

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121520\
 Data File : VW017641.D
 Acq On : 15 Dec 2020 18:16
 Operator : SY/VA
 Sample : L5093-01
 Misc : 6.91G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 16 02:41:26 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 14 12:39:23 2020
 Response via : Initial Calibration

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

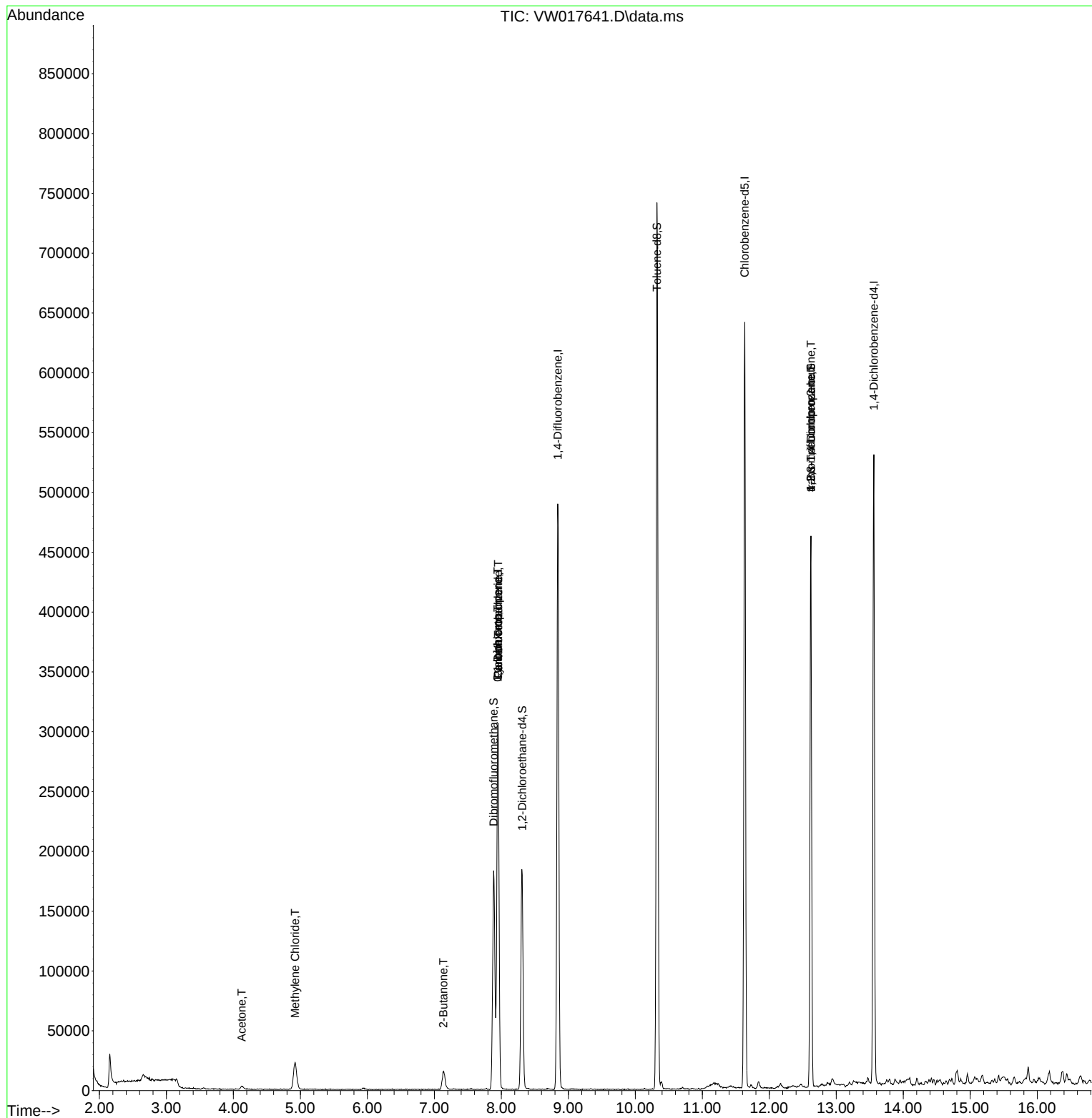
Internal Standards						
1) Pentafluorobenzene	7.952	168	221174	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	400893	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	334959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	127122	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	146603	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	
35) Dibromofluoromethane	7.884	113	125201	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
50) Toluene-d8	10.323	98	479818	46.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.90%	
62) 4-Bromofluorobenzene	12.621	95	148142	40.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.34%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.172	59	159	Below Cal	#	9
16) Acetone	4.123	43	5567	9.50	ug/l #	84
20) Methylene Chloride	4.922	84	17770	1.66	ug/l #	85
25) 2-Butanone	7.135	43	908	1.16	ug/l #	43
26) 2,2-Dichloropropane	7.141	77	1178	Below Cal	#	50
31) Cyclohexane	7.945	56	5913	1.27	ug/l #	38
36) 1,1-Dichloropropene	7.945	75	20528	4.89	ug/l #	49
38) Carbon Tetrachloride	7.952	117	23647	5.61	ug/l #	13
76) 1,2,3-Trichloropropane	12.621	75	84978	69.44	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.621	75	84978	140.70	ug/l #	11

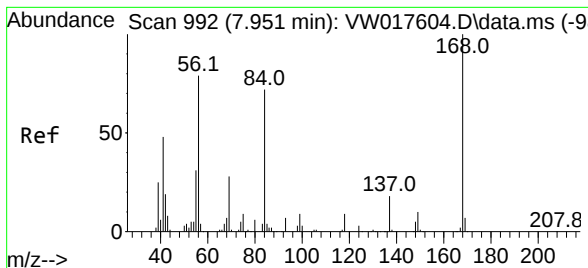
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 6.91G/5ML/MSVOA_W/SOIL
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Instrument :
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ClientSampleId :

