

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121520\
 Data File : VW017634.D
 Acq On : 15 Dec 2020 15:19
 Operator : SY/VA
 Sample : L5037-01
 Misc : 5.80G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 16 02:39:15 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)

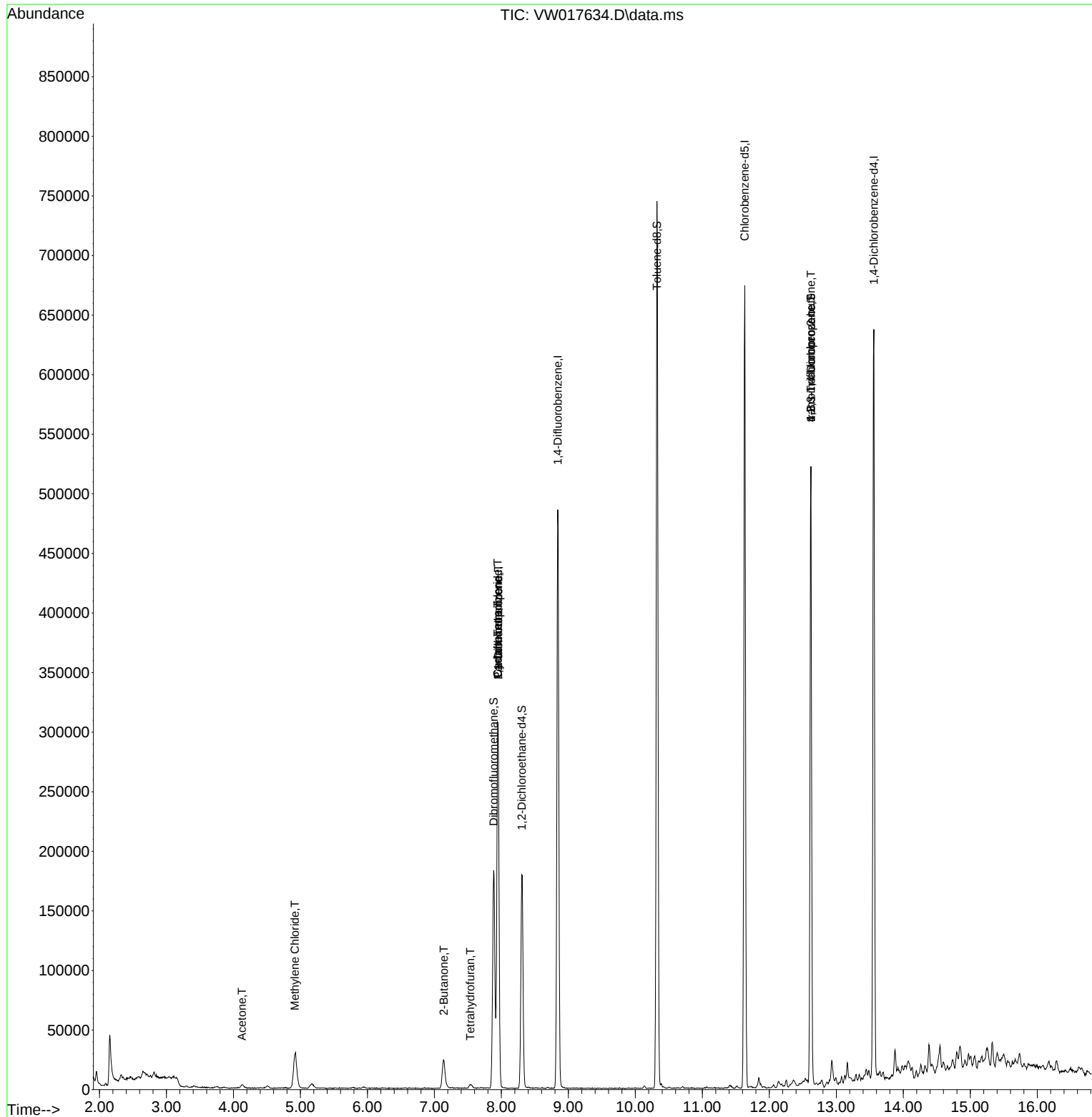
Internal Standards						
1) Pentafluorobenzene	7.951	168	222683	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	400012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	347951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	156186	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	143042	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
35) Dibromofluoromethane	7.884	113	126009	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
50) Toluene-d8	10.323	98	488993	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
62) 4-Bromofluorobenzene	12.621	95	163456	44.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.84%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.178	59	7476	Below Cal	#	73
16) Acetone	4.129	43	4710	7.98	ug/l #	88
20) Methylene Chloride	4.915	84	24246	4.52	ug/l	87
25) 2-Butanone	7.141	43	1547	1.97	ug/l #	43
26) 2,2-Dichloropropane	7.135	77	1891	Below Cal	#	50
29) Tetrahydrofuran	7.537	42	2307	5.22	ug/l #	81
31) Cyclohexane	7.945	56	6339	1.35	ug/l #	49
36) 1,1-Dichloropropene	7.951	75	20049	4.79	ug/l #	47
38) Carbon Tetrachloride	7.945	117	24111	5.73	ug/l #	13
76) 1,2,3-Trichloropropane	12.621	75	92804	61.73	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.621	75	92804	125.06	ug/l #	11

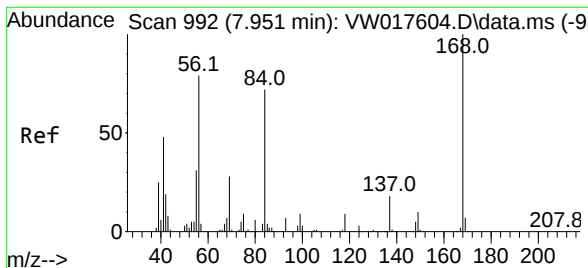
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121520\
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Quant Time: Dec 16 02:39:15 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

