

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121520\
 Data File : VW017647.D
 Acq On : 15 Dec 2020 20:47
 Operator : SY/VA
 Sample : L5009-01
 Misc : 2.71G/5ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 16 02:43:07 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)

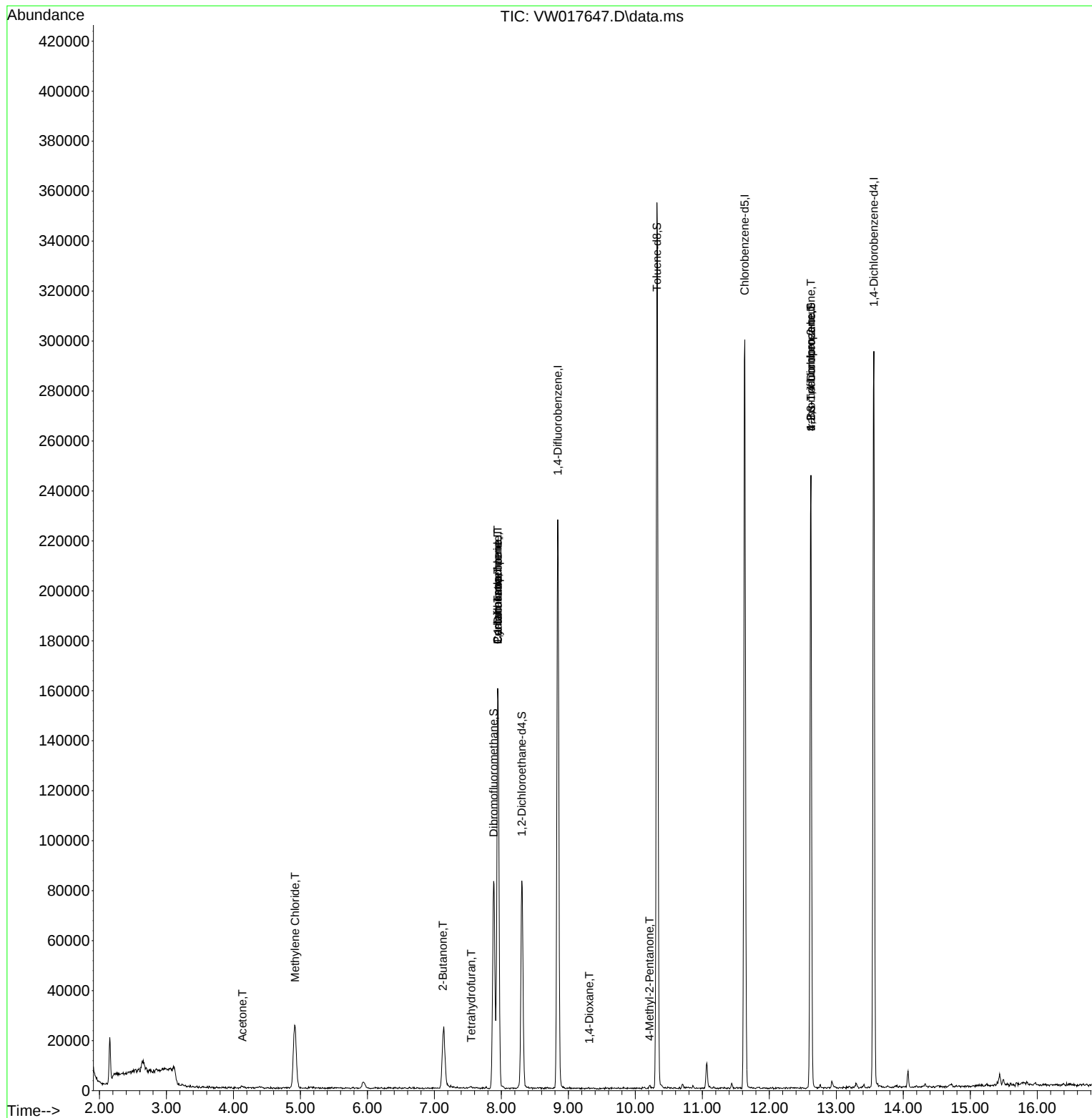
Internal Standards						
1) Pentafluorobenzene	7.945	168	111633	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.841	114	186649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	159882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	72300	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	66611	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
35) Dibromofluoromethane	7.884	113	57765	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.54%	
50) Toluene-d8	10.323	98	230029	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
62) 4-Bromofluorobenzene	12.621	95	76309	44.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.88%	
Target Compounds						Qvalue
11) Tert butyl alcohol	5.184	59	363	Below Cal	#	82
16) Acetone	4.135	43	2038	6.89	ug/l	95
20) Methylene Chloride	4.921	84	18406	10.13	ug/l	# 85
25) 2-Butanone	7.128	43	1757	4.46	ug/l	# 43
26) 2,2-Dichloropropane	7.134	77	1732	Below Cal	#	50
29) Tetrahydrofuran	7.549	42	496	2.24	ug/l	# 49
31) Cyclohexane	7.945	56	3043	1.30	ug/l	# 33
36) 1,1-Dichloropropene	7.945	75	10249	5.25	ug/l	# 49
38) Carbon Tetrachloride	7.945	117	12179	6.20	ug/l	# 12
49) 1,4-Dioxane	9.311	88	21	2.38	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.213	43	870	1.14	ug/l	96
76) 1,2,3-Trichloropropane	12.621	75	43508	62.51	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.621	75	43508	126.66	ug/l	# 11

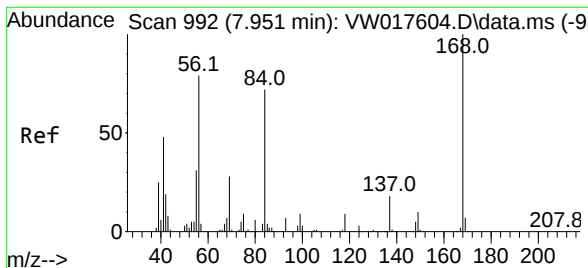
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 16 02:43:07 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

