

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121520\
 Data File : VW017632.D
 Acq On : 15 Dec 2020 14:28
 Operator : SY/VA
 Sample : L5014-01
 Misc : 5.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 16 02:38:35 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)

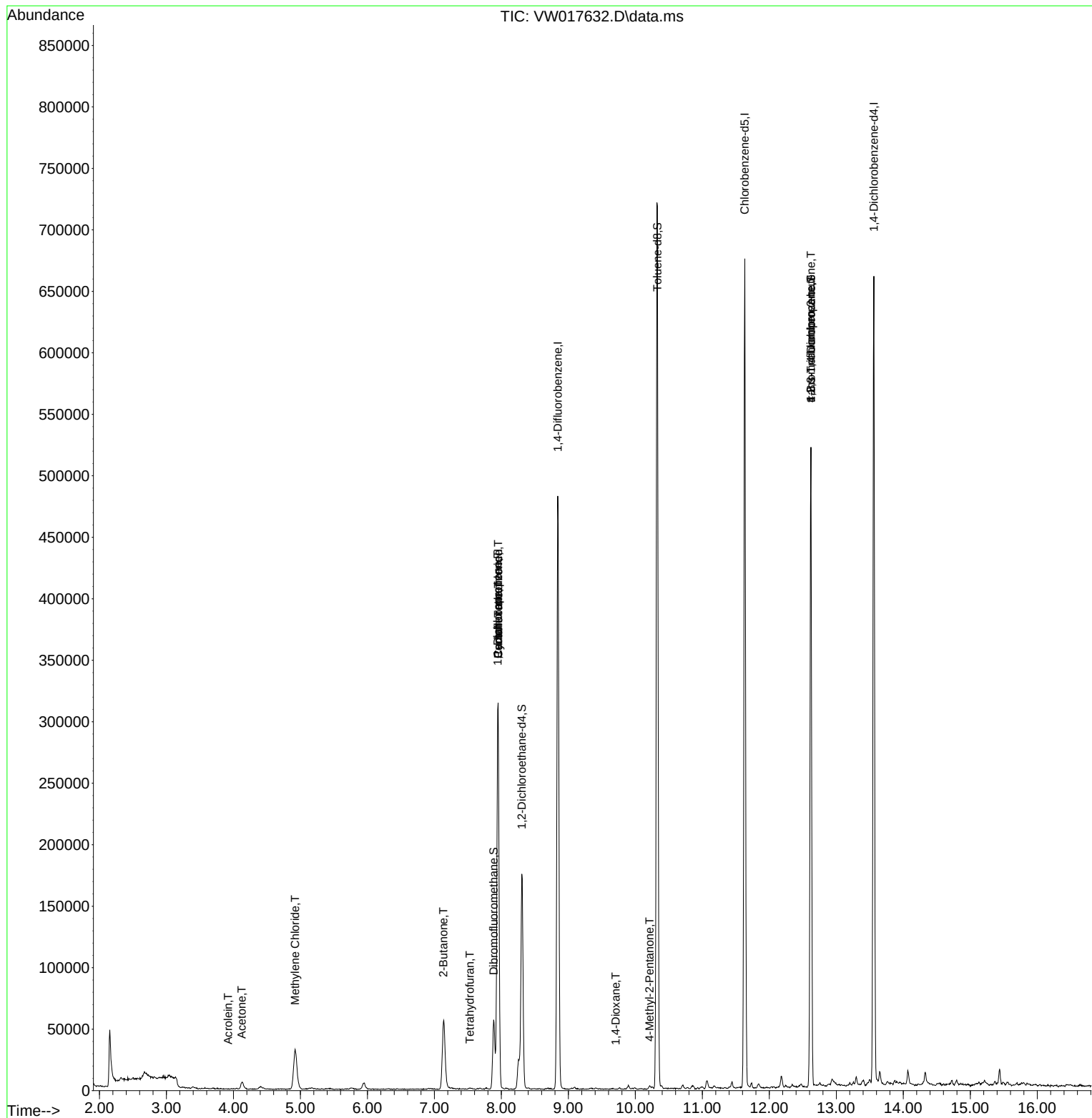
Internal Standards						
1) Pentafluorobenzene	7.951	168	223846	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.841	114	399974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	338909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	160111	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	137625	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
35) Dibromofluoromethane	7.884	113	38848	14.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	29.36%	
50) Toluene-d8	10.329	98	482351	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
62) 4-Bromofluorobenzene	12.621	95	163062	44.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.64%	
Target Compounds						Qvalue
11) Tert butyl alcohol	5.165	59	942	Below Cal		99
13) Acrolein	3.922	56	198	1.21 ug/l	#	15
16) Acetone	4.123	43	11113	18.73 ug/l		100
20) Methylene Chloride	4.921	84	26302	5.38 ug/l	#	80
25) 2-Butanone	7.134	43	3274	4.14 ug/l	#	56
26) 2,2-Dichloropropane	7.141	77	4079	Below Cal	#	50
29) Tetrahydrofuran	7.531	42	591	1.33 ug/l	#	50
31) Cyclohexane	7.951	56	6570	1.40 ug/l	#	51
36) 1,1-Dichloropropene	7.945	75	19567	4.67 ug/l	#	49
38) Carbon Tetrachloride	7.951	117	24629	5.85 ug/l	#	13
49) 1,4-Dioxane	9.707	88	43	2.27 ug/l	#	16
51) 4-Methyl-2-Pentanone	10.213	43	2436	1.49 ug/l	#	73
76) 1,2,3-Trichloropropane	12.621	75	91195	59.17 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.621	75	91195	119.88 ug/l	#	11