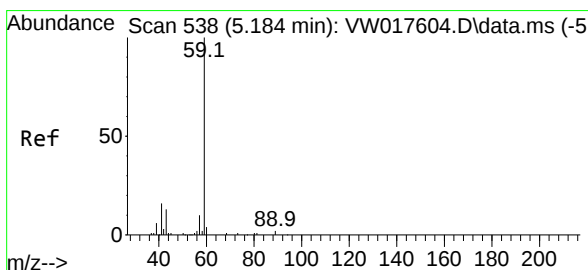
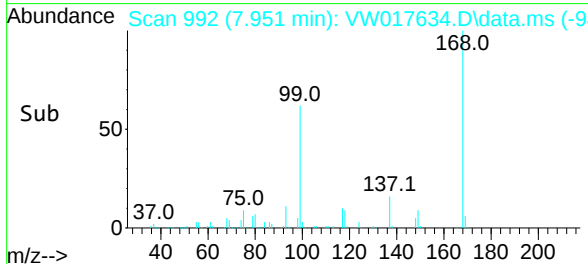
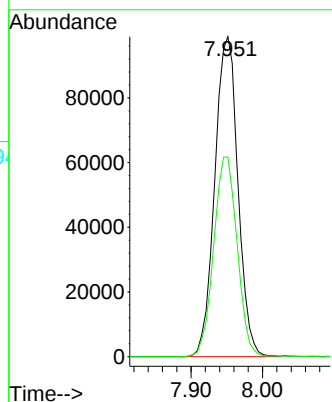
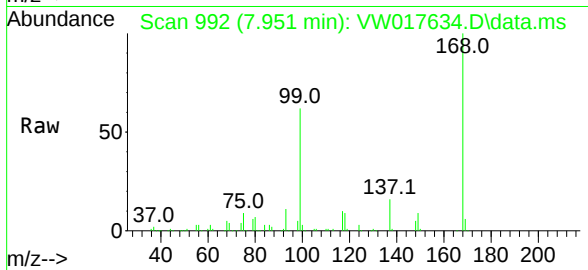




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW017634.D
Acq: 15 Dec 2020 15:19

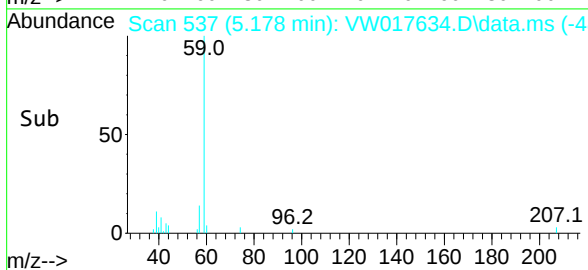
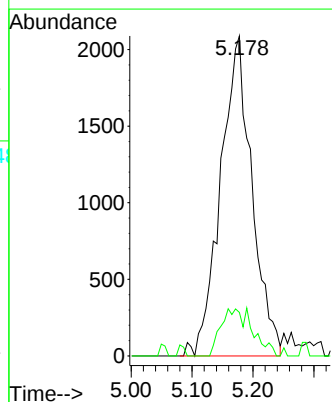
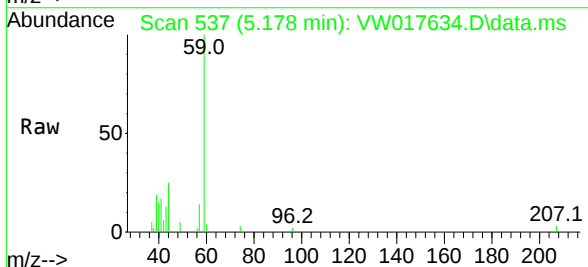
Instrument :
MSVOA_W
ClientSampleId :

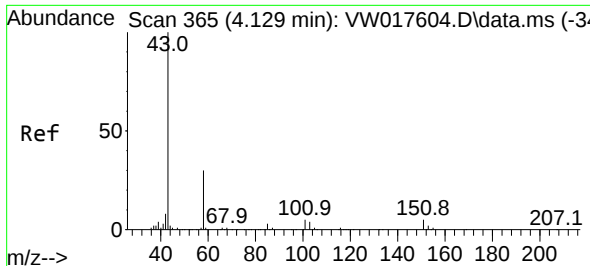
Tgt Ion:168 Resp: 222683
Ion Ratio Lower Upper
168 100
99 62.4 40.7 61.1#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.178 min Scan# 537
Delta R.T. -0.006 min
Lab File: VW017634.D
Acq: 15 Dec 2020 15:19

Tgt Ion: 59 Resp: 7476
Ion Ratio Lower Upper
59 100
57 14.9 4.7 7.1#

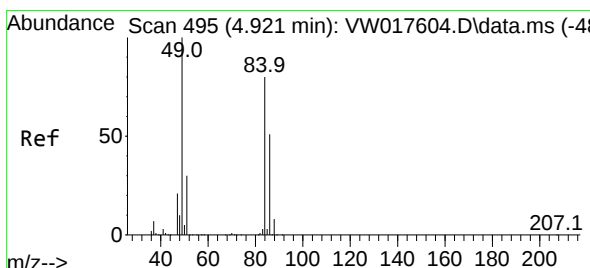
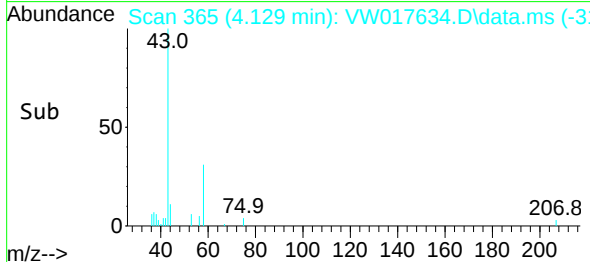
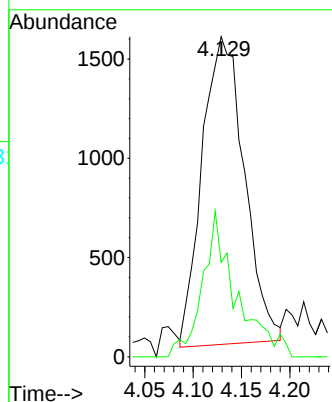
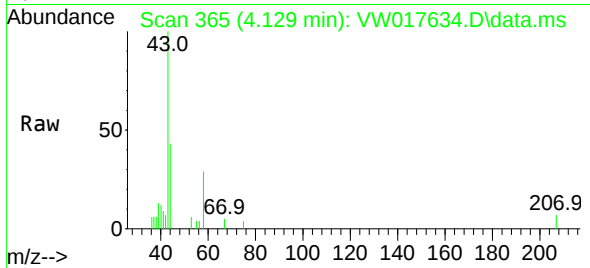




