

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052021\
 Data File : VW019035.D
 Acq On : 19 May 2021 16:05
 Operator : SY/VA
 Sample : VW0520SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 20 03:34:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 09:25:10 2021
 Response via : Initial Calibration

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

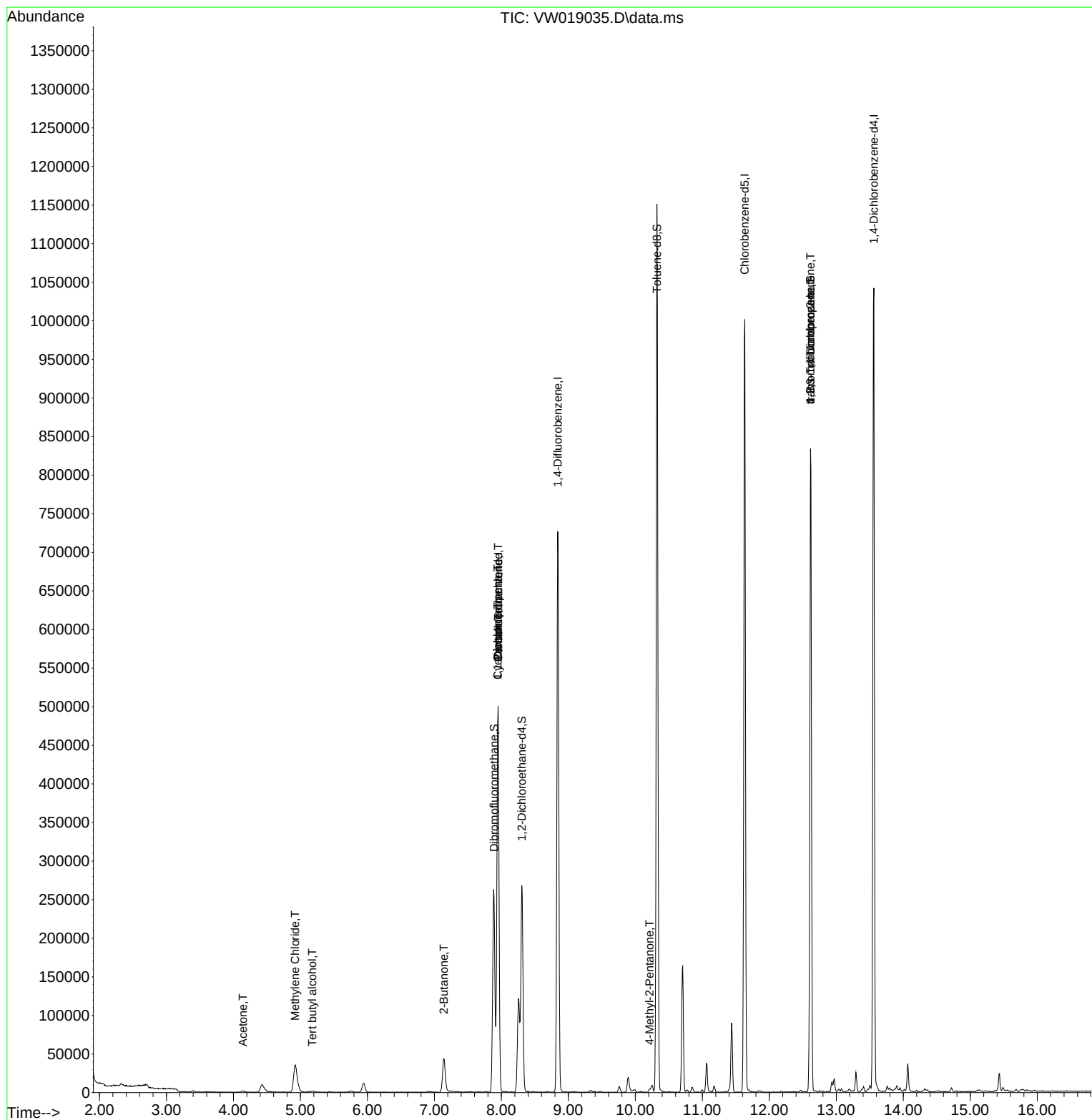
Internal Standards						
1) Pentafluorobenzene	7.951	168	368601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	603835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	551658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	266516	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	213000	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
35) Dibromofluoromethane	7.890	113	184801	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
50) Toluene-d8	10.323	98	741364	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.615	95	261053	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.178	59	1184	4.01	ug/l #	89
16) Acetone	4.141	43	3032	5.13	ug/l	93
20) Methylene Chloride	4.921	84	33476	2.77	ug/l	95
25) 2-Butanone	7.141	43	2720	2.80	ug/l #	60
31) Cyclohexane	7.945	56	8975	1.43	ug/l #	2
36) 1,1-Dichloropropene	7.945	75	31855	5.30	ug/l #	50
38) Carbon Tetrachloride	7.951	117	36771	6.94	ug/l #	15
51) 4-Methyl-2-Pentanone	10.213	43	3930	1.75	ug/l	89
76) 1,2,3-Trichloropropane	12.615	75	137355	54.58	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	137355	133.03	ug/l #	9