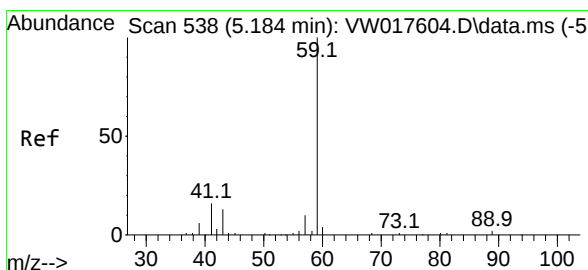
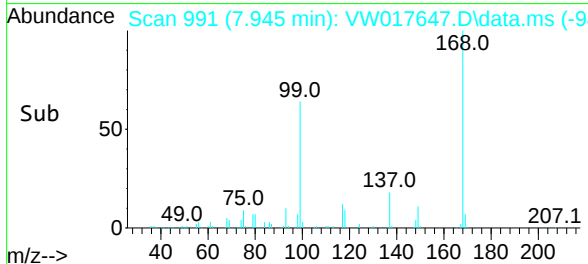
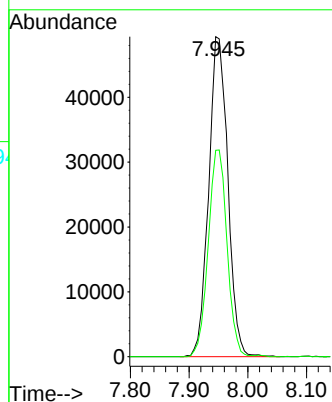
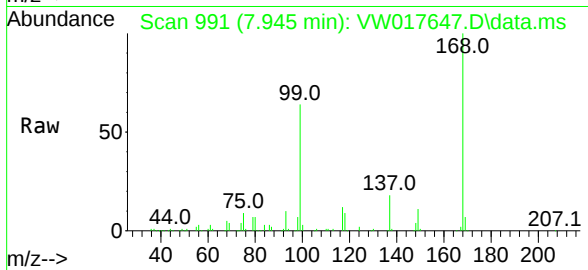




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW017647.D
Acq: 15 Dec 2020 20:47

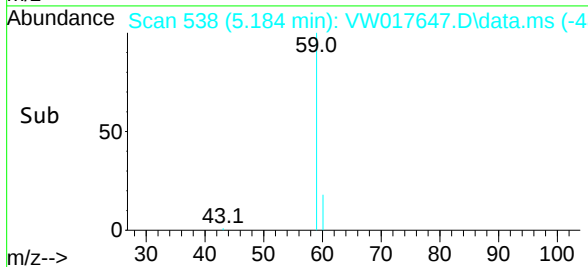
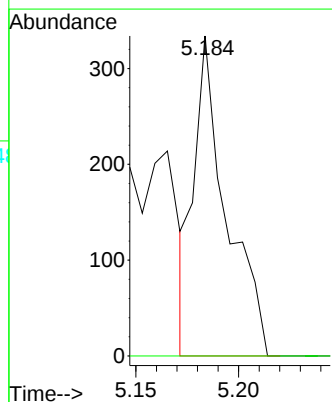
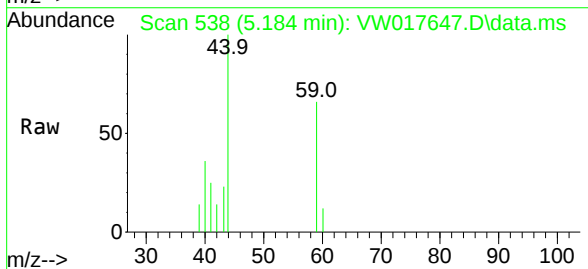
Instrument :
MSVOA_W
ClientSampleId :

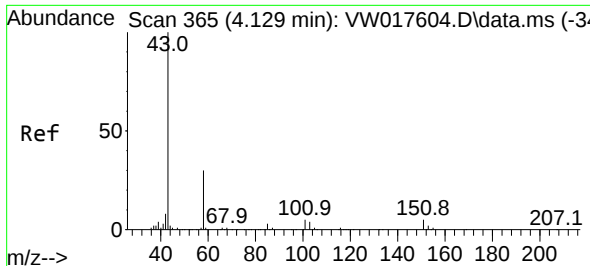
Tgt Ion:168 Resp: 111633
Ion Ratio Lower Upper
168 100
99 64.5 40.7 61.1#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.184 min Scan# 538
Delta R.T. -0.000 min
Lab File: VW017647.D
Acq: 15 Dec 2020 20:47

Tgt Ion: 59 Resp: 363
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

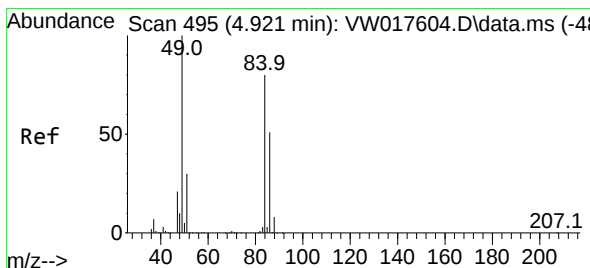
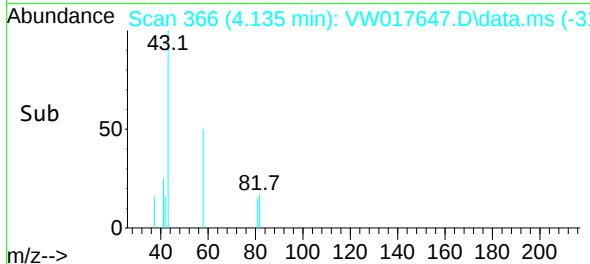
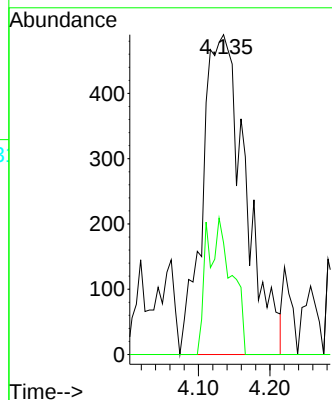
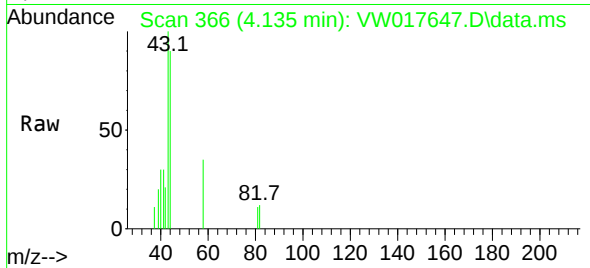




#16
Acetone
Concen: 6.89 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW017647.D
Acq: 15 Dec 2020 20:47

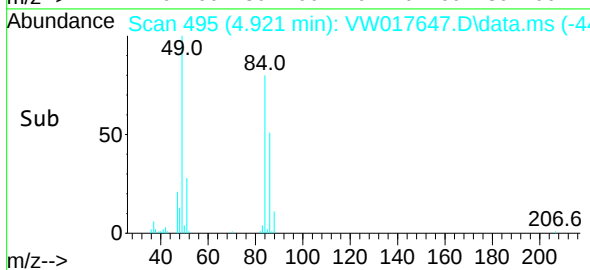
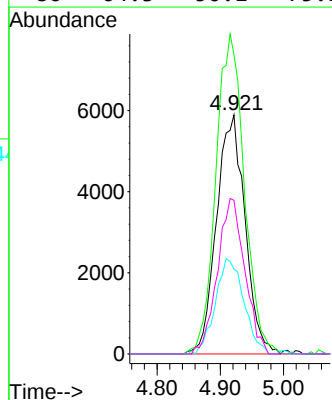
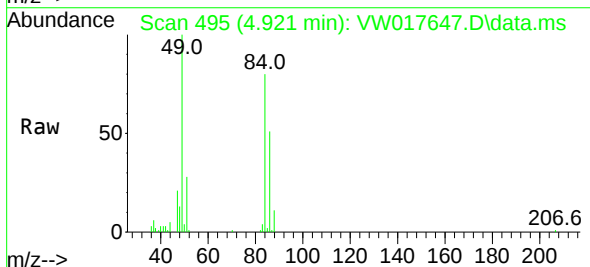
Instrument :
MSVOA_W
ClientSampled :