Quant Time: Dec 16 02:41:26 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 14 12:39:23 2020
Response via : Initial Calibration

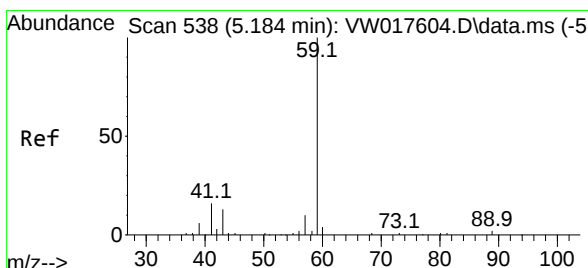
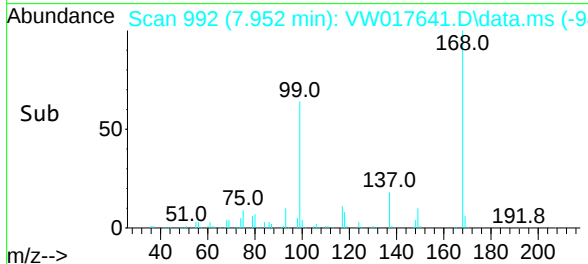
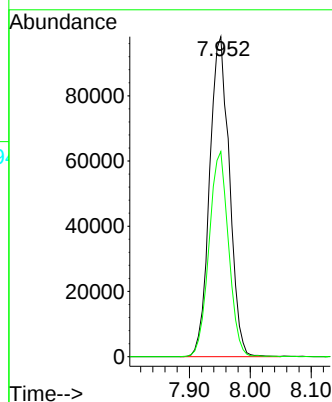
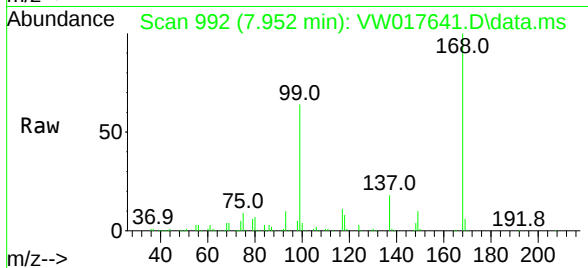




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW017641.D
Acq: 15 Dec 2020 18:16

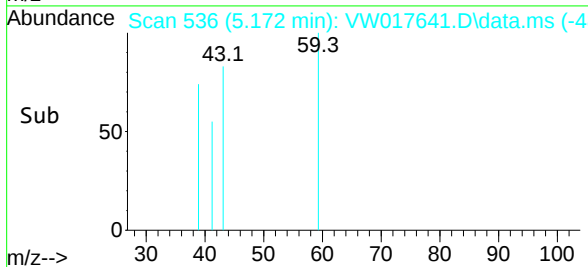
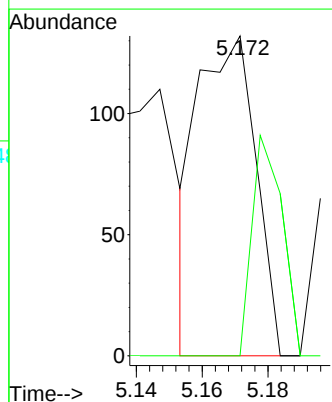
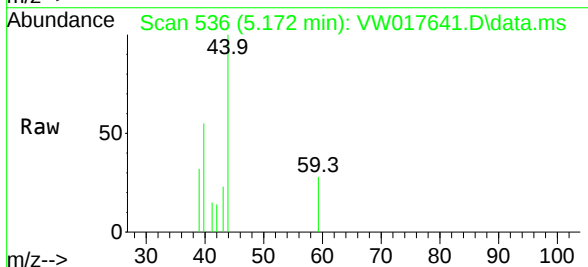
Instrument :
MSVOA_W
ClientSampleId :

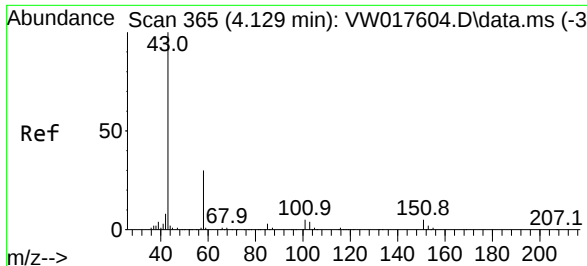
Tgt Ion:168 Resp: 221174
Ion Ratio Lower Upper
168 100
99 64.1 40.7 61.1#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.172 min Scan# 536
Delta R.T. -0.012 min
Lab File: VW017641.D
Acq: 15 Dec 2020 18:16

Tgt Ion: 59 Resp: 159
Ion Ratio Lower Upper
59 100
57 36.5 4.7 7.1#

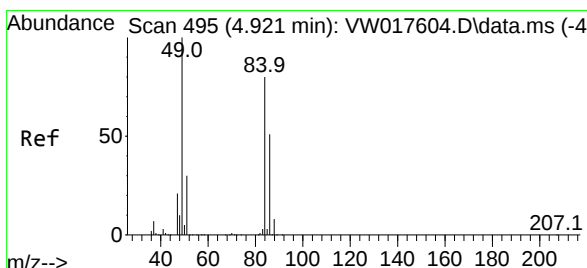
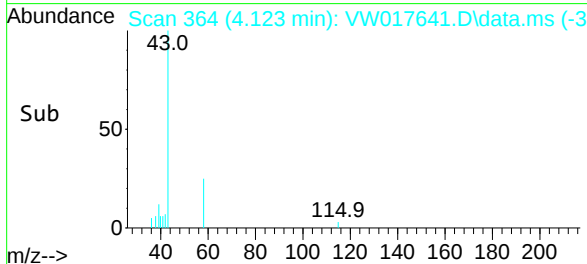
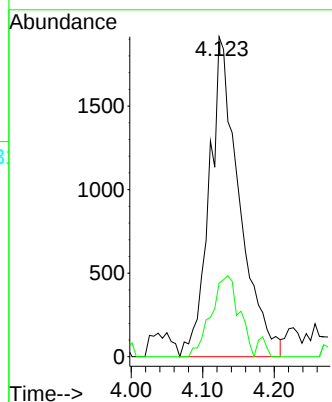
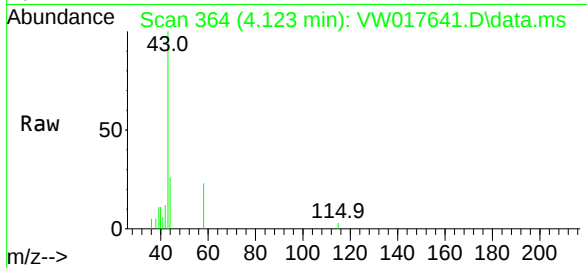




