

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121820\
 Data File : VW017675.D
 Acq On : 18 Dec 2020 14:46
 Operator : SY/VA
 Sample : L5036-10
 Misc : 6.87G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 00:12:31 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)

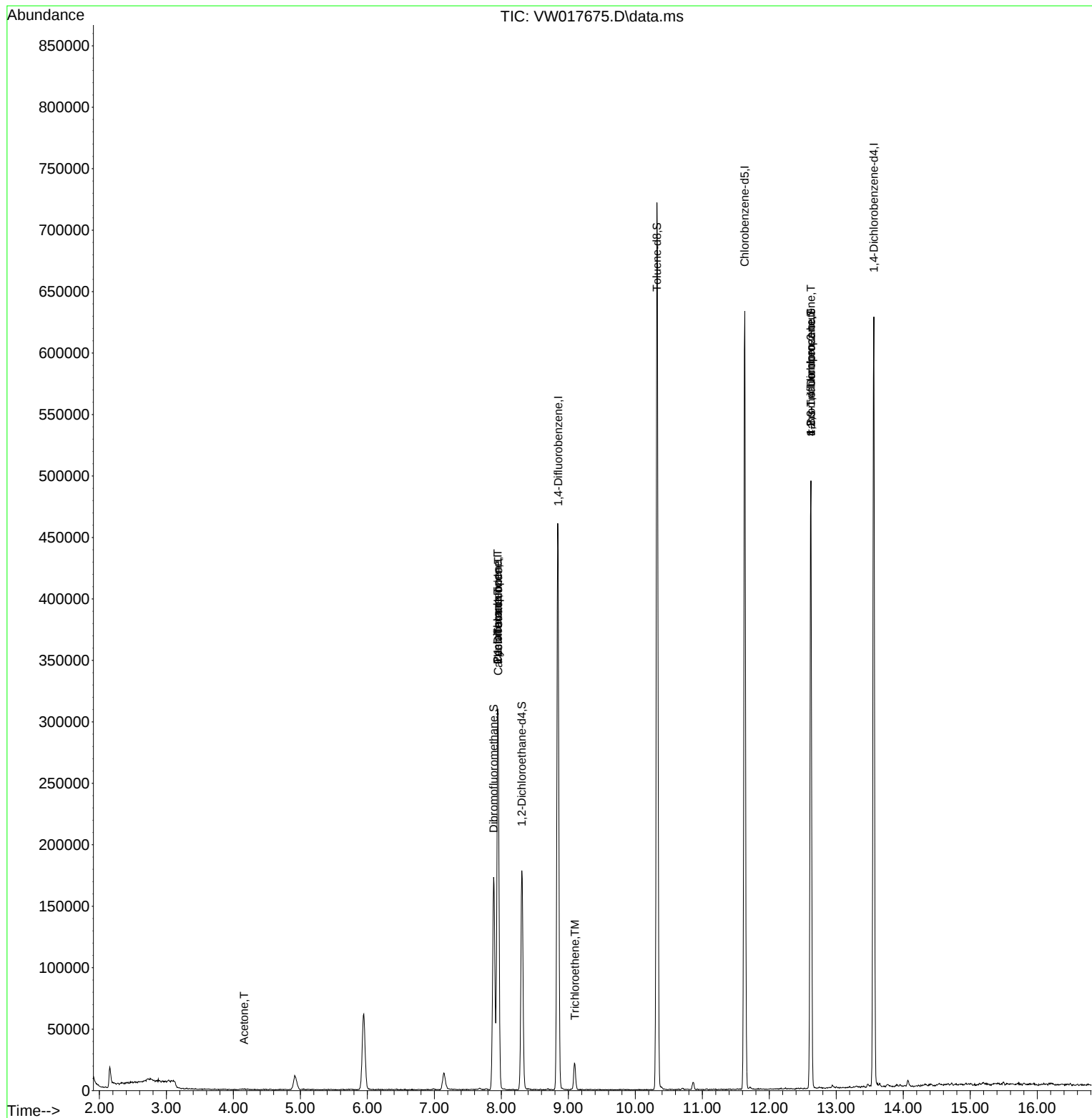
Internal Standards						
1) Pentafluorobenzene	7.945	168	216256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	374468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	332063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	149731	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	142003	53.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.82%	
35) Dibromofluoromethane	7.884	113	119054	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
50) Toluene-d8	10.323	98	464146	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
62) 4-Bromofluorobenzene	12.621	95	156116	45.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.64%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.184	59	224	Below Cal	#	88
16) Acetone	4.160	43	1314	2.29 ug/l	#	81
20) Methylene Chloride	4.915	84	8452	Below Cal	#	70
26) 2,2-Dichloropropane	7.141	77	1003	Below Cal	#	50
31) Cyclohexane	7.945	56	6201	1.36 ug/l	#	39
36) 1,1-Dichloropropene	7.945	75	19604	5.00 ug/l	#	48
38) Carbon Tetrachloride	7.952	117	22791	5.78 ug/l	#	13
44) Trichloroethene	9.098	130	6874	2.40 ug/l		88
76) 1,2,3-Trichloropropane	12.621	75	91101	63.20 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.621	75	91101	128.06 ug/l	#	11