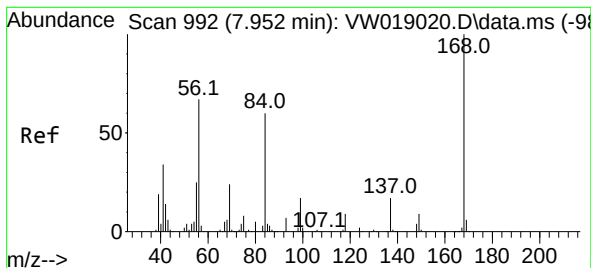
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052021\
Data File : VW019035.D
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Quant Time: May 20 03:34:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
Quant Title : SW846 8260
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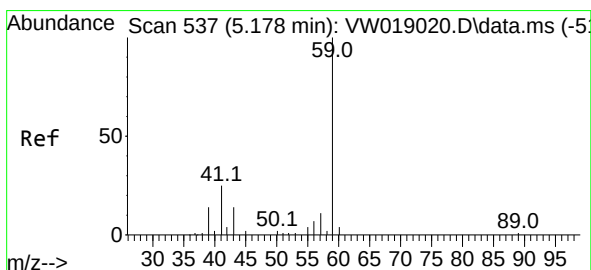
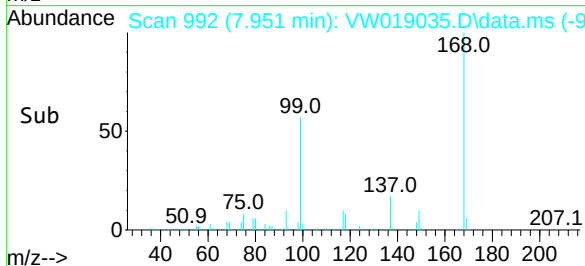
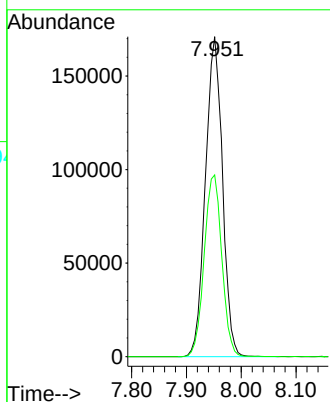
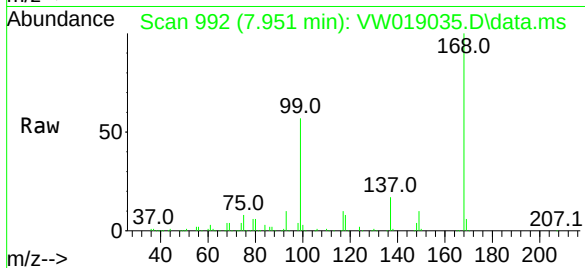




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.001 min
Lab File: VW019035.D
Acq: 19 May 2021 16:05

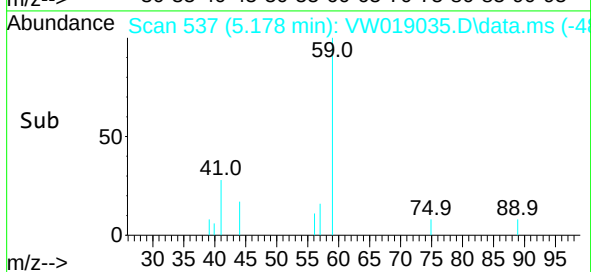
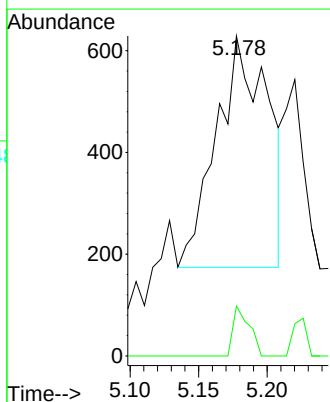
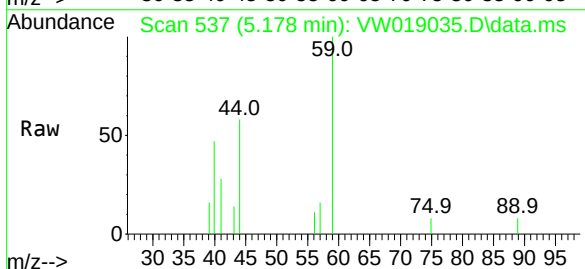
Instrument :
MSVOA_W
ClientSampleId :

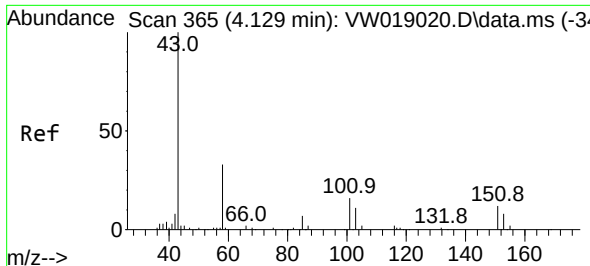
Tgt Ion:168 Resp: 368601
Ion Ratio Lower Upper
168 100
99 56.8 48.8 73.2



#11
Tert butyl alcohol
Concen: 4.01 ug/l
RT: 5.178 min Scan# 537
Delta R.T. -0.000 min
Lab File: VW019035.D
Acq: 19 May 2021 16:05