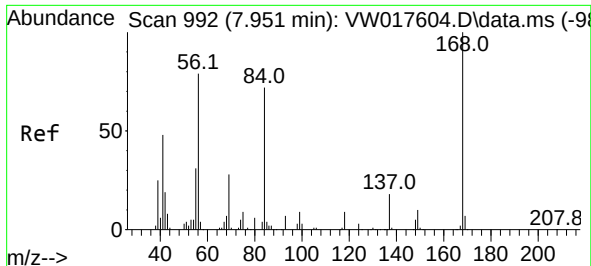
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 16 02:38:35 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

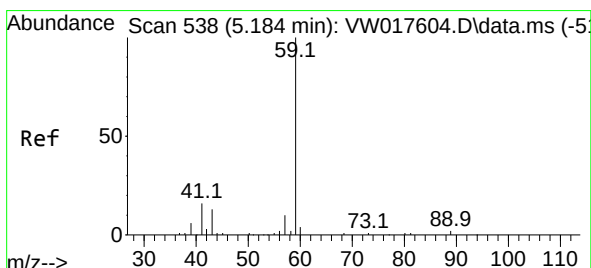
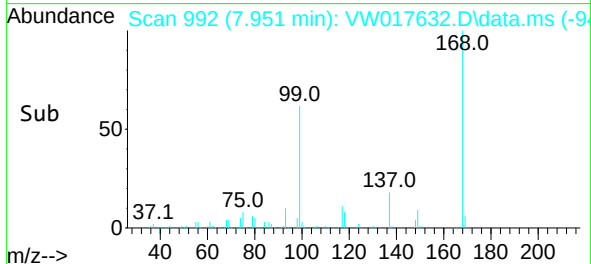
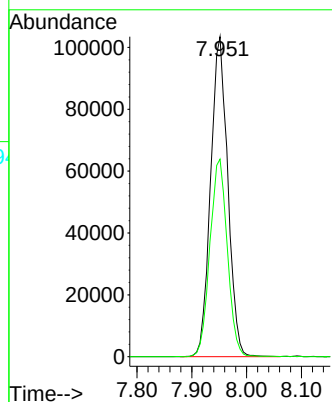
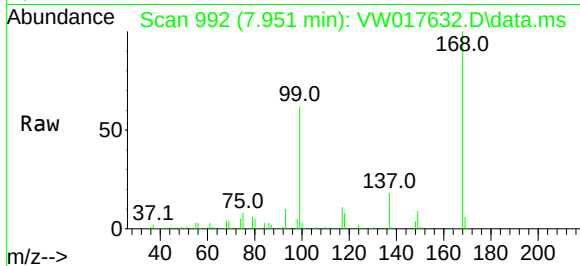




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW017632.D
Acq: 15 Dec 2020 14:28

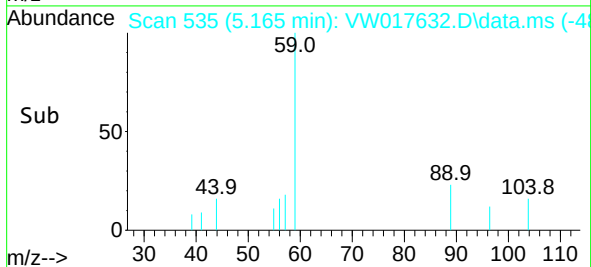
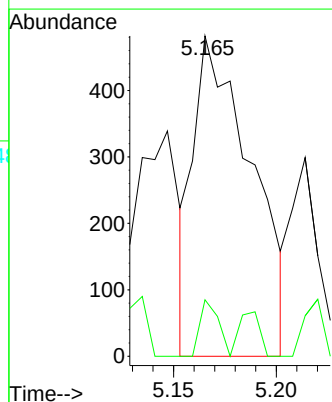
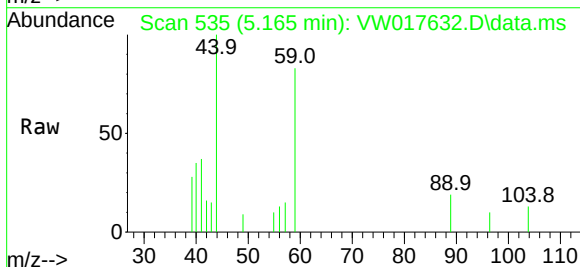
Instrument :
MSVOA_W
ClientSampleId :

