

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121520\
 Data File : VW017633.D
 Acq On : 15 Dec 2020 14:53
 Operator : SY/VA
 Sample : L5016-01
 Misc : 5.39G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 16 02:38:57 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)

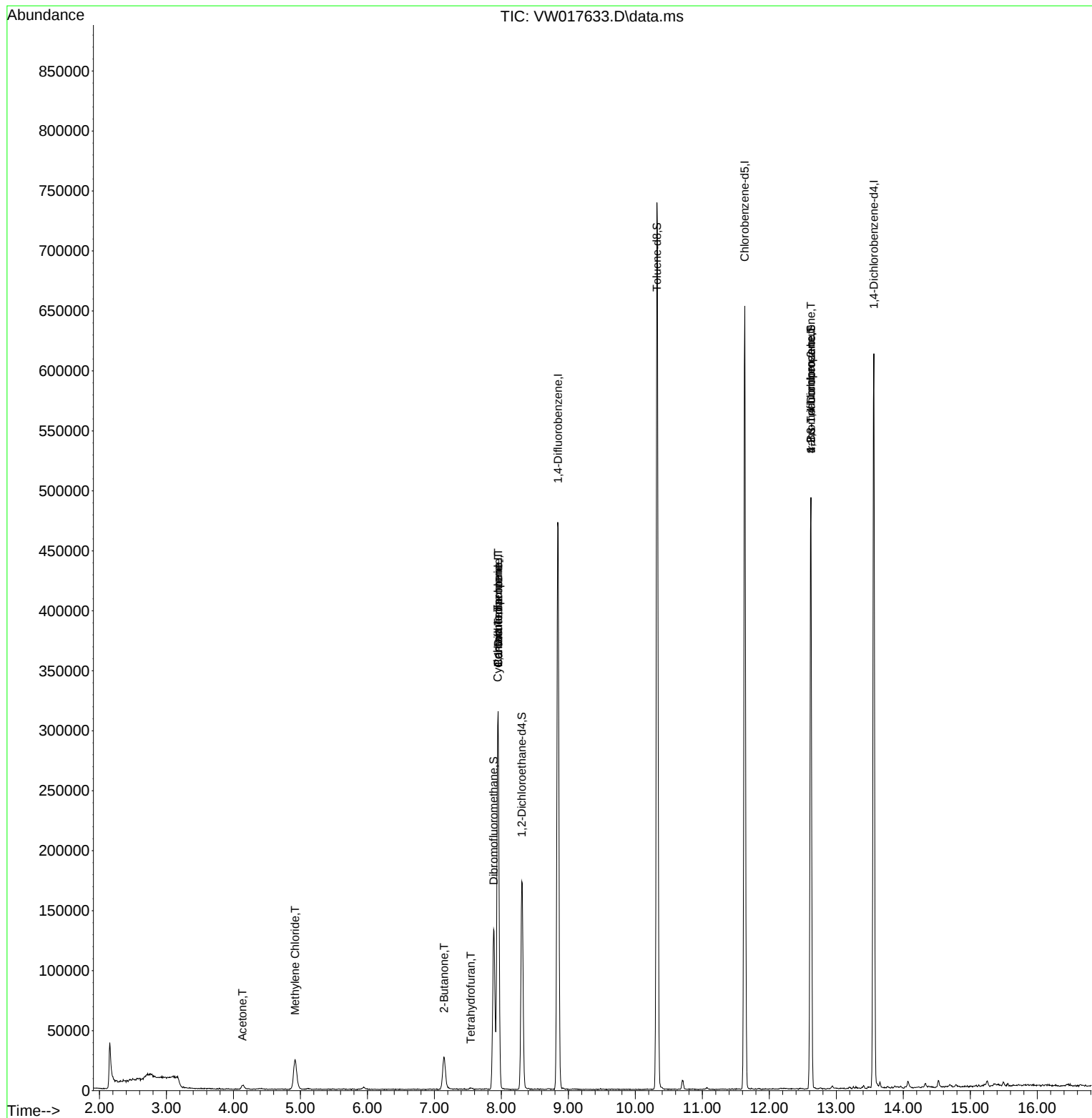
Internal Standards						
1) Pentafluorobenzene	7.951	168	219873	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.848	114	396012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	341859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	144712	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	140390	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
35) Dibromofluoromethane	7.884	113	92820	35.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.84%	
50) Toluene-d8	10.323	98	482367	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
62) 4-Bromofluorobenzene	12.621	95	156694	43.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.02%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.202	59	52	Below Cal	#	82
16) Acetone	4.135	43	7227	12.40	ug/l #	77
20) Methylene Chloride	4.921	84	19510	2.50	ug/l #	85
25) 2-Butanone	7.147	43	1194	1.54	ug/l #	61
26) 2,2-Dichloropropane	7.141	77	2142	Below Cal	#	50
29) Tetrahydrofuran	7.543	42	1321	3.03	ug/l #	63
31) Cyclohexane	7.945	56	6435	1.39	ug/l #	50
36) 1,1-Dichloropropene	7.951	75	20455	4.93	ug/l #	49
38) Carbon Tetrachloride	7.951	117	23824	5.72	ug/l #	13
76) 1,2,3-Trichloropropane	12.621	75	89112	63.97	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.621	75	89112	129.61	ug/l #	11

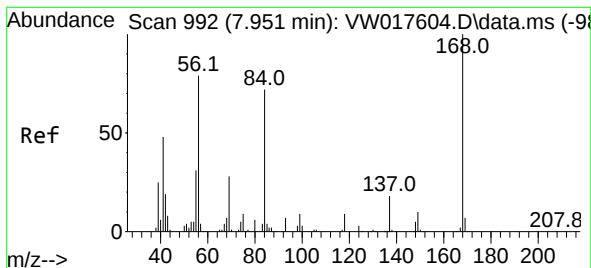
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 16 02:38:57 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