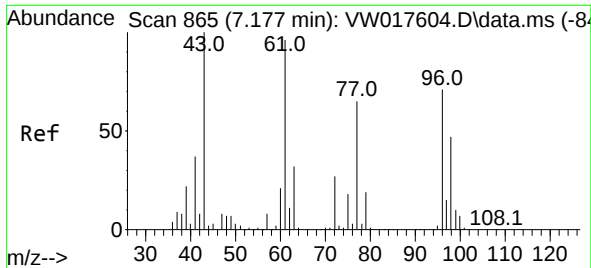
Tgt Ion: 43 Resp: 2038
Ion Ratio Lower Upper
43 100
58 34.9 25.7 38.5



#20
Methylene Chloride
Concen: 10.13 ug/l
RT: 4.921 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW017647.D
Acq: 15 Dec 2020 20:47

Tgt Ion: 84 Resp: 18406
Ion Ratio Lower Upper
84 100
49 125.3 79.0 118.6#
51 35.6 26.1 39.1
86 64.3 50.1 75.1

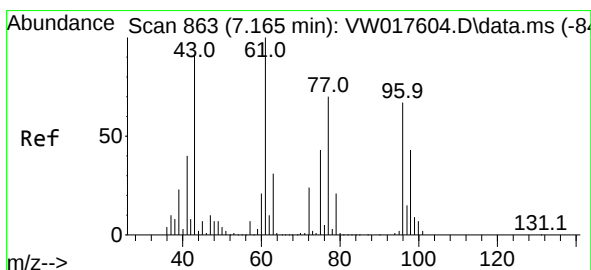
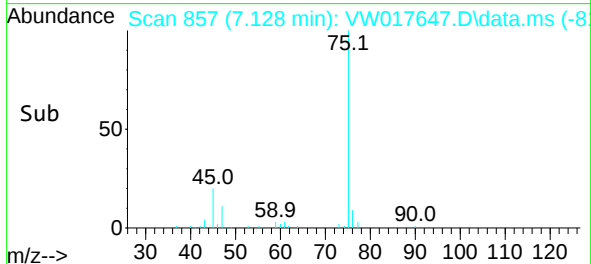
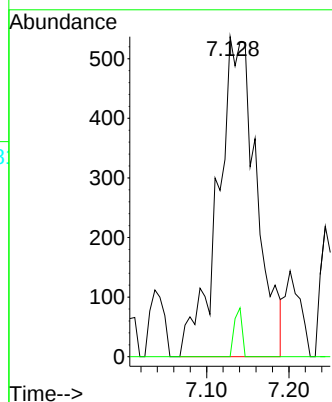
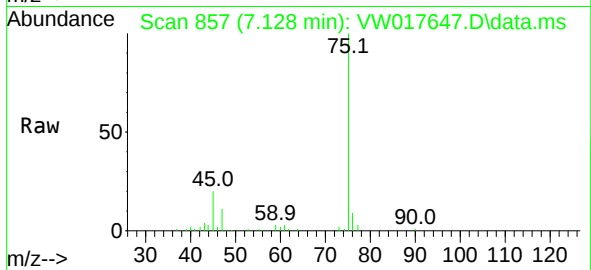




#25
2-Butanone
Concen: 4.46 ug/l
RT: 7.128 min Scan# 857
Delta R.T. -0.049 min
Lab File: VW017647.D
Acq: 15 Dec 2020 20:47

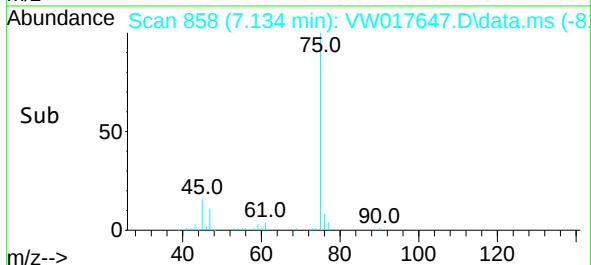
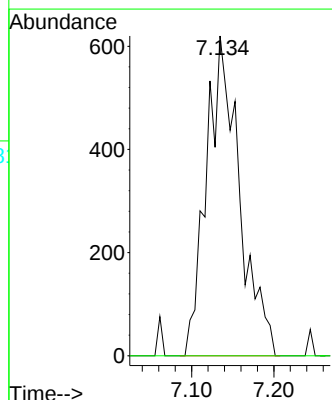
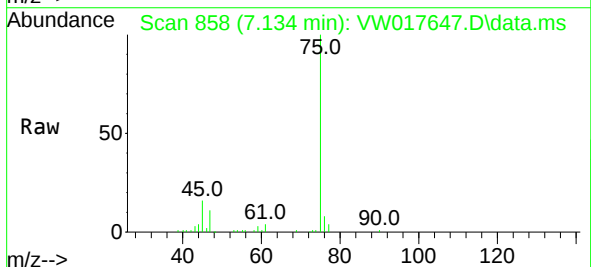
Instrument :
MSVOA_W
ClientSampleId :

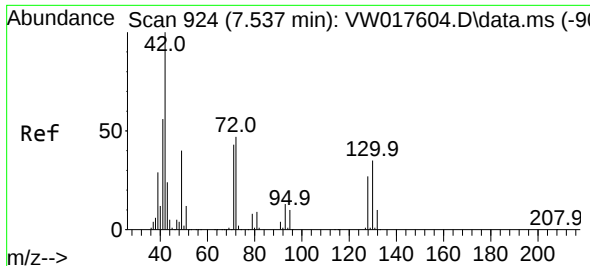
Tgt Ion: 43 Resp: 1757
Ion Ratio Lower Upper
43 100
72 0.0 25.4 38.2#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.134 min Scan# 858
Delta R.T. -0.031 min
Lab File: VW017647.D
Acq: 15 Dec 2020 20:47