#16
Acetone
Concen: 7.98 ug/l
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW017634.D
Acq: 15 Dec 2020 15:19

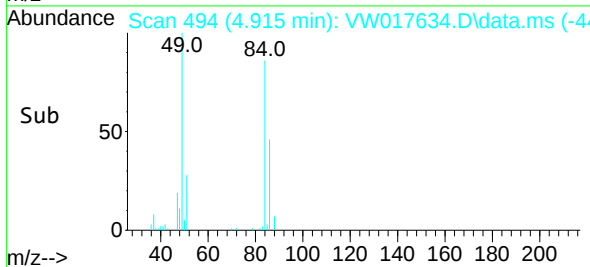
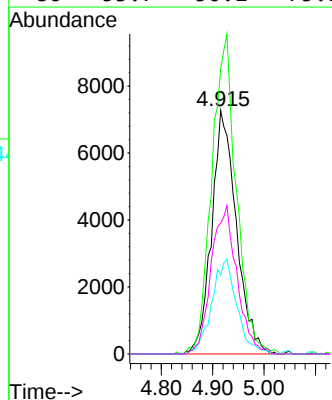
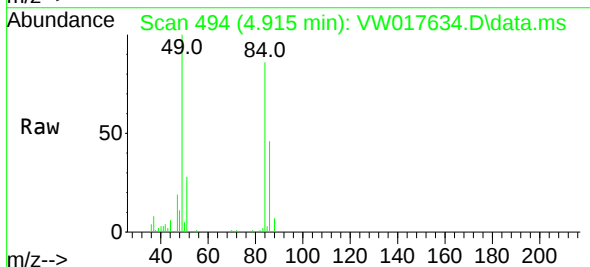
Instrument :
MSVOA_W
ClientSampleId :

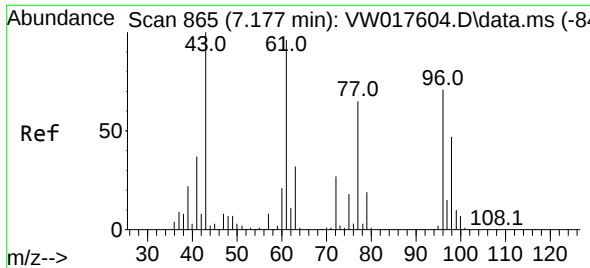
Tgt Ion: 43 Resp: 4710
Ion Ratio Lower Upper
43 100
58 25.4 25.7 38.5#



#20
Methylene Chloride
Concen: 4.52 ug/l
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW017634.D
Acq: 15 Dec 2020 15:19

Tgt Ion: 84 Resp: 24246
Ion Ratio Lower Upper
84 100
49 116.9 79.0 118.6
51 32.5 26.1 39.1
86 53.7 50.1 75.1

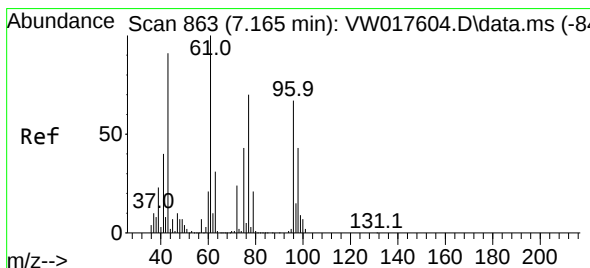
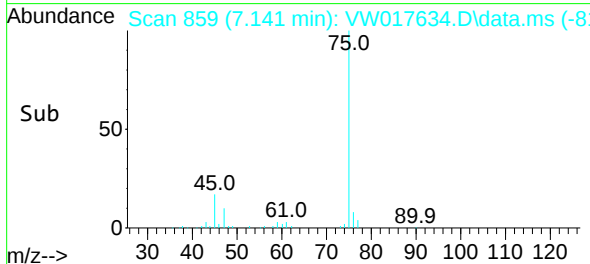
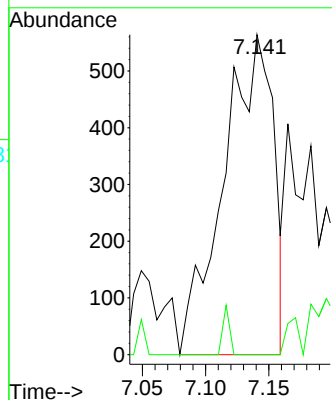
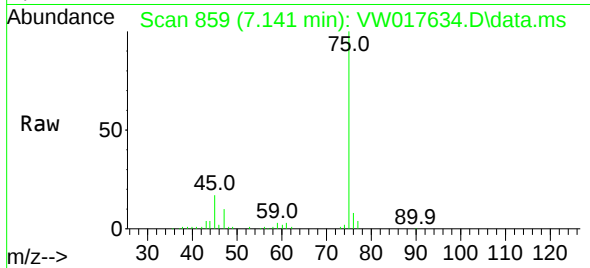




#25
2-Butanone
Concen: 1.97 ug/l
RT: 7.141 min Scan# 859
Delta R.T. -0.036 min
Lab File: VW017634.D
Acq: 15 Dec 2020 15:19

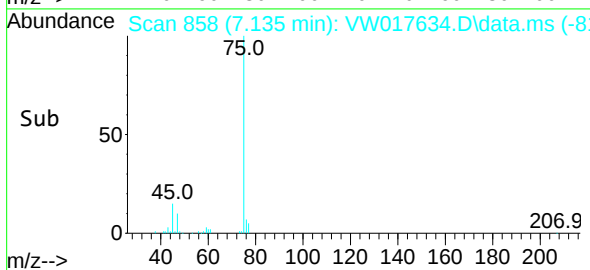
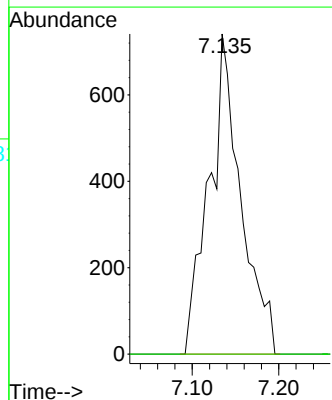
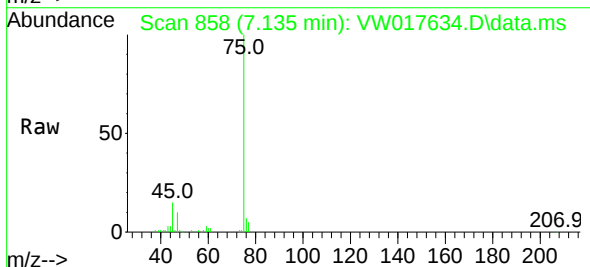
Instrument :
MSVOA_W
ClientSampled :