Tgt Ion: 59 Resp: 1184
Ion Ratio Lower Upper
59 100
57 6.8 8.9 13.3#

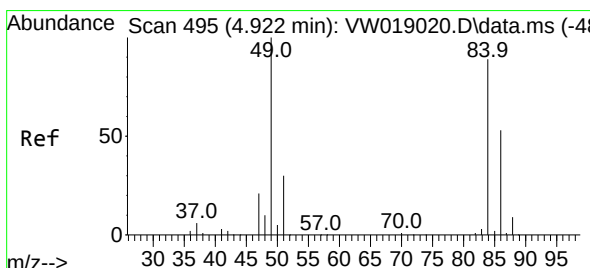
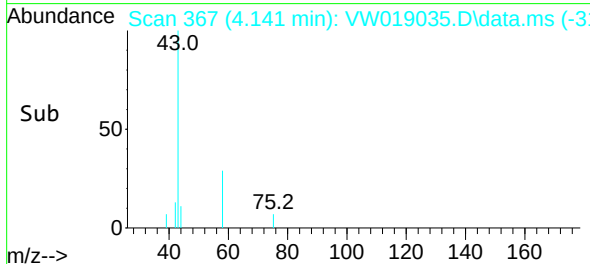
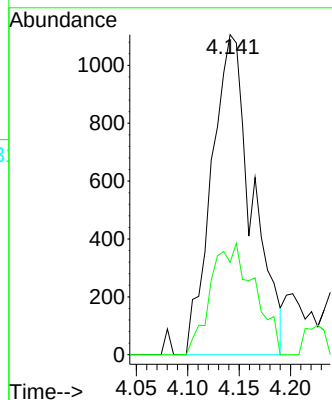
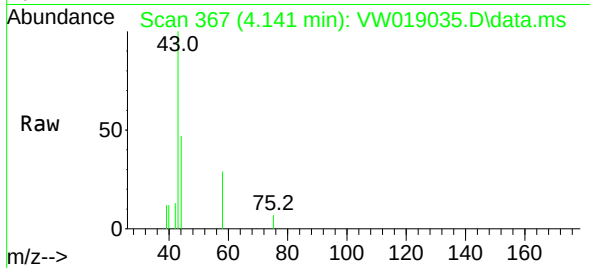




#16
Acetone
Concen: 5.13 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW019035.D
Acq: 19 May 2021 16:05

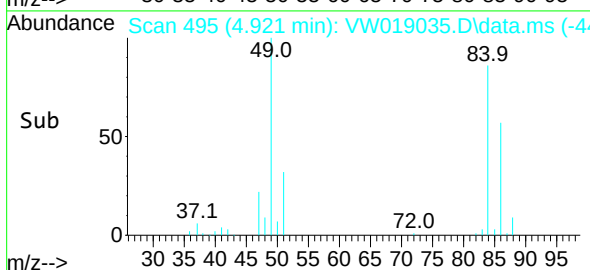
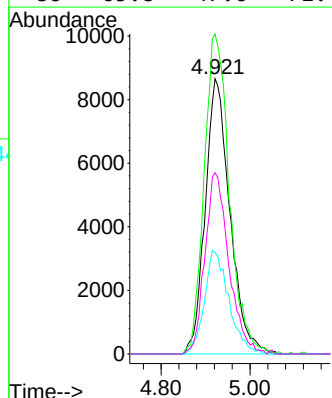
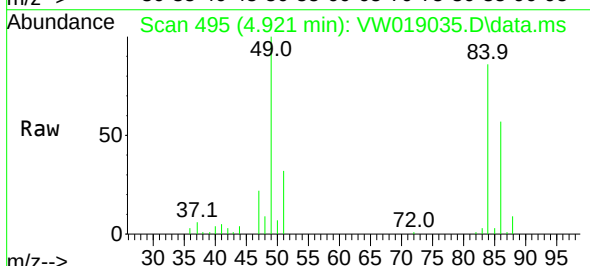
Instrument :
MSVOA_W
ClientSampled :

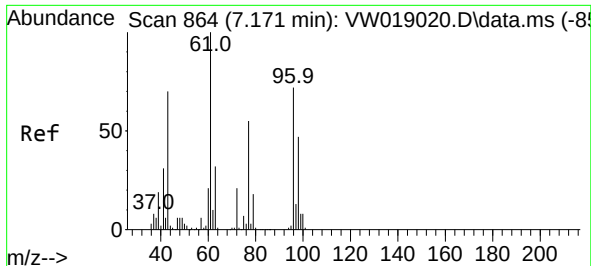
Tgt Ion: 43 Resp: 3032
Ion Ratio Lower Upper
43 100
58 28.8 26.4 39.6



#20
Methylene Chloride
Concen: 2.77 ug/l
RT: 4.921 min Scan# 495
Delta R.T. -0.001 min
Lab File: VW019035.D
Acq: 19 May 2021 16:05

Tgt Ion: 84 Resp: 33476
Ion Ratio Lower Upper
84 100
49 116.3 90.4 135.6
51 36.8 27.1 40.7
86 65.8 47.6 71.4

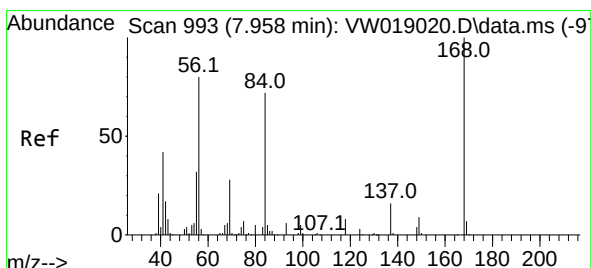
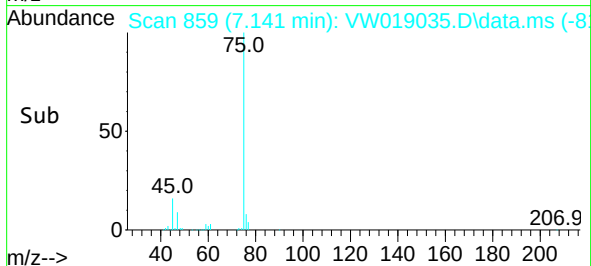
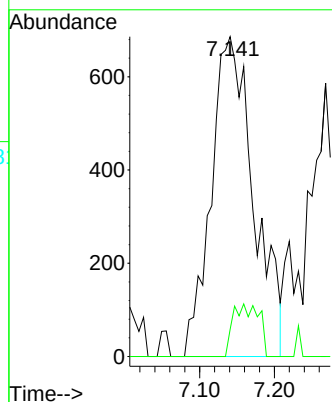
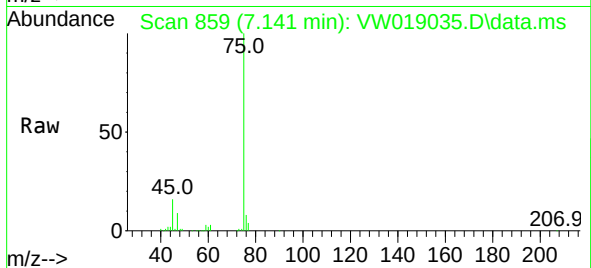




