

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102921\
 Data File : VW020726.D
 Acq On : 29 Oct 2021 12:53
 Operator : SY/VA
 Sample : VW1029SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 30 07:19:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102821S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 05:37:46 2021
 Response via : Initial Calibration

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

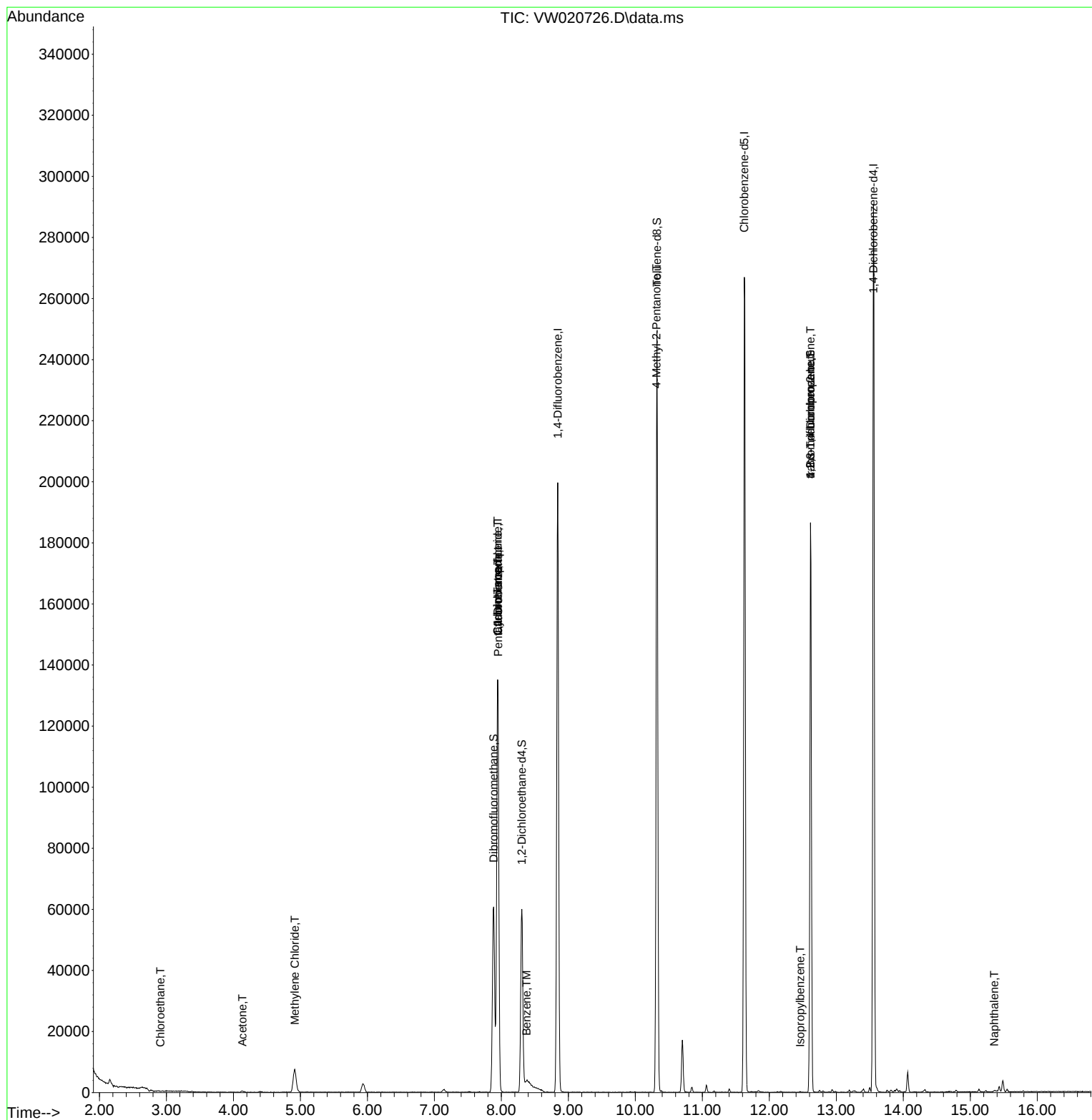
Internal Standards						
1) Pentafluorobenzene	7.951	168	102428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	161426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	145268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	76216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	49889	49.551	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.100%		
35) Dibromofluoromethane	7.884	113	44327	46.809	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.620%		
50) Toluene-d8	10.323	98	156677	44.088	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	88.180%		
62) 4-Bromofluorobenzene	12.615	95	57546	42.922	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	85.840%		
Target Compounds						Qvalue
6) Chloroethane	2.910	64	19	5.524	ug/l #	43
16) Acetone	4.135	43	895	17.222	ug/l #	84
20) Methylene Chloride	4.915	84	5706	2.387	ug/l	98
31) Cyclohexane	7.945	56	2155	1.277	ug/l #	1
36) 1,1-Dichloropropene	7.945	75	7677	5.331	ug/l #	50
38) Carbon Tetrachloride	7.945	117	10061	7.586	ug/l #	16
40) Benzene	8.378	78	12150	2.940	ug/l	93
51) 4-Methyl-2-Pentanone	10.317	43	702	1.140	ug/l #	1
73) Isopropylbenzene	12.463	105	209	3.239	ug/l #	68
76) 1,2,3-Trichloropropane	12.615	75	30433	46.577	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	30433	98.914	ug/l #	8
95) Naphthalene	15.359	128	685	4.693	ug/l #	76

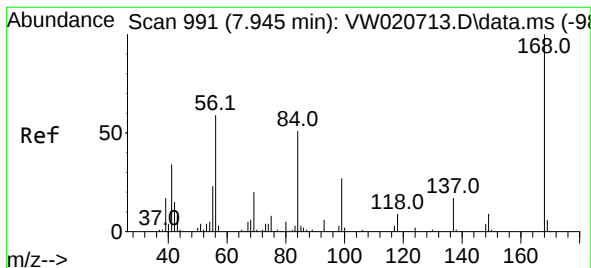
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102921\
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Quant Time: Oct 30 07:19:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102821S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 29 05:37:46 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.951 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW020726.D