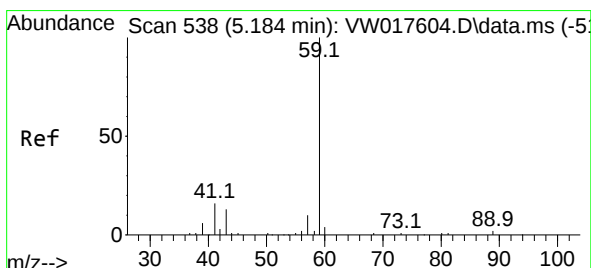
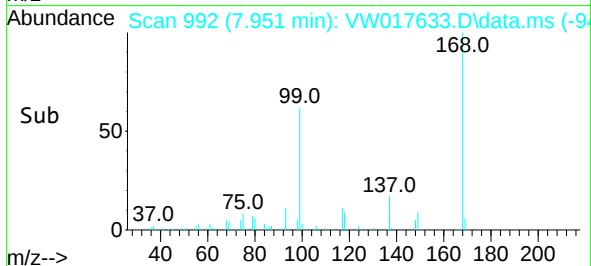
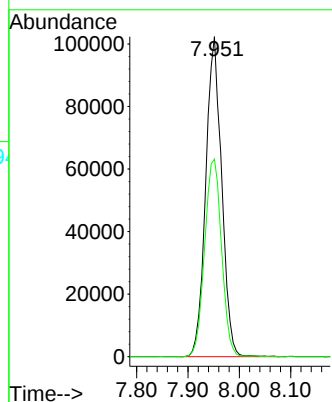
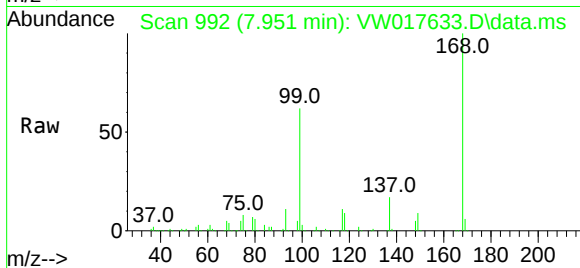




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW017633.D
Acq: 15 Dec 2020 14:53

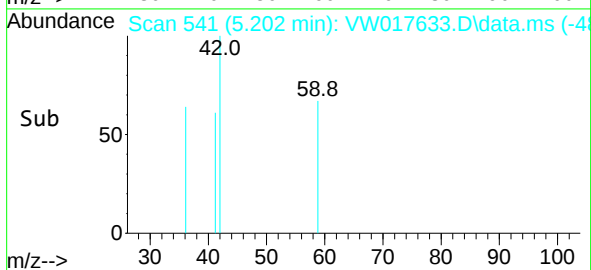
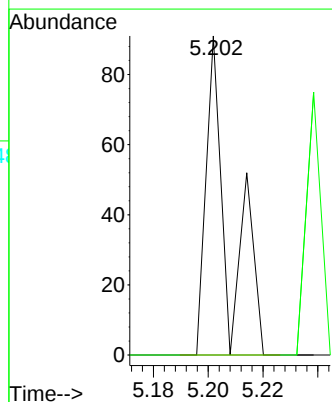
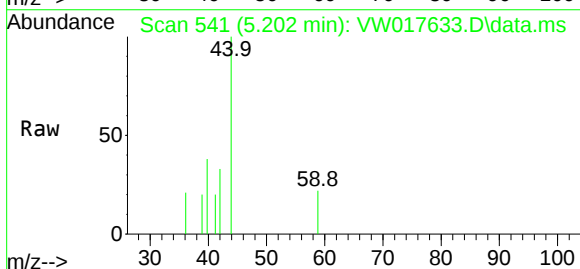
Instrument :
MSVOA_W
ClientSampleId :

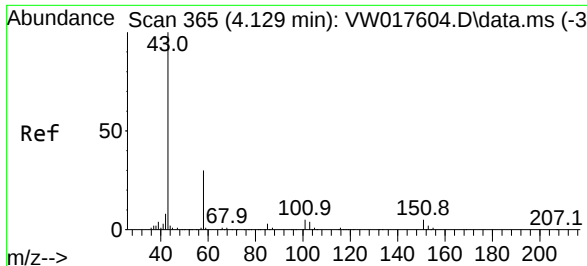
Tgt Ion:168 Resp: 219873
Ion Ratio Lower Upper
168 100
99 61.8 40.7 61.1#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.202 min Scan# 541
Delta R.T. 0.018 min
Lab File: VW017633.D
Acq: 15 Dec 2020 14:53

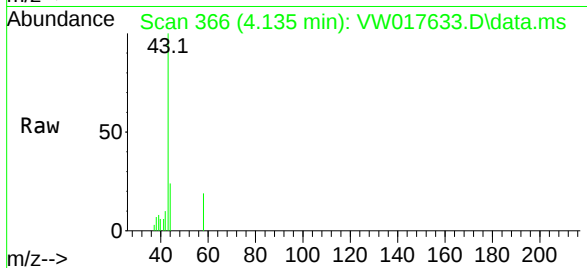
Tgt Ion: 59 Resp: 52
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#



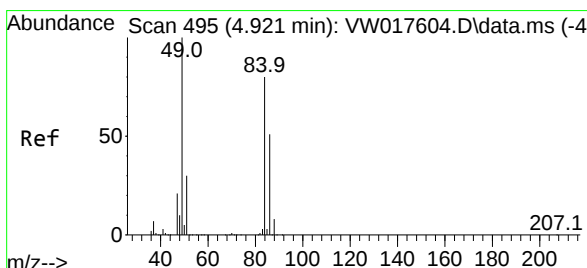
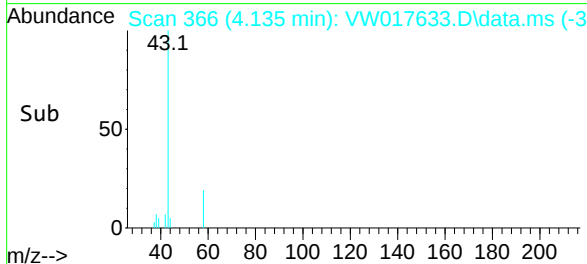
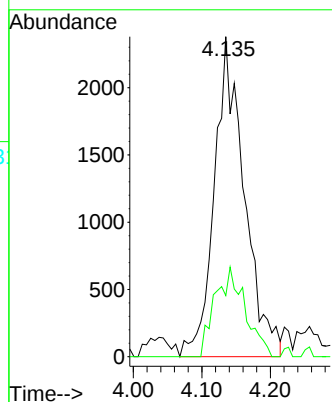


