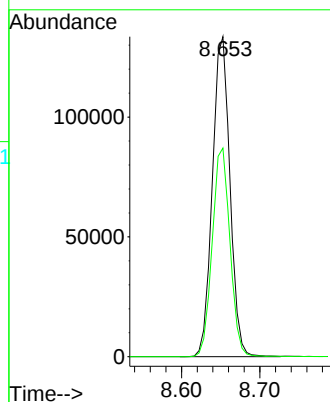
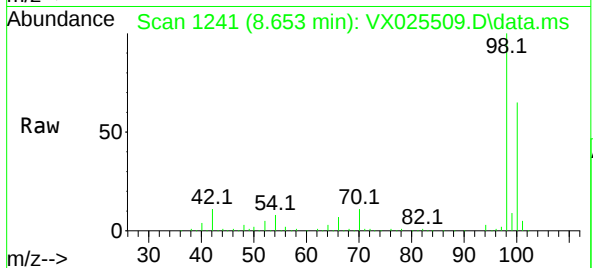
ClientSampleId :

Tgt Ion: 98 Resp: 207866

Ion Ratio Lower Upper

98 100

100 66.0 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 0.483 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX025509.D

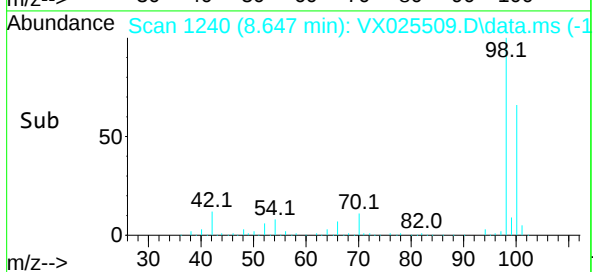
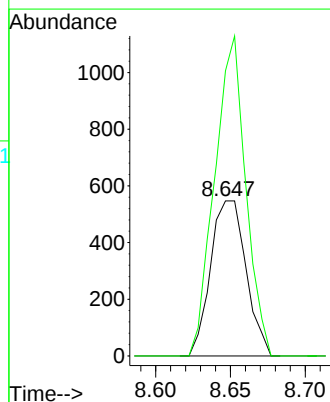
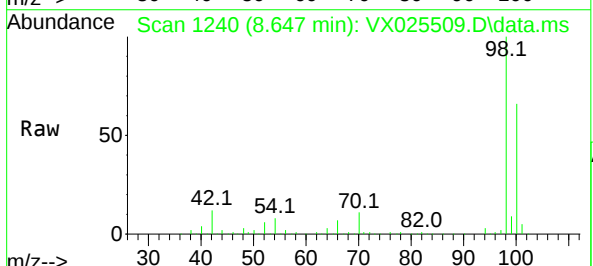
Acq: 04 Dec 2021 02:26