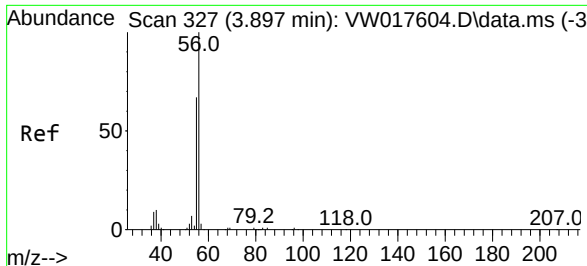
Tgt Ion:168 Resp: 223846
Ion Ratio Lower Upper
168 100
99 61.7 40.7 61.1#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.165 min Scan# 535
Delta R.T. -0.019 min
Lab File: VW017632.D
Acq: 15 Dec 2020 14:28

Tgt Ion: 59 Resp: 942
Ion Ratio Lower Upper
59 100
57 5.6 4.7 7.1

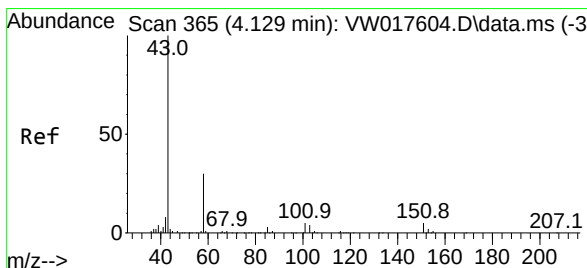
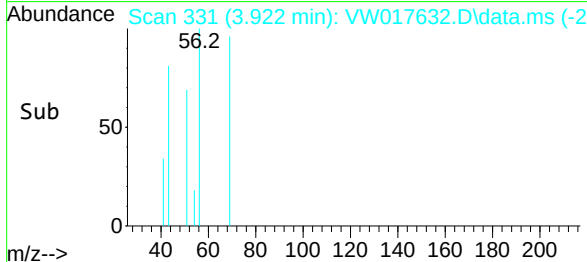
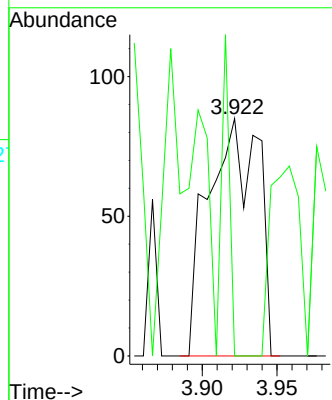
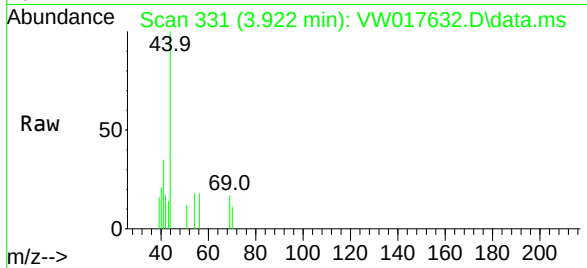




#13
Acrolein
Concen: 1.21 ug/l
RT: 3.922 min Scan# 331
Delta R.T. 0.025 min
Lab File: VW017632.D
Acq: 15 Dec 2020 14:28

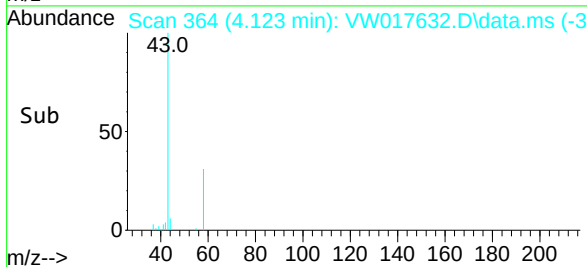
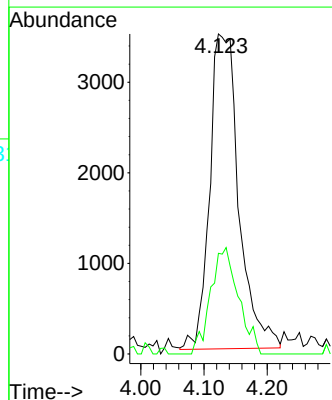
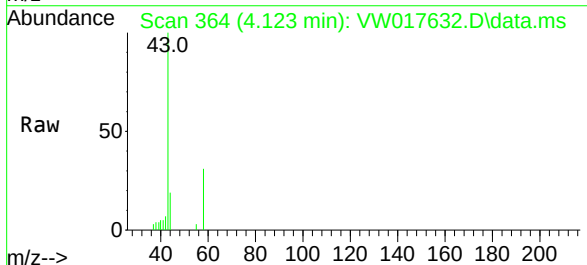
Instrument :
MSVOA_W
ClientSampled :

