

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121620\
 Data File : VW017656.D
 Acq On : 16 Dec 2020 12:16
 Operator : SY/VA
 Sample : L5088-14
 Misc : 6.49G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 05:06:37 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)

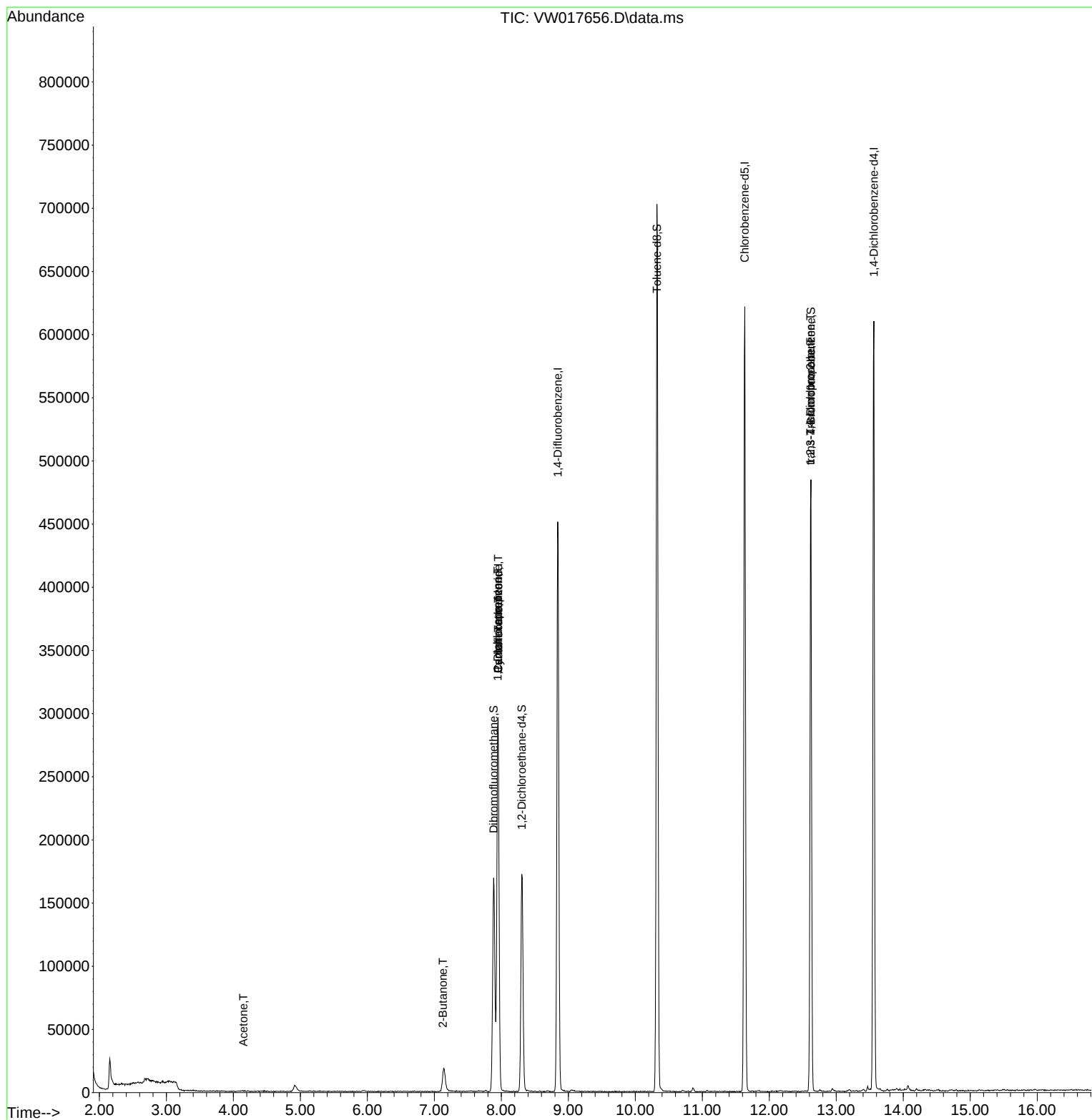
Internal Standards						
1) Pentafluorobenzene	7.952	168	213267	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	369266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	323772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	145963	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	137790	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
35) Dibromofluoromethane	7.884	113	115438	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.48%	
50) Toluene-d8	10.323	98	455894	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	12.621	95	152118	44.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.56%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.196	59	137	Below Cal	#	82
16) Acetone	4.147	43	1032	1.83	ug/l #	57
20) Methylene Chloride	4.934	84	3338	Below Cal	#	69
25) 2-Butanone	7.128	43	1317	1.75	ug/l #	67
26) 2,2-Dichloropropane	7.141	77	1422	Below Cal	#	50
31) Cyclohexane	7.952	56	6001	1.34	ug/l #	46
36) 1,1-Dichloropropene	7.945	75	18372	4.75	ug/l #	48
38) Carbon Tetrachloride	7.952	117	22628	5.82	ug/l #	13
76) 1,2,3-Trichloropropane	12.615	75	86934	61.87	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.615	75	86934	125.36	ug/l #	11

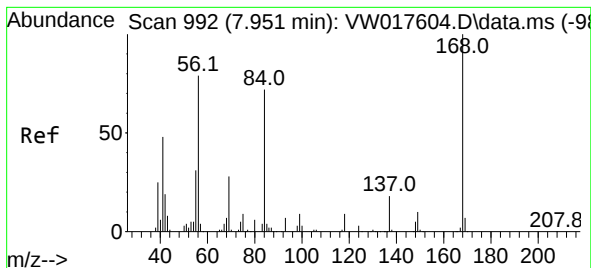
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
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Quant Time: Dec 17 05:06:37 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