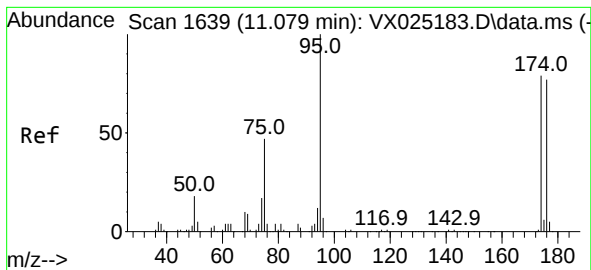
Tgt Ion: 43 Resp: 903

Ion Ratio Lower Upper

43 100

58 180.7 30.9 46.3#

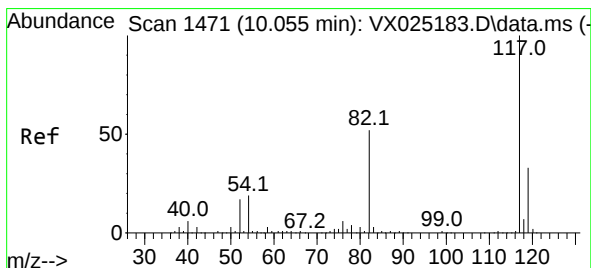
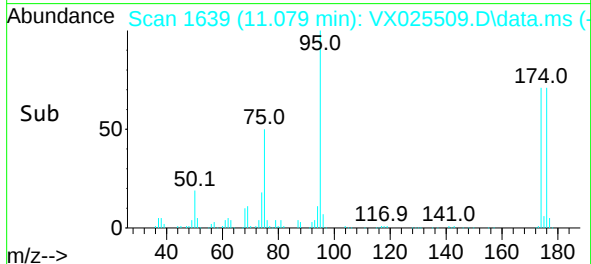
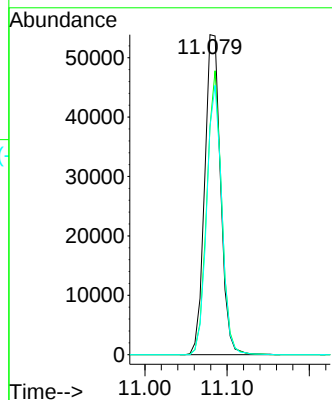
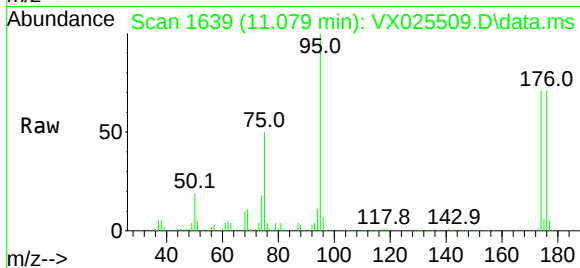




#62
4-Bromofluorobenzene
Concen: 45.852 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025509.D
Acq: 04 Dec 2021 02:26

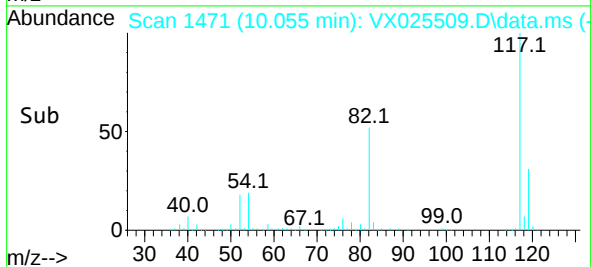
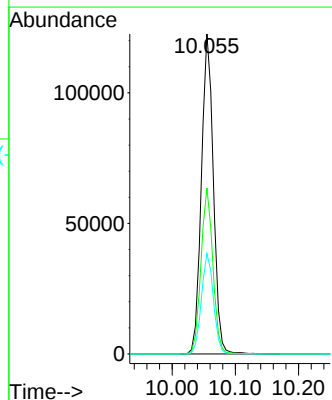
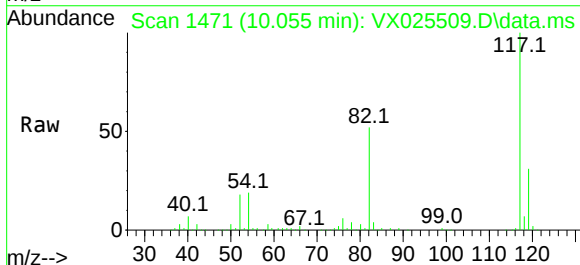
Instrument :
MSVOA_X
ClientSampleId :

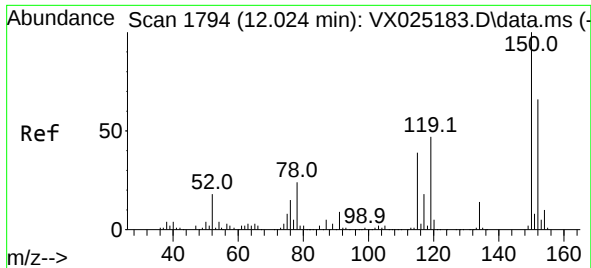
Tgt Ion: 95 Resp: 72274
Ion Ratio Lower Upper
95 100
174 82.6 0.0 158.0
176 80.3 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025509.D
Acq: 04 Dec 2021 02:26

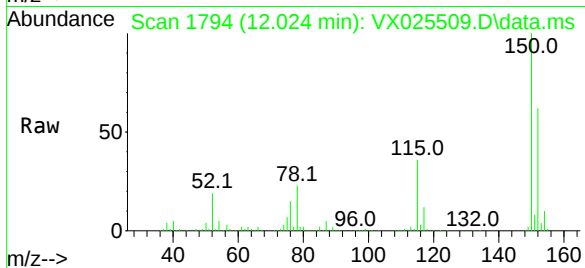
Tgt Ion: 117 Resp: 161785
Ion Ratio Lower Upper
117 100
82 51.8 44.6 67.0
119 31.4 24.8 37.2