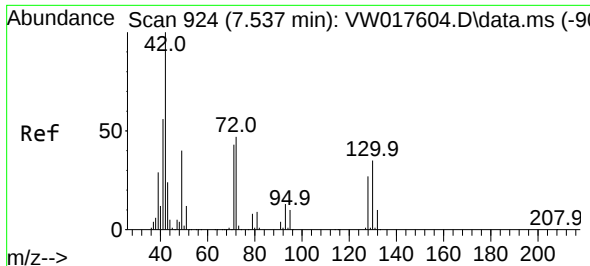
Tgt Ion: 43 Resp: 1547
Ion Ratio Lower Upper
43 100
72 0.0 25.4 38.2#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.135 min Scan# 858
Delta R.T. -0.030 min
Lab File: VW017634.D
Acq: 15 Dec 2020 15:19

Tgt Ion: 77 Resp: 1891
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#





#29

Tetrahydrofuran

Concen: 5.22 ug/l

RT: 7.537 min Scan# 924

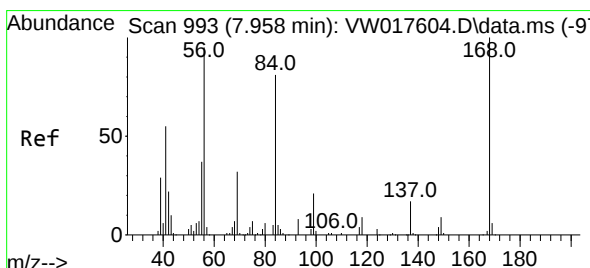
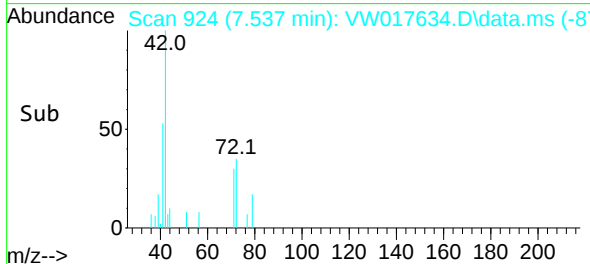
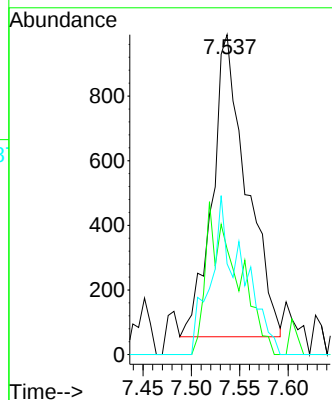
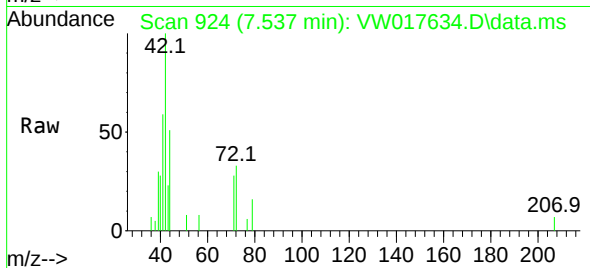
Delta R.T. -0.000 min

Lab File: VW017634.D

Acq: 15 Dec 2020 15:19

Tgt Ion:	42	Resp:	2307
Ion	Ratio	Lower	Upper
42	100		
72	45.7	42.0	63.0
71	28.9	39.0	58.6#

Instrument :
MSVOA_W
ClientSampleId :



#31

Cyclohexane

Concen: 1.35 ug/l

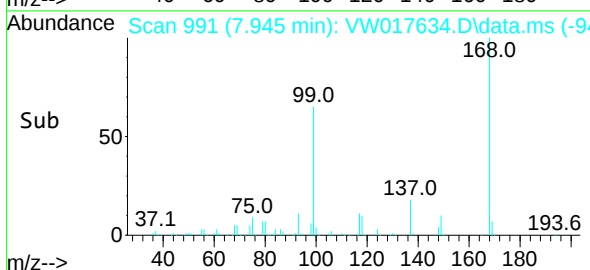
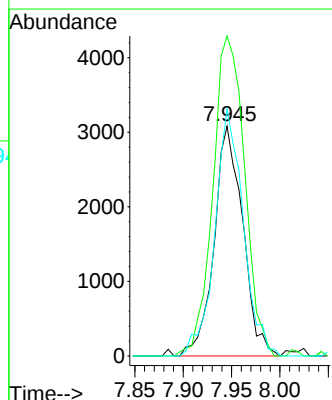
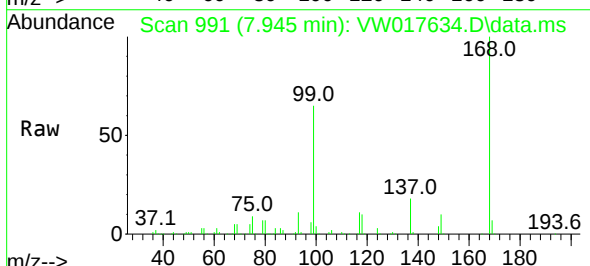
RT: 7.945 min Scan# 991

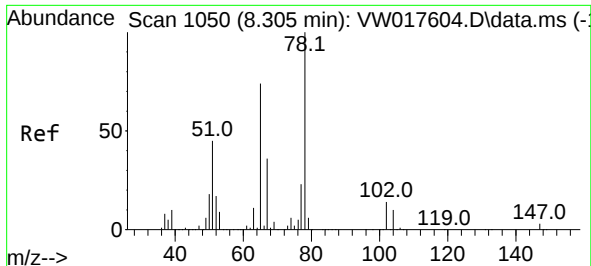
Delta R.T. -0.013 min

Lab File: VW017634.D

Acq: 15 Dec 2020 15:19

Tgt Ion:	56	Resp:	6339
Ion	Ratio	Lower	Upper
56	100		
69	139.3	29.3	43.9#
84	107.4	80.5	120.7