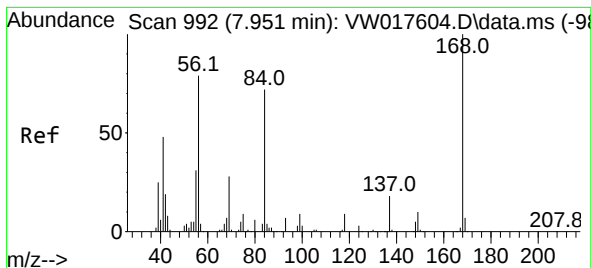
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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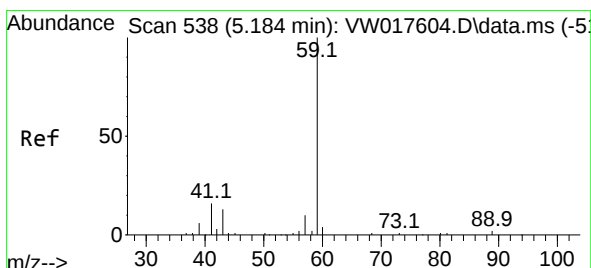
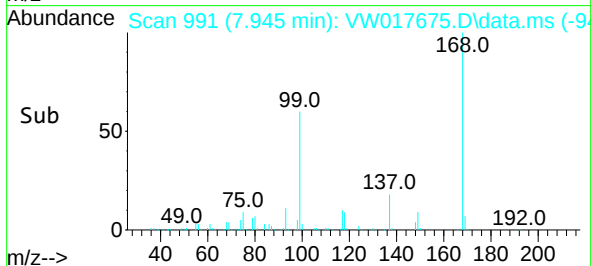
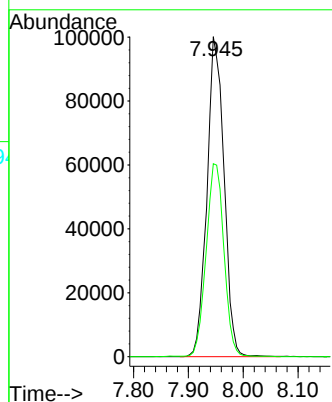
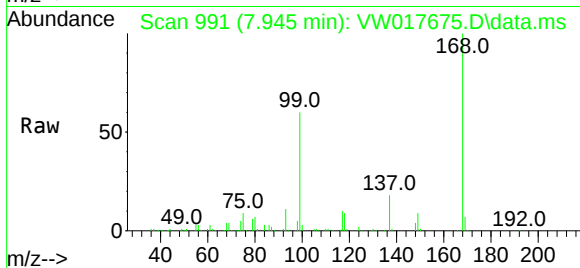




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW017675.D
Acq: 18 Dec 2020 14:46

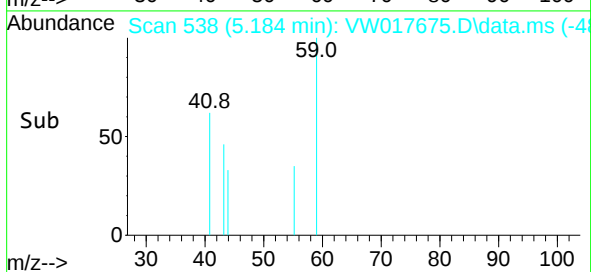
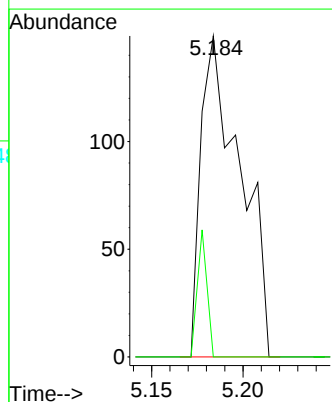
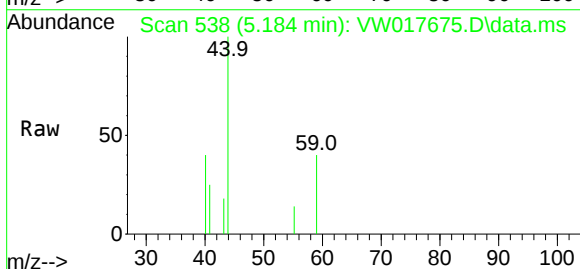
Instrument :
MSVOA_W
ClientSampleId :

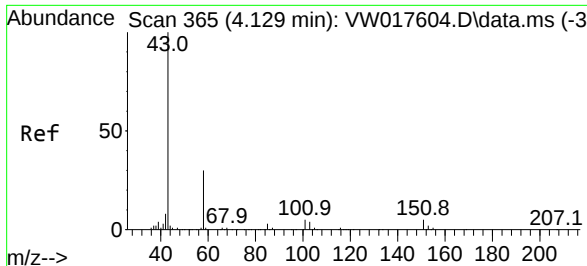
Tgt Ion:168 Resp: 216256
Ion Ratio Lower Upper
168 100
99 60.3 40.7 61.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.184 min Scan# 538
Delta R.T. -0.000 min
Lab File: VW017675.D
Acq: 18 Dec 2020 14:46

Tgt Ion: 59 Resp: 224
Ion Ratio Lower Upper
59 100
57 9.8 4.7 7.1#

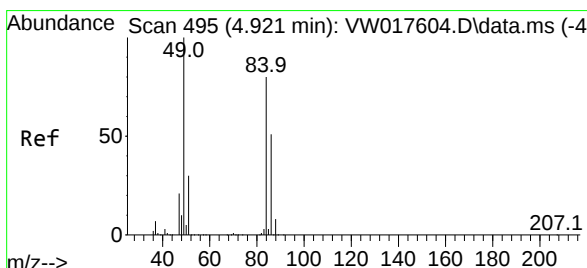
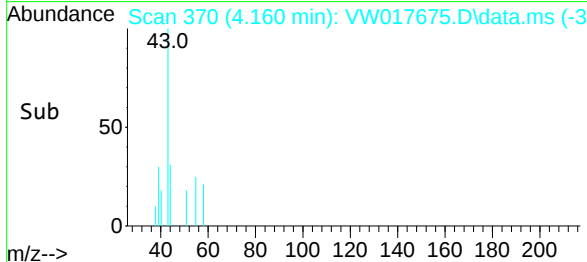
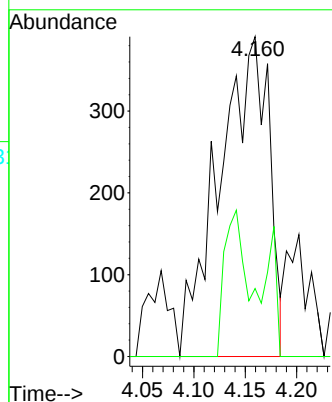
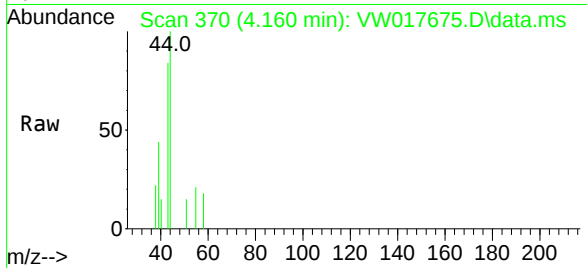