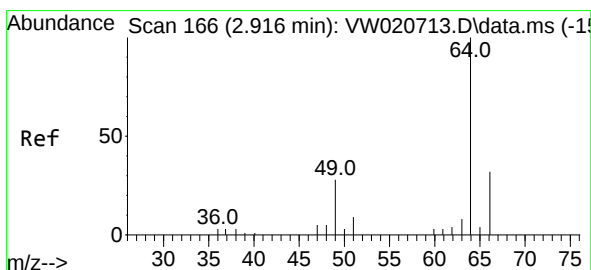
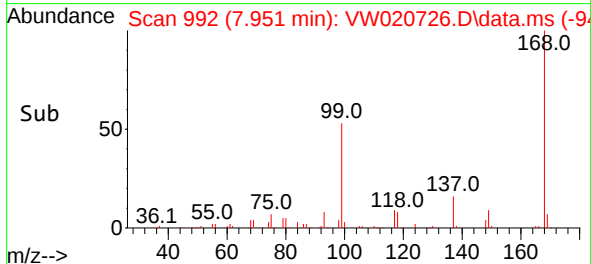
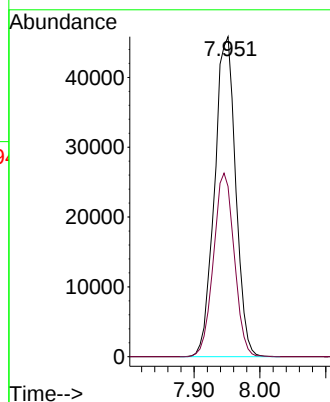
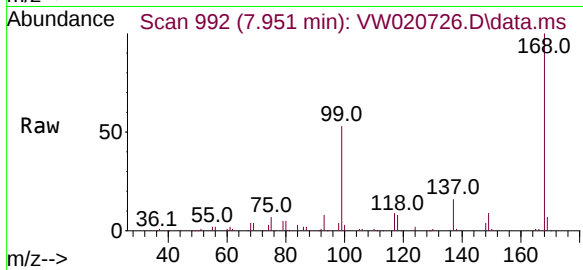
Acq: 29 Oct 2021 12:53

Tgt Ion:168 Resp: 102428

Ion Ratio Lower Upper

168 100

99 53.2 46.2 69.4



#6

Chloroethane

Concen: 5.524 ug/l

RT: 2.910 min Scan# 165

Delta R.T. -0.006 min

Lab File: VW020726.D

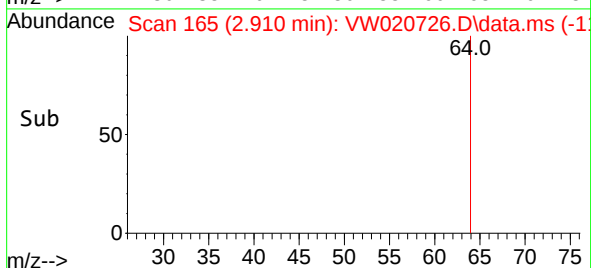
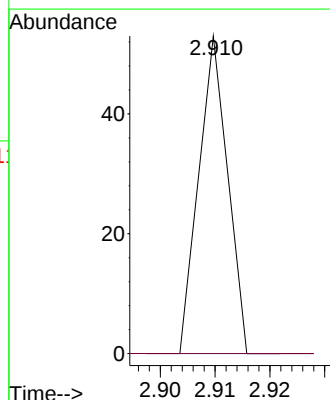
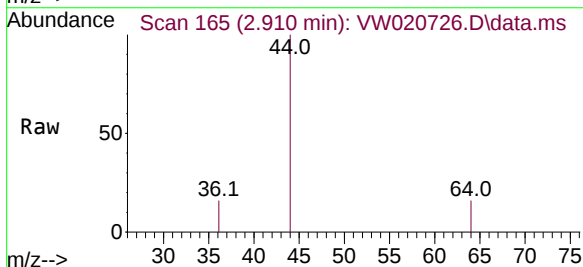
Acq: 29 Oct 2021 12:53

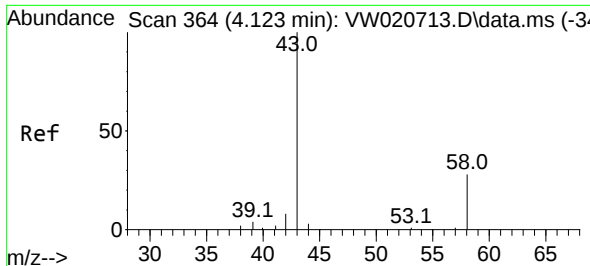
Tgt Ion: 64 Resp: 19

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#

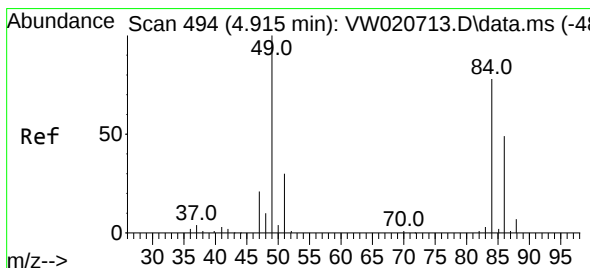
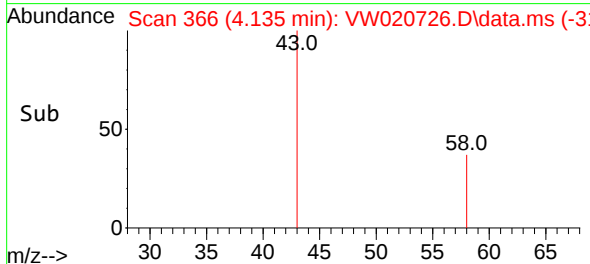
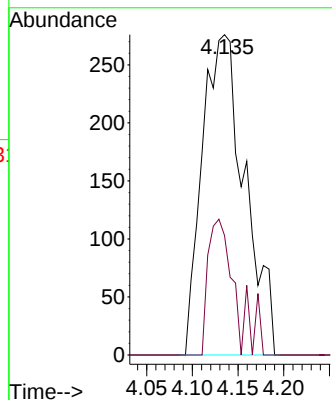
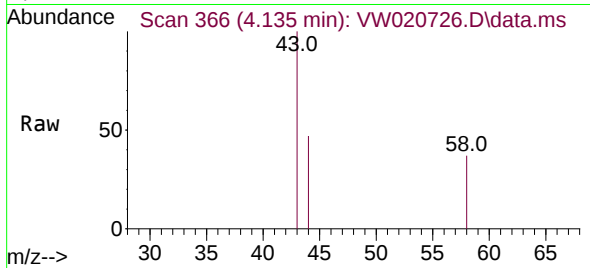




#16
Acetone
Concen: 17.222 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW020726.D
Acq: 29 Oct 2021 12:53