Tgt Ion: 77 Resp: 1732
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#





#29

Tetrahydrofuran

Concen: 2.24 ug/l

RT: 7.549 min Scan# 926

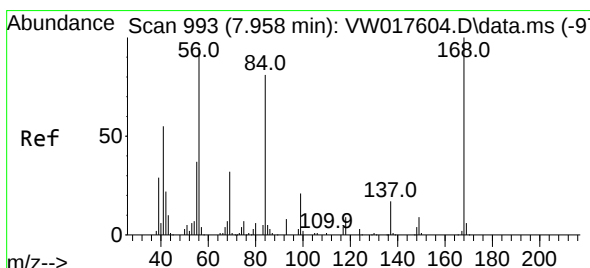
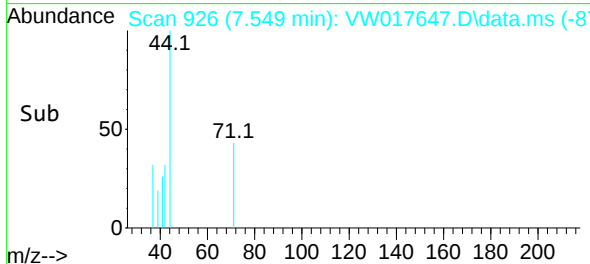
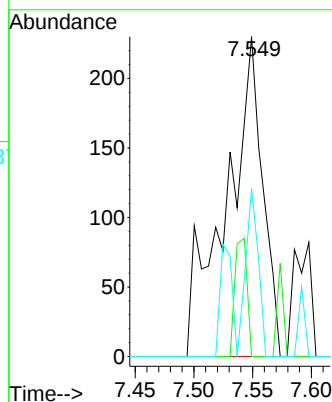
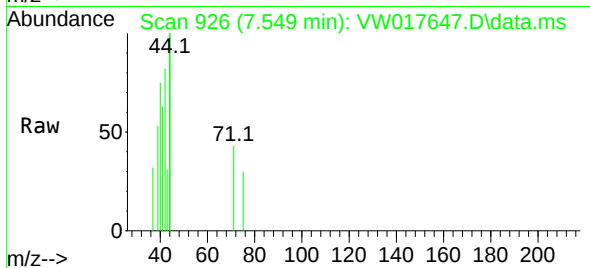
Delta R.T. 0.012 min

Lab File: VW017647.D

Acq: 15 Dec 2020 20:47

Tgt Ion:	42	Resp:	496
Ion	Ratio	Lower	Upper
42	100		
72	12.3	42.0	63.0#
71	18.1	39.0	58.6#

Instrument :
MSVOA_W
ClientSampled :



#31

Cyclohexane

Concen: 1.30 ug/l

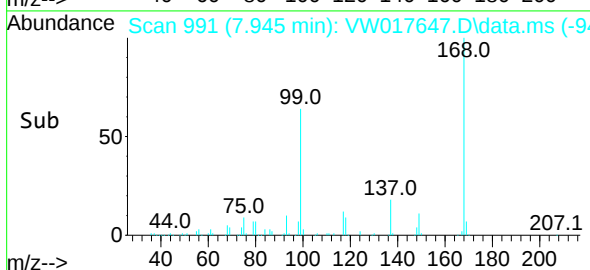
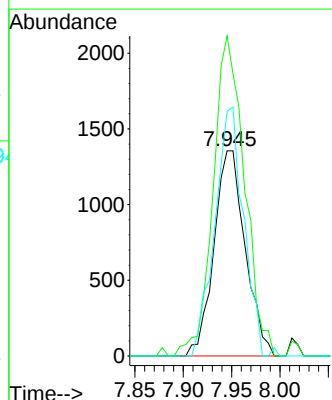
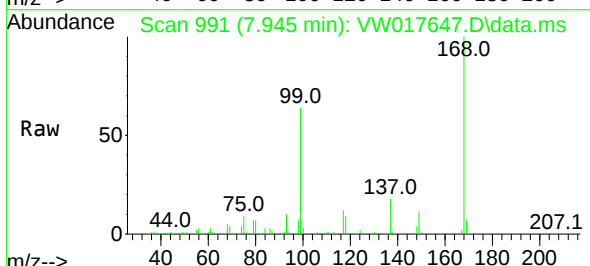
RT: 7.945 min Scan# 991

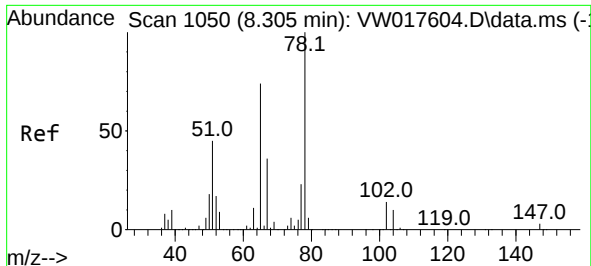
Delta R.T. -0.013 min

Lab File: VW017647.D

Acq: 15 Dec 2020 20:47

Tgt Ion:	56	Resp:	3043
Ion	Ratio	Lower	Upper
56	100		
69	156.0	29.3	43.9#
84	119.3	80.5	120.7

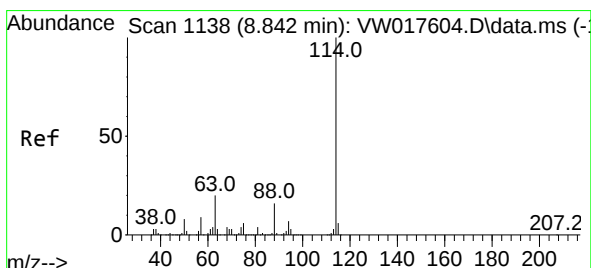
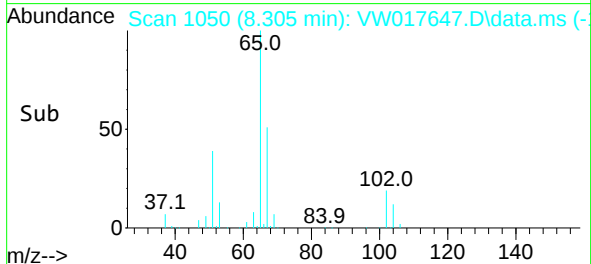
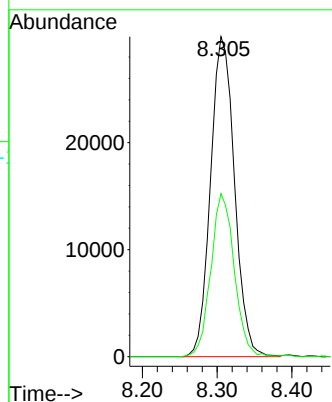
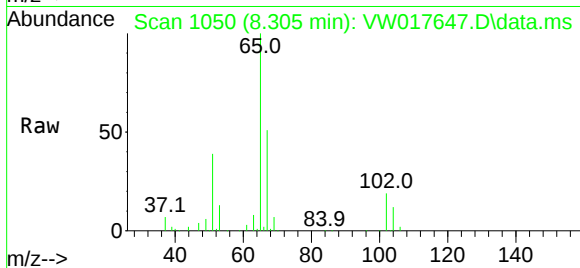




#33
1,2-Dichloroethane-d4
Concen: 48.99 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017647.D
Acq: 15 Dec 2020 20:47