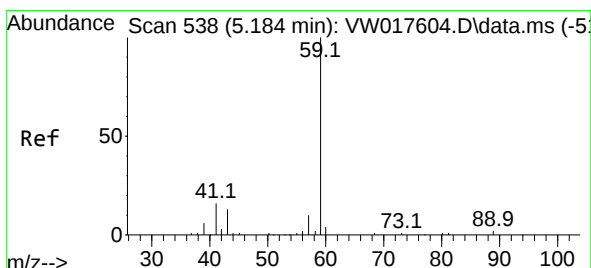
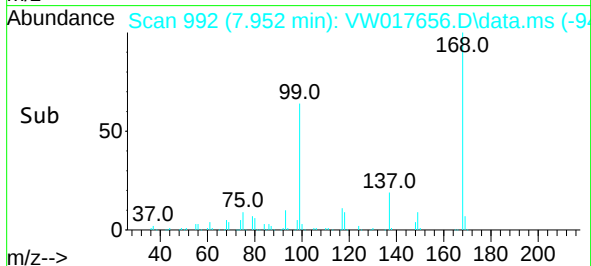
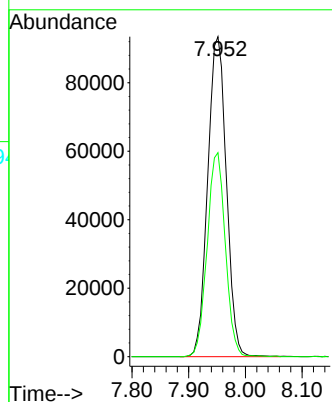
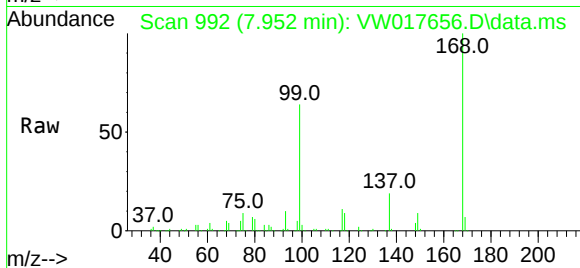




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW017656.D
Acq: 16 Dec 2020 12:16

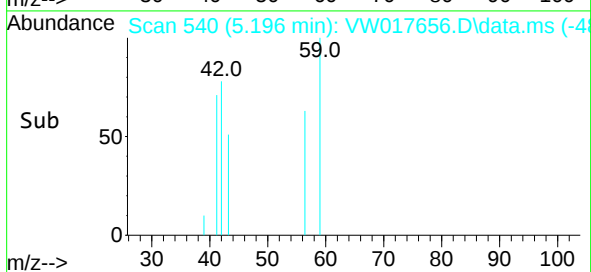
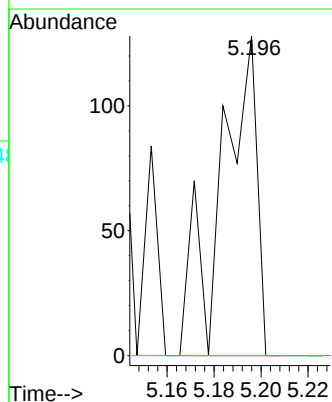
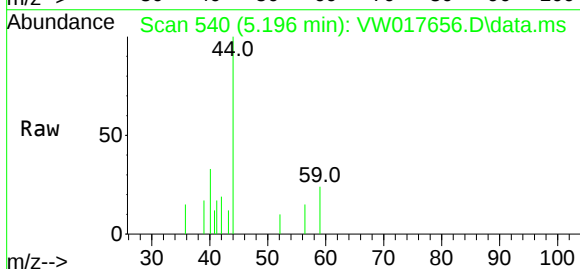
Instrument :
MSVOA_W
ClientSampleId :

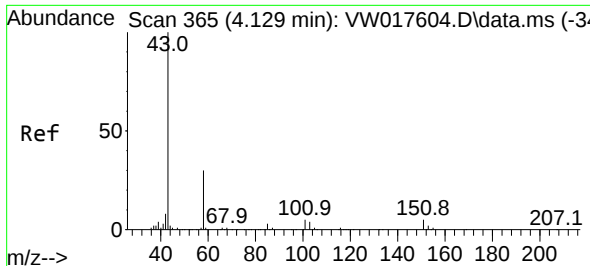
Tgt Ion:168 Resp: 213267
Ion Ratio Lower Upper
168 100
99 63.7 40.7 61.1#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.196 min Scan# 540
Delta R.T. 0.012 min
Lab File: VW017656.D
Acq: 16 Dec 2020 12:16

Tgt Ion: 59 Resp: 137
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

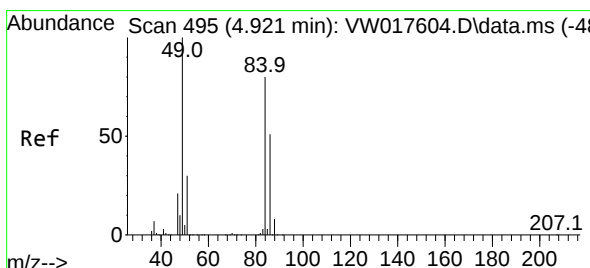
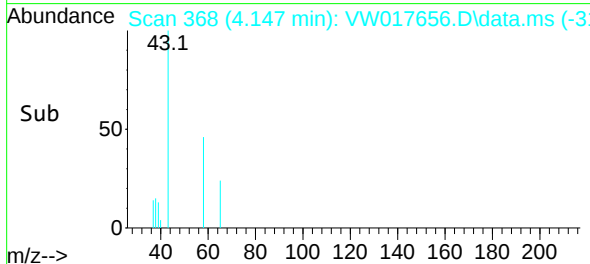
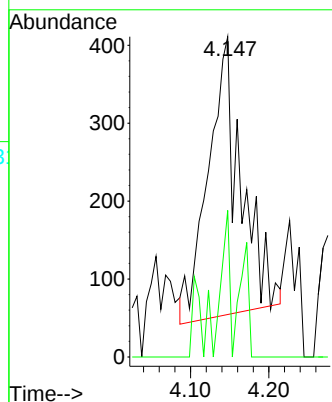
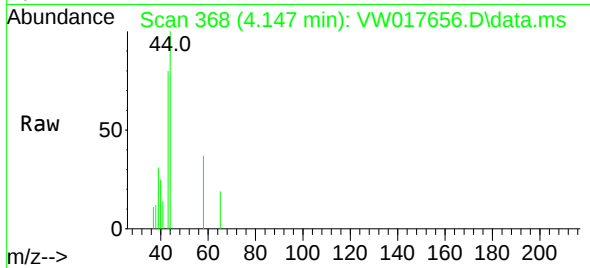