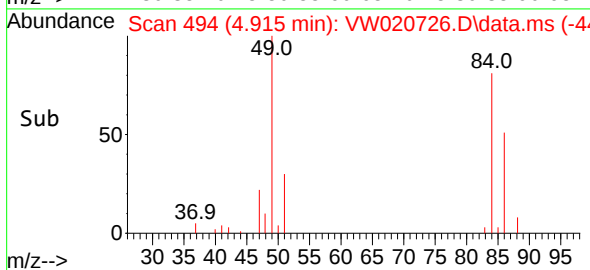
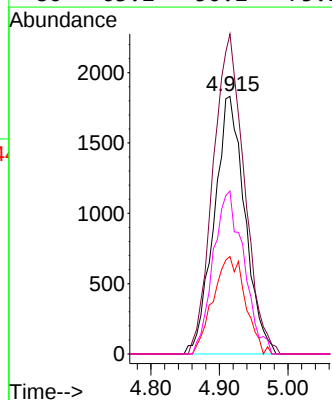
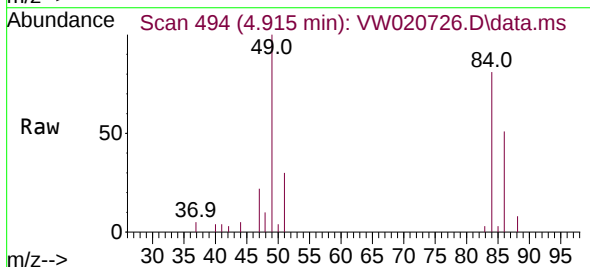
Instrument :
MSVOA_W
ClientSampled :

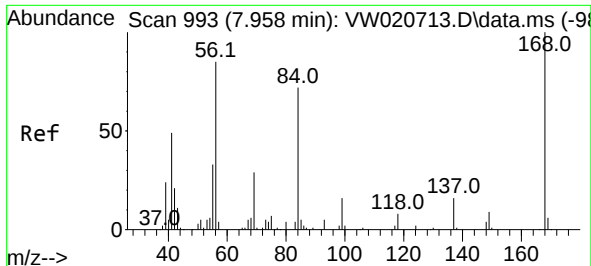
Tgt Ion: 43 Resp: 895
Ion Ratio Lower Upper
43 100
58 37.3 23.2 34.8#



#20
Methylene Chloride
Concen: 2.387 ug/l
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020726.D
Acq: 29 Oct 2021 12:53

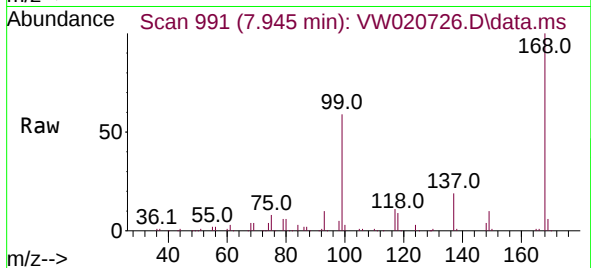
Tgt Ion: 84 Resp: 5706
Ion Ratio Lower Upper
84 100
49 124.2 102.0 153.0
51 37.8 30.6 45.8
86 63.2 50.2 75.2



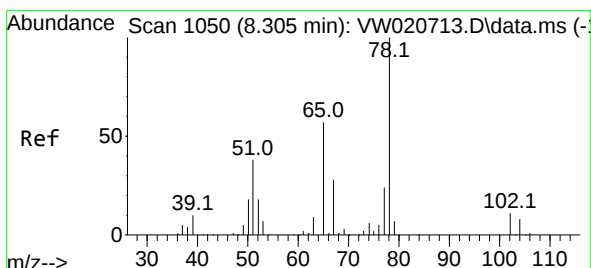
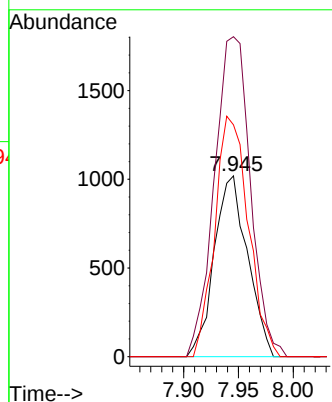
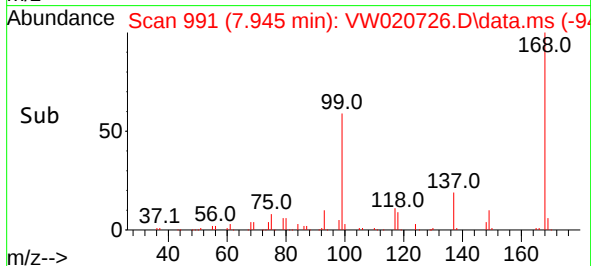


#31
Cyclohexane
Concen: 1.277 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW020726.D
Acq: 29 Oct 2021 12:53

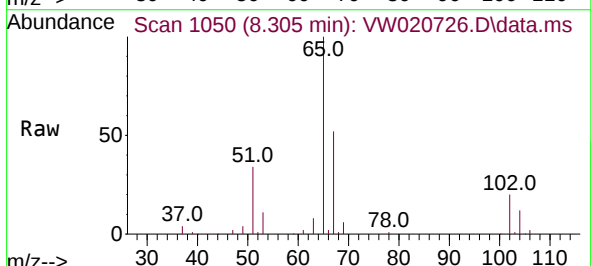
Instrument :
MSVOA_W
ClientSampleId :



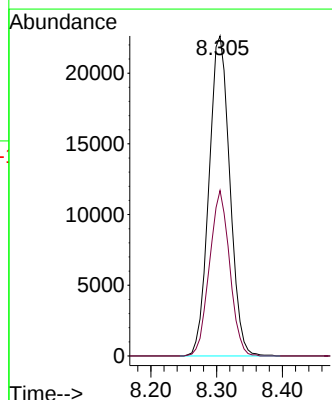
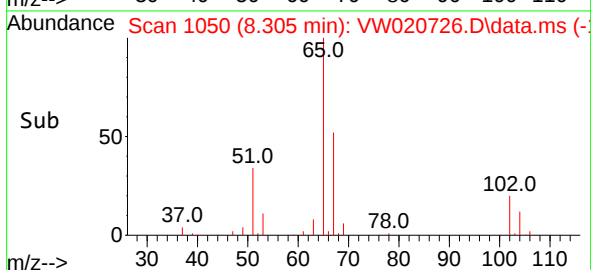
Tgt Ion: 56 Resp: 2155
Ion Ratio Lower Upper
56 100
69 177.0 26.9 40.3#
84 128.3 68.1 102.1#