#16
Acetone
Concen: 9.50 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW017641.D
Acq: 15 Dec 2020 18:16

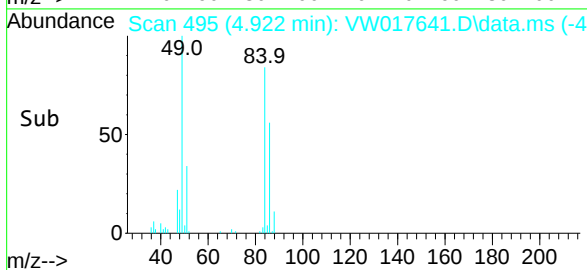
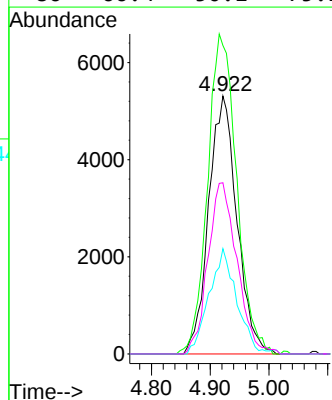
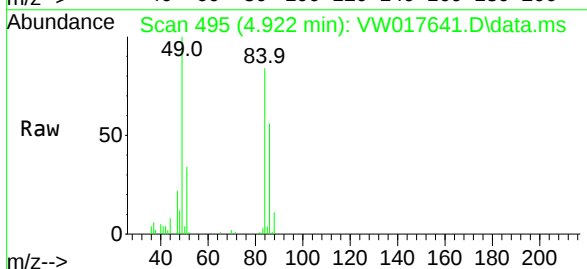
Instrument :
MSVOA_W
ClientSampled :

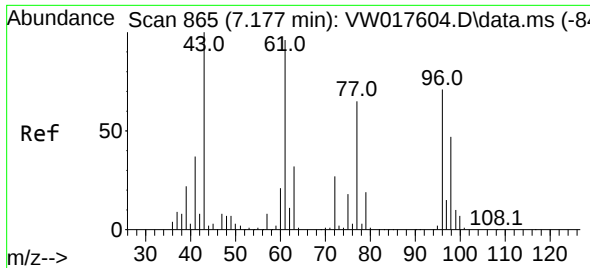
Tgt Ion: 43 Resp: 5567
Ion Ratio Lower Upper
43 100
58 23.0 25.7 38.5#



#20
Methylene Chloride
Concen: 1.66 ug/l
RT: 4.922 min Scan# 495
Delta R.T. 0.001 min
Lab File: VW017641.D
Acq: 15 Dec 2020 18:16

Tgt Ion: 84 Resp: 17770
Ion Ratio Lower Upper
84 100
49 119.6 79.0 118.6#
51 40.8 26.1 39.1#
86 66.4 50.1 75.1

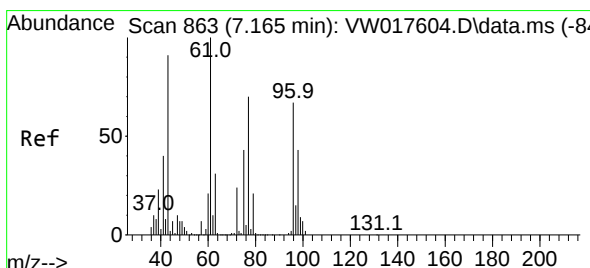
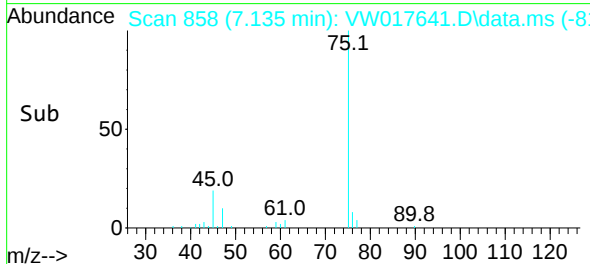
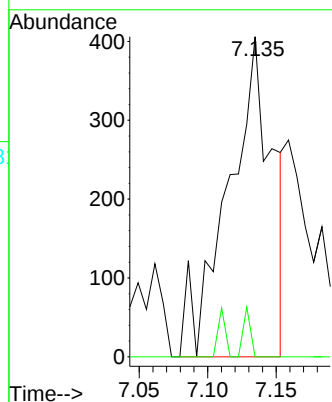
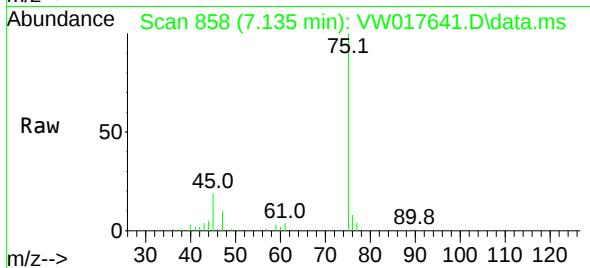