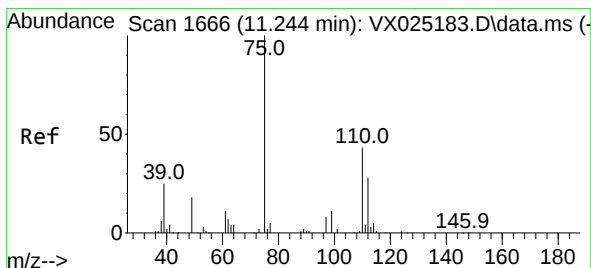
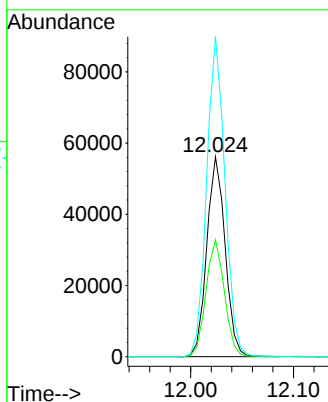
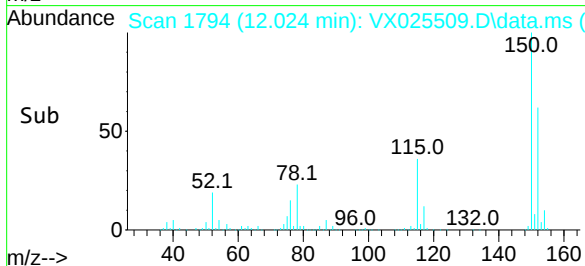


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025509.D
 Acq: 04 Dec 2021 02:26

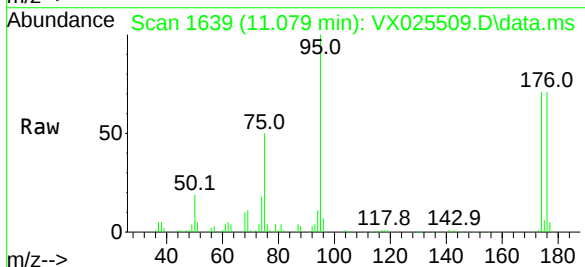
Instrument :
 MSVOA_X
 ClientSampleId :



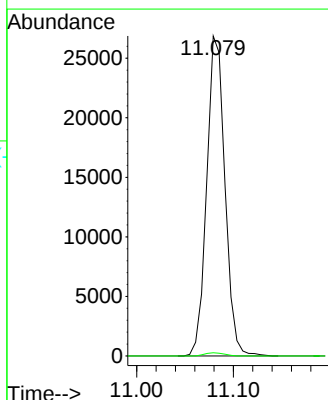
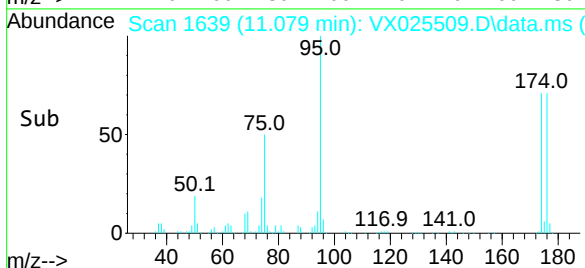
Tgt Ion:152 Resp: 69738
 Ion Ratio Lower Upper
 152 100
 115 58.7 43.3 129.8
 150 159.6 0.0 351.2

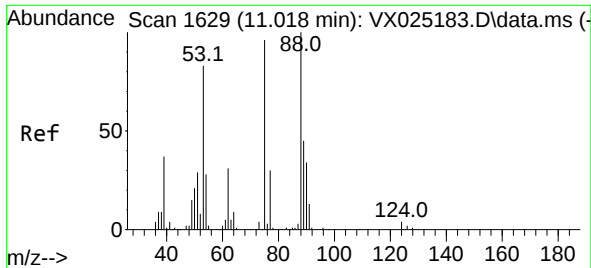


#76
 1,2,3-Trichloropropane
 Concen: 24.592 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX025509.D
 Acq: 04 Dec 2021 02:26



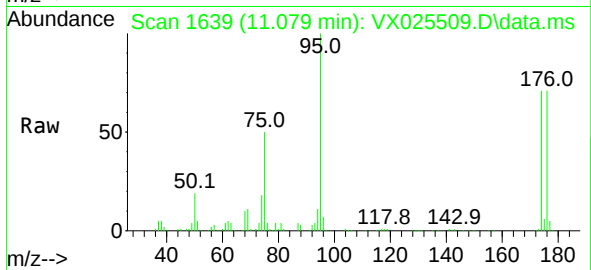
Tgt Ion: 75 Resp: 35119
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.950 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX025509.D
 Acq: 04 Dec 2021 02:26

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 35119
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.9 122.9#
 89 0.0 38.2 57.2#