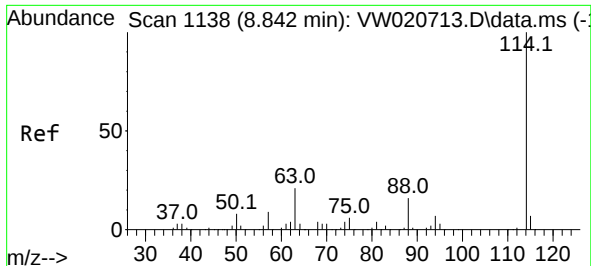


#33
1,2-Dichloroethane-d4
Concen: 49.551 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020726.D
Acq: 29 Oct 2021 12:53



Tgt Ion: 65 Resp: 49889
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.8

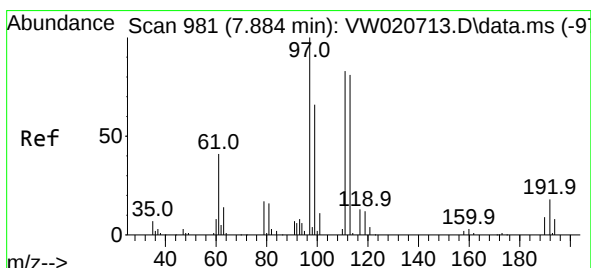
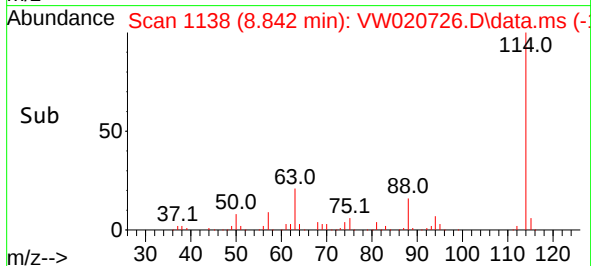
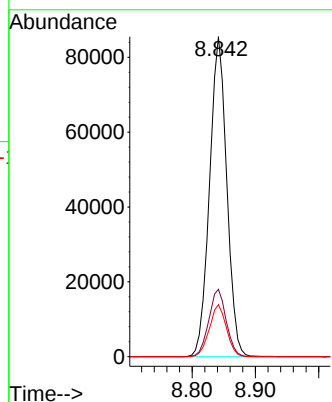
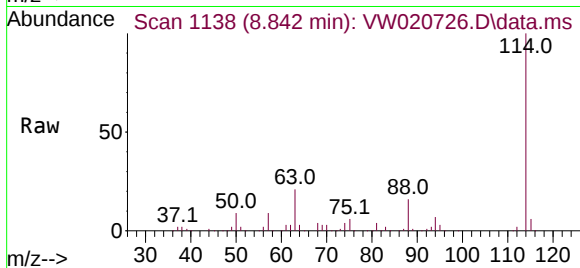




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW020726.D
Acq: 29 Oct 2021 12:53

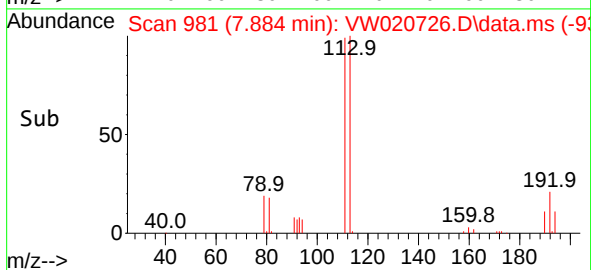
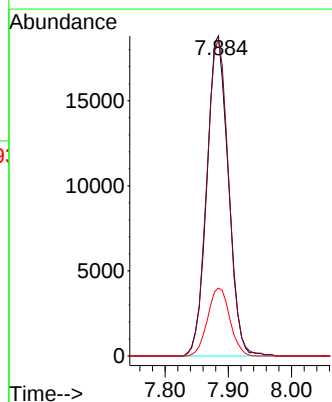
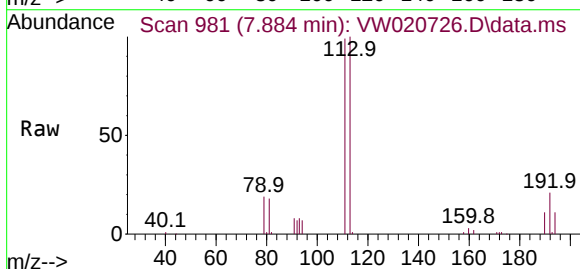
Instrument :
MSVOA_W
ClientSampled :

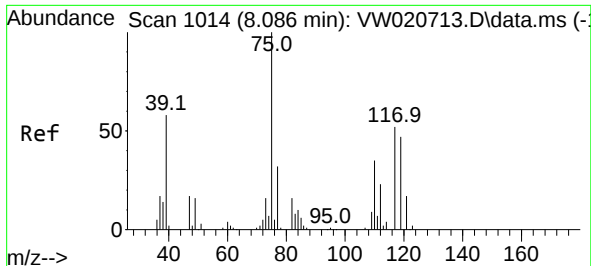
Tgt Ion:114 Resp: 161426
Ion Ratio Lower Upper
114 100
63 21.1 0.0 41.4
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.809 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW020726.D
Acq: 29 Oct 2021 12:53

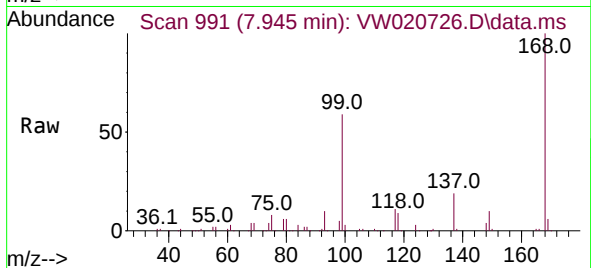
Tgt Ion:113 Resp: 44327
Ion Ratio Lower Upper
113 100
111 100.9 82.3 123.5
192 21.9 17.7 26.5