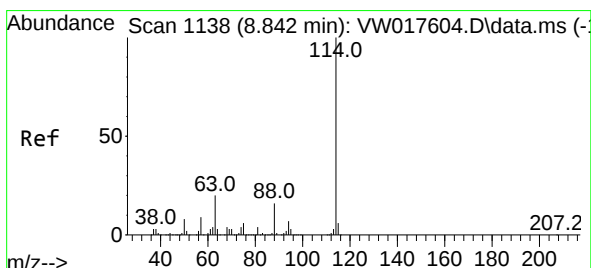
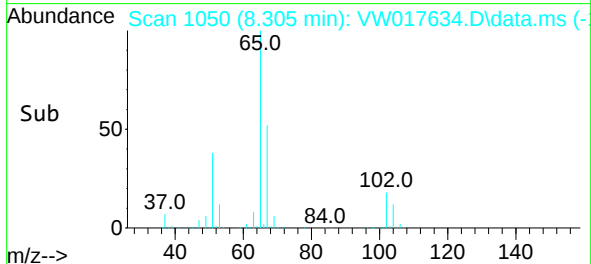
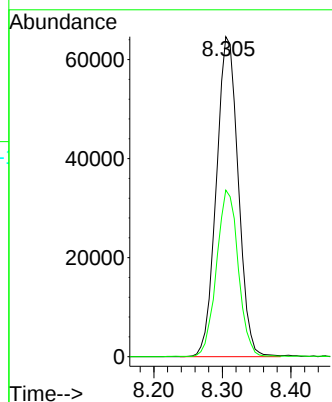
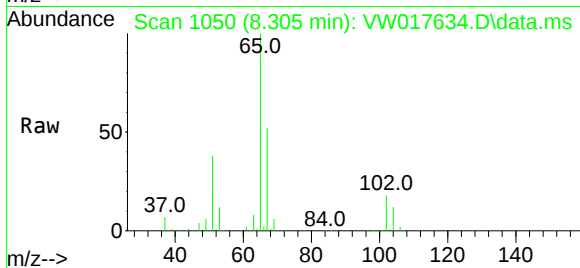




#33
1,2-Dichloroethane-d4
Concen: 52.73 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017634.D
Acq: 15 Dec 2020 15:19

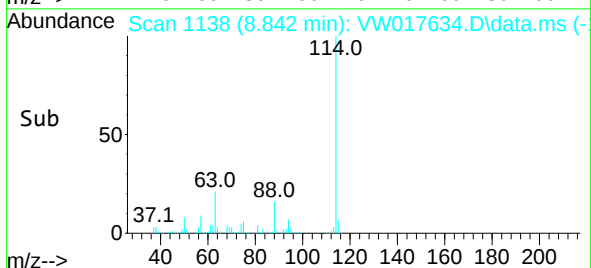
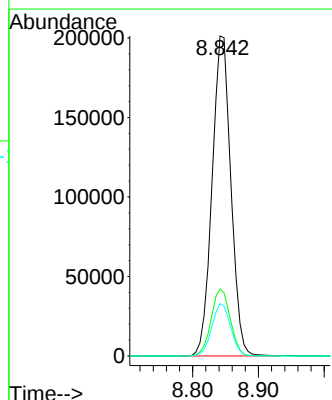
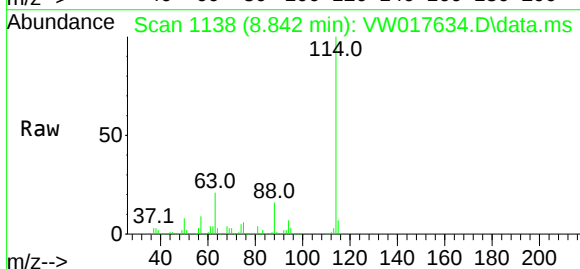
Instrument :
MSVOA_W
ClientSampleId :

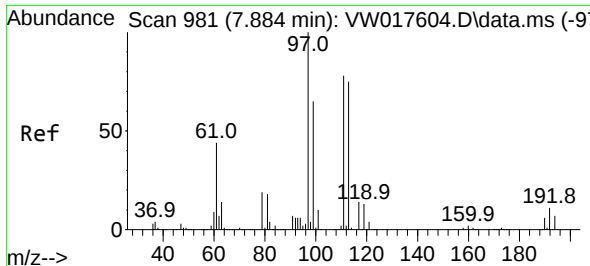
Tgt Ion: 65 Resp: 143042
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017634.D
Acq: 15 Dec 2020 15:19

Tgt Ion: 114 Resp: 400012
Ion Ratio Lower Upper
114 100
63 20.9 0.0 35.6
88 16.4 0.0 30.4

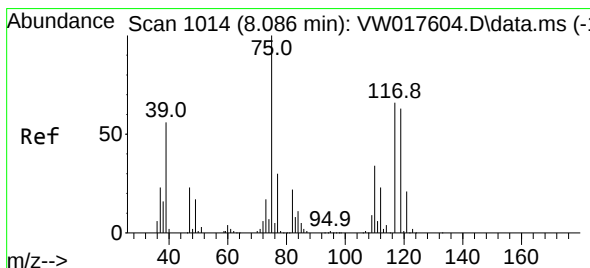
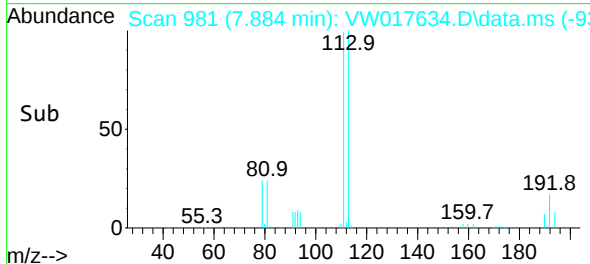
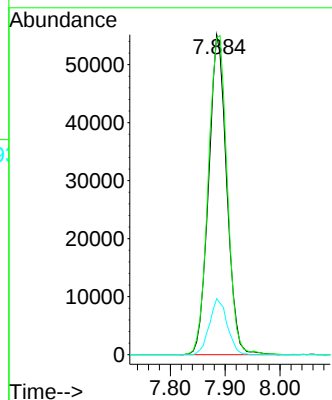
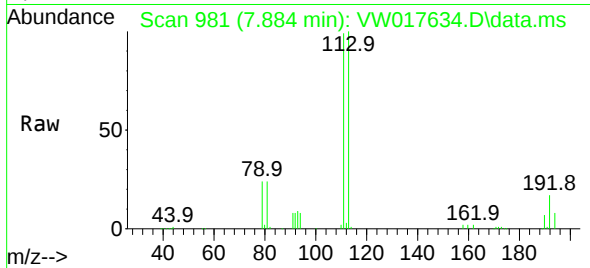