#16
Acetone
Concen: 2.29 ug/l
RT: 4.160 min Scan# 370
Delta R.T. 0.031 min
Lab File: VW017675.D
Acq: 18 Dec 2020 14:46

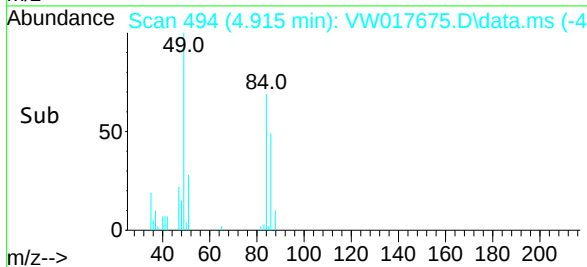
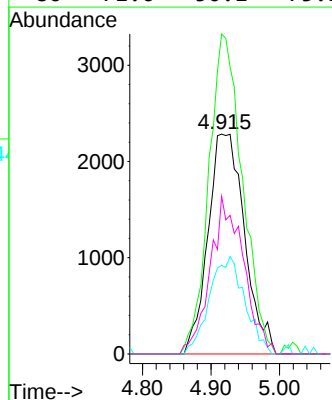
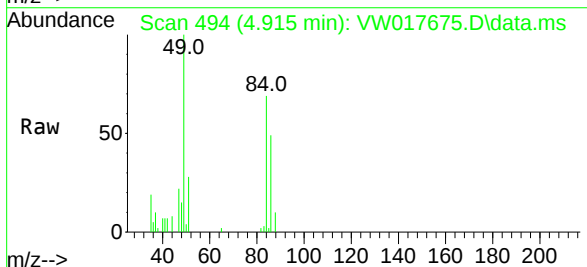
Instrument :
MSVOA_W
ClientSampleId :

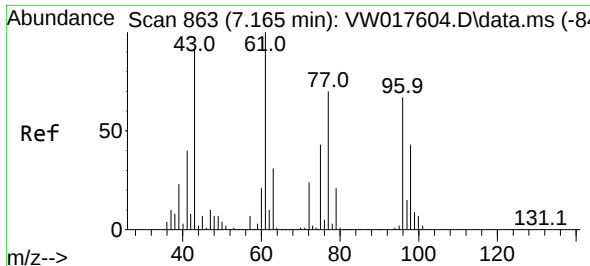
Tgt Ion: 43 Resp: 1314
Ion Ratio Lower Upper
43 100
58 21.2 25.7 38.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW017675.D
Acq: 18 Dec 2020 14:46

Tgt Ion: 84 Resp: 8452
Ion Ratio Lower Upper
84 100
49 145.5 79.0 118.6#
51 40.3 26.1 39.1#
86 71.6 50.1 75.1

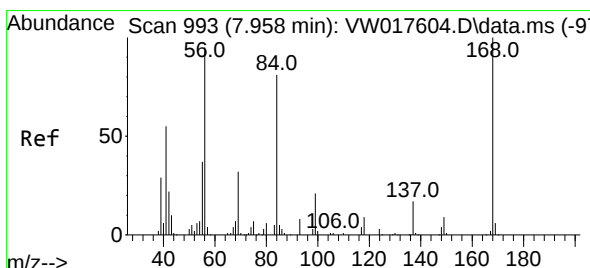
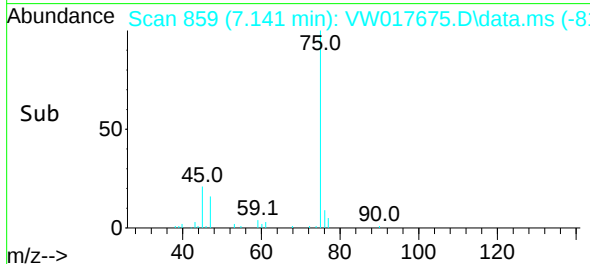
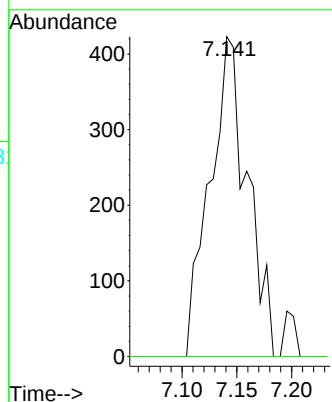
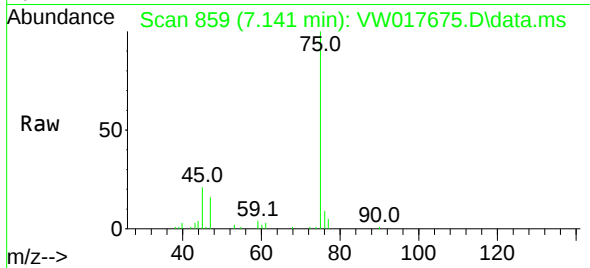




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.141 min Scan# 859
Delta R.T. -0.024 min
Lab File: VW017675.D
Acq: 18 Dec 2020 14:46