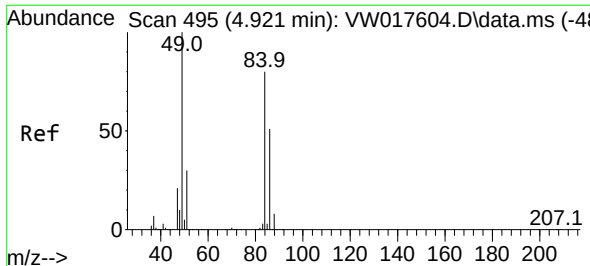
Tgt Ion: 56 Resp: 198
Ion Ratio Lower Upper
56 100
55 0.0 55.9 83.9#



#16
Acetone
Concen: 18.73 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW017632.D
Acq: 15 Dec 2020 14:28

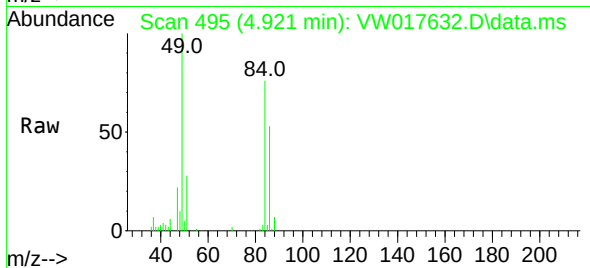
Tgt Ion: 43 Resp: 11113
Ion Ratio Lower Upper
43 100
58 32.1 25.7 38.5



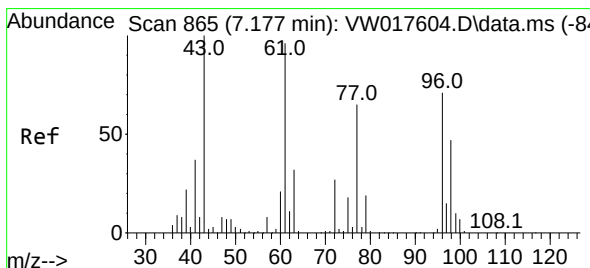
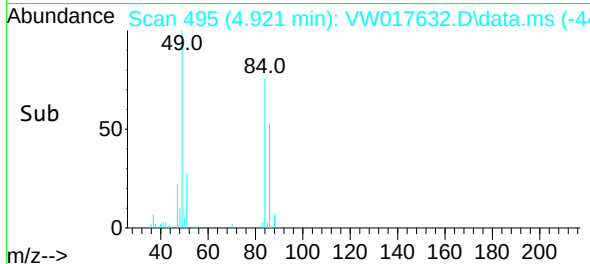
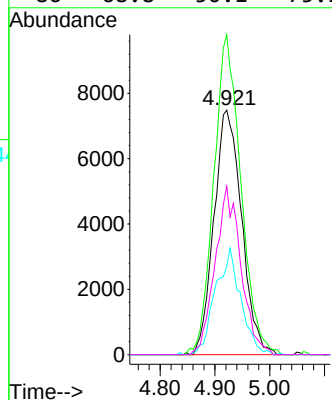


#20
Methylene Chloride
Concen: 5.38 ug/l
RT: 4.921 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW017632.D
Acq: 15 Dec 2020 14:28

Instrument :
MSVOA_W
ClientSampleId :

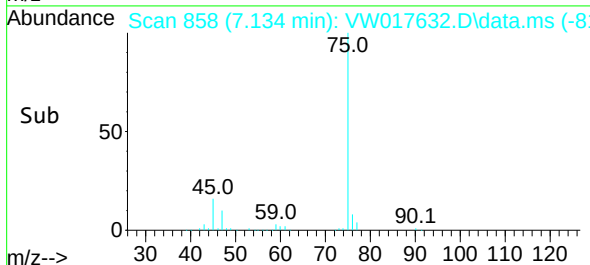
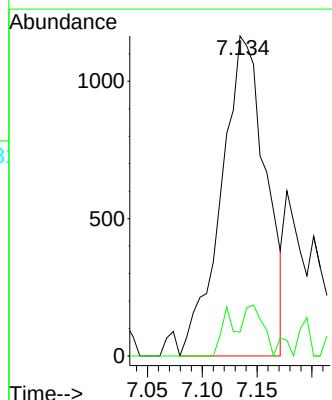
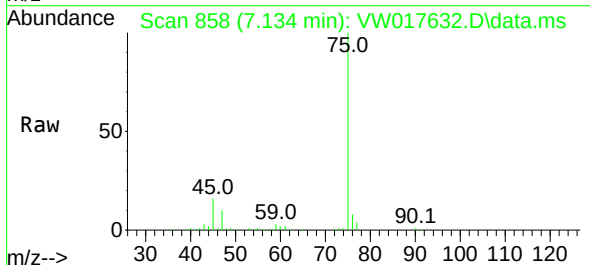