#25
2-Butanone
Concen: 1.16 ug/l
RT: 7.135 min Scan# 858
Delta R.T. -0.042 min
Lab File: VW017641.D
Acq: 15 Dec 2020 18:16

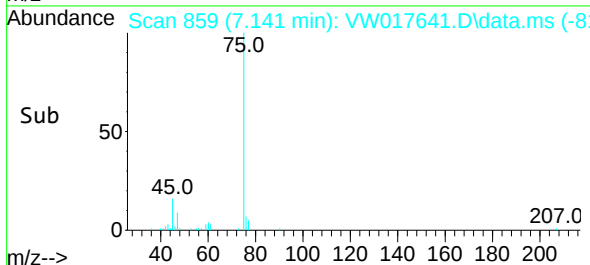
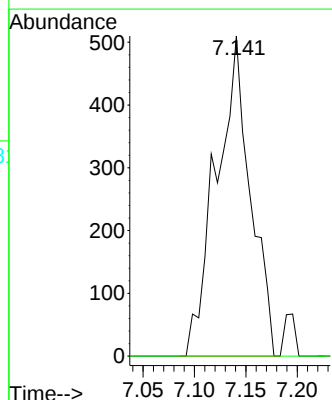
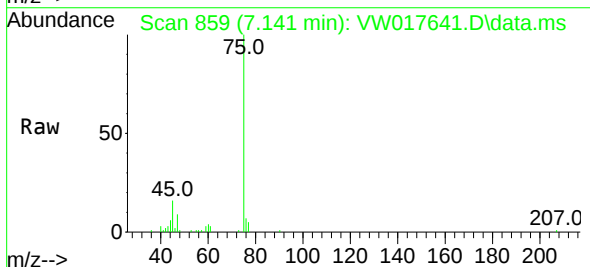
Instrument :
MSVOA_W
ClientSampled :

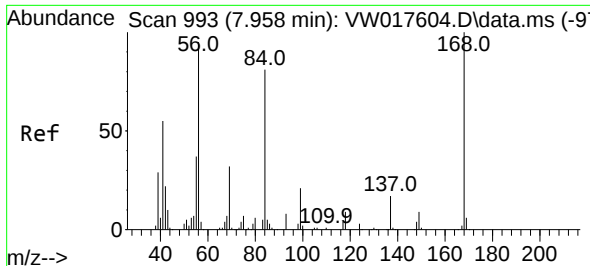
Tgt Ion: 43 Resp: 908
Ion Ratio Lower Upper
43 100
72 0.0 25.4 38.2#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.141 min Scan# 859
Delta R.T. -0.024 min
Lab File: VW017641.D
Acq: 15 Dec 2020 18:16

Tgt Ion: 77 Resp: 1178
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#

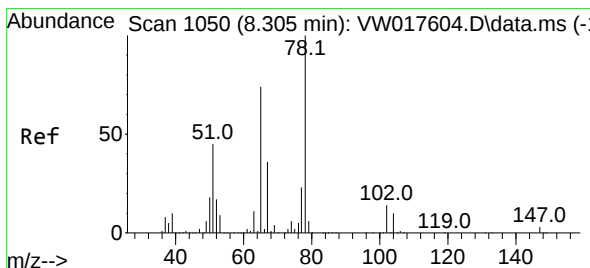
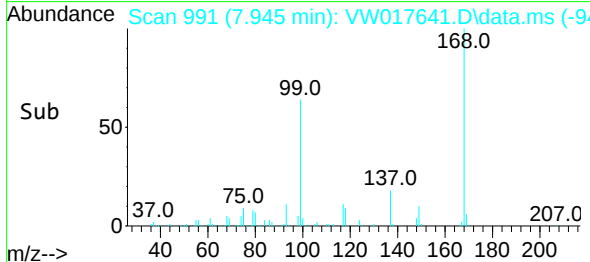
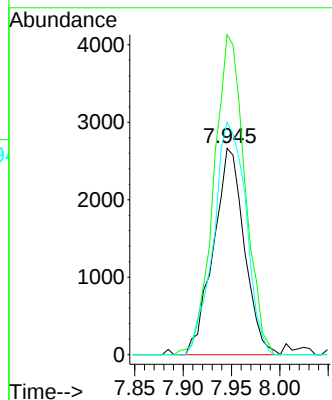
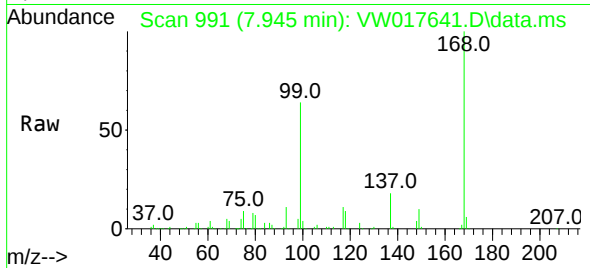




#31
Cyclohexane
Concen: 1.27 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.013 min
Lab File: VW017641.D
Acq: 15 Dec 2020 18:16

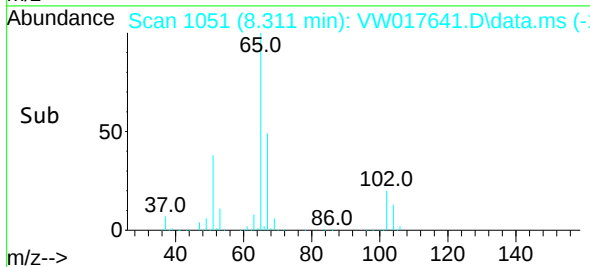
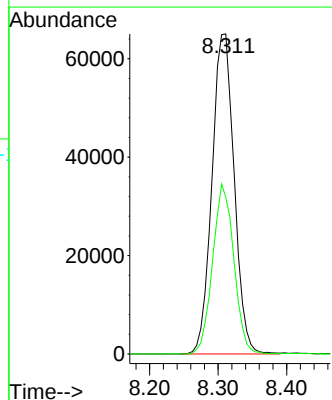
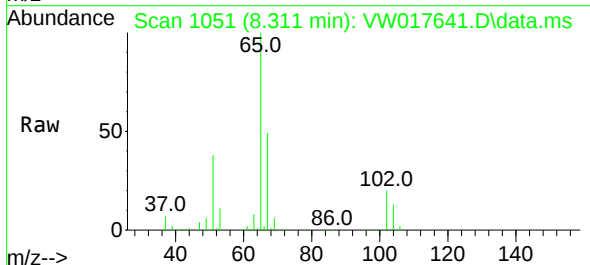
Instrument :
MSVOA_W
ClientSampleId :