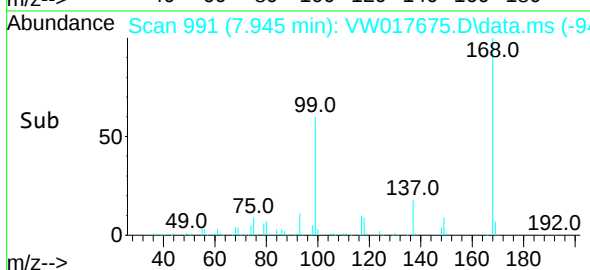
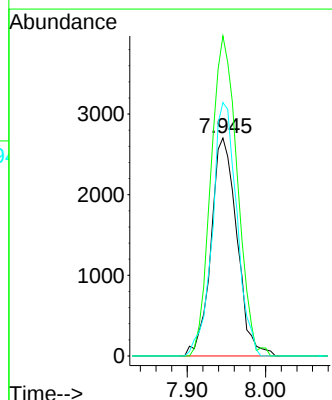
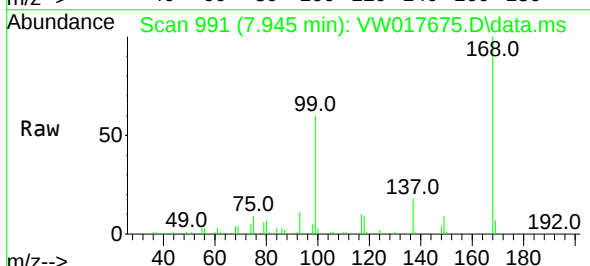
Instrument :
MSVOA_W
ClientSampled :

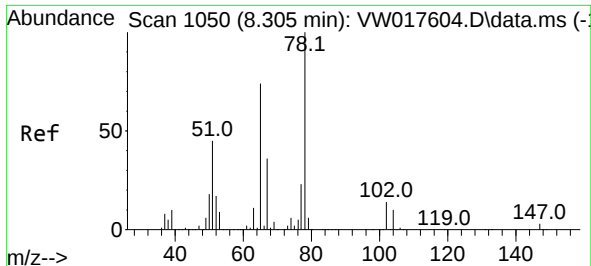
Tgt Ion: 77 Resp: 1003
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#



#31
Cyclohexane
Concen: 1.36 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.013 min
Lab File: VW017675.D
Acq: 18 Dec 2020 14:46

Tgt Ion: 56 Resp: 6201
Ion Ratio Lower Upper
56 100
69 146.9 29.3 43.9#
84 116.3 80.5 120.7

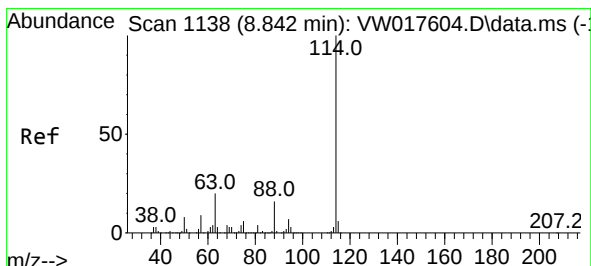
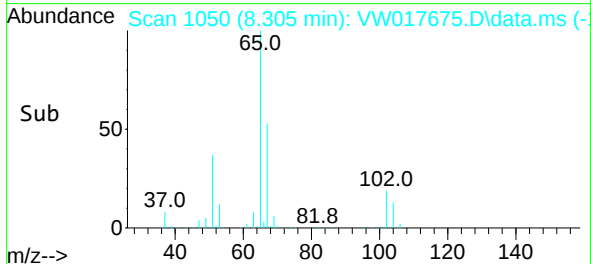
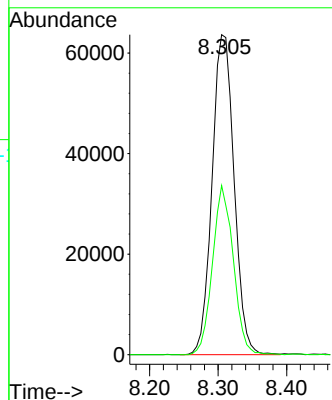
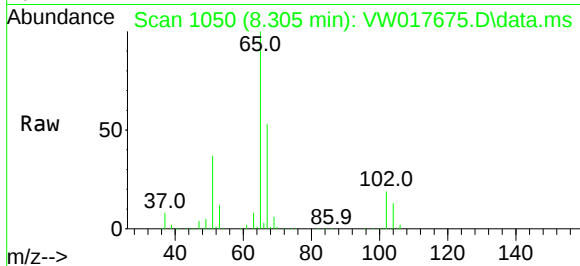




#33
1,2-Dichloroethane-d4
Concen: 53.91 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017675.D
Acq: 18 Dec 2020 14:46

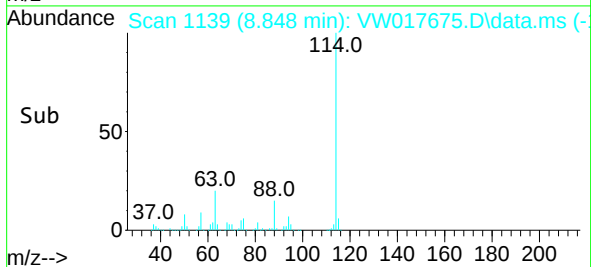
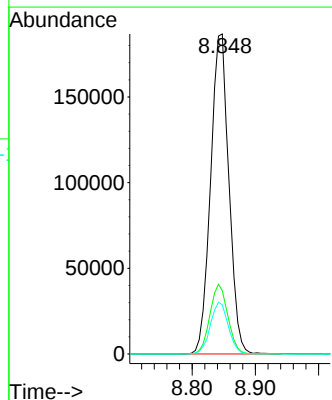
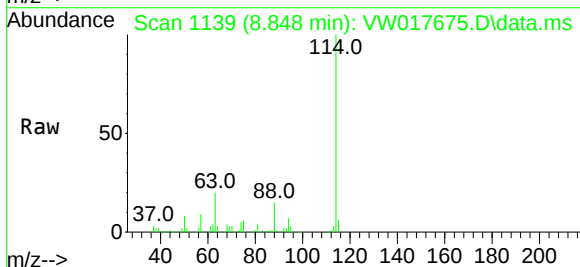
Instrument :
MSVOA_W
ClientSampleId :