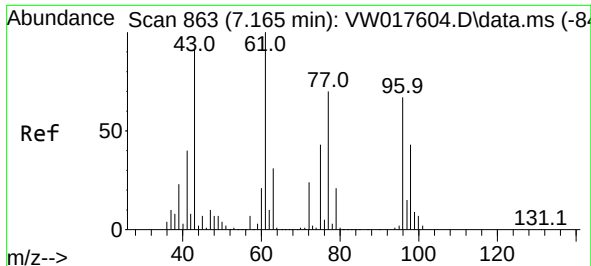
Tgt Ion:	84	Resp:	26302
Ion	Ratio	Lower	Upper
84	100		
49	130.9	79.0	118.6#
51	35.6	26.1	39.1
86	68.8	50.1	75.1



#25
2-Butanone
Concen: 4.14 ug/l
RT: 7.134 min Scan# 858
Delta R.T. -0.043 min
Lab File: VW017632.D
Acq: 15 Dec 2020 14:28

Tgt Ion:	43	Resp:	3274
Ion	Ratio	Lower	Upper
43	100		
72	7.5	25.4	38.2#

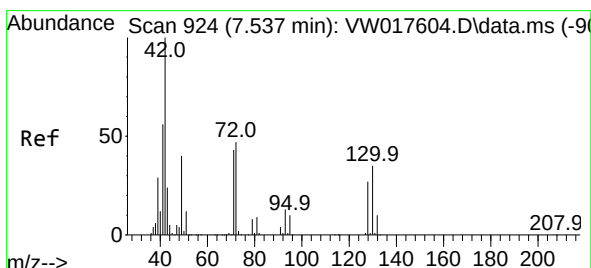
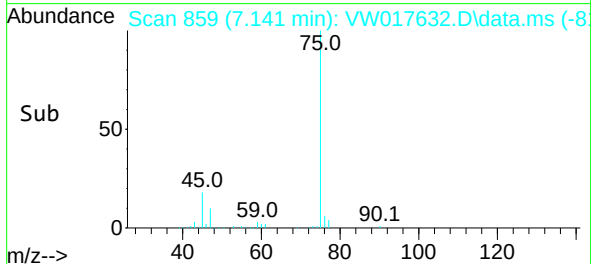
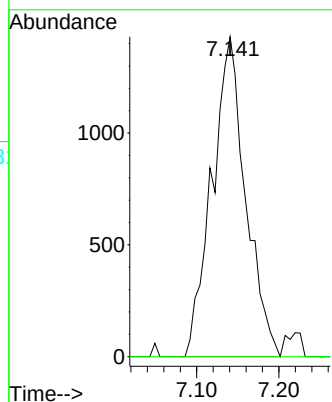
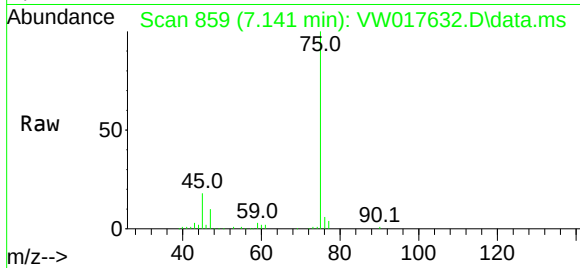




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.141 min Scan# 859
Delta R.T. -0.024 min
Lab File: VW017632.D
Acq: 15 Dec 2020 14:28

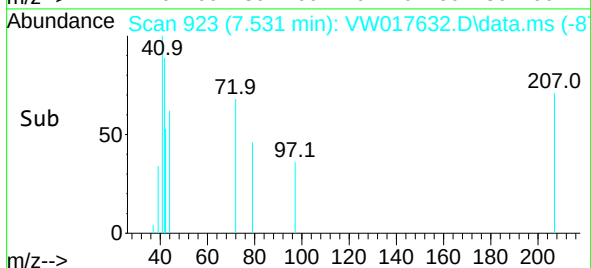
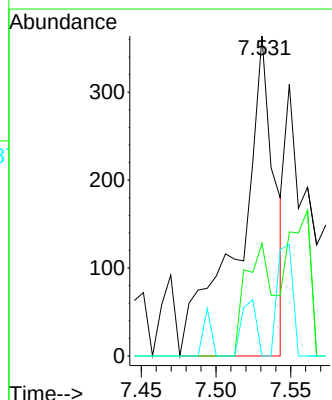
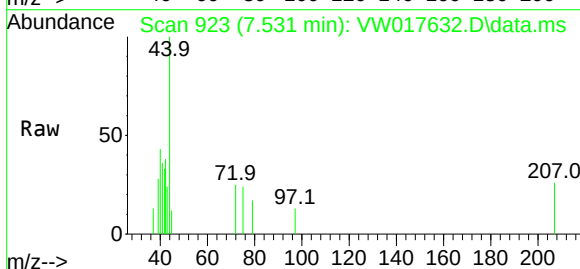
Instrument :
MSVOA_W
ClientSampled :