#35
Dibromofluoromethane
Concen: 47.60 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017634.D
Acq: 15 Dec 2020 15:19

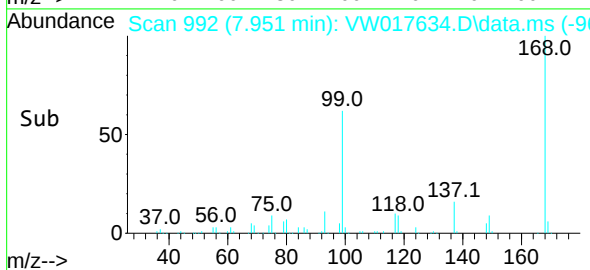
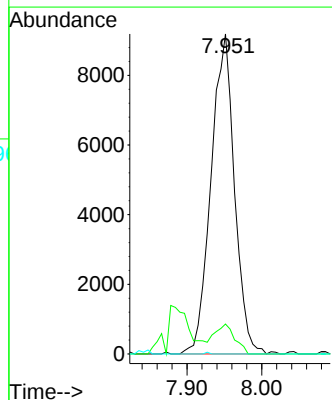
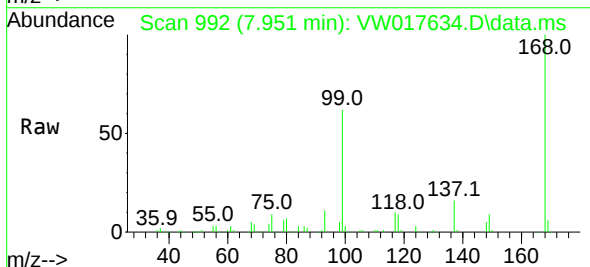
Instrument :
MSVOA_W
ClientSampleId :

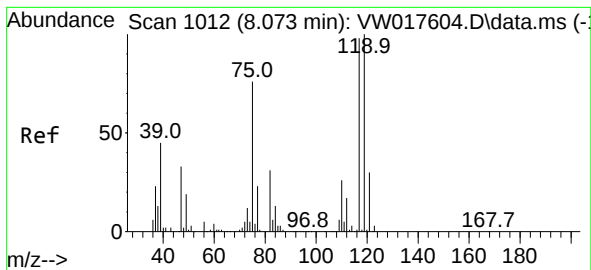
Tgt Ion:113 Resp: 126009
Ion Ratio Lower Upper
113 100
111 104.5 81.4 122.2
192 17.2 17.8 26.8#



#36
1,1-Dichloropropene
Concen: 4.79 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.135 min
Lab File: VW017634.D
Acq: 15 Dec 2020 15:19

Tgt Ion: 75 Resp: 20049
Ion Ratio Lower Upper
75 100
110 8.1 19.3 57.9#
77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 5.73 ug/l

RT: 7.945 min Scan# 991

Delta R.T. -0.128 min

Lab File: VW017634.D

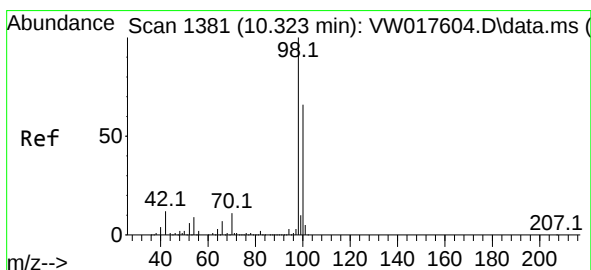
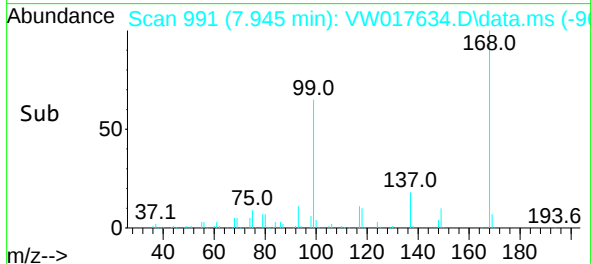
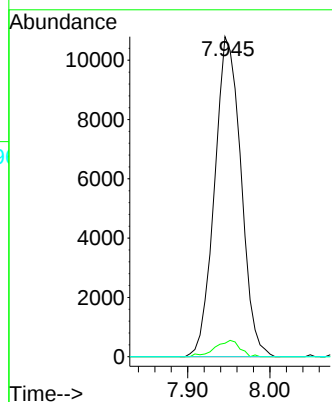
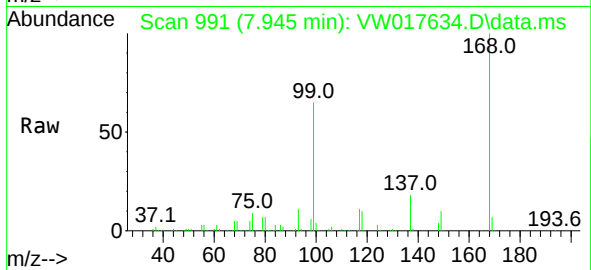
Acq: 15 Dec 2020 15:19

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:117	Resp:	24111
Ion Ratio	Lower	Upper
117	100	
119	4.2	81.6 122.4#
121	0.0	25.7 38.5#