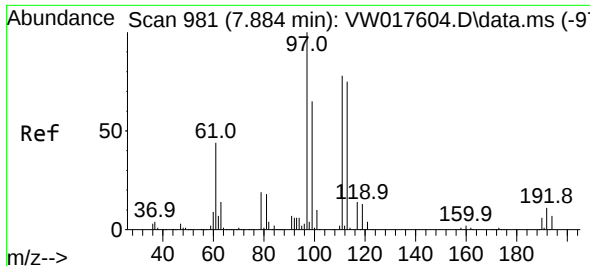
Tgt Ion: 65 Resp: 142003
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.006 min
Lab File: VW017675.D
Acq: 18 Dec 2020 14:46

Tgt Ion: 114 Resp: 374468
Ion Ratio Lower Upper
114 100
63 19.8 0.0 35.6
88 15.4 0.0 30.4

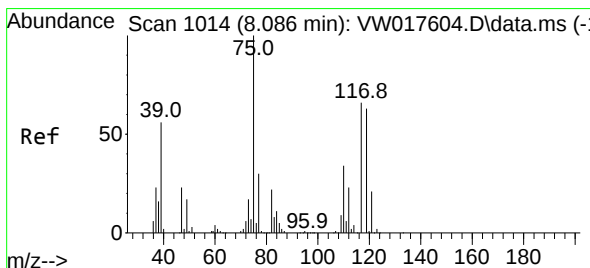
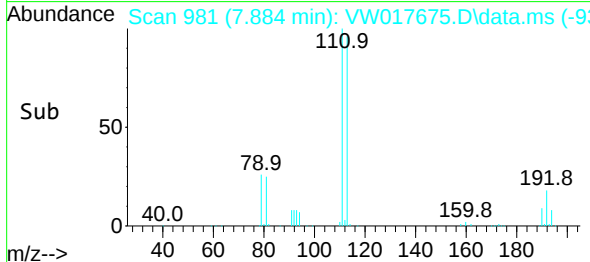
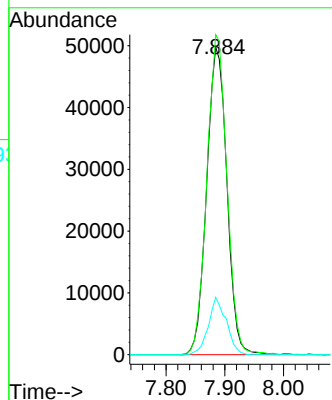
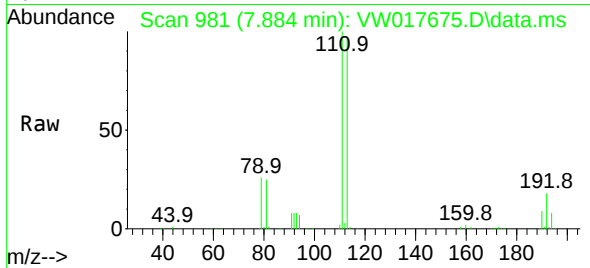




#35
Dibromofluoromethane
Concen: 48.04 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017675.D
Acq: 18 Dec 2020 14:46

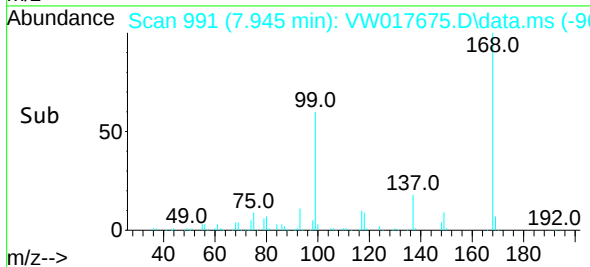
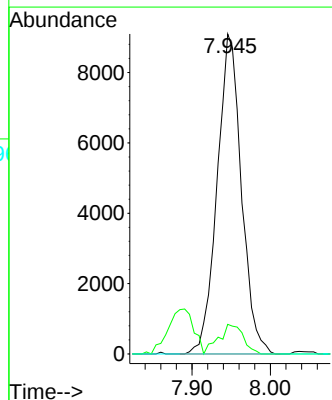
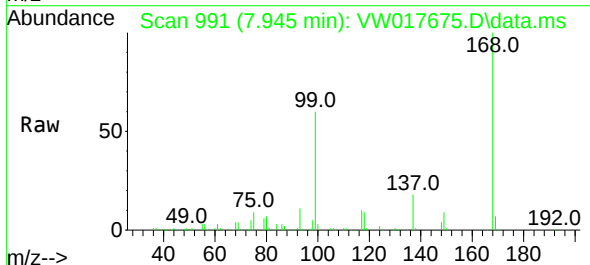
Instrument :
MSVOA_W
ClientSampleId :

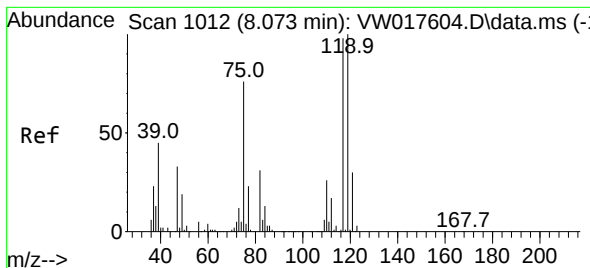
Tgt Ion:113 Resp: 119054
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.2
192 16.6 17.8 26.8#