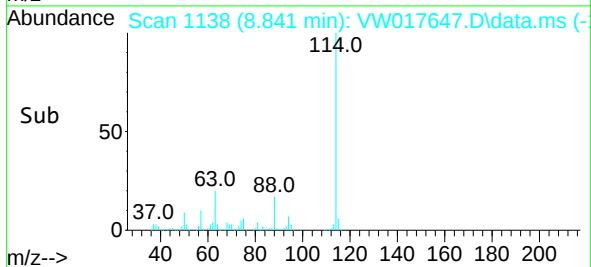
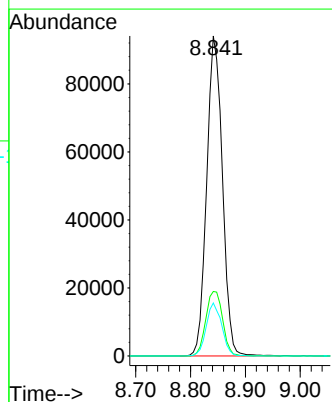
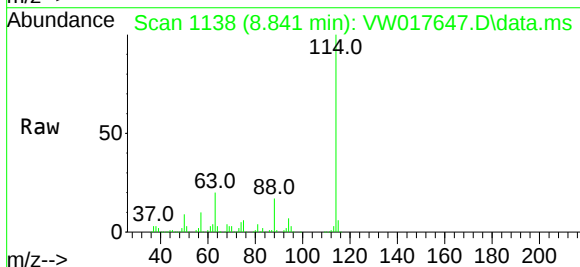
Instrument :
MSVOA_W
ClientSampleId :

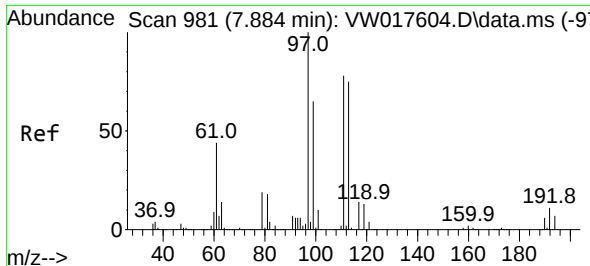
Tgt Ion: 65 Resp: 66611
Ion Ratio Lower Upper
65 100
67 49.7 0.0 103.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.841 min Scan# 1138
Delta R.T. -0.001 min
Lab File: VW017647.D
Acq: 15 Dec 2020 20:47

Tgt Ion: 114 Resp: 186649
Ion Ratio Lower Upper
114 100
63 20.1 0.0 35.6
88 16.6 0.0 30.4

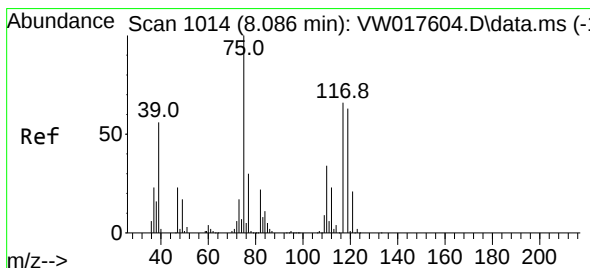
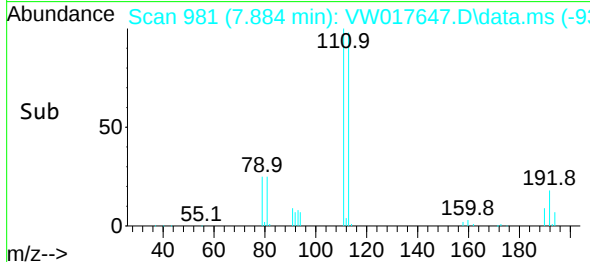
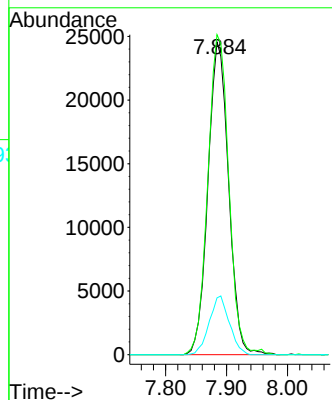
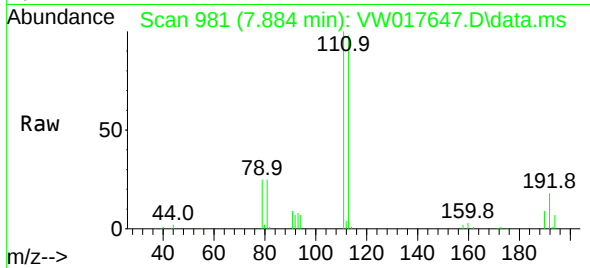




#35
Dibromofluoromethane
Concen: 46.77 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017647.D
Acq: 15 Dec 2020 20:47

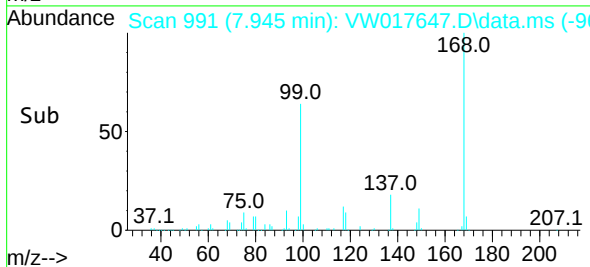
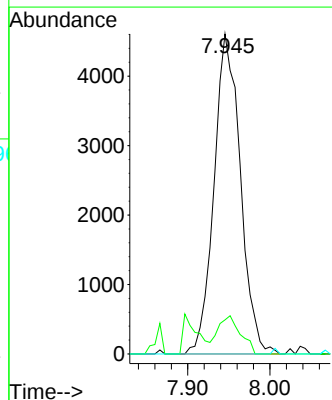
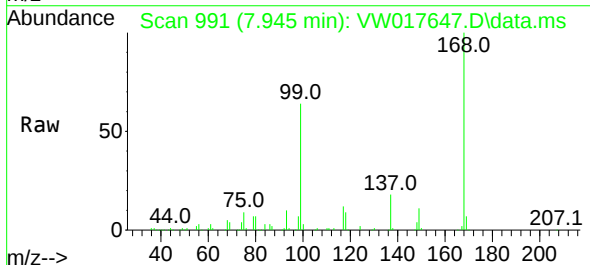
Instrument :
MSVOA_W
ClientSampleId :

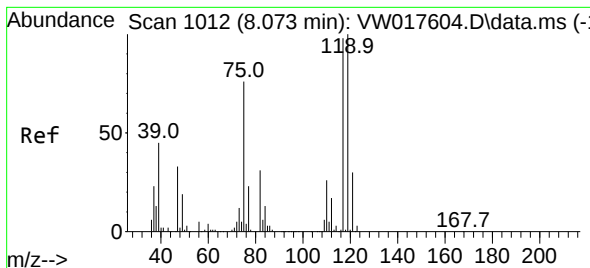
Tgt Ion:113 Resp: 57765
Ion Ratio Lower Upper
113 100
111 104.1 81.4 122.2
192 18.4 17.8 26.8