#25
2-Butanone
Concen: 2.80 ug/l
RT: 7.141 min Scan# 859
Delta R.T. -0.031 min
Lab File: VW019035.D
Acq: 19 May 2021 16:05

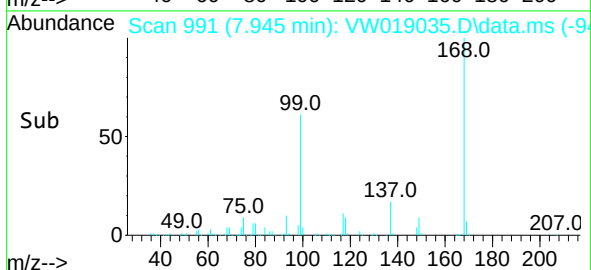
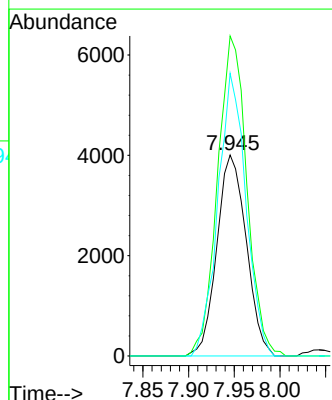
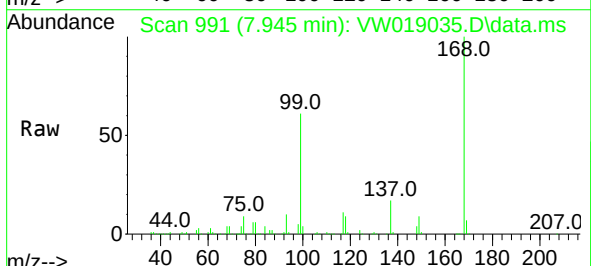
Instrument :
MSVOA_W
ClientSampled :

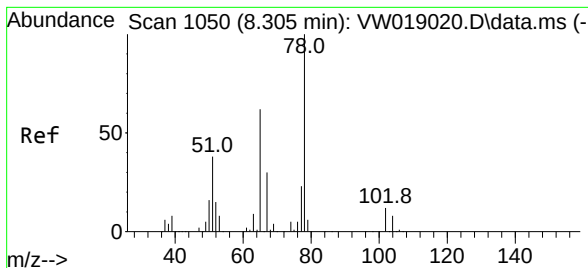
Tgt Ion: 43 Resp: 2720
Ion Ratio Lower Upper
43 100
72 8.5 24.0 36.0#



#31
Cyclohexane
Concen: 1.43 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW019035.D
Acq: 19 May 2021 16:05

Tgt Ion: 56 Resp: 8975
Ion Ratio Lower Upper
56 100
69 159.3 28.4 42.6#
84 140.6 72.3 108.5#

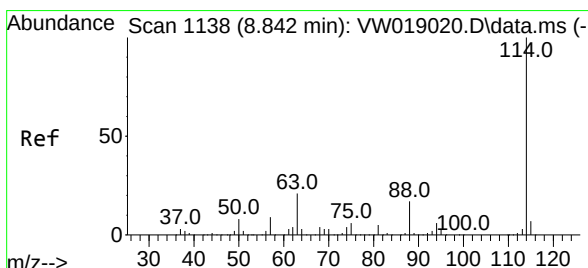
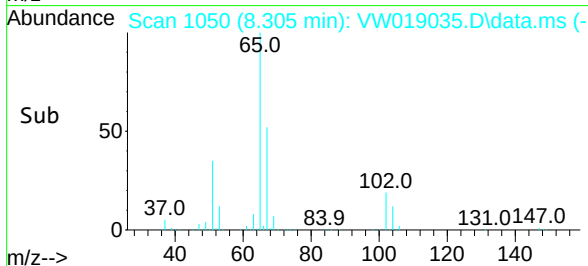
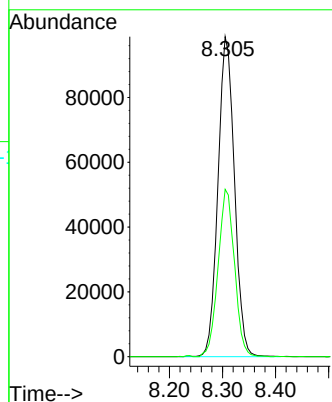
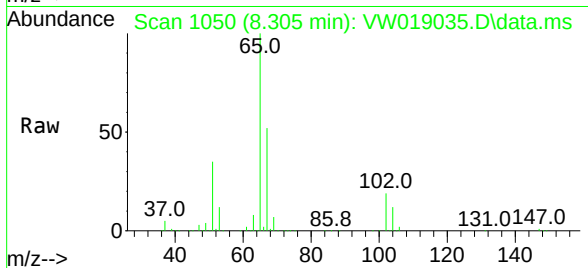




#33
1,2-Dichloroethane-d4
Concen: 51.95 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW019035.D
Acq: 19 May 2021 16:05