#16
Acetone
Concen: 1.83 ug/l
RT: 4.147 min Scan# 368
Delta R.T. 0.018 min
Lab File: VW017656.D
Acq: 16 Dec 2020 12:16

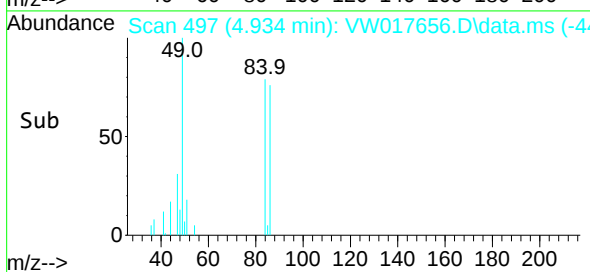
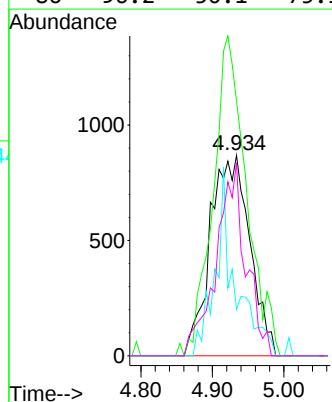
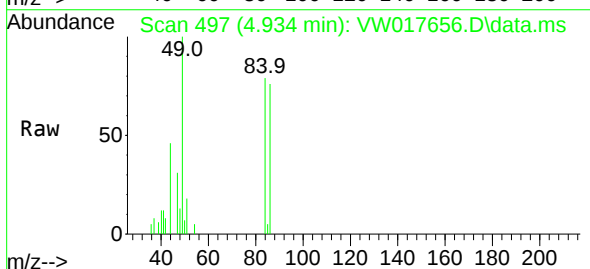
Instrument :
MSVOA_W
ClientSampleId :

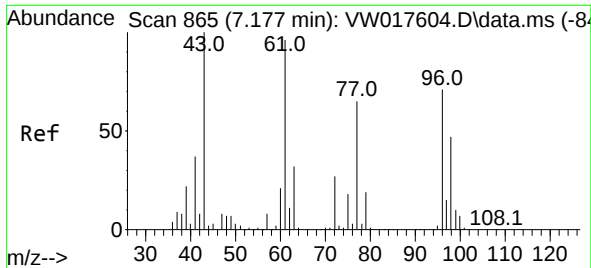
Tgt Ion: 43 Resp: 1032
Ion Ratio Lower Upper
43 100
58 56.1 25.7 38.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.934 min Scan# 497
Delta R.T. 0.013 min
Lab File: VW017656.D
Acq: 16 Dec 2020 12:16

Tgt Ion: 84 Resp: 3338
Ion Ratio Lower Upper
84 100
49 126.9 79.0 118.6#
51 23.2 26.1 39.1#
86 96.2 50.1 75.1#

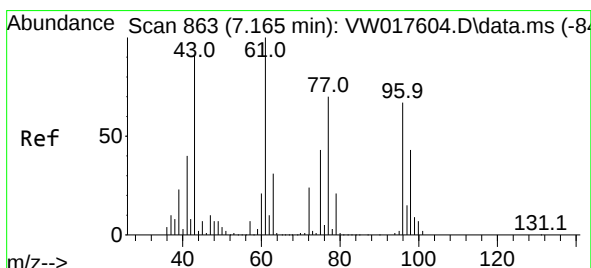
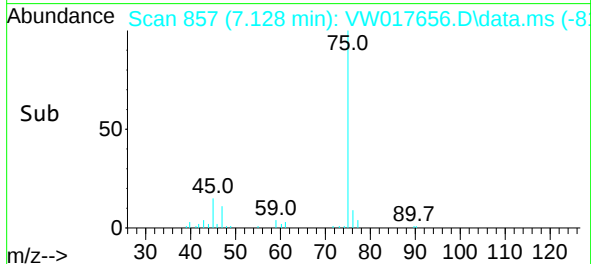
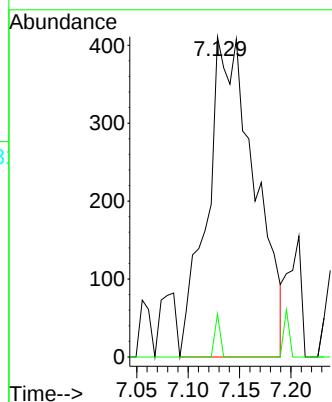
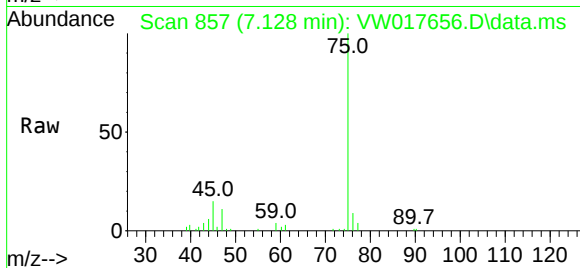