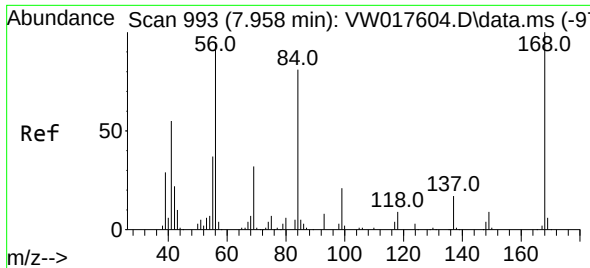
Tgt Ion: 77 Resp: 4079
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#



#29
Tetrahydrofuran
Concen: 1.33 ug/l
RT: 7.531 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW017632.D
Acq: 15 Dec 2020 14:28

Tgt Ion: 42 Resp: 591
Ion Ratio Lower Upper
42 100
72 24.2 42.0 63.0#
71 7.4 39.0 58.6#

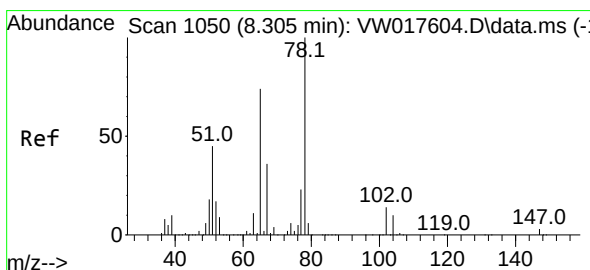
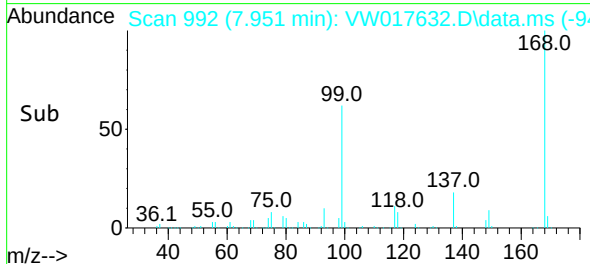
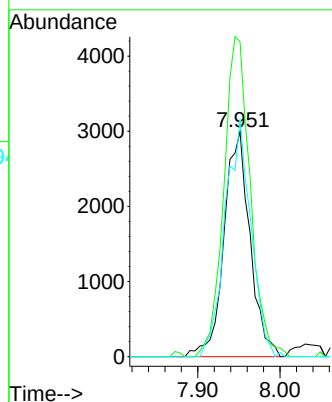
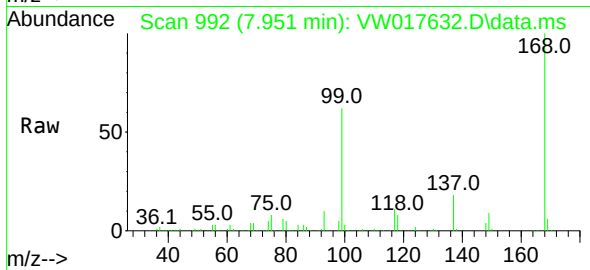




#31
Cyclohexane
Concen: 1.40 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.007 min
Lab File: VW017632.D
Acq: 15 Dec 2020 14:28

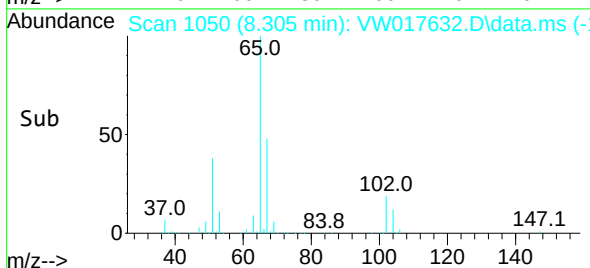
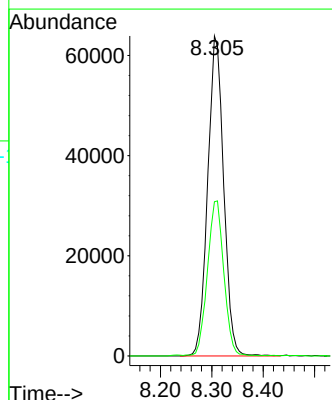
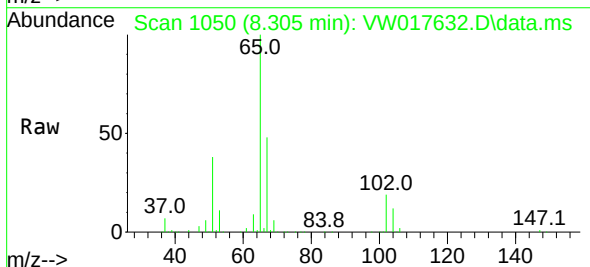
Instrument :
MSVOA_W
ClientSampleId :

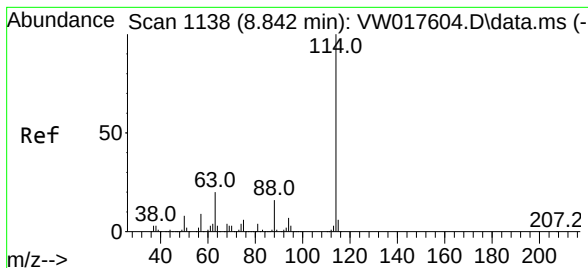
Tgt Ion: 56 Resp: 6570
Ion Ratio Lower Upper
56 100
69 138.2 29.3 43.9#
84 105.4 80.5 120.7