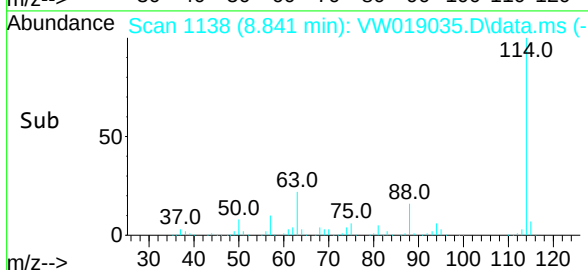
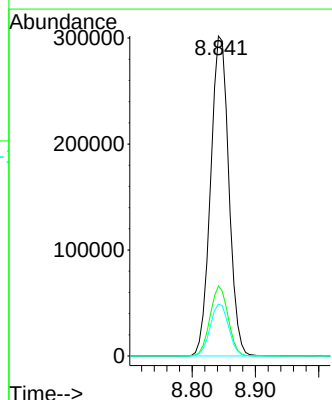
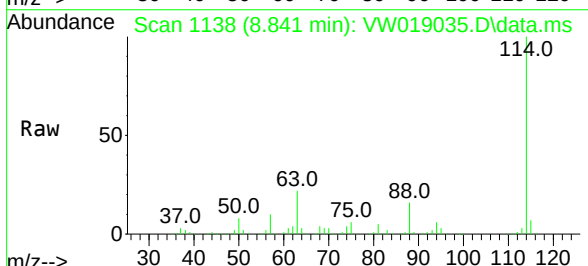
Instrument :
MSVOA_W
ClientSampleId :

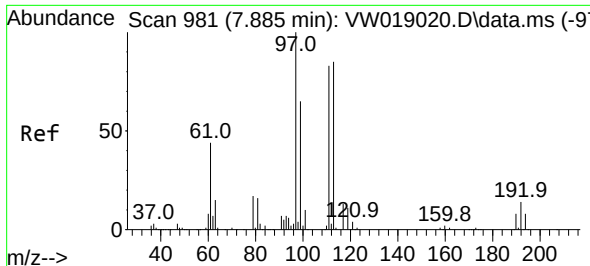
Tgt Ion: 65 Resp: 213000
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.841 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW019035.D
Acq: 19 May 2021 16:05

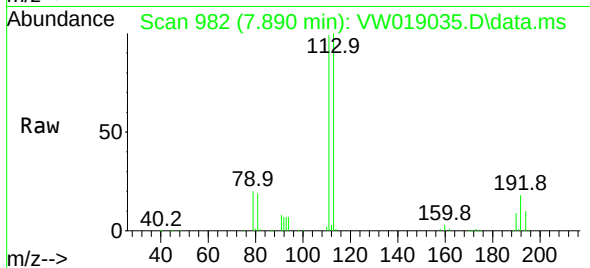
Tgt Ion: 114 Resp: 603835
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.4
88 16.2 0.0 33.2



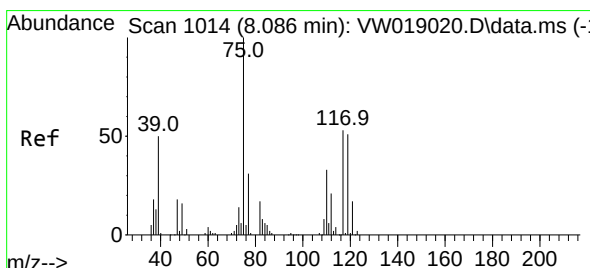
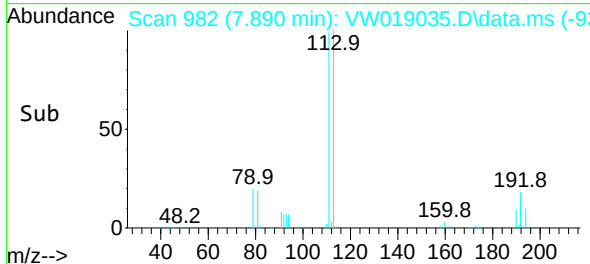
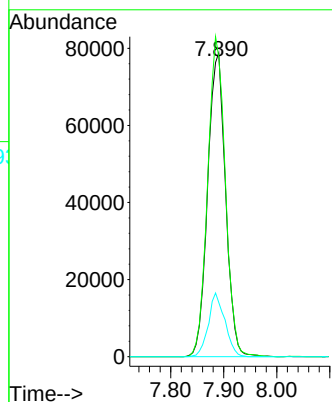


#35
Dibromofluoromethane
Concen: 49.30 ug/l
RT: 7.890 min Scan# 982
Delta R.T. 0.005 min
Lab File: VW019035.D
Acq: 19 May 2021 16:05

Instrument :
MSVOA_W
ClientSampled :

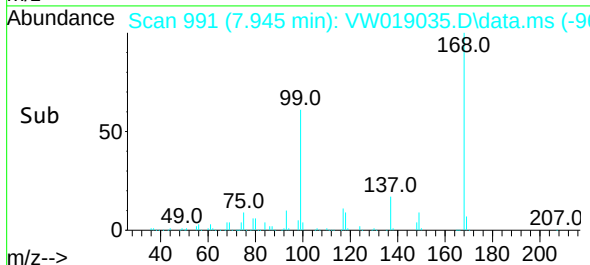
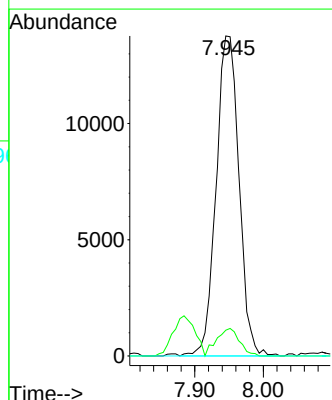
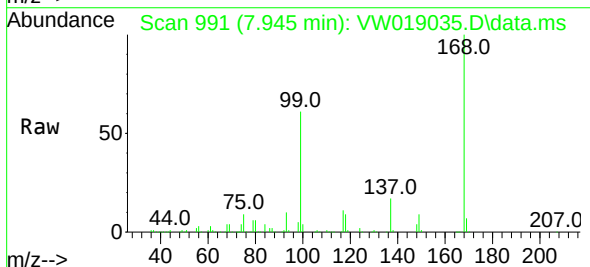