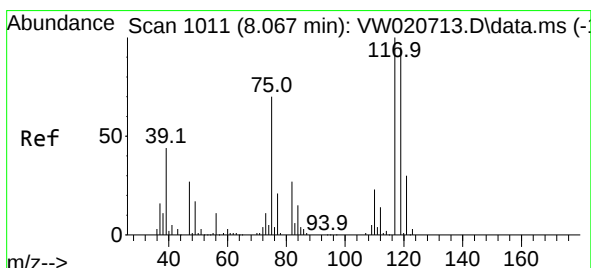
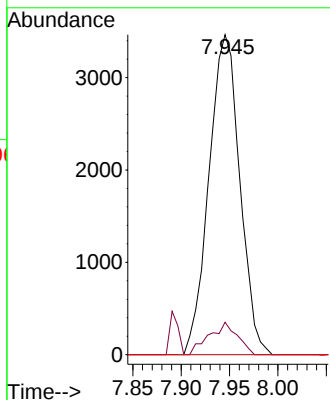
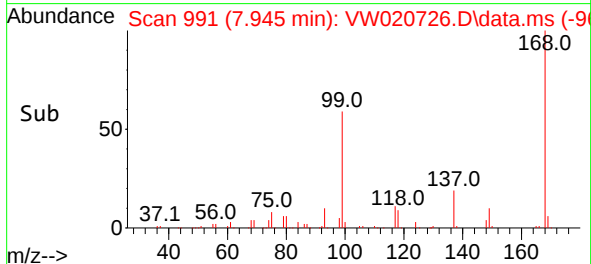


#36
1,1-Dichloropropene
Concen: 5.331 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.140 min
Lab File: VW020726.D
Acq: 29 Oct 2021 12:53

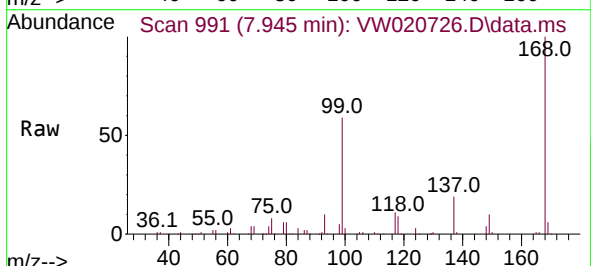
Instrument :
MSVOA_W
ClientSampled :



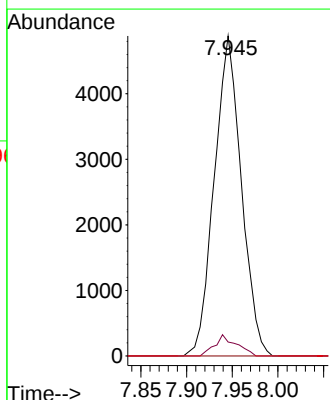
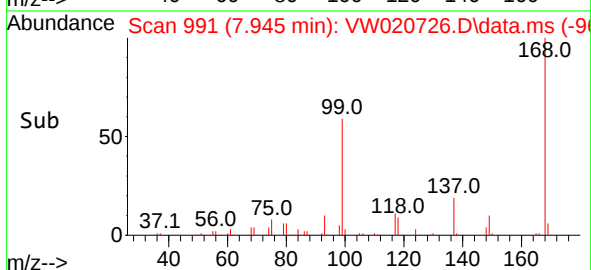
Tgt Ion: 75 Resp: 7677
Ion Ratio Lower Upper
75 100
110 9.3 17.3 52.0#
77 0.0 24.8 37.2#

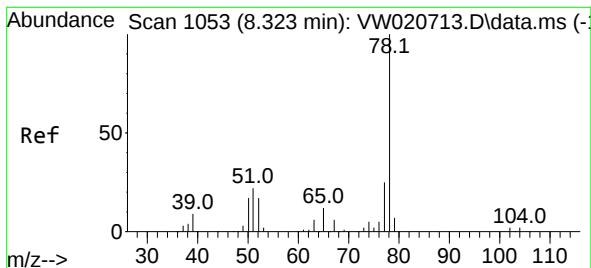


#38
Carbon Tetrachloride
Concen: 7.586 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.122 min
Lab File: VW020726.D
Acq: 29 Oct 2021 12:53



Tgt Ion: 117 Resp: 10061
Ion Ratio Lower Upper
117 100
119 4.4 76.1 114.1#
121 0.0 24.2 36.4#





#40

Benzene

Concen: 2.940 ug/l

RT: 8.378 min Scan# 1062

Delta R.T. 0.055 min

Lab File: VW020726.D

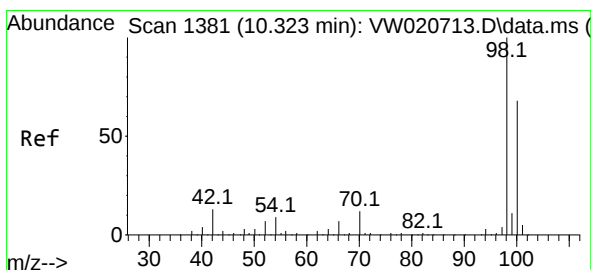
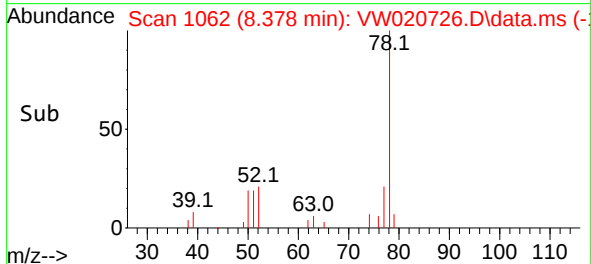
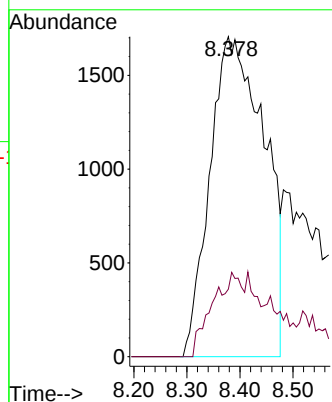
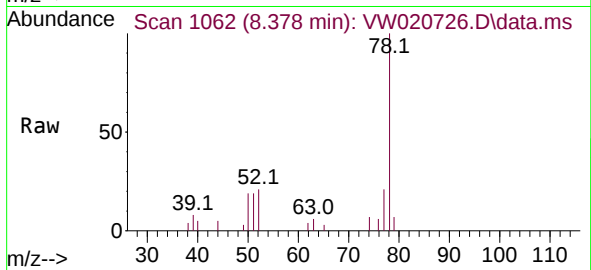
Acq: 29 Oct 2021 12:53