#16
Acetone
Concen: 12.40 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW017633.D
Acq: 15 Dec 2020 14:53

Instrument :
MSVOA_W
ClientSampled :

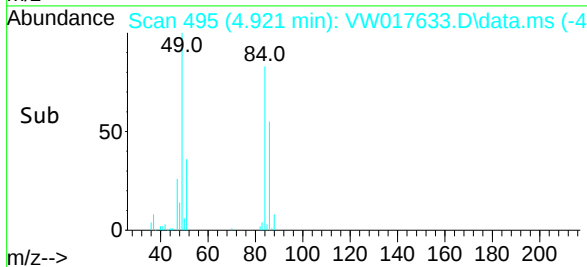
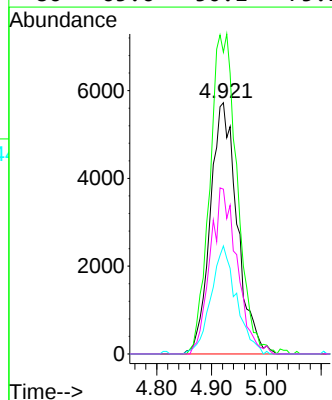
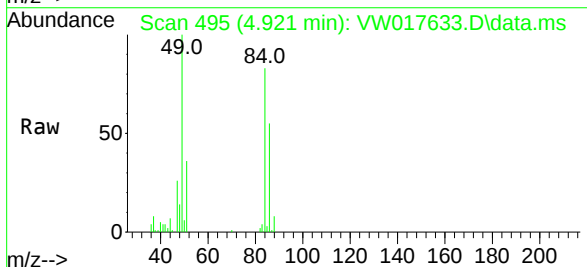


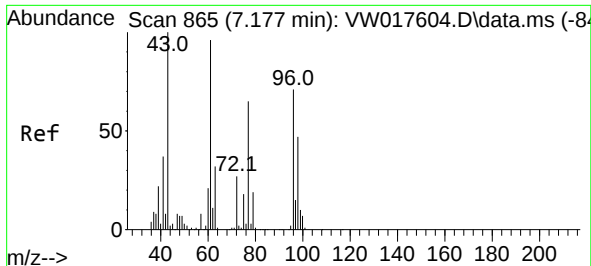
Tgt Ion: 43 Resp: 7227
Ion Ratio Lower Upper
43 100
58 19.1 25.7 38.5#



#20
Methylene Chloride
Concen: 2.50 ug/l
RT: 4.921 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW017633.D
Acq: 15 Dec 2020 14:53

Tgt Ion: 84 Resp: 19510
Ion Ratio Lower Upper
84 100
49 120.1 79.0 118.6#
51 43.0 26.1 39.1#
86 65.6 50.1 75.1

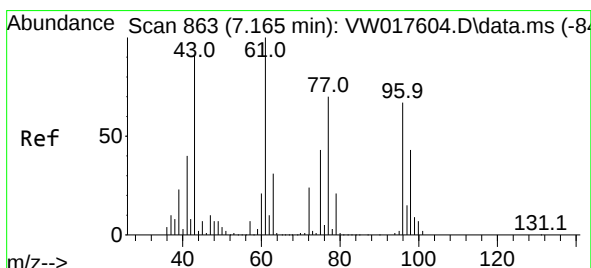
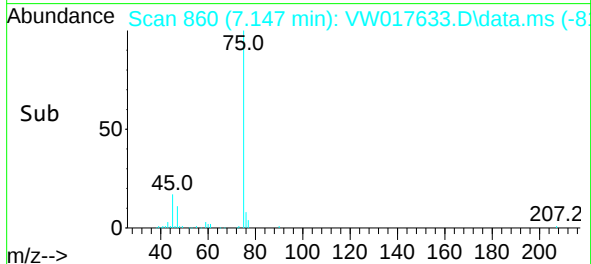
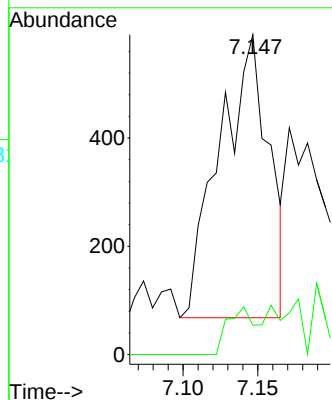
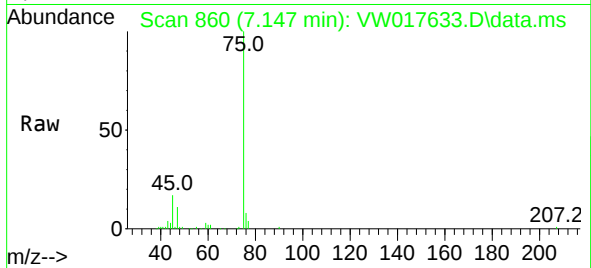




#25
2-Butanone
Concen: 1.54 ug/l
RT: 7.147 min Scan# 860
Delta R.T. -0.030 min
Lab File: VW017633.D
Acq: 15 Dec 2020 14:53

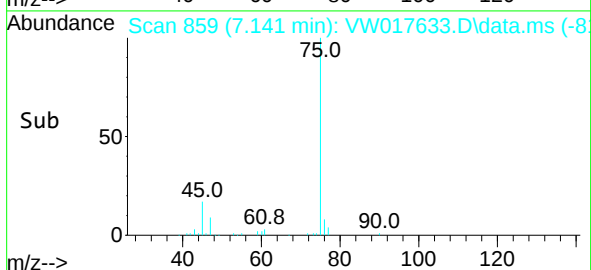
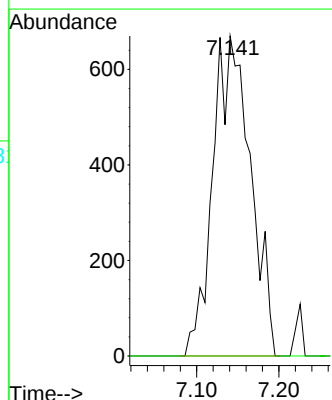
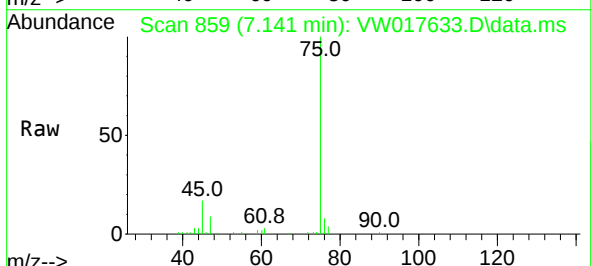
Instrument :
MSVOA_W
ClientSampled :