#36
1,1-Dichloropropene
Concen: 5.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.141 min
Lab File: VW017675.D
Acq: 18 Dec 2020 14:46

Tgt Ion: 75 Resp: 19604
Ion Ratio Lower Upper
75 100
110 9.3 19.3 57.9#
77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 5.78 ug/l

RT: 7.952 min Scan# 992

Delta R.T. -0.121 min

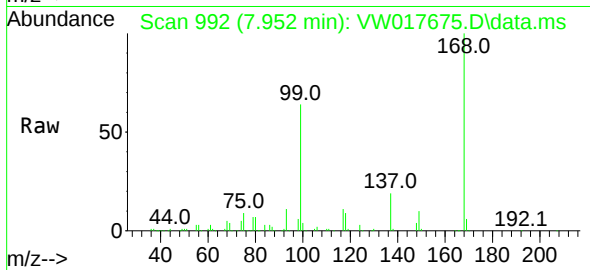
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Acq: 18 Dec 2020 14:46

Instrument :

MSVOA_W

ClientSampleId :



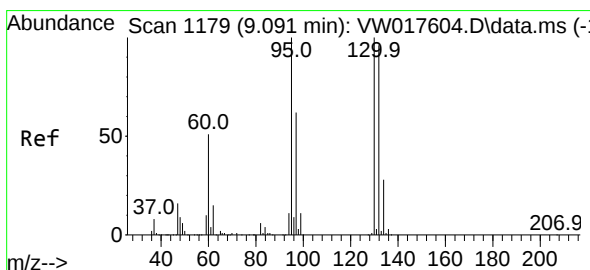
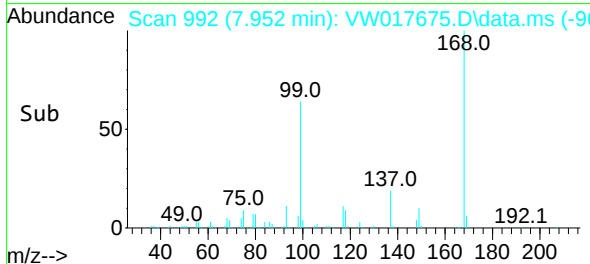
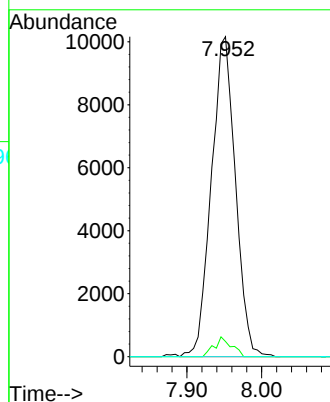
Tgt Ion:117 Resp: 22791

Ion Ratio Lower Upper

117 100

119 4.7 81.6 122.4#

121 0.0 25.7 38.5#



#44

Trichloroethene

Concen: 2.40 ug/l

RT: 9.098 min Scan# 1180

Delta R.T. 0.007 min

Lab File: VW017675.D

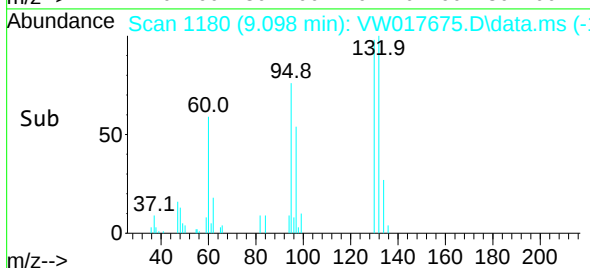
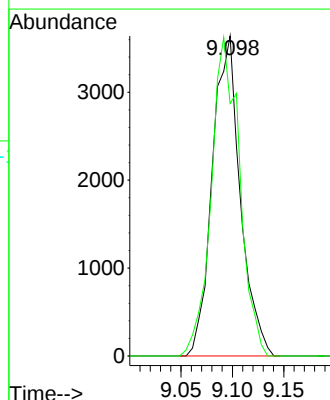
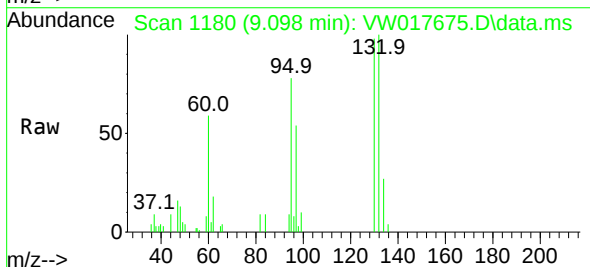
Acq: 18 Dec 2020 14:46