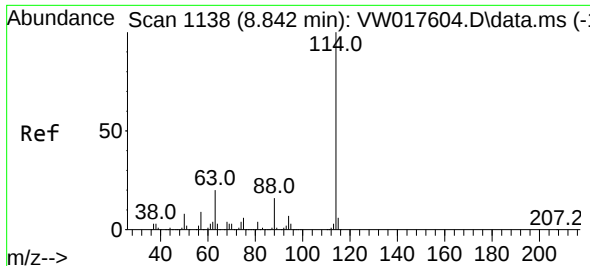
Tgt Ion: 56 Resp: 5913
Ion Ratio Lower Upper
56 100
69 155.0 29.3 43.9#
84 112.6 80.5 120.7



#33
1,2-Dichloroethane-d4
Concen: 54.42 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VW017641.D
Acq: 15 Dec 2020 18:16

Tgt Ion: 65 Resp: 146603
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.8

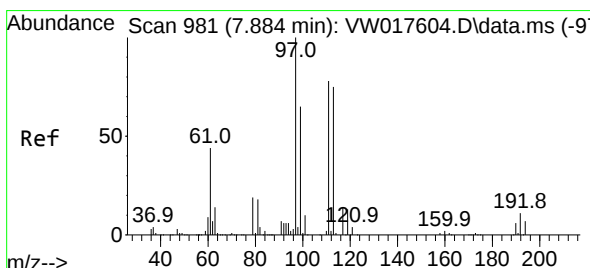
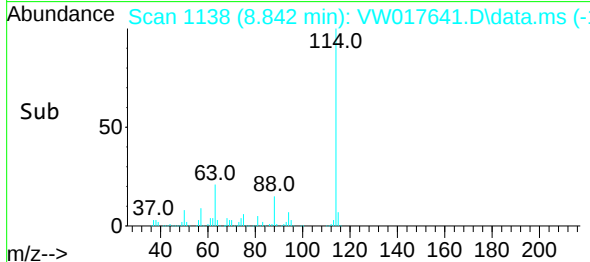
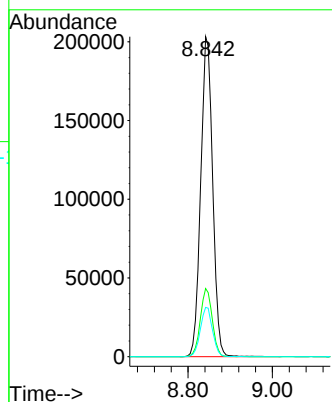
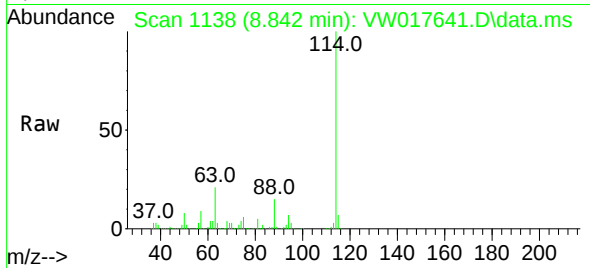




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017641.D
Acq: 15 Dec 2020 18:16

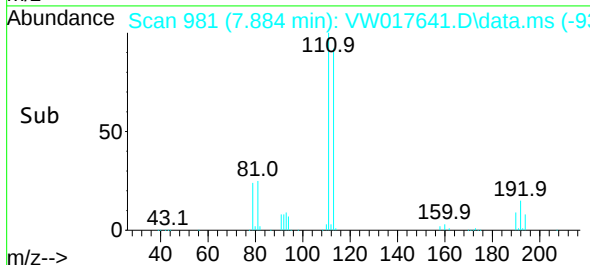
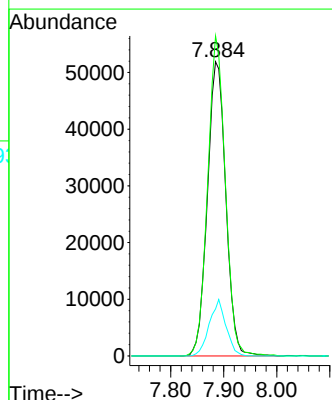
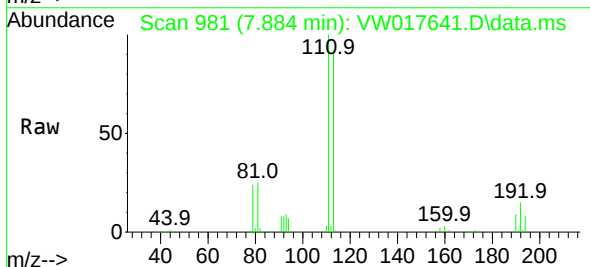
Instrument :
MSVOA_W
ClientSampleId :