#36
1,1-Dichloropropene
Concen: 5.25 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.141 min
Lab File: VW017647.D
Acq: 15 Dec 2020 20:47

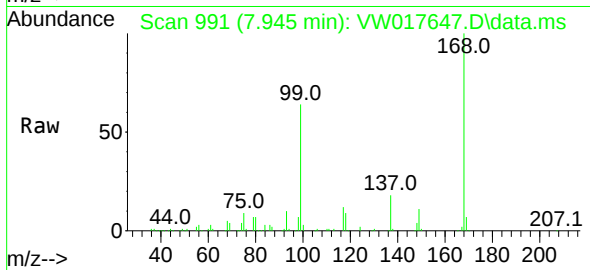
Tgt Ion: 75 Resp: 10249
Ion Ratio Lower Upper
75 100
110 10.2 19.3 57.9#
77 0.0 25.0 37.6#



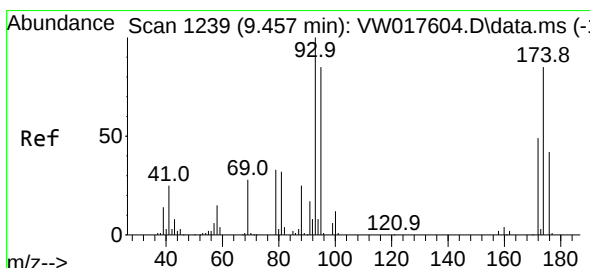
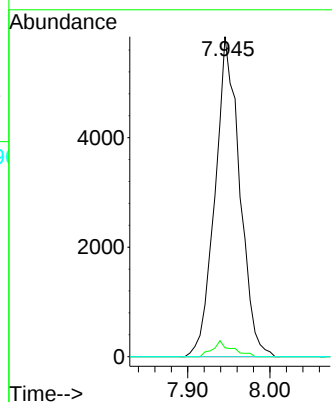
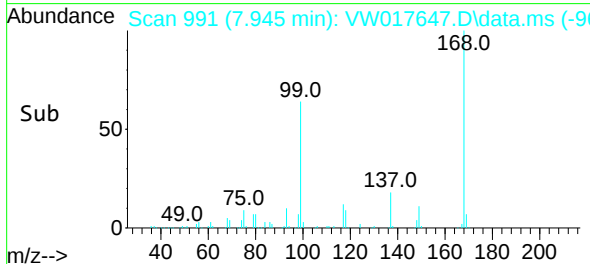


#38
Carbon Tetrachloride
Concen: 6.20 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.128 min
Lab File: VW017647.D
Acq: 15 Dec 2020 20:47

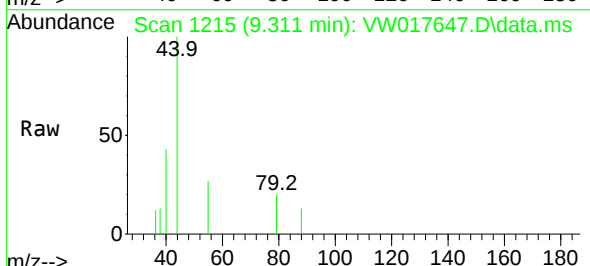
Instrument :
MSVOA_W
ClientSampleId :



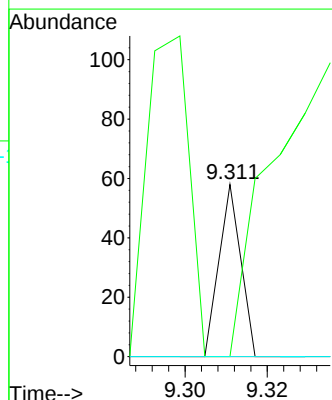
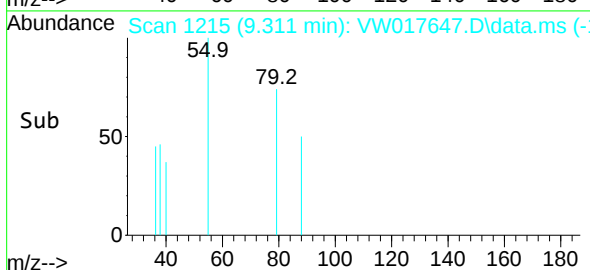
Tgt Ion: 117 Resp: 12179
Ion Ratio Lower Upper
117 100
119 2.8 81.6 122.4#
121 0.0 25.7 38.5#

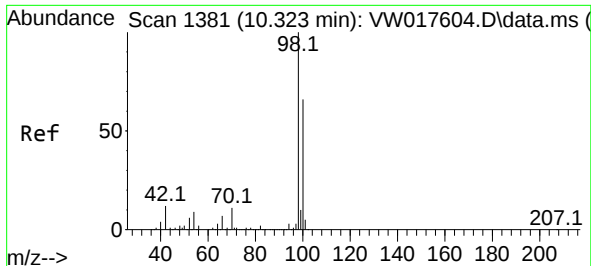


#49
1,4-Dioxane
Concen: 2.38 ug/l
RT: 9.311 min Scan# 1215
Delta R.T. -0.146 min
Lab File: VW017647.D
Acq: 15 Dec 2020 20:47



Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 366.7 0.0 0.0#
58 0.0 54.0 81.0#

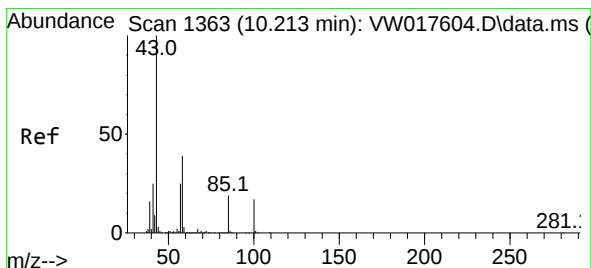
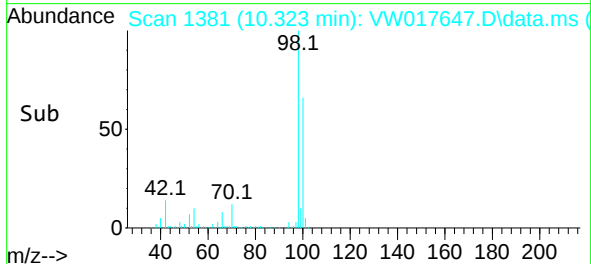
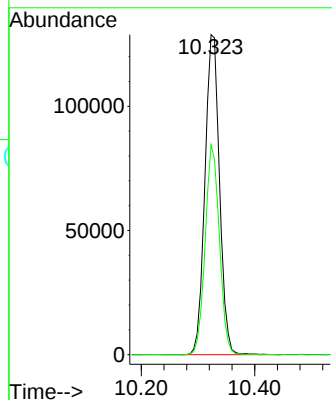
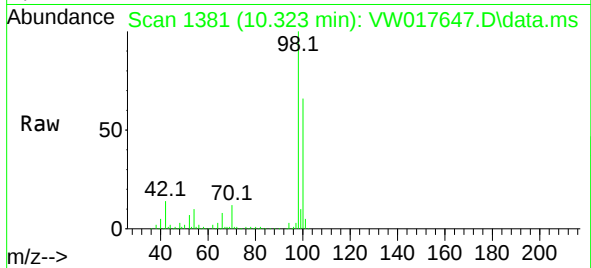