Tgt Ion: 78 Resp: 12150

Ion Ratio Lower Upper

78 100

77 21.1 19.6 29.4



#50

Toluene-d8

Concen: 44.088 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VW020726.D

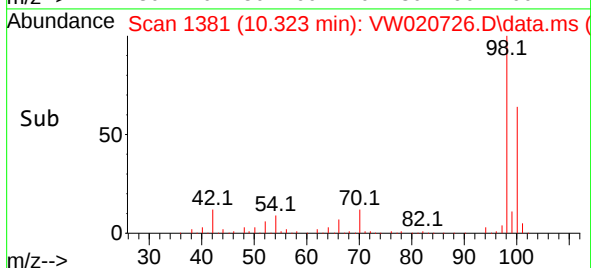
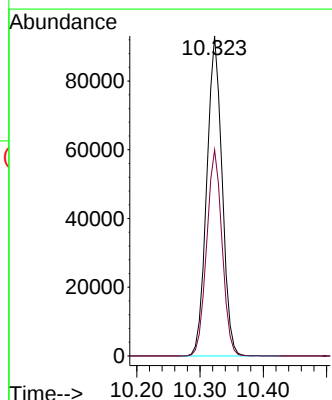
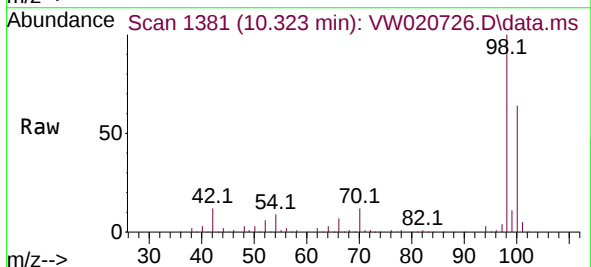
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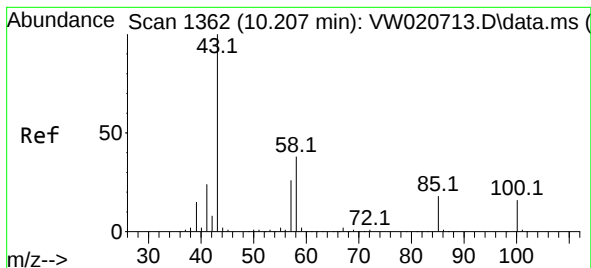
Tgt Ion: 98 Resp: 156677

Ion Ratio Lower Upper

98 100

100 64.7 53.0 79.4

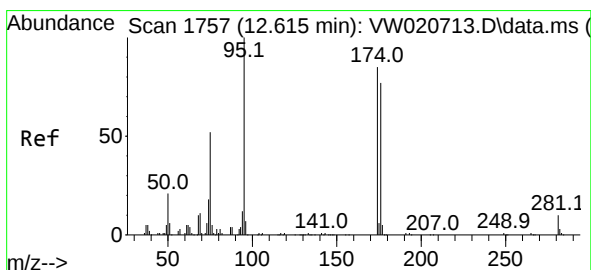
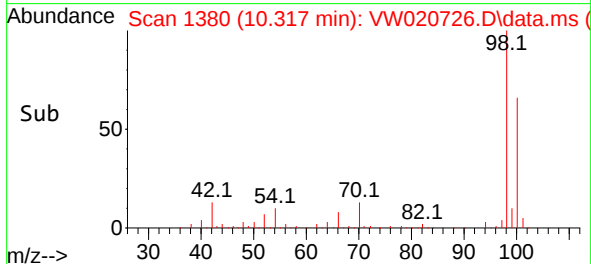
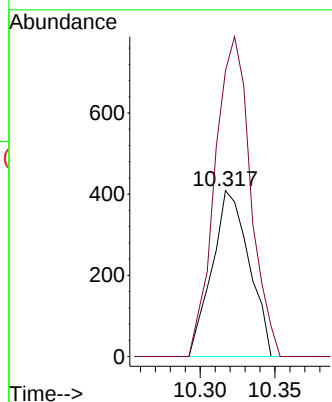
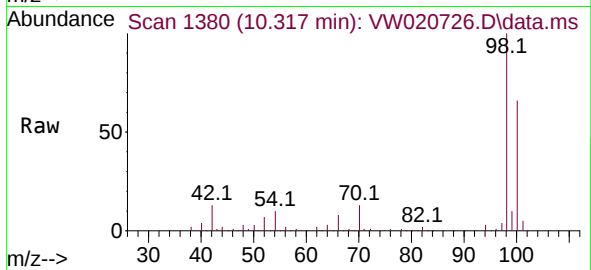




#51
4-Methyl-2-Pentanone
Concen: 1.140 ug/l
RT: 10.317 min Scan# 1380
Delta R.T. 0.110 min
Lab File: VW020726.D
Acq: 29 Oct 2021 12:53

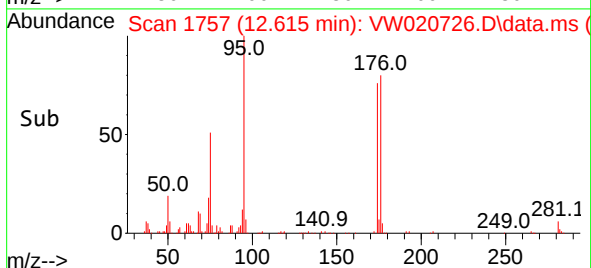
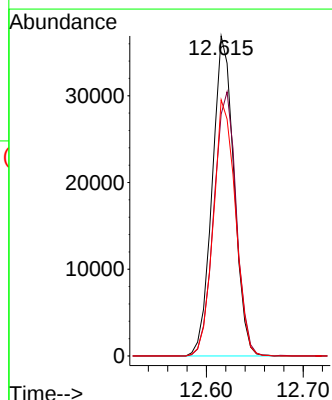
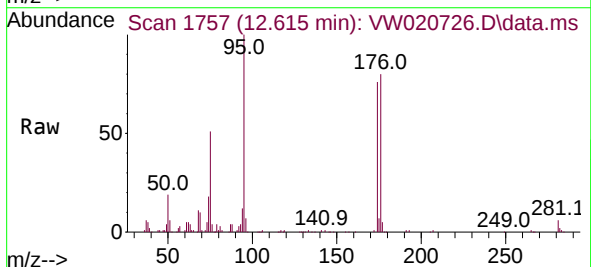
Instrument :
MSVOA_W
ClientSampled :