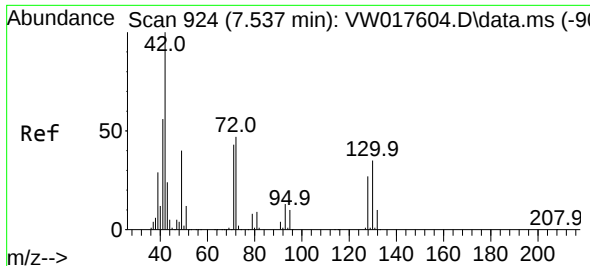
Tgt Ion: 43 Resp: 1194
Ion Ratio Lower Upper
43 100
72 10.3 25.4 38.2#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.141 min Scan# 859
Delta R.T. -0.024 min
Lab File: VW017633.D
Acq: 15 Dec 2020 14:53

Tgt Ion: 77 Resp: 2142
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#





#29

Tetrahydrofuran

Concen: 3.03 ug/l

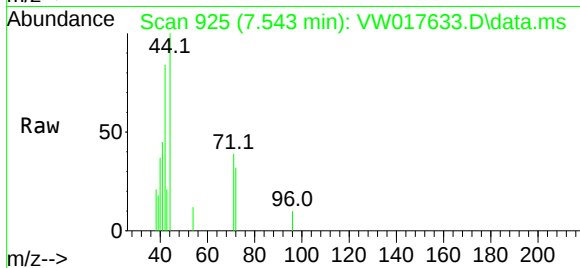
RT: 7.543 min Scan# 925

Delta R.T. 0.006 min

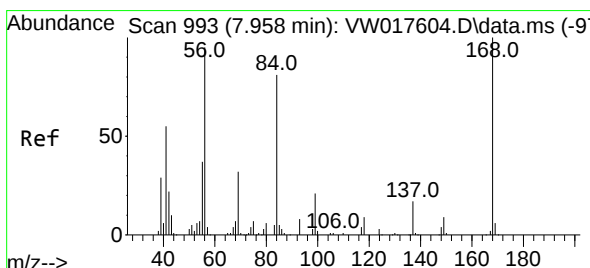
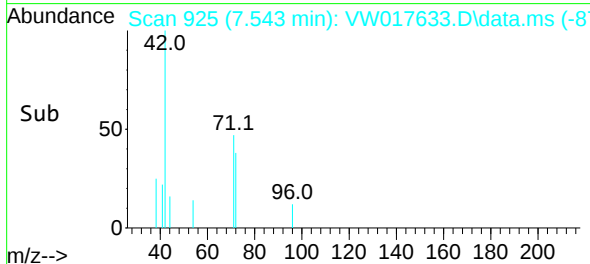
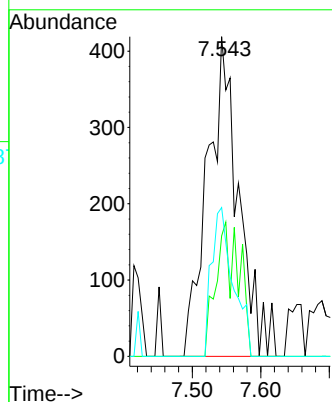
Lab File: VW017633.D

Acq: 15 Dec 2020 14:53

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	42	Resp:	1321
Ion	Ratio	Lower	Upper
42	100		
72	18.4	42.0	63.0#
71	32.4	39.0	58.6#



#31

Cyclohexane

Concen: 1.39 ug/l

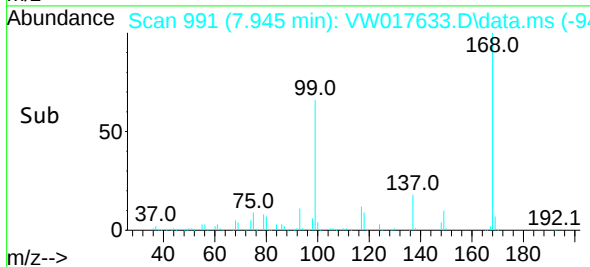
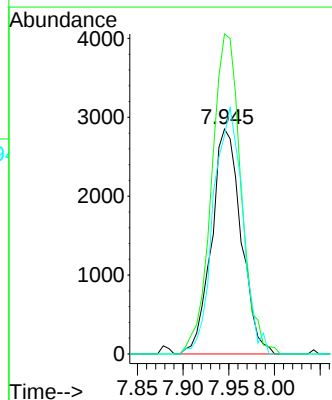
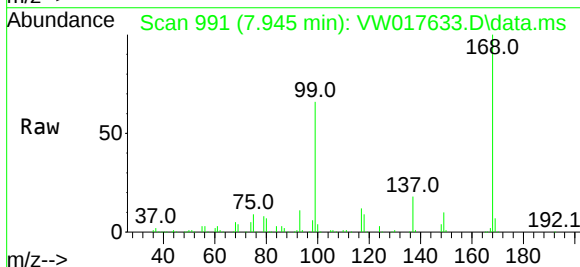
RT: 7.945 min Scan# 991

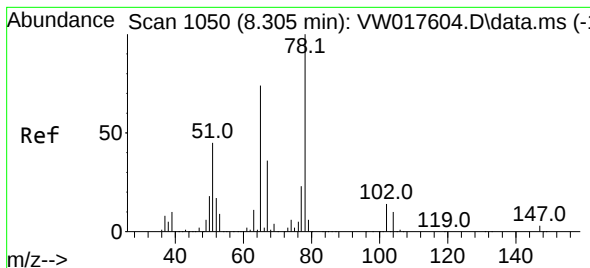
Delta R.T. -0.013 min

Lab File: VW017633.D

Acq: 15 Dec 2020 14:53

Tgt Ion:	56	Resp:	6435
Ion	Ratio	Lower	Upper
56	100		
69	142.3	29.3	43.9#
84	97.2	80.5	120.7