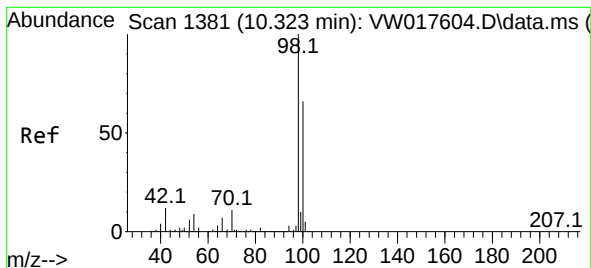
Tgt Ion:130 Resp: 6874

Ion Ratio Lower Upper

130 100

95 78.9 0.0 180.2

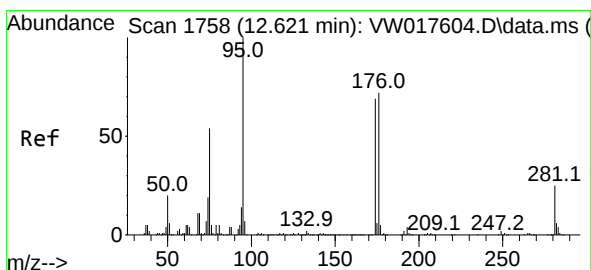
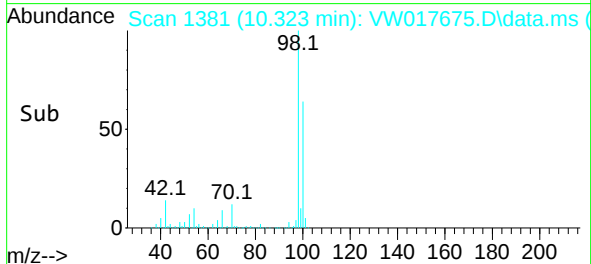
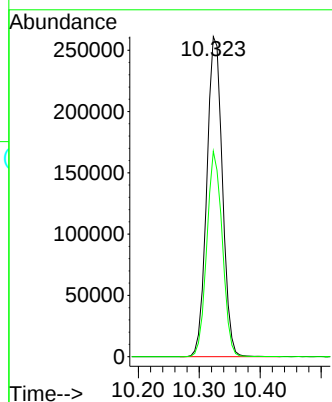
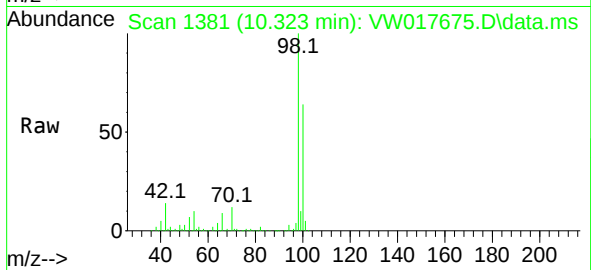




#50
Toluene-d8
Concen: 48.11 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017675.D
Acq: 18 Dec 2020 14:46

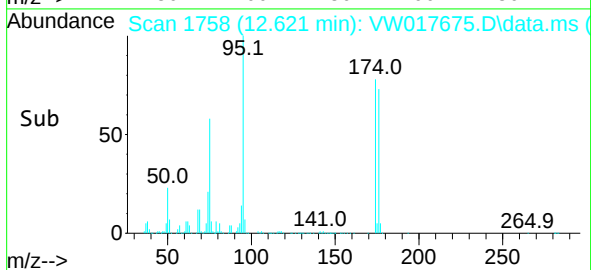
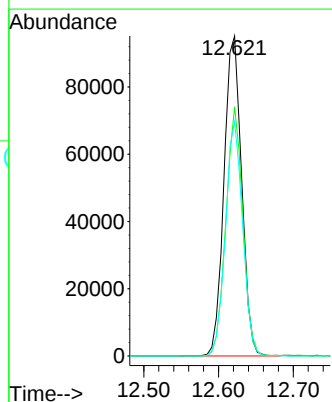
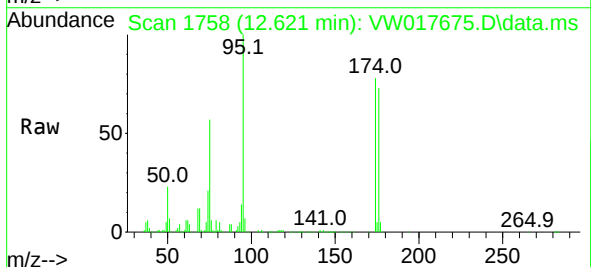
Instrument :
MSVOA_W
ClientSampleId :

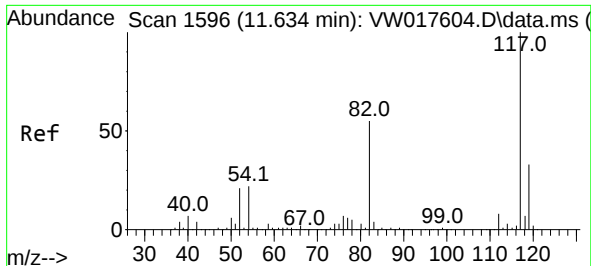
Tgt Ion: 98 Resp: 464146
Ion Ratio Lower Upper
98 100
100 63.6 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 45.32 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017675.D
Acq: 18 Dec 2020 14:46

Tgt Ion: 95 Resp: 156116
Ion Ratio Lower Upper
95 100
174 74.8 0.0 180.6
176 71.5 0.0 177.6

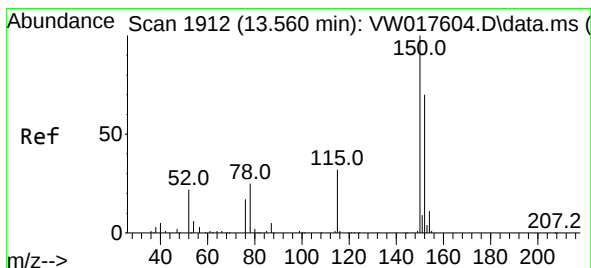
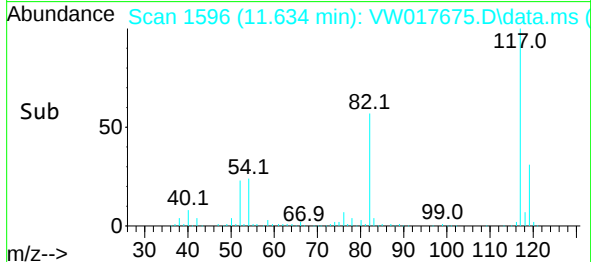
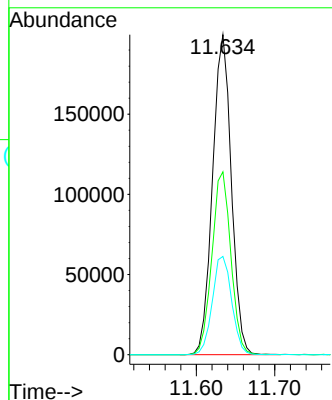
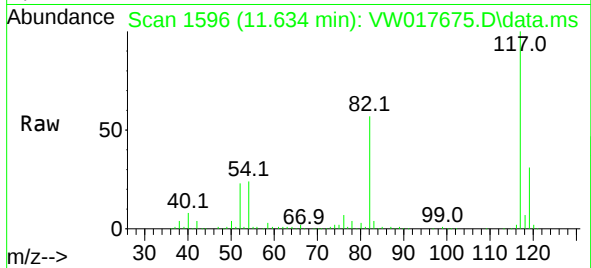