#50
Toluene-d8
Concen: 47.83 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW017647.D
Acq: 15 Dec 2020 20:47

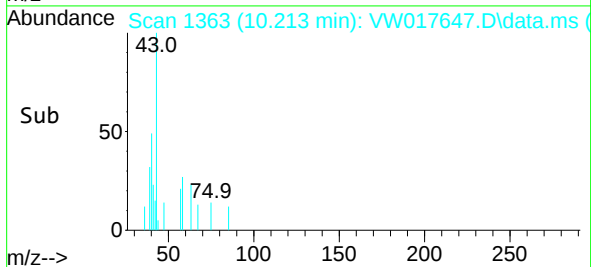
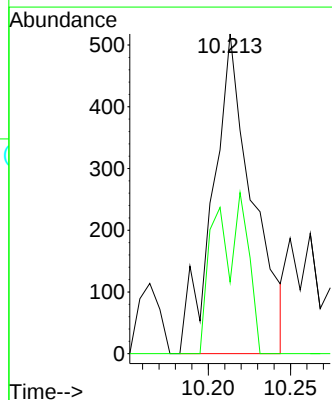
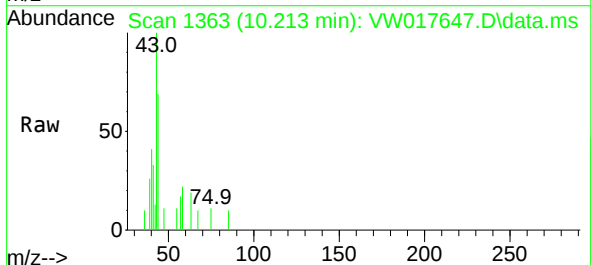
Instrument :
MSVOA_W
ClientSampleId :

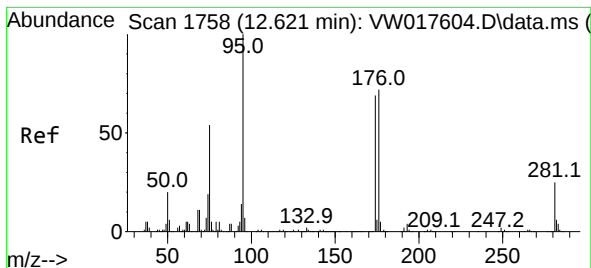
Tgt Ion: 98 Resp: 230029
Ion Ratio Lower Upper
98 100
100 64.0 53.3 79.9



#51
4-Methyl-2-Pentanone
Concen: 1.14 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW017647.D
Acq: 15 Dec 2020 20:47

Tgt Ion: 43 Resp: 870
Ion Ratio Lower Upper
43 100
58 40.8 34.7 52.1

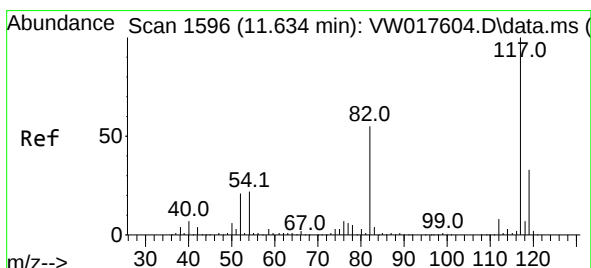
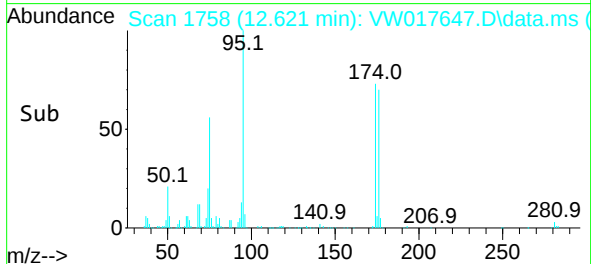
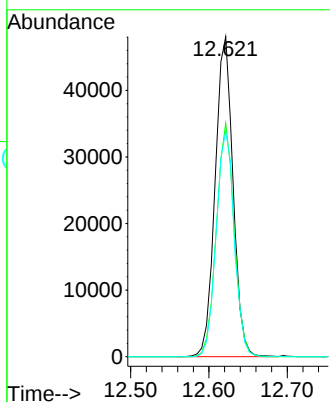
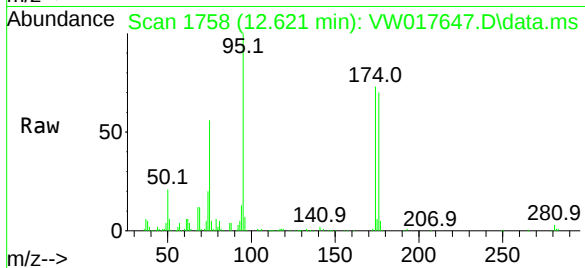




#62
4-Bromofluorobenzene
Concen: 44.44 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017647.D
Acq: 15 Dec 2020 20:47

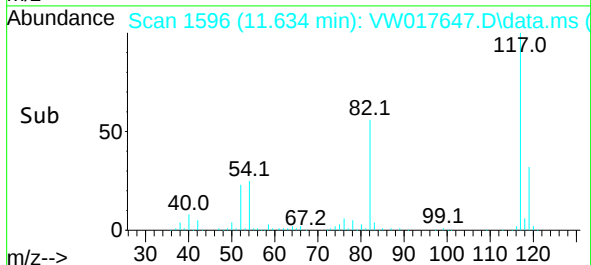
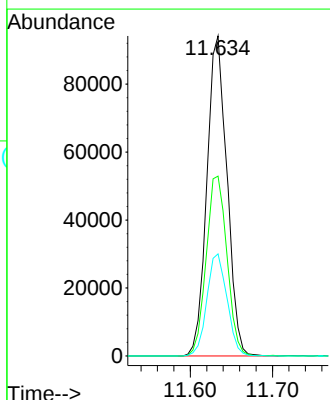
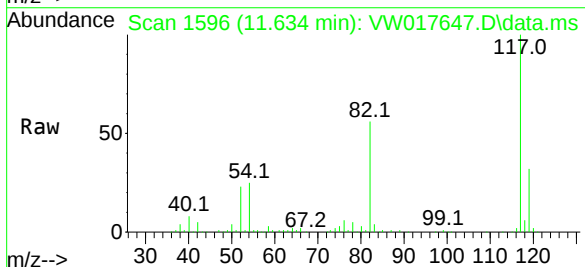
Instrument :
MSVOA_W
ClientSampleId :