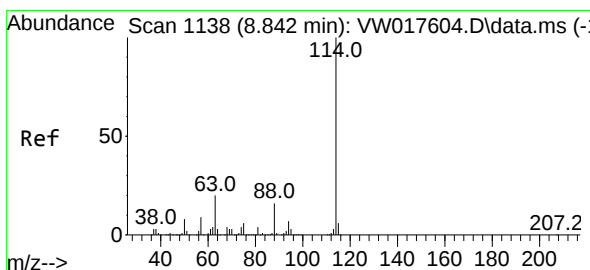
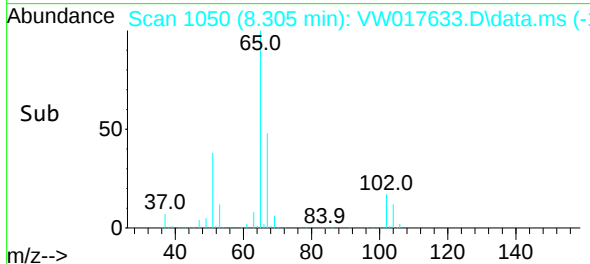
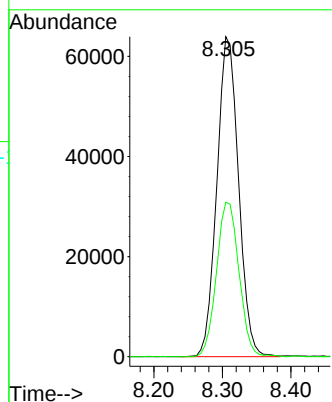
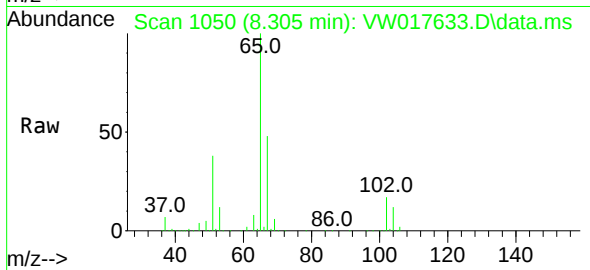




#33
 1,2-Dichloroethane-d4
 Concen: 52.42 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. -0.000 min
 Lab File: VW017633.D
 Acq: 15 Dec 2020 14:53

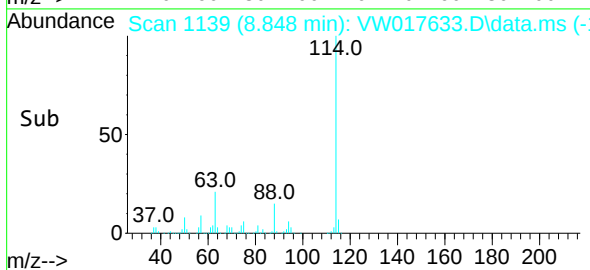
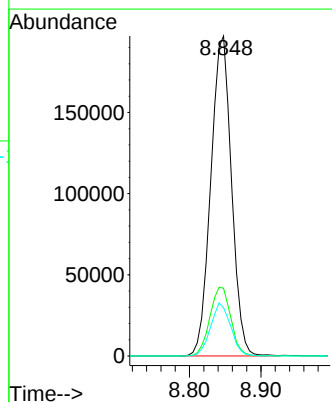
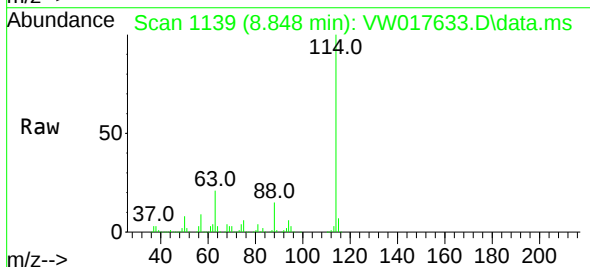
Instrument :
 MSVOA_W
 ClientSampleId :

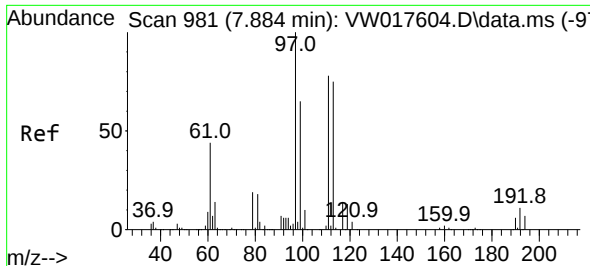
Tgt Ion: 65 Resp: 140390
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.848 min Scan# 1139
 Delta R.T. 0.006 min
 Lab File: VW017633.D
 Acq: 15 Dec 2020 14:53

Tgt Ion: 114 Resp: 396012
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 35.6
 88 15.1 0.0 30.4

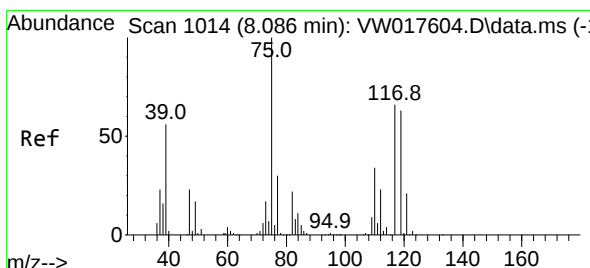
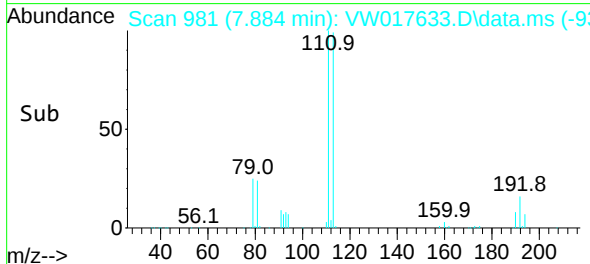
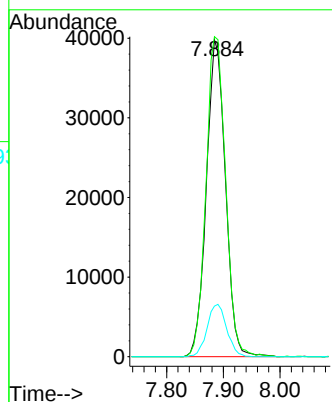
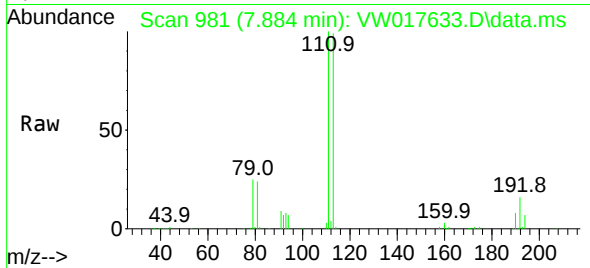