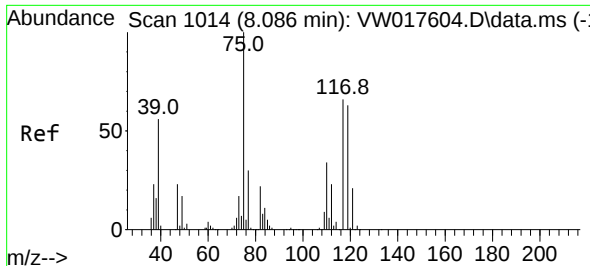
Tgt Ion:114 Resp: 400893
Ion Ratio Lower Upper
114 100
63 21.3 0.0 35.6
88 15.4 0.0 30.4



#35
Dibromofluoromethane
Concen: 47.19 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017641.D
Acq: 15 Dec 2020 18:16

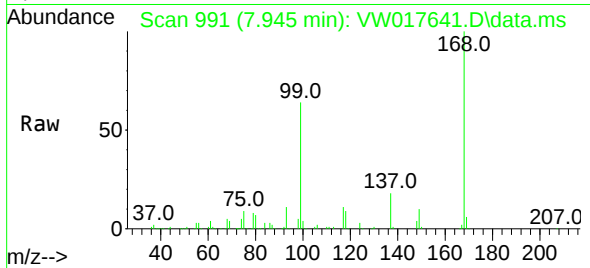
Tgt Ion:113 Resp: 125201
Ion Ratio Lower Upper
113 100
111 104.3 81.4 122.2
192 17.5 17.8 26.8#



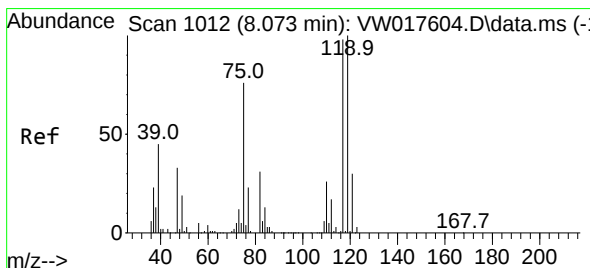
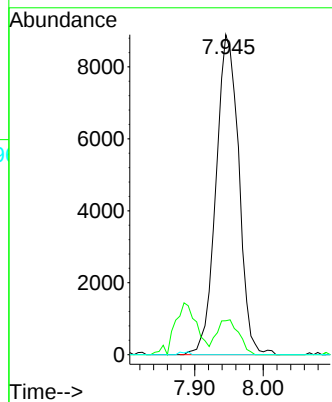
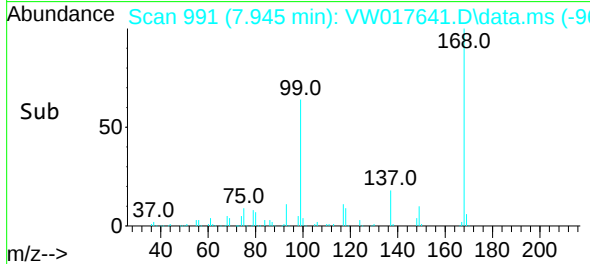


#36
1,1-Dichloropropene
Concen: 4.89 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.141 min
Lab File: VW017641.D
Acq: 15 Dec 2020 18:16

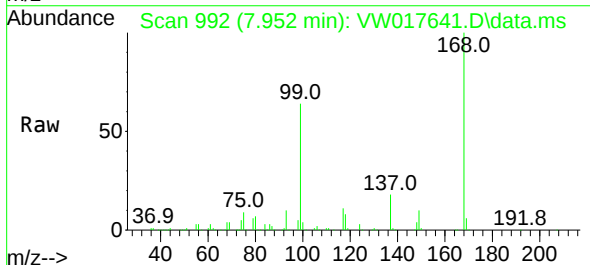
Instrument :
MSVOA_W
ClientSampleId :



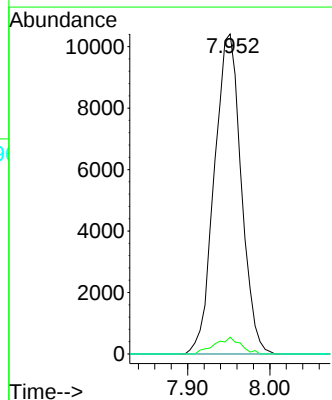
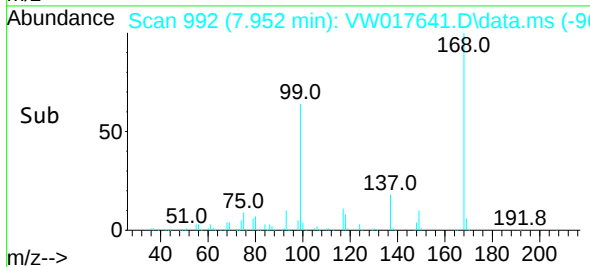
Tgt Ion: 75 Resp: 20528
Ion Ratio Lower Upper
75 100
110 10.6 19.3 57.9#
77 0.0 25.0 37.6#

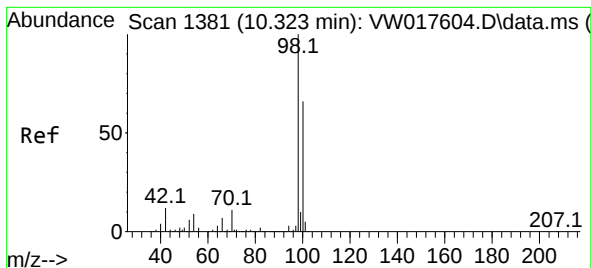


#38
Carbon Tetrachloride
Concen: 5.61 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.122 min
Lab File: VW017641.D
Acq: 15 Dec 2020 18:16



Tgt Ion: 117 Resp: 23647
Ion Ratio Lower Upper
117 100
119 5.2 81.6 122.4#
121 0.0 25.7 38.5#