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017675.D
Acq: 18 Dec 2020 14:46

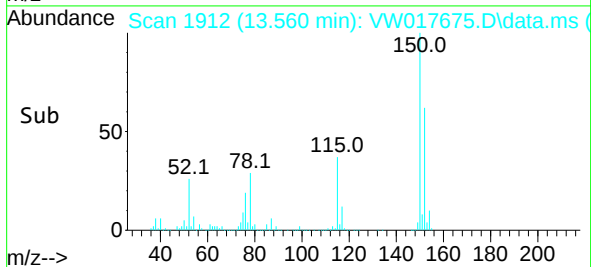
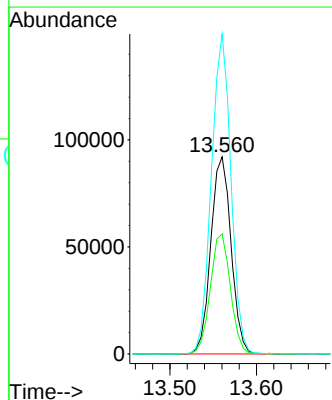
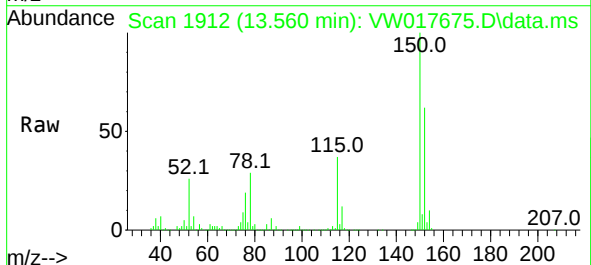
Instrument :
MSVOA_W
ClientSampleId :

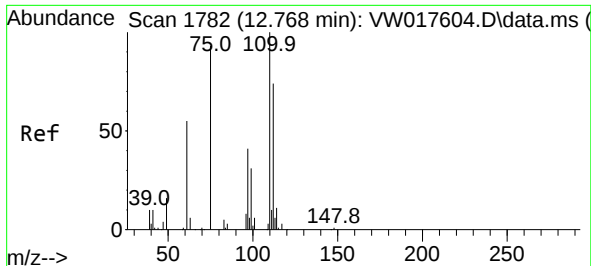
Tgt Ion:117 Resp: 332063
Ion Ratio Lower Upper
117 100
82 57.2 40.7 61.1
119 30.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017675.D
Acq: 18 Dec 2020 14:46

Tgt Ion:152 Resp: 149731
Ion Ratio Lower Upper
152 100
115 60.6 27.9 83.7
150 156.5 0.0 344.0

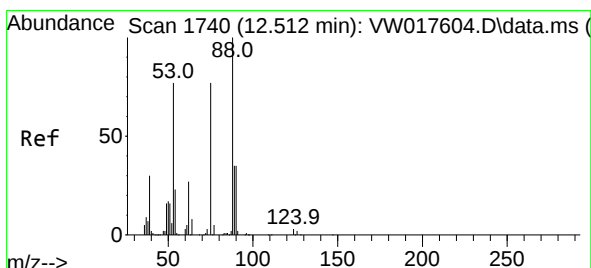
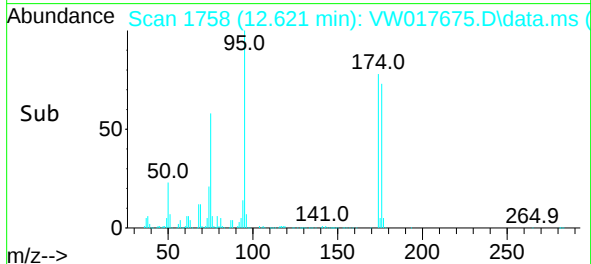
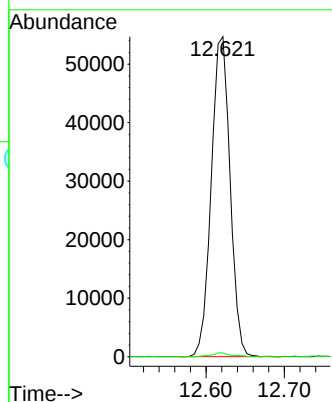
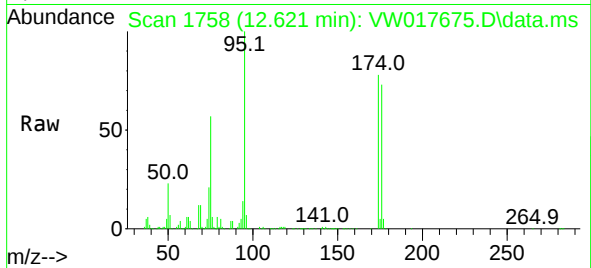




#76
1,2,3-Trichloropropane
Concen: 63.20 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW017675.D
Acq: 18 Dec 2020 14:46

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 75 Resp: 91101
Ion Ratio Lower Upper
75 100
77 1.2 178.8 536.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.06 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.109 min
Lab File: VW017675.D
Acq: 18 Dec 2020 14:46

Tgt Ion: 75 Resp: 91101
Ion Ratio Lower Upper
75 100
53 0.1 77.0 115.4#
89 0.0 38.7 58.1#