#35
Dibromofluoromethane
Concen: 35.42 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017633.D
Acq: 15 Dec 2020 14:53

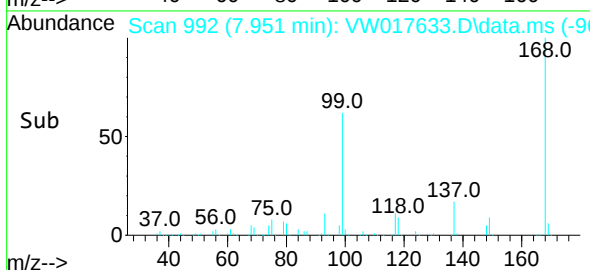
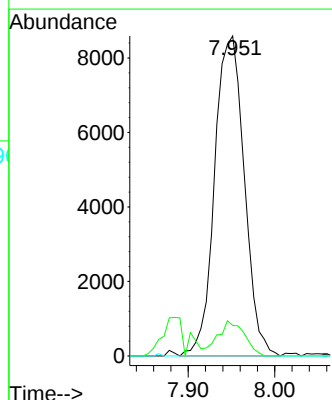
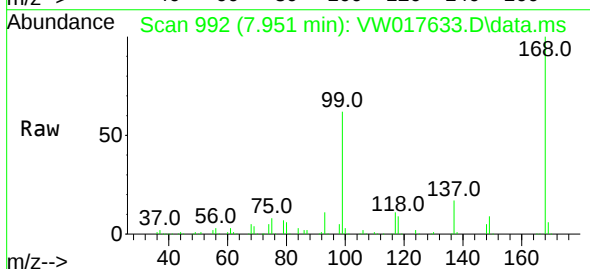
Instrument :
MSVOA_W
ClientSampleId :

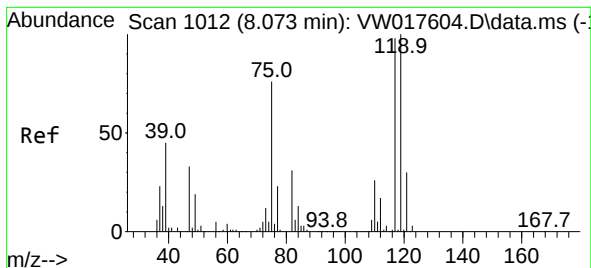
Tgt Ion:113 Resp: 92820
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.2
192 17.0 17.8 26.8#



#36
1,1-Dichloropropene
Concen: 4.93 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.135 min
Lab File: VW017633.D
Acq: 15 Dec 2020 14:53

Tgt Ion: 75 Resp: 20455
Ion Ratio Lower Upper
75 100
110 10.0 19.3 57.9#
77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 5.72 ug/l

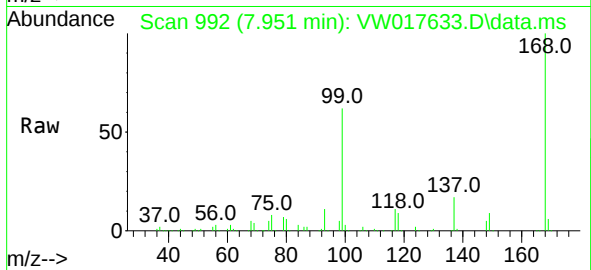
RT: 7.951 min Scan# 992

Delta R.T. -0.122 min

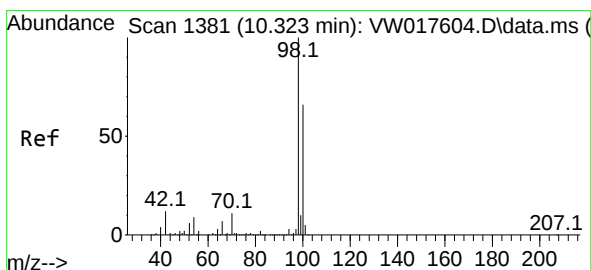
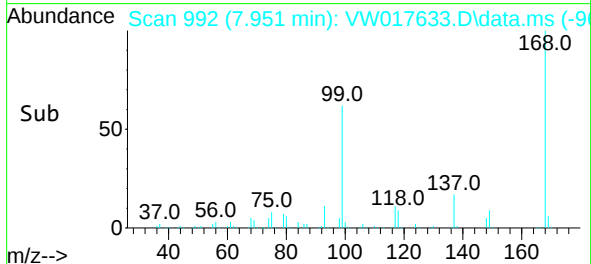
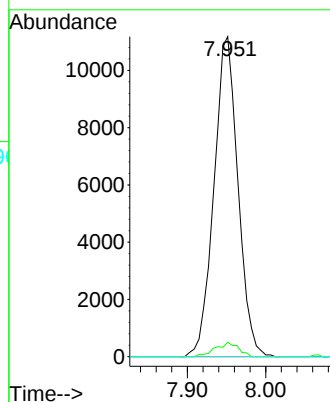
Lab File: VW017633.D

Acq: 15 Dec 2020 14:53

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	117	Resp:	23824
Ion	Ratio	Lower	Upper
117	100		
119	4.5	81.6	122.4#
121	0.0	25.7	38.5#