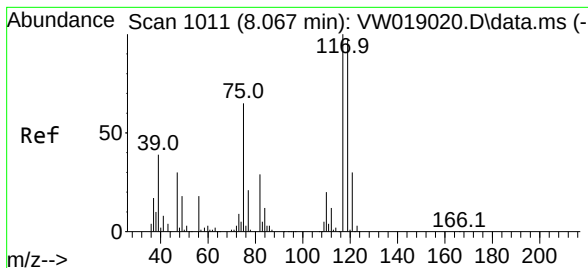
Tgt Ion:113 Resp: 184801
Ion Ratio Lower Upper
113 100
111 103.9 82.3 123.5
192 19.4 15.3 22.9



#36
1,1-Dichloropropene
Concen: 5.30 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.140 min
Lab File: VW019035.D
Acq: 19 May 2021 16:05

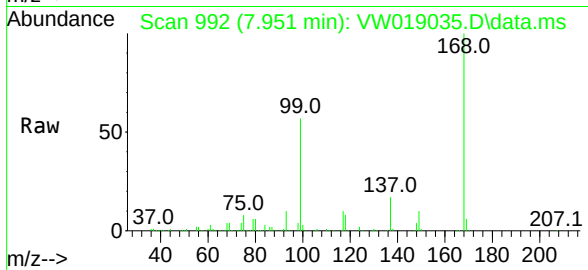
Tgt Ion: 75 Resp: 31855
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 25.3 37.9#



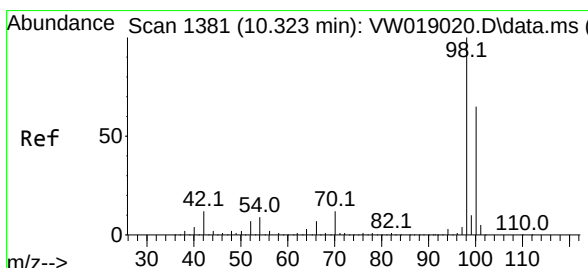
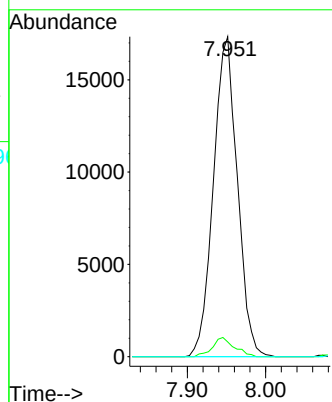
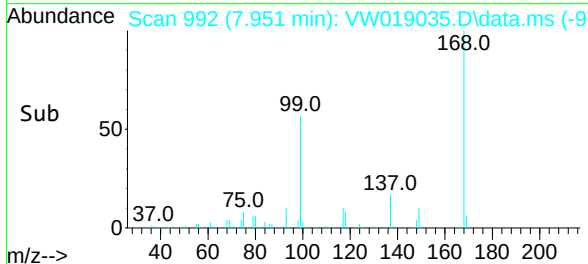


#38
Carbon Tetrachloride
Concen: 6.94 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.116 min
Lab File: VW019035.D
Acq: 19 May 2021 16:05

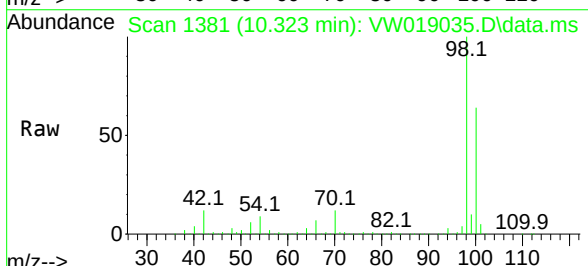
Instrument :
MSVOA_W
ClientSampleId :



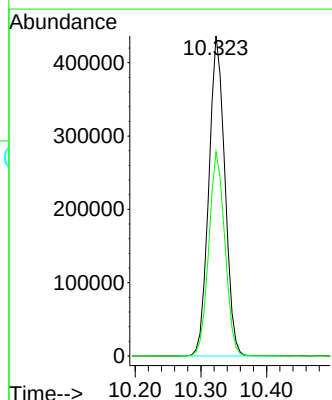
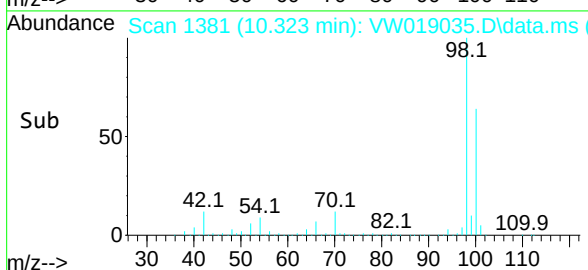
Tgt Ion: 117 Resp: 36771
Ion Ratio Lower Upper
117 100
119 4.6 77.4 116.0#
121 0.0 23.6 35.4#

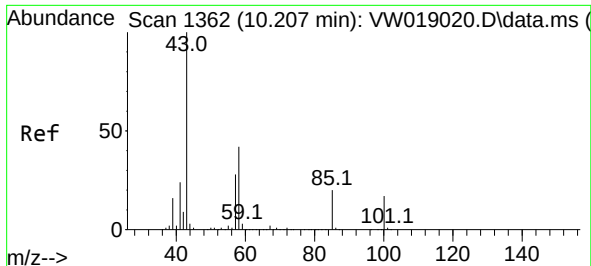


#50
Toluene-d8
Concen: 49.83 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW019035.D
Acq: 19 May 2021 16:05