#33
1,2-Dichloroethane-d4
Concen: 50.47 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW017632.D
Acq: 15 Dec 2020 14:28

Tgt Ion: 65 Resp: 137625
Ion Ratio Lower Upper
65 100
67 49.4 0.0 103.8

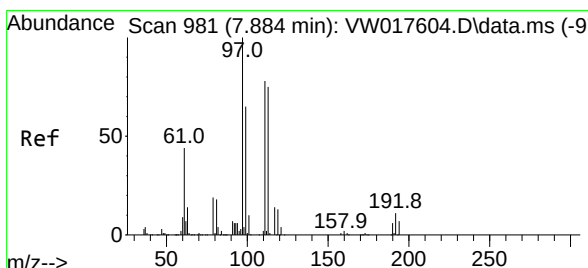
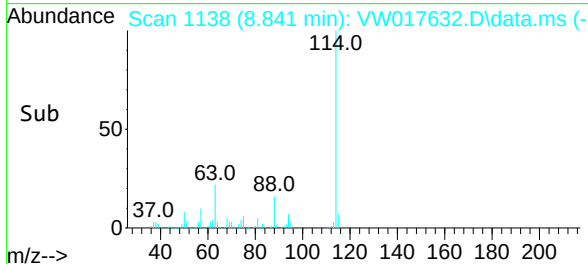
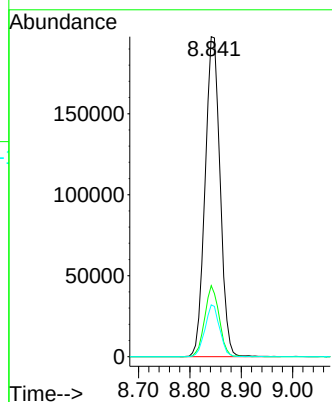
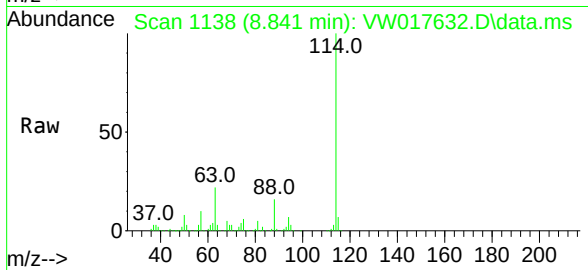




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.841 min Scan# 1138
Delta R.T. -0.001 min
Lab File: VW017632.D
Acq: 15 Dec 2020 14:28

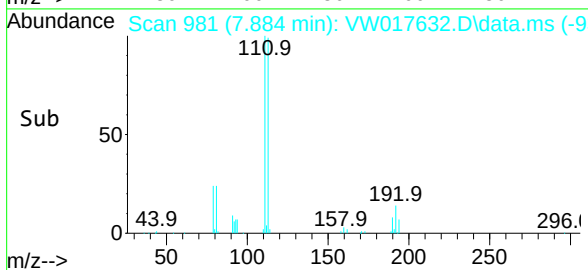
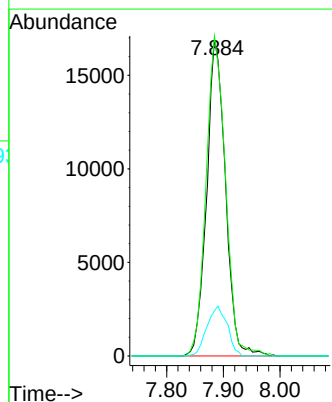
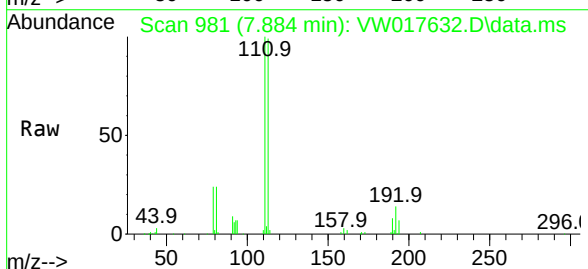
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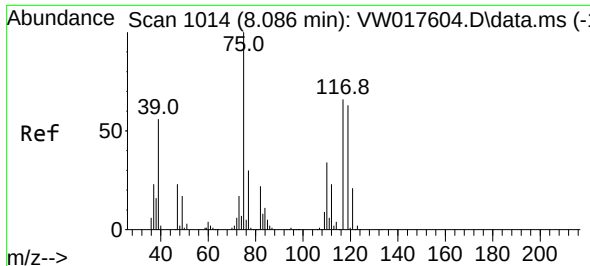
Tgt Ion:114 Resp: 399974
Ion Ratio Lower Upper
114 100
63 22.2 0.0 35.6
88 16.2 0.0 30.4