#50

Toluene-d8

Concen: 47.28 ug/l

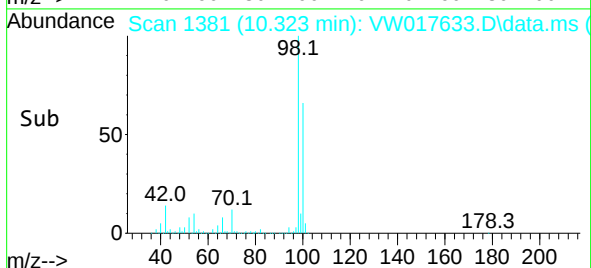
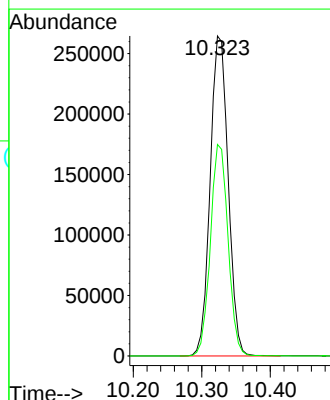
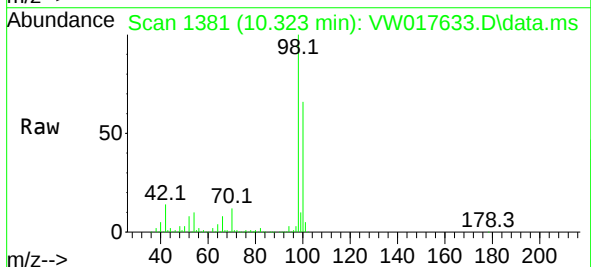
RT: 10.323 min Scan# 1381

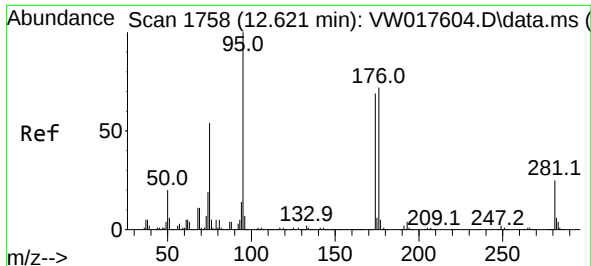
Delta R.T. -0.000 min

Lab File: VW017633.D

Acq: 15 Dec 2020 14:53

Tgt Ion:	98	Resp:	482367
Ion	Ratio	Lower	Upper
98	100		
100	64.9	53.3	79.9

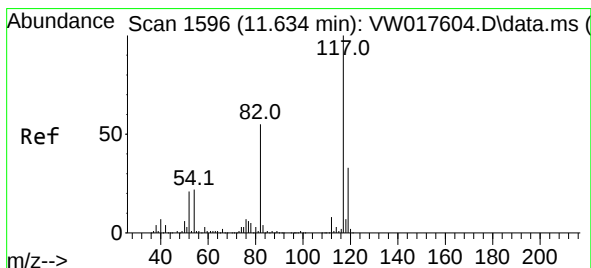
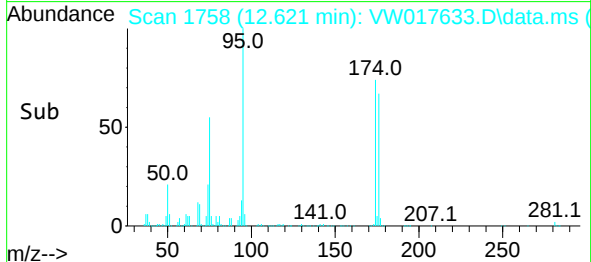
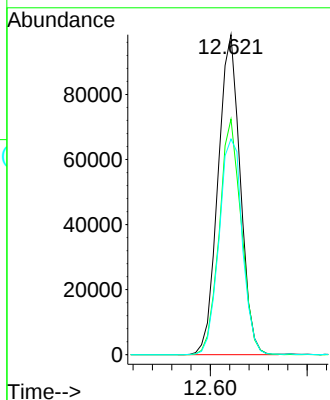
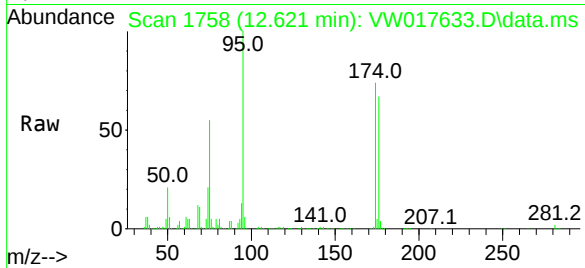




#62
4-Bromofluorobenzene
Concen: 43.01 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017633.D
Acq: 15 Dec 2020 14:53

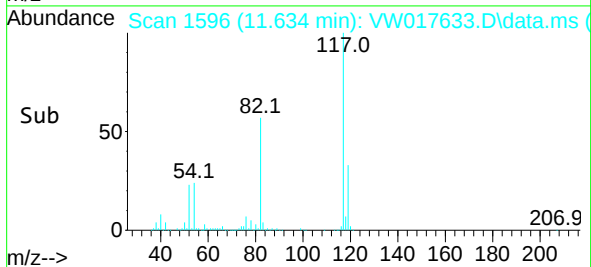
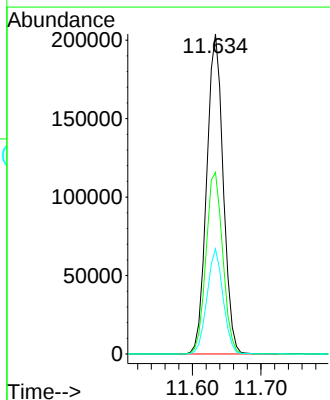
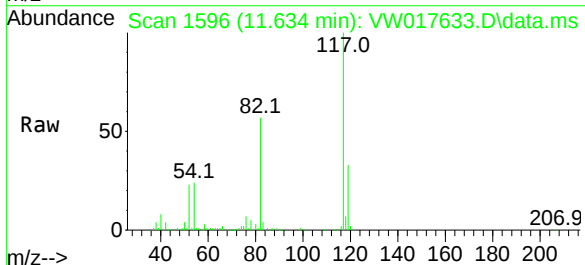
Instrument :
MSVOA_W
ClientSampleId :