Tgt Ion: 98 Resp: 741364
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

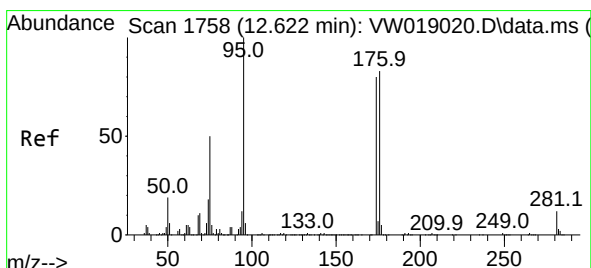
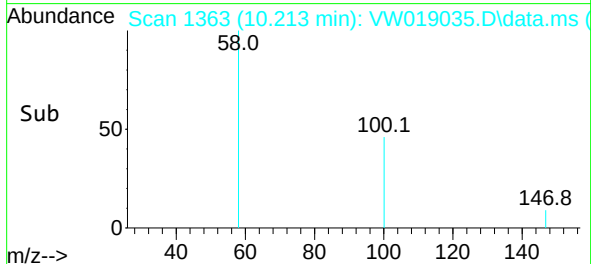
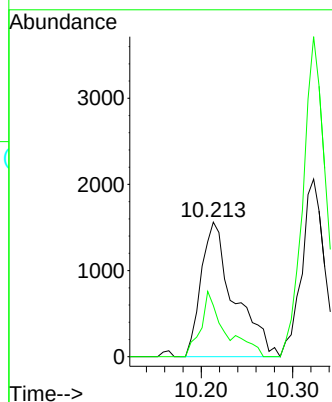
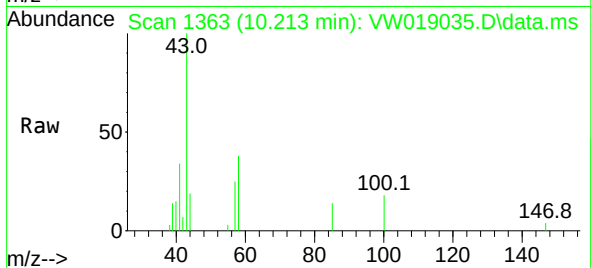




#51
4-Methyl-2-Pentanone
Concen: 1.75 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW019035.D
Acq: 19 May 2021 16:05

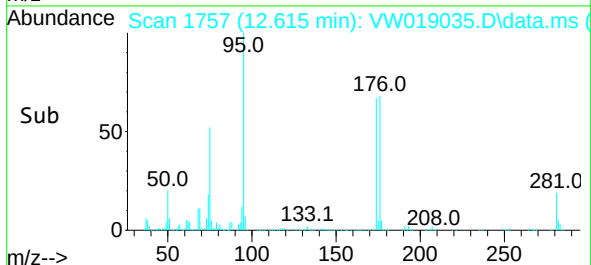
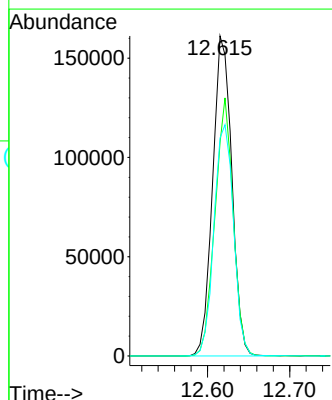
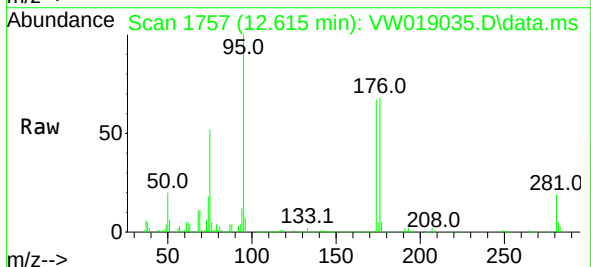
Instrument :
MSVOA_W
ClientSampled :

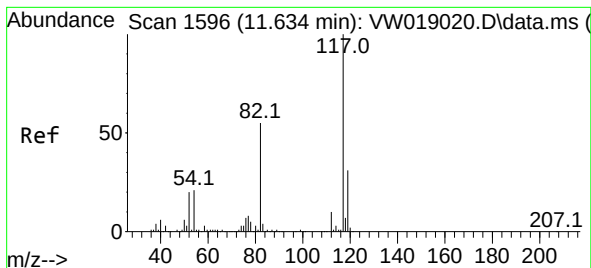
Tgt Ion: 43 Resp: 3930
Ion Ratio Lower Upper
43 100
58 35.8 34.2 51.4



#62
4-Bromofluorobenzene
Concen: 48.00 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.007 min
Lab File: VW019035.D
Acq: 19 May 2021 16:05

Tgt Ion: 95 Resp: 261053
Ion Ratio Lower Upper
95 100
174 76.7 0.0 156.2
176 73.9 0.0 160.8

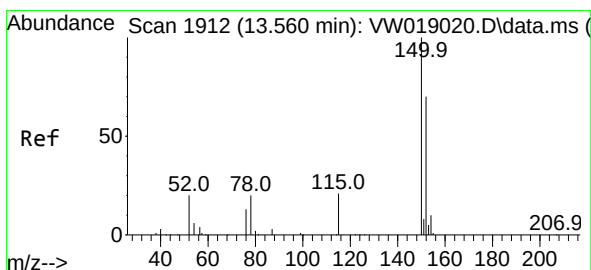
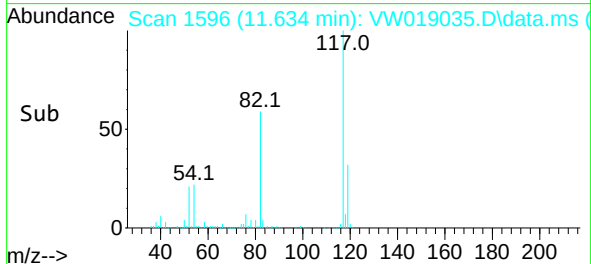
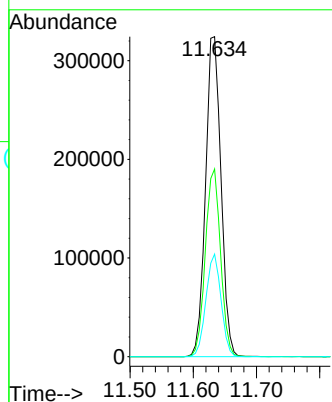
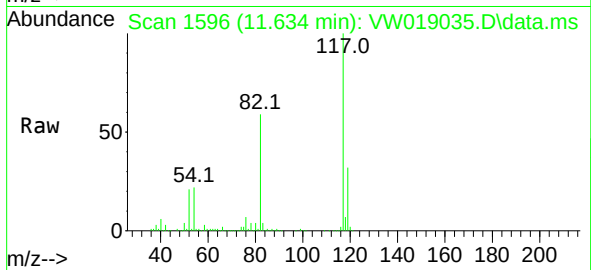