#25
2-Butanone
Concen: 1.75 ug/l
RT: 7.128 min Scan# 857
Delta R.T. -0.048 min
Lab File: VW017656.D
Acq: 16 Dec 2020 12:16

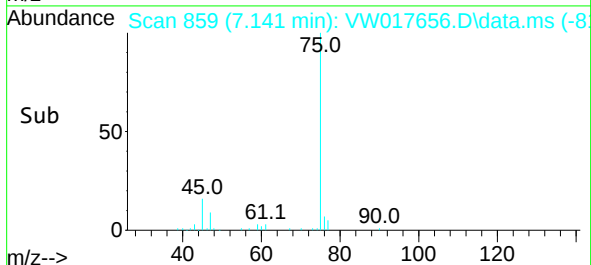
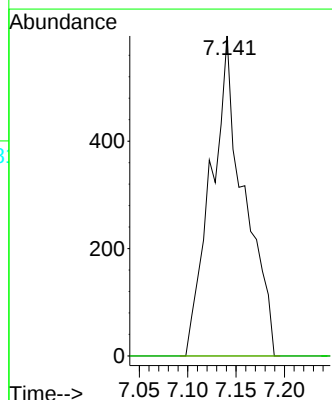
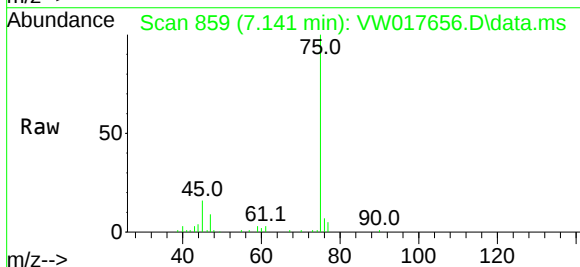
Instrument :
MSVOA_W
ClientSampled :

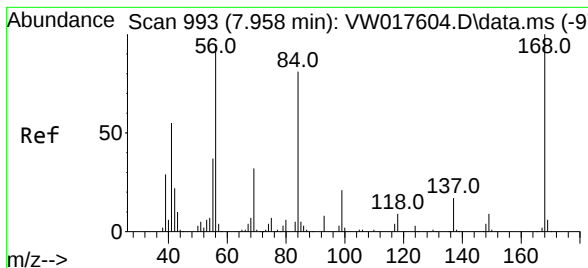
Tgt Ion: 43 Resp: 1317
Ion Ratio Lower Upper
43 100
72 13.4 25.4 38.2#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.141 min Scan# 859
Delta R.T. -0.024 min
Lab File: VW017656.D
Acq: 16 Dec 2020 12:16

Tgt Ion: 77 Resp: 1422
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#

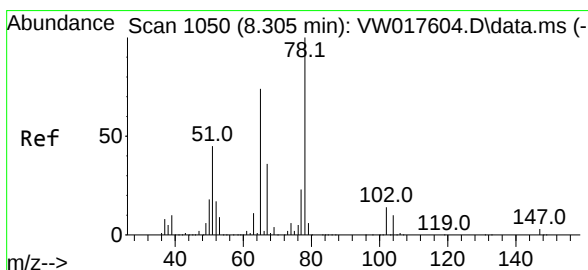
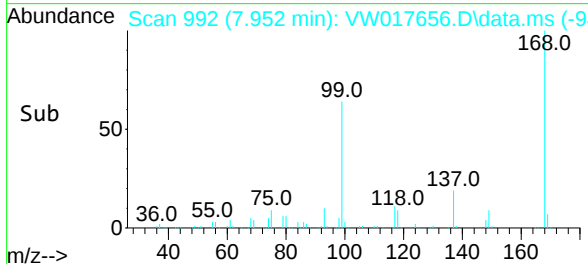
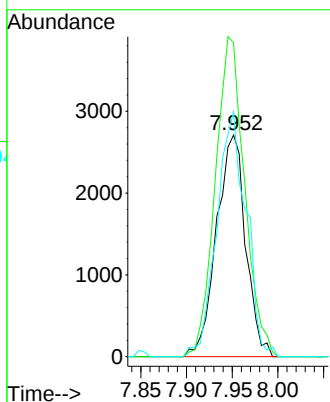
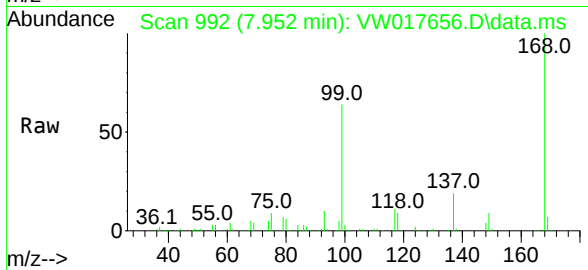




#31
Cyclohexane
Concen: 1.34 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW017656.D
Acq: 16 Dec 2020 12:16

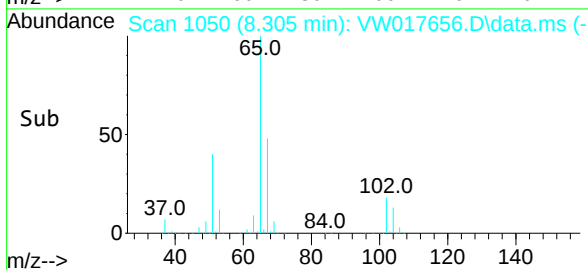
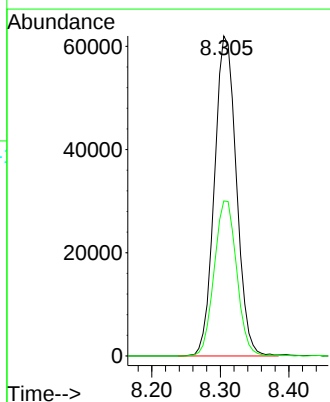
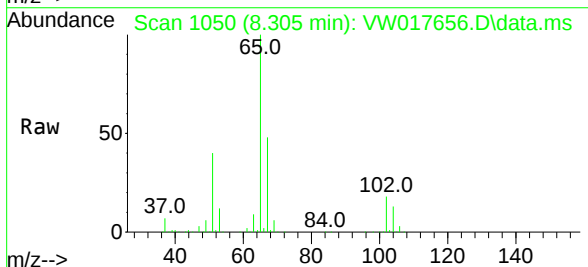
Instrument :
MSVOA_W
ClientSampleId :