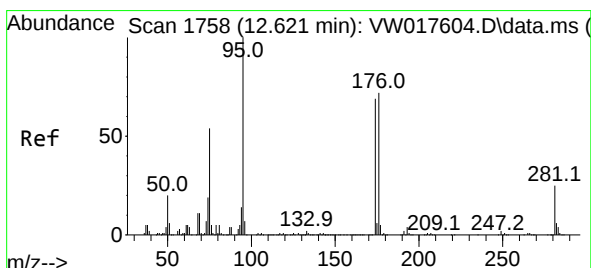
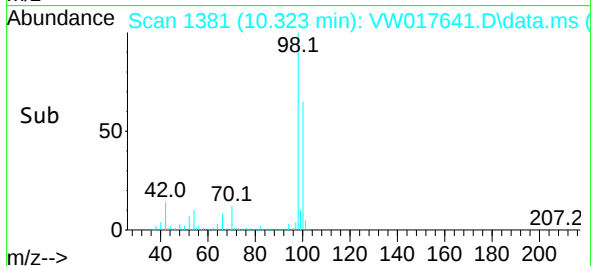
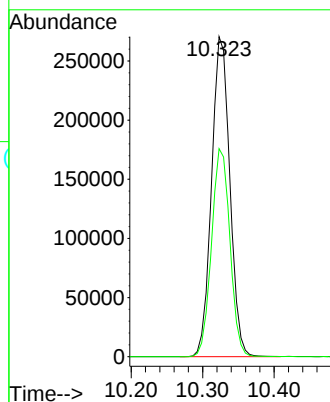
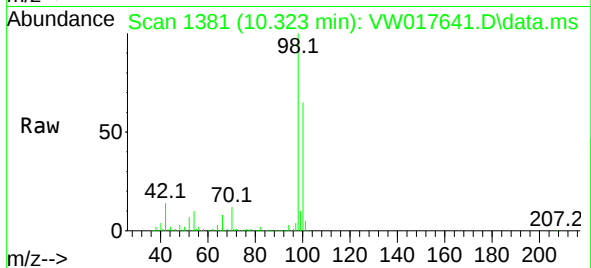




#50
Toluene-d8
Concen: 46.45 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017641.D
Acq: 15 Dec 2020 18:16

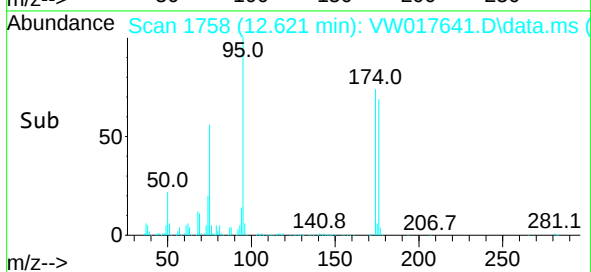
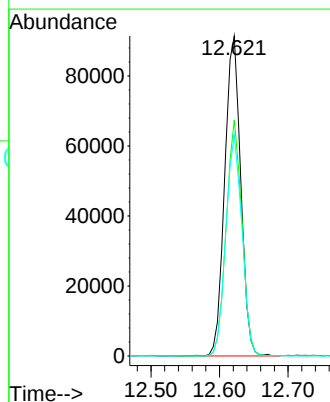
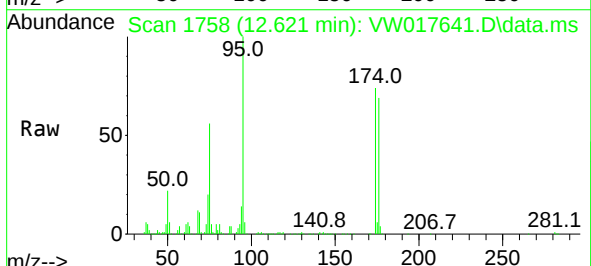
Instrument :
MSVOA_W
ClientSampled :

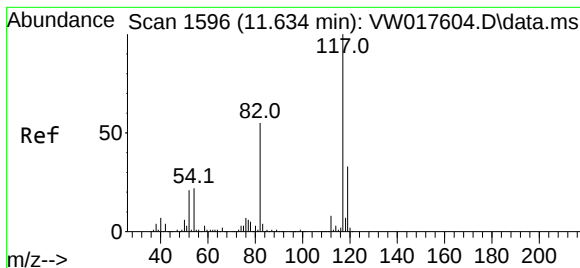
Tgt Ion: 98 Resp: 479818
Ion Ratio Lower Upper
98 100
100 65.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 40.17 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017641.D
Acq: 15 Dec 2020 18:16

Tgt Ion: 95 Resp: 148142
Ion Ratio Lower Upper
95 100
174 72.9 0.0 180.6
176 69.7 0.0 177.6

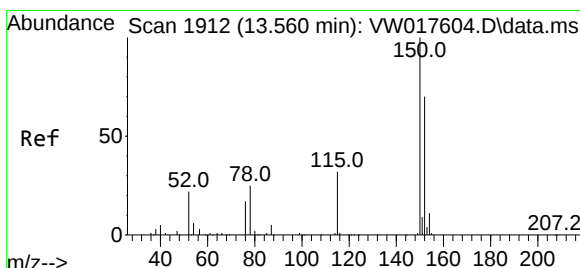
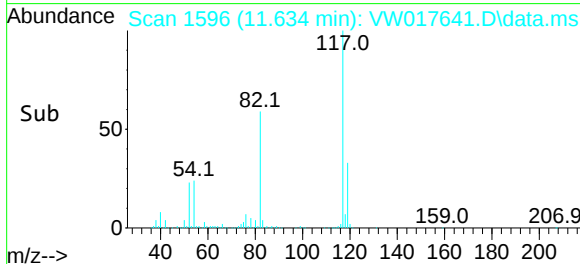
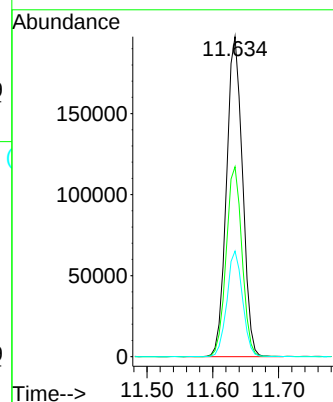
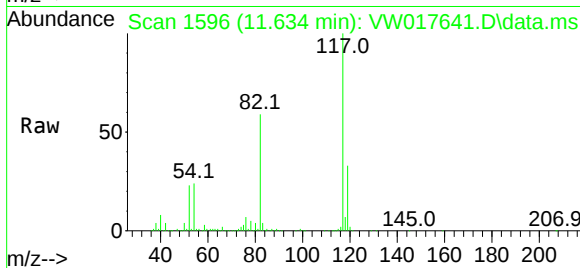