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019035.D
Acq: 19 May 2021 16:05

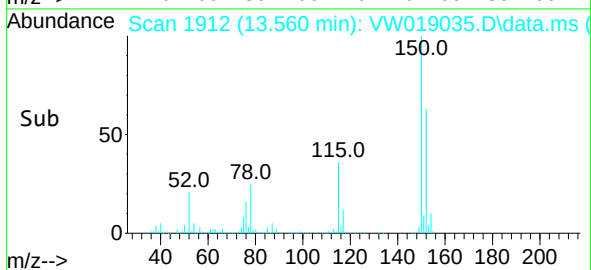
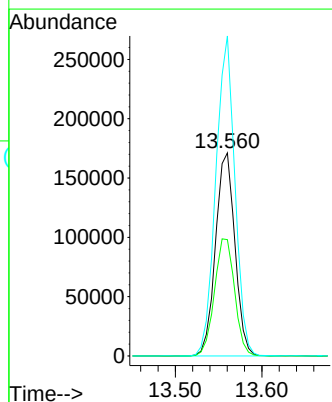
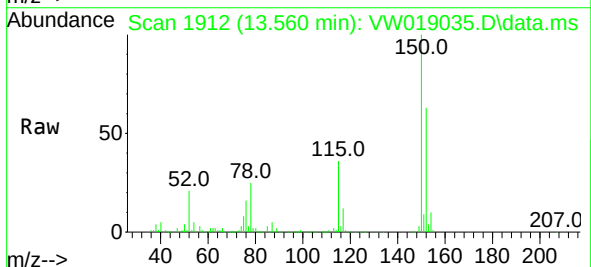
Instrument :
MSVOA_W
ClientSampleId :

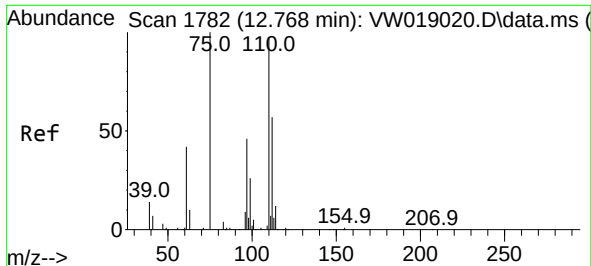
Tgt Ion:117 Resp: 551658
Ion Ratio Lower Upper
117 100
82 58.6 44.4 66.6
119 32.1 24.6 36.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VW019035.D
Acq: 19 May 2021 16:05

Tgt Ion:152 Resp: 266516
Ion Ratio Lower Upper
152 100
115 60.1 30.3 90.8
150 154.9 0.0 356.0

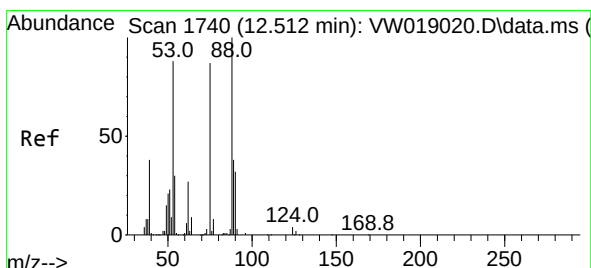
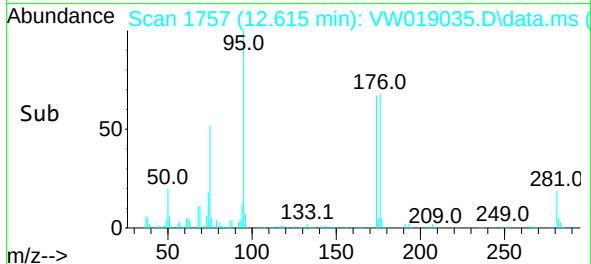
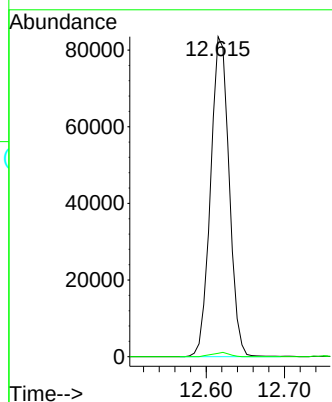
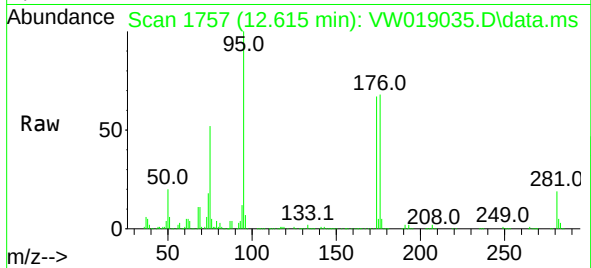




#76
1,2,3-Trichloropropane
Concen: 54.58 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW019035.D
Acq: 19 May 2021 16:05

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 137355
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 133.03 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.103 min
Lab File: VW019035.D
Acq: 19 May 2021 16:05

Tgt Ion: 75 Resp: 137355
Ion Ratio Lower Upper
75 100
53 0.0 81.5 122.3#
89 0.3 36.3 54.5#