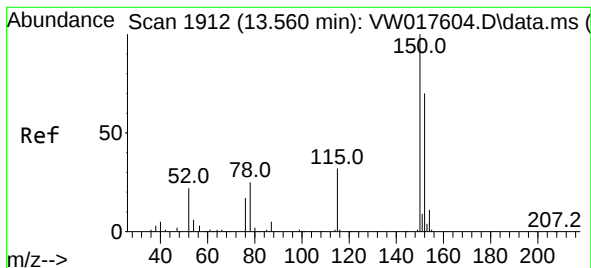
Tgt Ion: 95 Resp: 156694
Ion Ratio Lower Upper
95 100
174 72.9 0.0 180.6
176 70.8 0.0 177.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017633.D
Acq: 15 Dec 2020 14:53

Tgt Ion:117 Resp: 341859
Ion Ratio Lower Upper
117 100
82 56.8 40.7 61.1
119 32.9 25.0 37.4

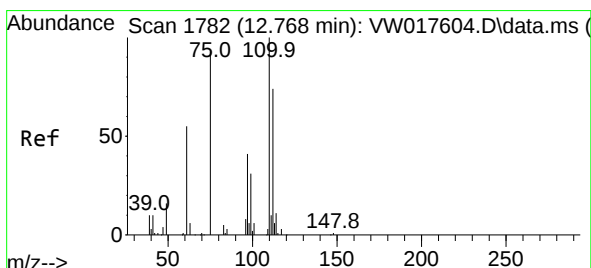
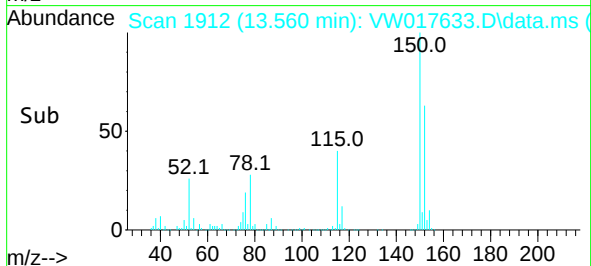
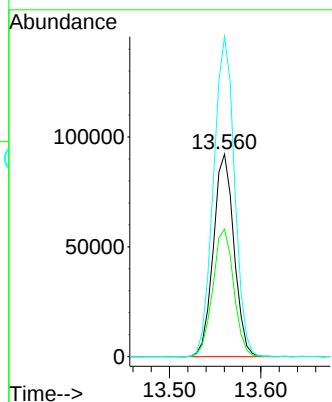
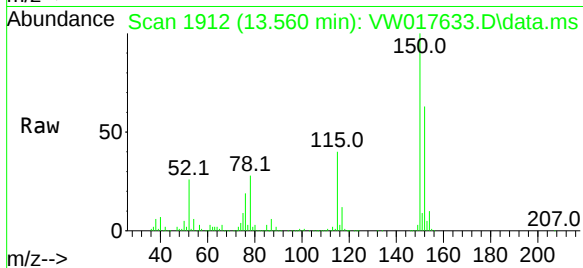




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017633.D
Acq: 15 Dec 2020 14:53

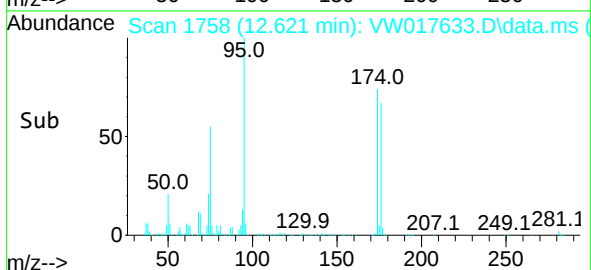
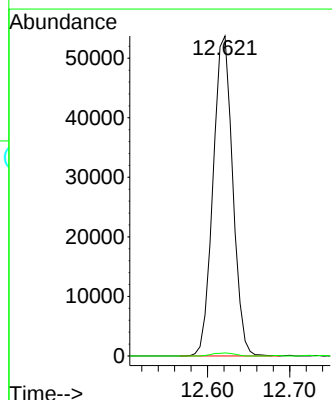
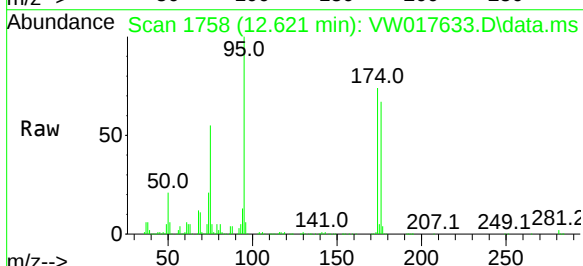
Instrument :
MSVOA_W
ClientSampleId :

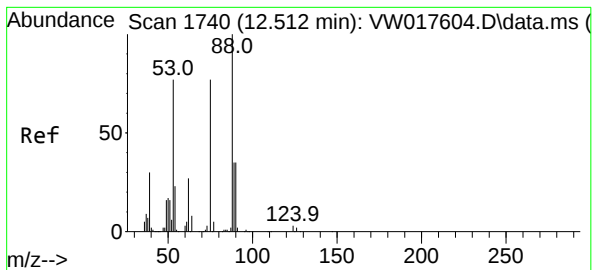
Tgt Ion:152 Resp: 144712
Ion Ratio Lower Upper
152 100
115 64.0 27.9 83.7
150 161.1 0.0 344.0



#76
1,2,3-Trichloropropane
Concen: 63.97 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW017633.D
Acq: 15 Dec 2020 14:53

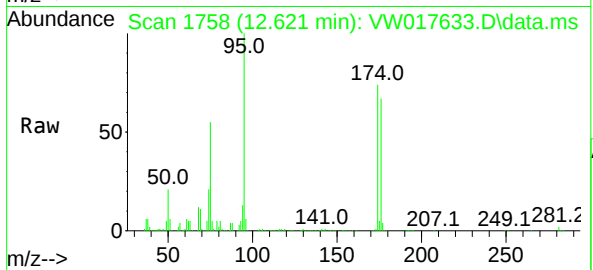
Tgt Ion: 75 Resp: 89112
Ion Ratio Lower Upper
75 100
77 1.0 178.8 536.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.61 ug/l
 RT: 12.621 min Scan# 1758
 Delta R.T. 0.109 min
 Lab File: VW017633.D
 Acq: 15 Dec 2020 14:53

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	75	Resp:	89112
Ion	Ratio	Lower	Upper
75	100		
53	0.1	77.0	115.4#
89	0.0	38.7	58.1#