#50

Toluene-d8

Concen: 47.45 ug/l

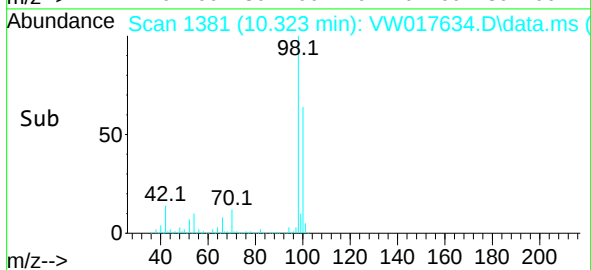
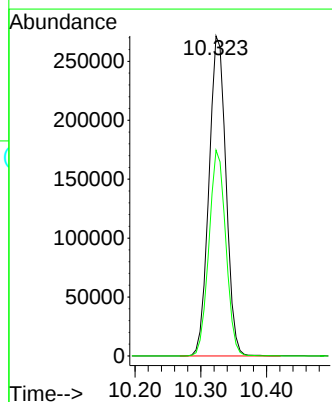
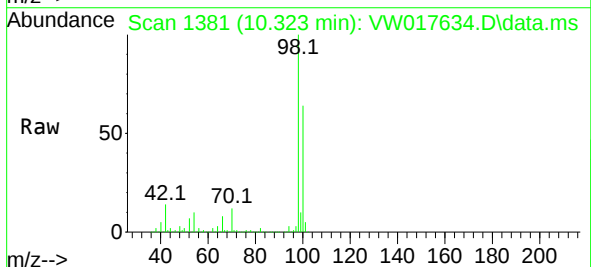
RT: 10.323 min Scan# 1381

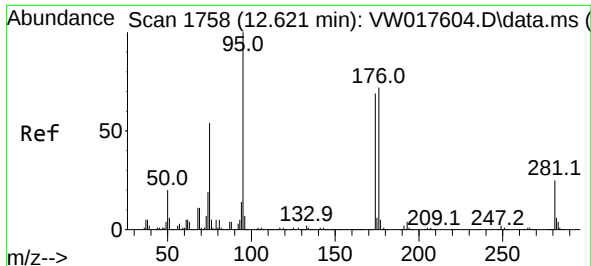
Delta R.T. -0.000 min

Lab File: VW017634.D

Acq: 15 Dec 2020 15:19

Tgt Ion: 98	Resp:	488993
Ion Ratio	Lower	Upper
98	100	
100	63.8	53.3 79.9

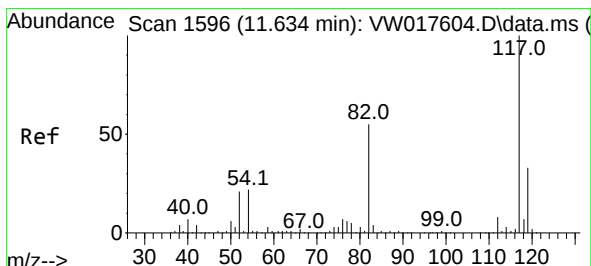
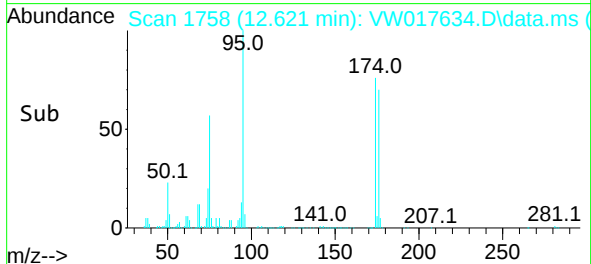
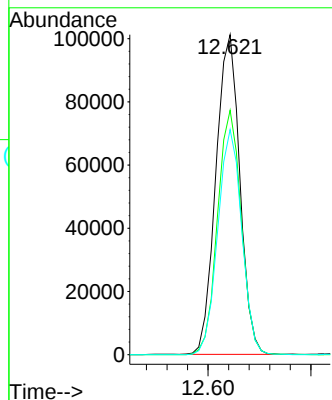
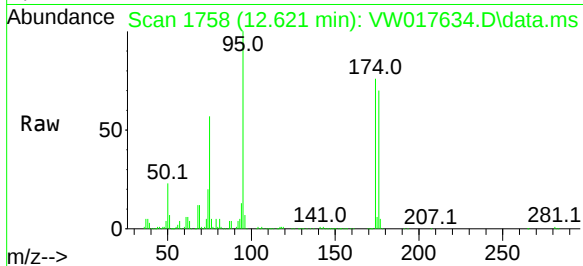




#62
4-Bromofluorobenzene
Concen: 44.42 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017634.D
Acq: 15 Dec 2020 15:19

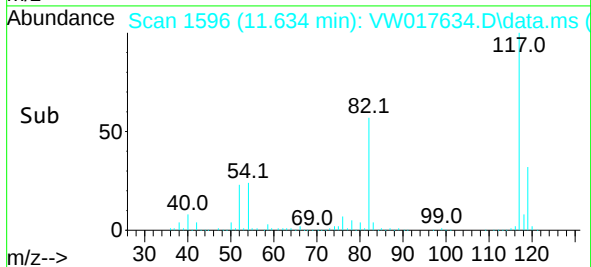
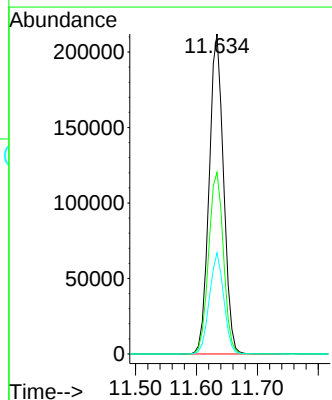
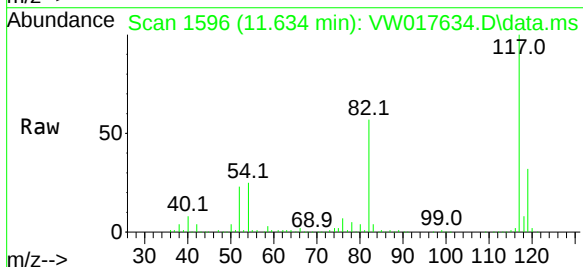
Instrument :
MSVOA_W
ClientSampleId :