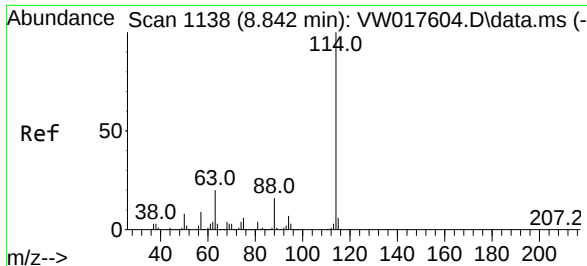
Tgt Ion: 56 Resp: 6001
Ion Ratio Lower Upper
56 100
69 141.7 29.3 43.9#
84 110.4 80.5 120.7



#33
1,2-Dichloroethane-d4
Concen: 53.04 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017656.D
Acq: 16 Dec 2020 12:16

Tgt Ion: 65 Resp: 137790
Ion Ratio Lower Upper
65 100
67 49.7 0.0 103.8

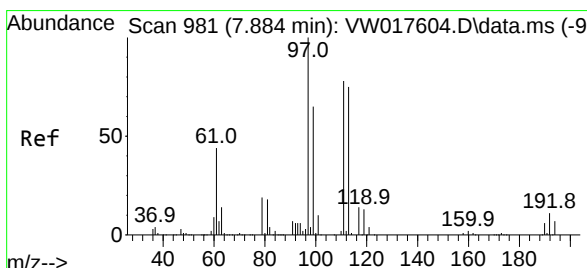
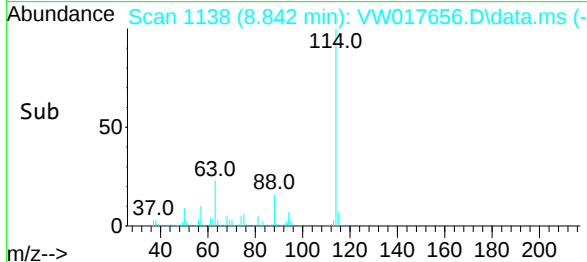
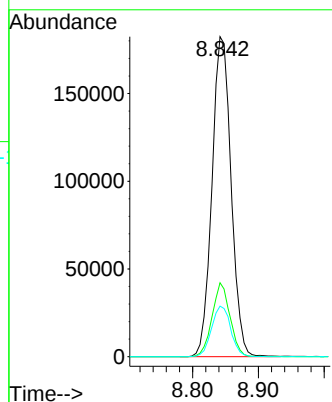
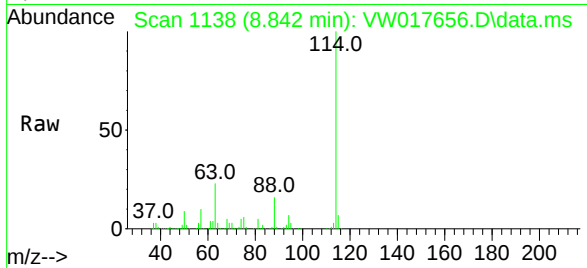




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017656.D
Acq: 16 Dec 2020 12:16

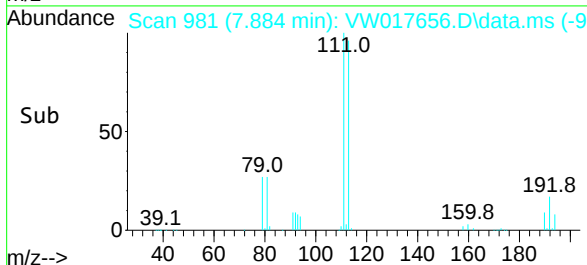
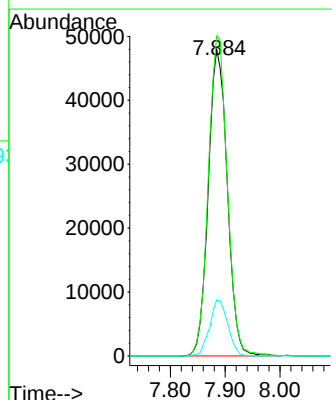
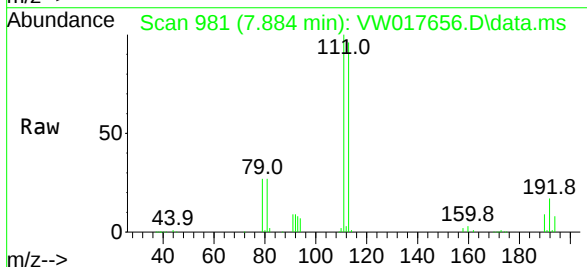
Instrument :
MSVOA_W
ClientSampleId :

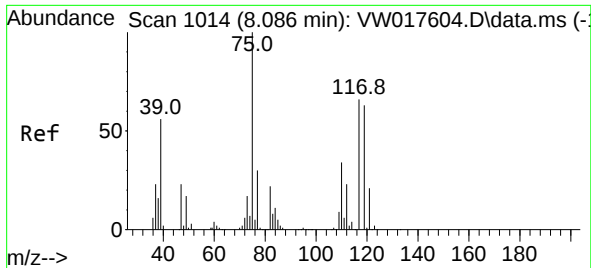
Tgt Ion:114 Resp: 369266
Ion Ratio Lower Upper
114 100
63 23.1 0.0 35.6
88 15.8 0.0 30.4