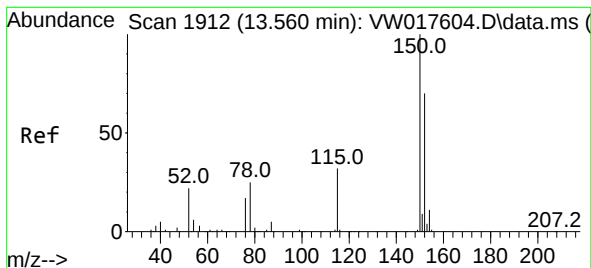
Tgt Ion: 95 Resp: 76309
Ion Ratio Lower Upper
95 100
174 72.6 0.0 180.6
176 71.1 0.0 177.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017647.D
Acq: 15 Dec 2020 20:47

Tgt Ion: 117 Resp: 159882
Ion Ratio Lower Upper
117 100
82 56.2 40.7 61.1
119 31.9 25.0 37.4

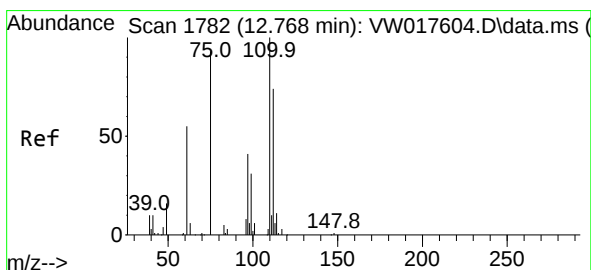
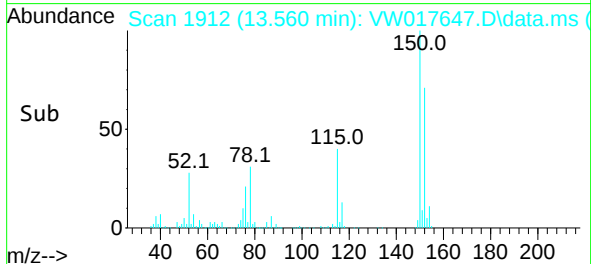
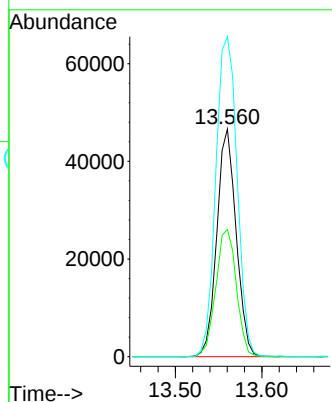
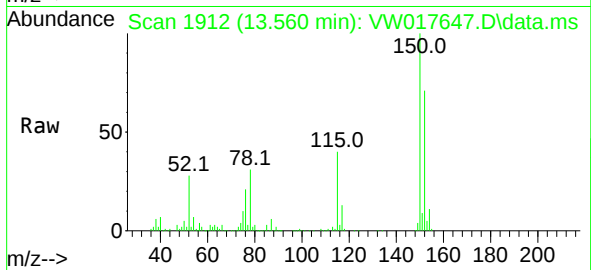




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017647.D
Acq: 15 Dec 2020 20:47

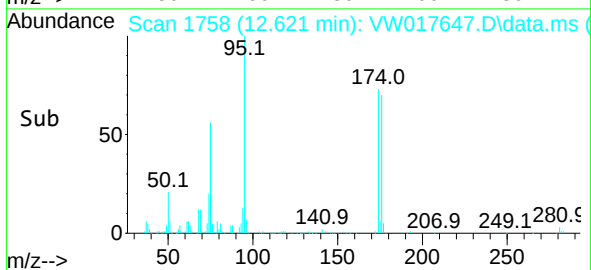
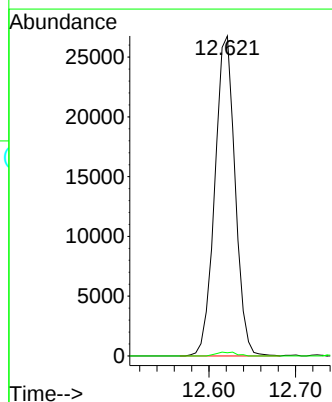
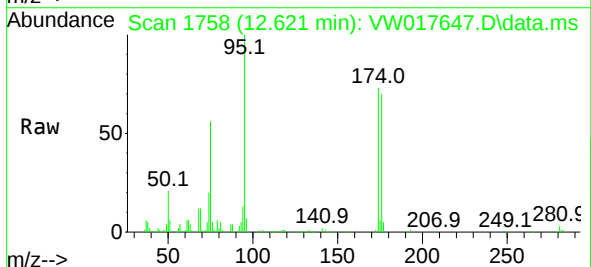
Instrument :
MSVOA_W
ClientSampleId :

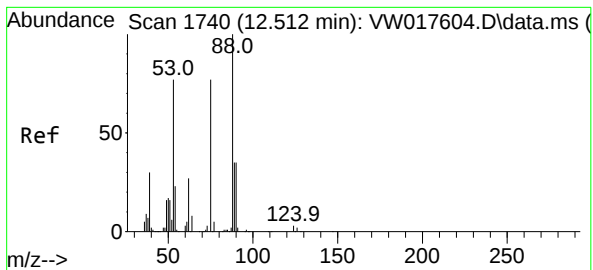
Tgt Ion:152 Resp: 72300
Ion Ratio Lower Upper
152 100
115 59.5 27.9 83.7
150 154.8 0.0 344.0



#76
1,2,3-Trichloropropane
Concen: 62.51 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW017647.D
Acq: 15 Dec 2020 20:47

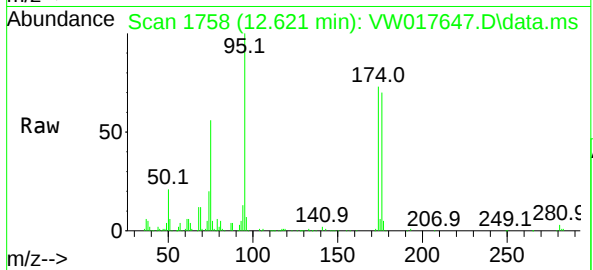
Tgt Ion: 75 Resp: 43508
Ion Ratio Lower Upper
75 100
77 1.2 178.8 536.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.66 ug/l
 RT: 12.621 min Scan# 1758
 Delta R.T. 0.109 min
 Lab File: VW017647.D
 Acq: 15 Dec 2020 20:47

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.0	115.4#
89	0.0	38.7	58.1#