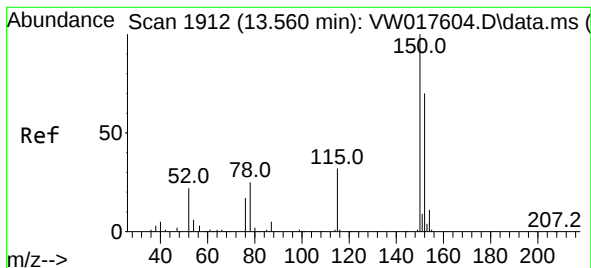
Tgt Ion: 95 Resp: 163456
Ion Ratio Lower Upper
95 100
174 75.7 0.0 180.6
176 70.3 0.0 177.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017634.D
Acq: 15 Dec 2020 15:19

Tgt Ion: 117 Resp: 347951
Ion Ratio Lower Upper
117 100
82 56.7 40.7 61.1
119 31.6 25.0 37.4

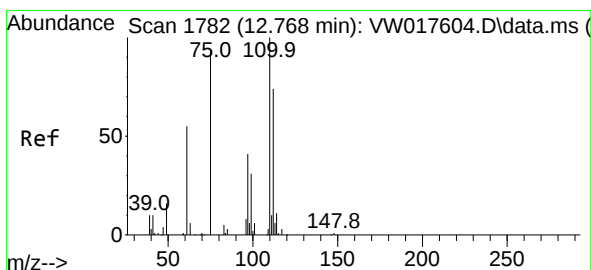
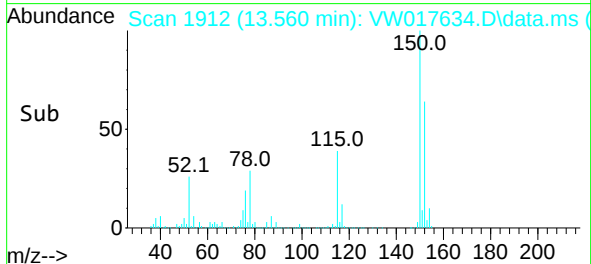
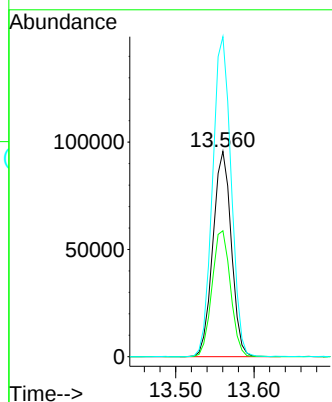
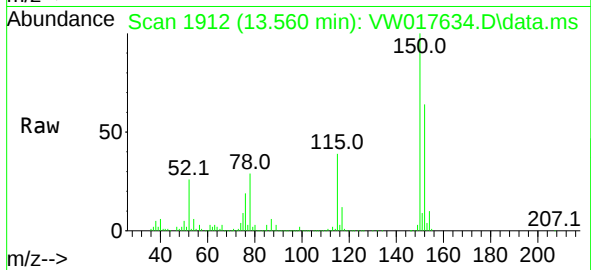




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017634.D
Acq: 15 Dec 2020 15:19

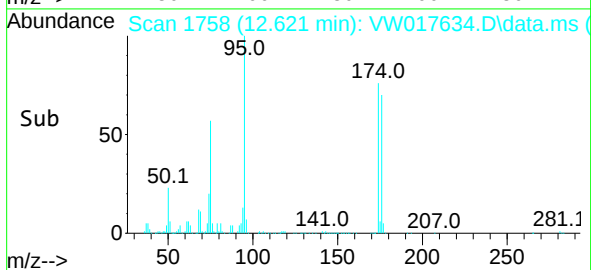
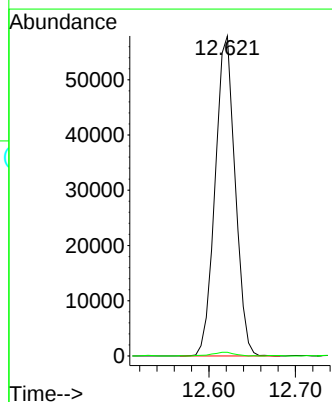
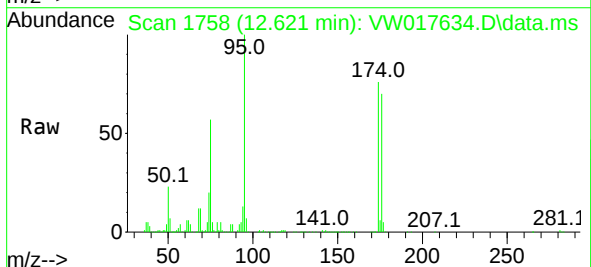
Instrument :
MSVOA_W
ClientSampled :

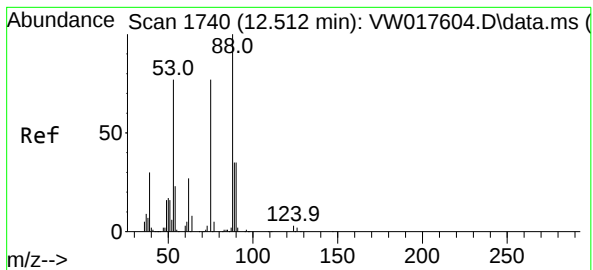
Tgt Ion:152 Resp: 156186
Ion Ratio Lower Upper
152 100
115 61.7 27.9 83.7
150 157.1 0.0 344.0



#76
1,2,3-Trichloropropane
Concen: 61.73 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW017634.D
Acq: 15 Dec 2020 15:19

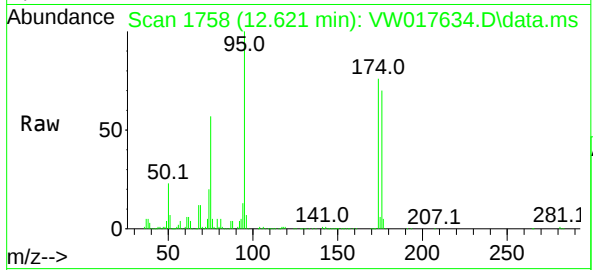
Tgt Ion: 75 Resp: 92804
Ion Ratio Lower Upper
75 100
77 1.3 178.8 536.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.06 ug/l
 RT: 12.621 min Scan# 1758
 Delta R.T. 0.109 min
 Lab File: VW017634.D
 Acq: 15 Dec 2020 15:19

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	75	Resp:	92804
Ion	Ratio	Lower	Upper
75	100		
53	0.3	77.0	115.4#
89	0.0	38.7	58.1#