#35
Dibromofluoromethane
Concen: 47.24 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017656.D
Acq: 16 Dec 2020 12:16

Tgt Ion:113 Resp: 115438
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.2
192 17.4 17.8 26.8#

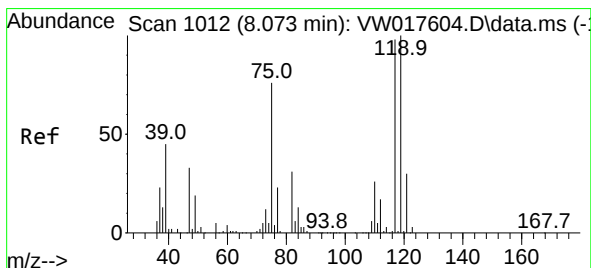
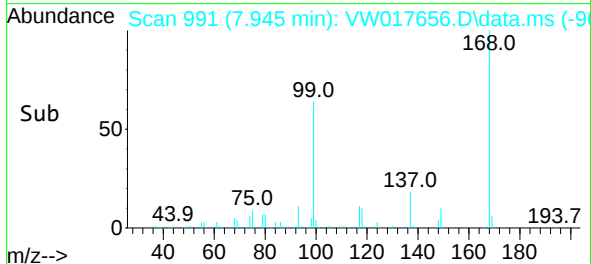
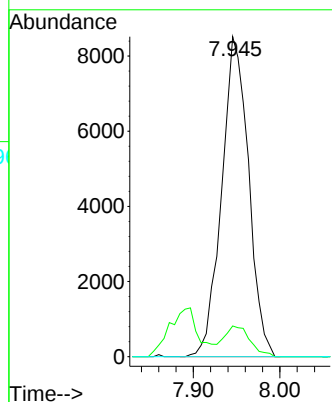
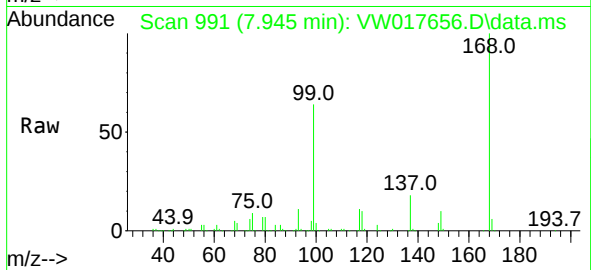




#36
 1,1-Dichloropropene
 Concen: 4.75 ug/l
 RT: 7.945 min Scan# 991
 Delta R.T. -0.141 min
 Lab File: VW017656.D
 Acq: 16 Dec 2020 12:16

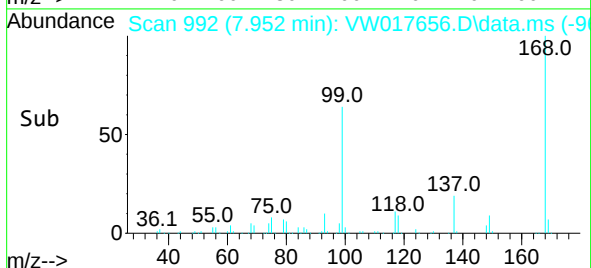
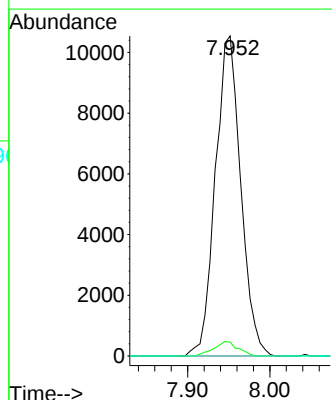
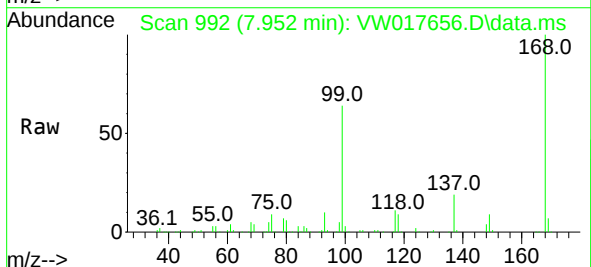
Instrument :
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 ClientSampleId :

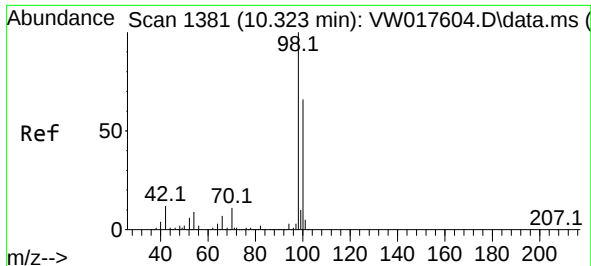
Tgt Ion: 75 Resp: 18372
 Ion Ratio Lower Upper
 75 100
 110 9.1 19.3 57.9#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 5.82 ug/l
 RT: 7.952 min Scan# 992
 Delta R.T. -0.121 min
 Lab File: VW017656.D
 Acq: 16 Dec 2020 12:16

Tgt Ion: 117 Resp: 22628
 Ion Ratio Lower Upper
 117 100
 119 4.4 81.6 122.4#
 121 0.0 25.7 38.5#