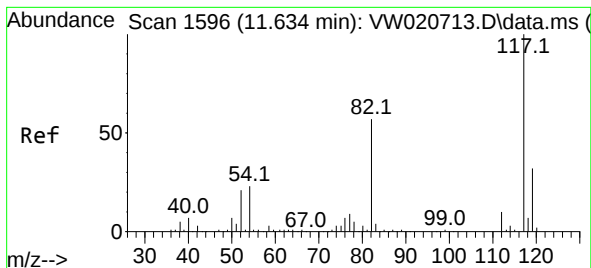
Tgt Ion: 43 Resp: 702
Ion Ratio Lower Upper
43 100
58 186.2 31.0 46.4#



#62
4-Bromofluorobenzene
Concen: 42.922 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020726.D
Acq: 29 Oct 2021 12:53

Tgt Ion: 95 Resp: 57546
Ion Ratio Lower Upper
95 100
174 85.0 0.0 171.0
176 81.2 0.0 165.0

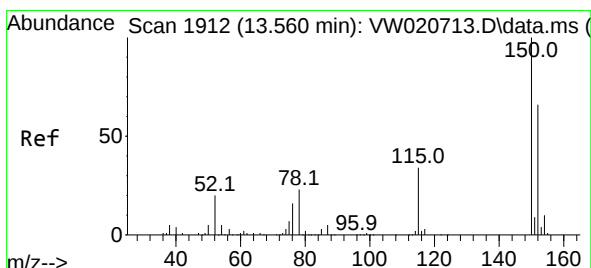
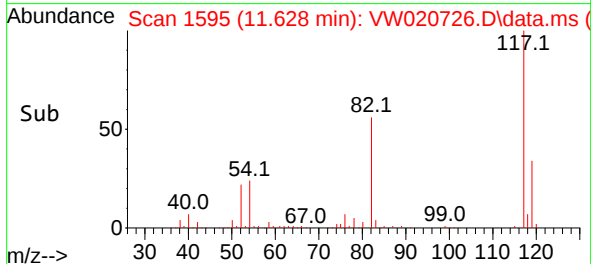
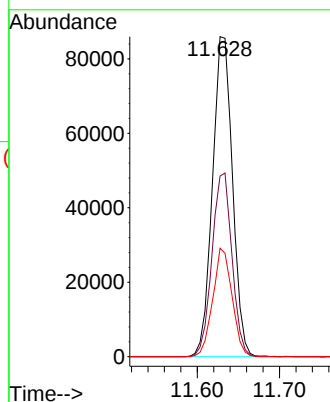
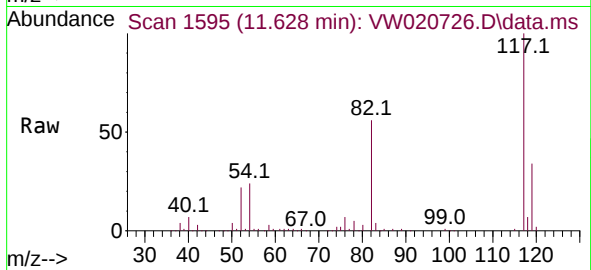




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VW020726.D
Acq: 29 Oct 2021 12:53

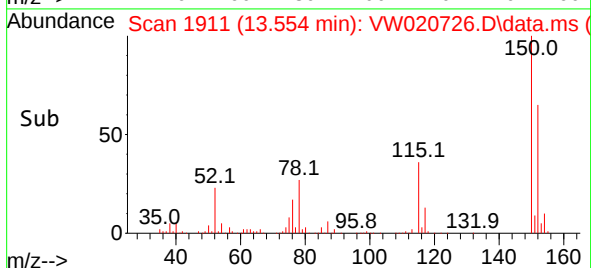
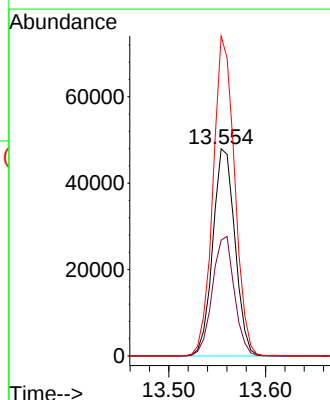
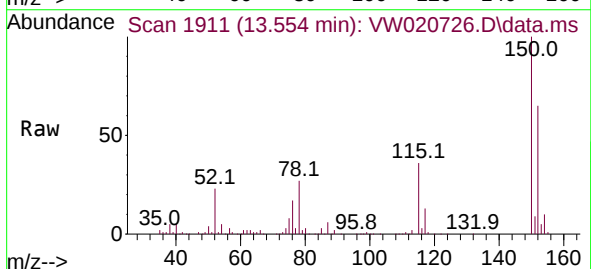
Instrument :
MSVOA_W
ClientSampleId :

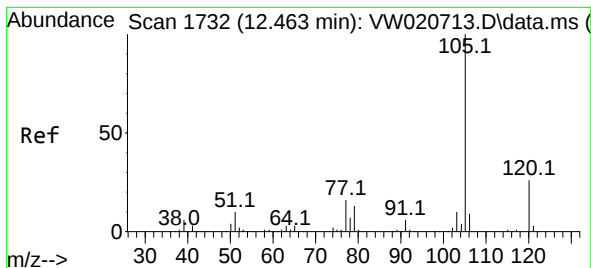
Tgt Ion:117 Resp: 145268
Ion Ratio Lower Upper
117 100
82 56.5 45.7 68.5
119 33.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW020726.D
Acq: 29 Oct 2021 12:53

Tgt Ion:152 Resp: 76216
Ion Ratio Lower Upper
152 100
115 57.4 28.7 86.3
150 150.8 0.0 342.2