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017641.D
Acq: 15 Dec 2020 18:16

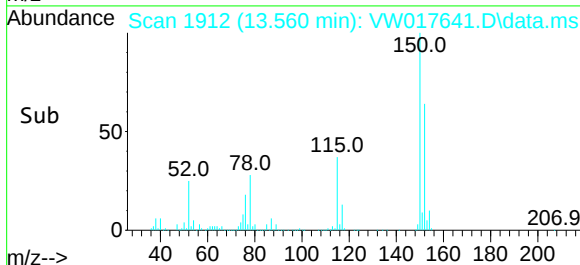
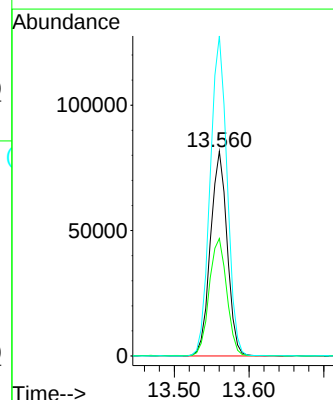
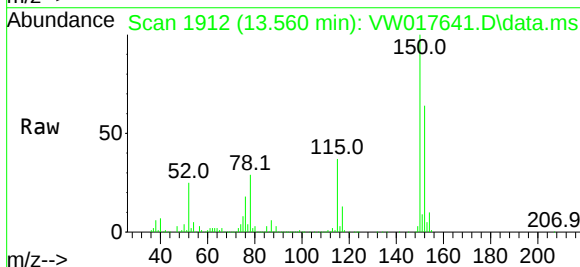
Instrument :
MSVOA_W
ClientSampleId :

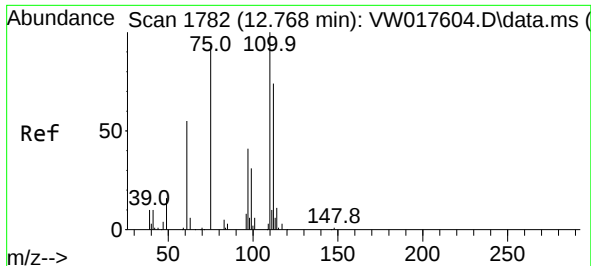
Tgt Ion:117 Resp: 334959
Ion Ratio Lower Upper
117 100
82 59.4 40.7 61.1
119 33.0 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017641.D
Acq: 15 Dec 2020 18:16

Tgt Ion:152 Resp: 127122
Ion Ratio Lower Upper
152 100
115 59.6 27.9 83.7
150 158.5 0.0 344.0

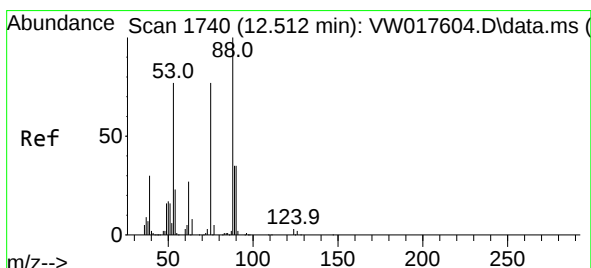
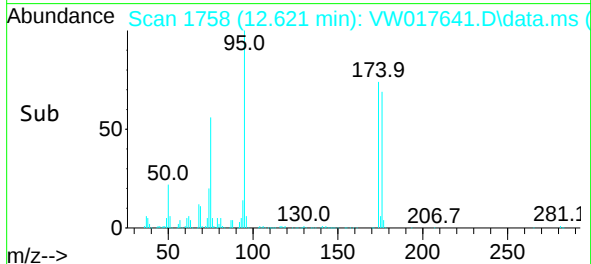
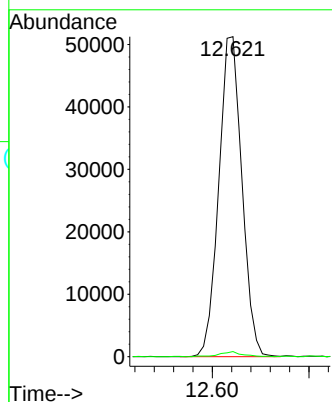
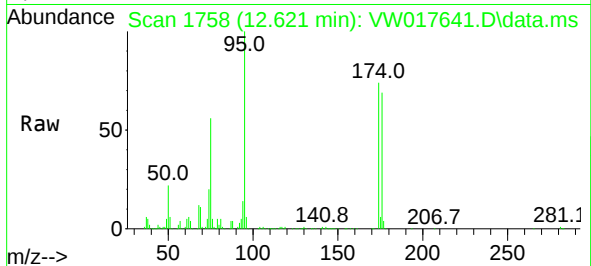




#76
1,2,3-Trichloropropane
Concen: 69.44 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW017641.D
Acq: 15 Dec 2020 18:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 84978
Ion Ratio Lower Upper
75 100
77 1.6 178.8 536.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.70 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.109 min
Lab File: VW017641.D
Acq: 15 Dec 2020 18:16

Tgt Ion: 75 Resp: 84978
Ion Ratio Lower Upper
75 100
53 0.1 77.0 115.4#
89 0.0 38.7 58.1#