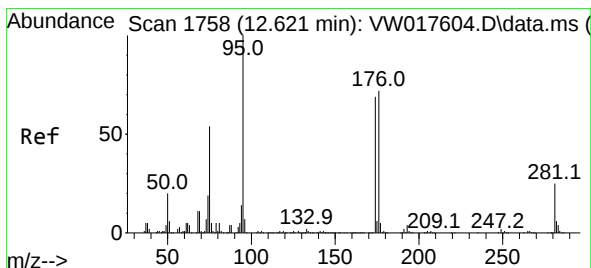
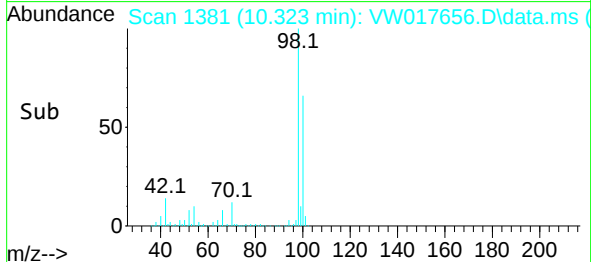
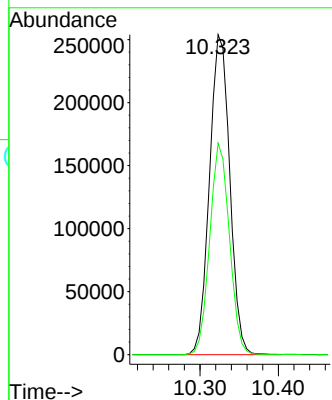
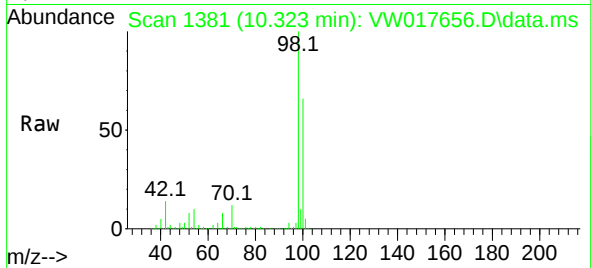




#50
Toluene-d8
Concen: 47.92 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017656.D
Acq: 16 Dec 2020 12:16

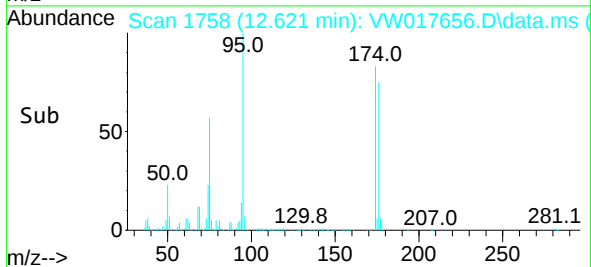
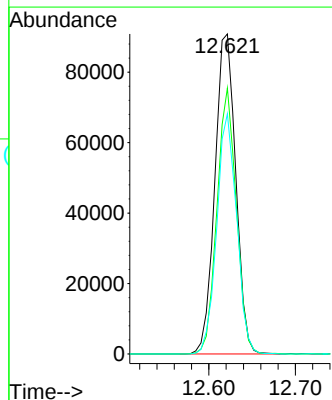
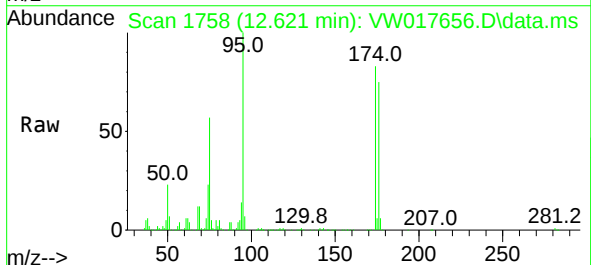
Instrument :
MSVOA_W
ClientSampled :

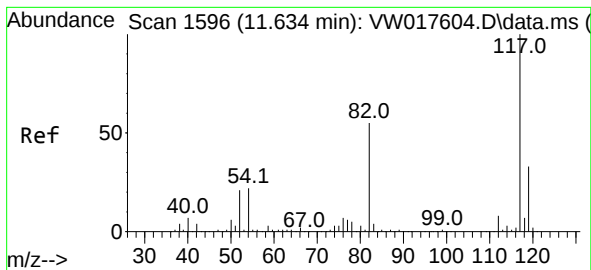
Tgt Ion: 98 Resp: 455894
Ion Ratio Lower Upper
98 100
100 64.3 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 44.78 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017656.D
Acq: 16 Dec 2020 12:16

Tgt Ion: 95 Resp: 152118
Ion Ratio Lower Upper
95 100
174 76.9 0.0 180.6
176 71.2 0.0 177.6

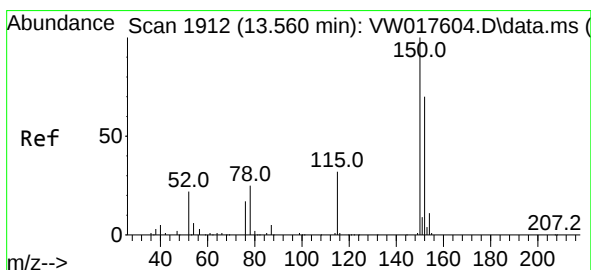
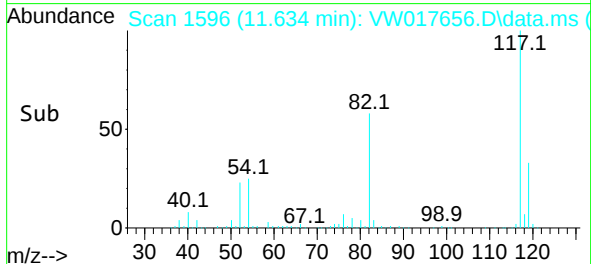
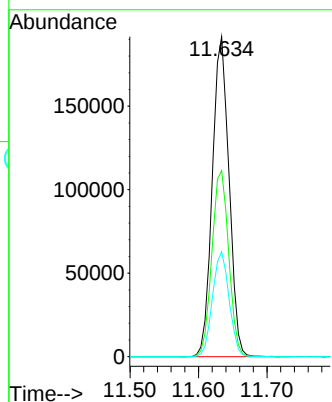
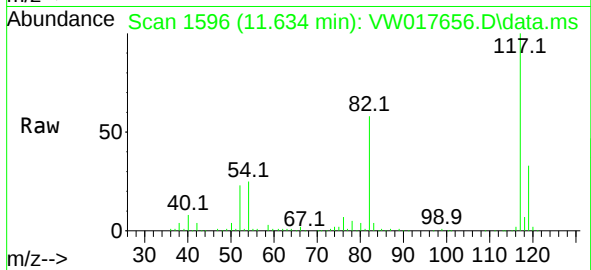