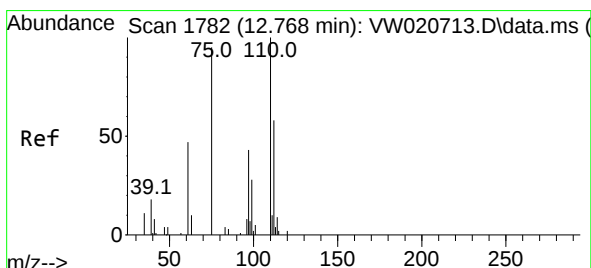
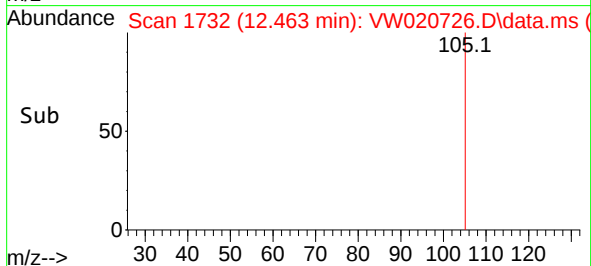
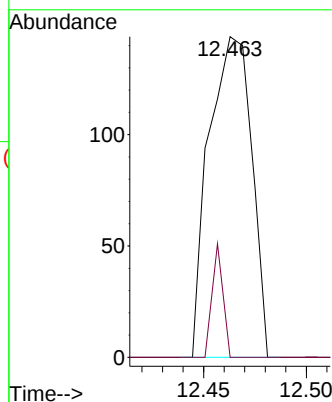
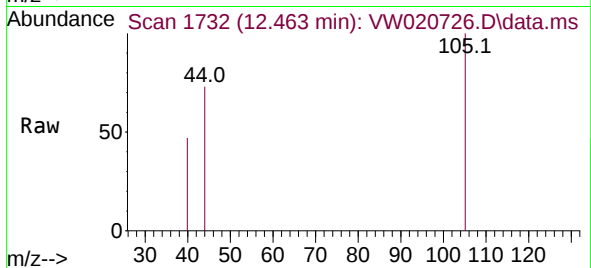




#73
Isopropylbenzene
Concen: 3.239 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020726.D
Acq: 29 Oct 2021 12:53

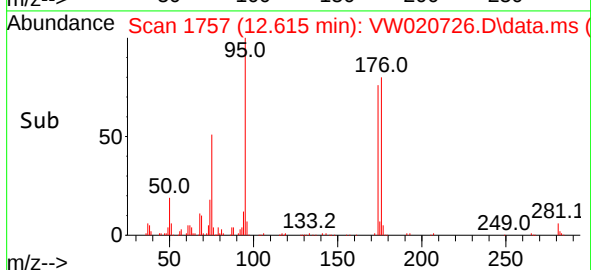
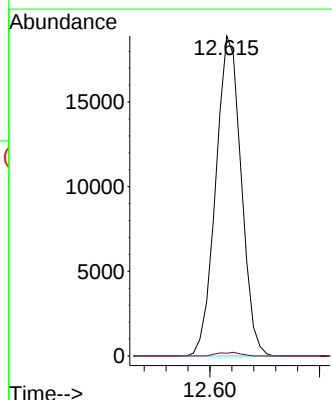
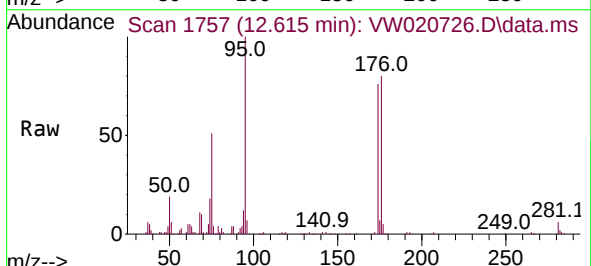
Instrument :
MSVOA_W
ClientSampled :

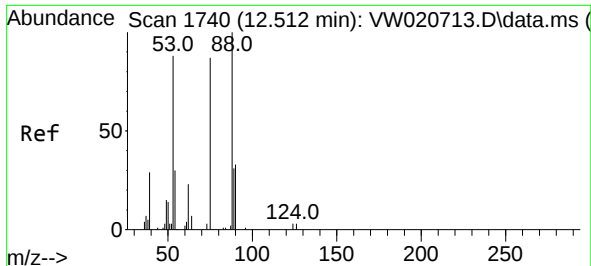
Tgt Ion:105 Resp: 209
Ion Ratio Lower Upper
105 100
120 9.1 12.8 38.3#



#76
1,2,3-Trichloropropane
Concen: 46.577 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.152 min
Lab File: VW020726.D
Acq: 29 Oct 2021 12:53

Tgt Ion: 75 Resp: 30433
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

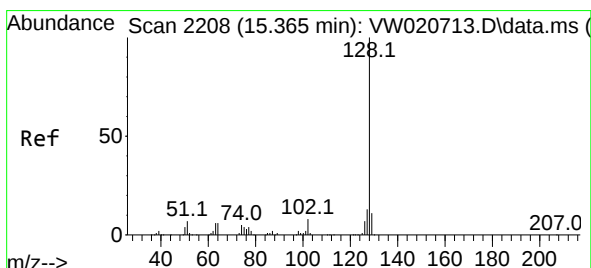
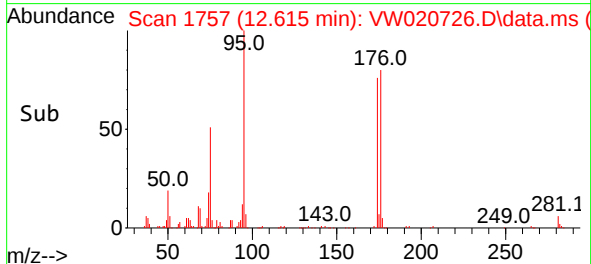
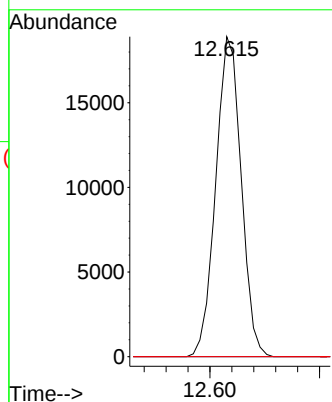
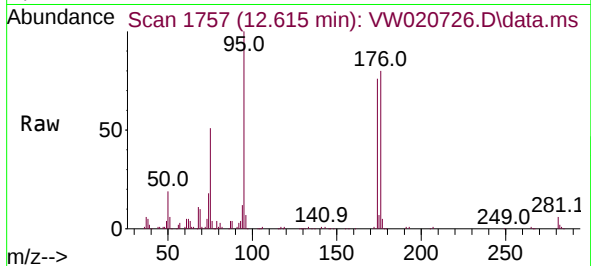




#81
trans-1,4-Dichloro-2-butene
Concen: 98.914 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.103 min
Lab File: VW020726.D
Acq: 29 Oct 2021 12:53

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 30433
Ion Ratio Lower Upper
75 100
53 0.0 83.1 124.7#
89 0.0 35.1 52.7#



#95
Naphthalene
Concen: 4.693 ug/l
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW020726.D
Acq: 29 Oct 2021 12:53

Tgt Ion:128 Resp: 685
Ion Ratio Lower Upper
128 100
127 3.1 10.6 16.0#
129 2.8 8.6 12.8#