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017656.D
Acq: 16 Dec 2020 12:16

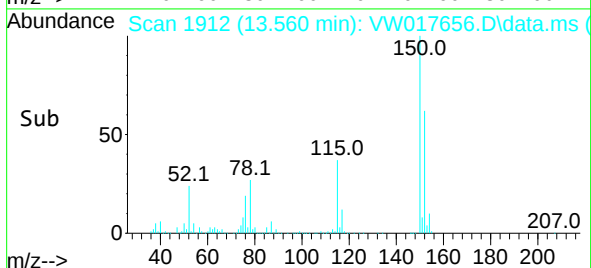
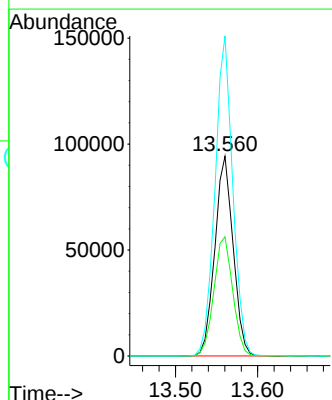
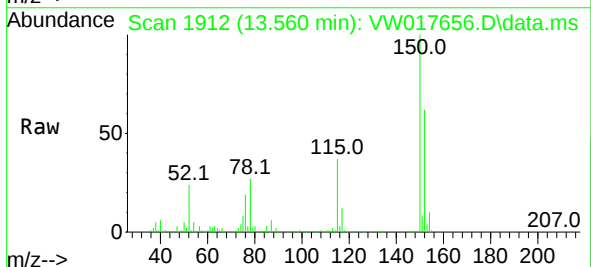
Instrument :
MSVOA_W
ClientSampleId :

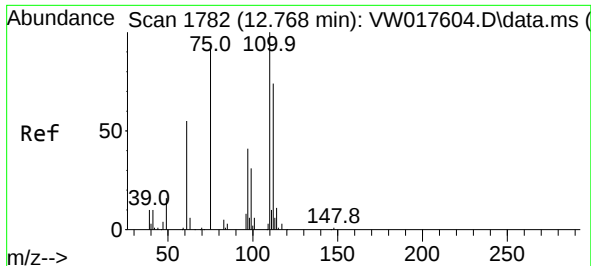
Tgt Ion:117 Resp: 323772
Ion Ratio Lower Upper
117 100
82 58.1 40.7 61.1
119 32.8 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017656.D
Acq: 16 Dec 2020 12:16

Tgt Ion:152 Resp: 145963
Ion Ratio Lower Upper
152 100
115 61.4 27.9 83.7
150 155.2 0.0 344.0

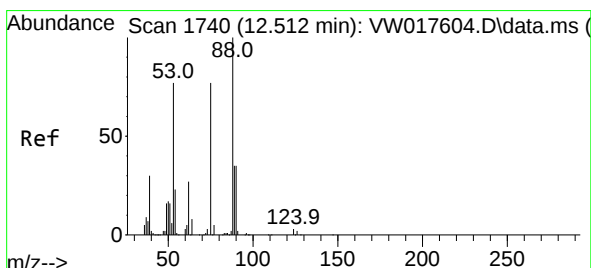
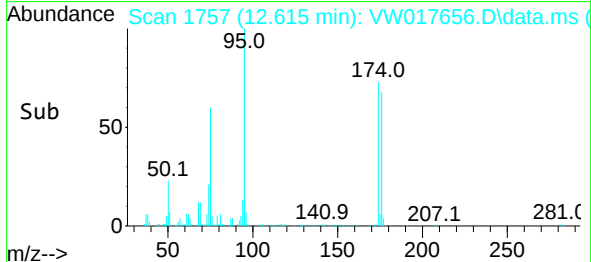
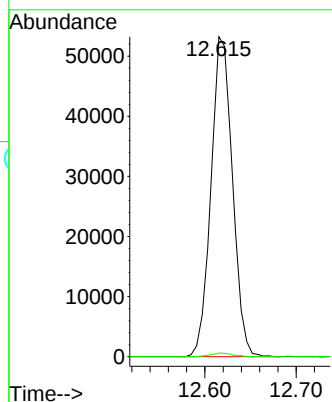
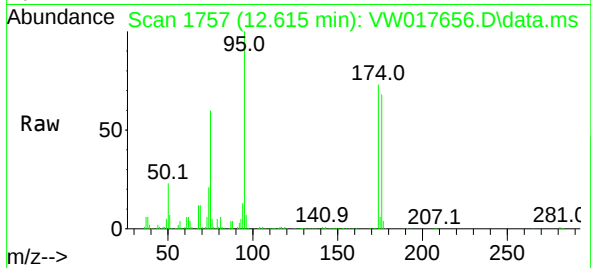




#76
1,2,3-Trichloropropane
Concen: 61.87 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW017656.D
Acq: 16 Dec 2020 12:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 86934
Ion Ratio Lower Upper
75 100
77 1.1 178.8 536.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.36 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.103 min
Lab File: VW017656.D
Acq: 16 Dec 2020 12:16

Tgt Ion: 75 Resp: 86934
Ion Ratio Lower Upper
75 100
53 0.0 77.0 115.4#
89 0.1 38.7 58.1#