#35
Dibromofluoromethane
Concen: 14.68 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017632.D
Acq: 15 Dec 2020 14:28

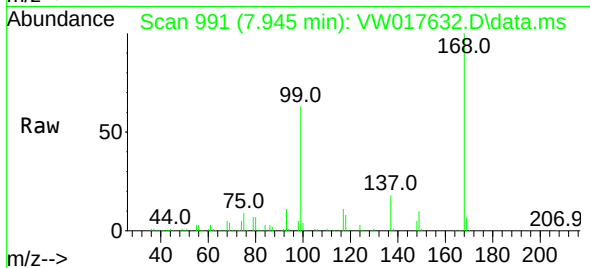
Tgt Ion:113 Resp: 38848
Ion Ratio Lower Upper
113 100
111 105.2 81.4 122.2
192 17.1 17.8 26.8#



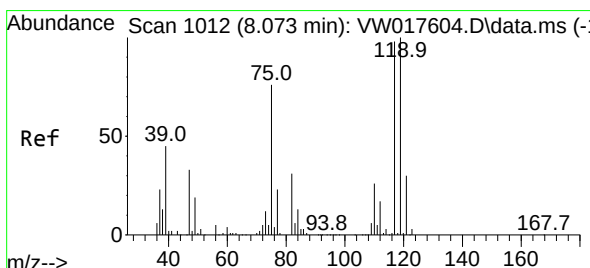
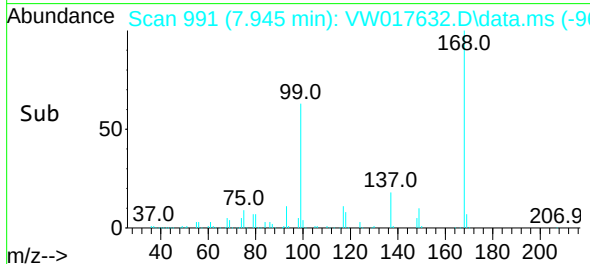
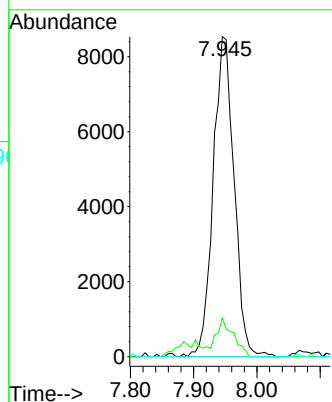


#36
1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.141 min
Lab File: VW017632.D
Acq: 15 Dec 2020 14:28

Instrument :
MSVOA_W
ClientSampleId :

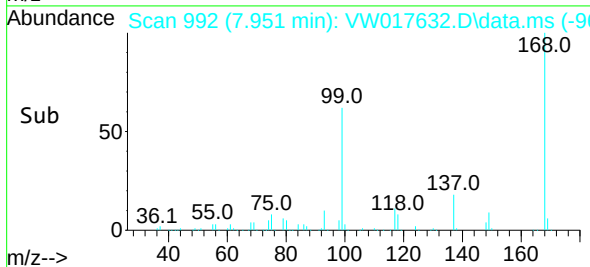
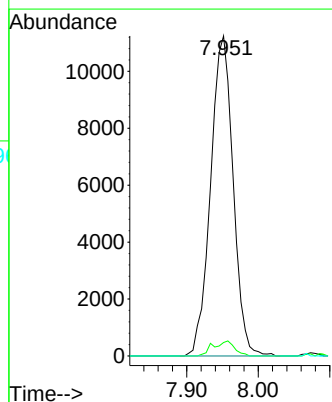
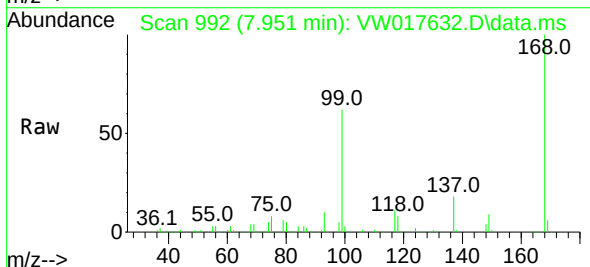


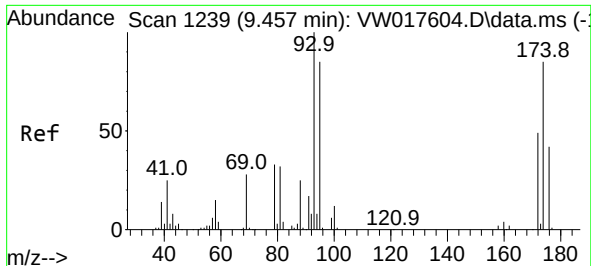
Tgt Ion: 75 Resp: 19567
Ion Ratio Lower Upper
75 100
110 10.4 19.3 57.9#
77 0.0 25.0 37.6#



#38
Carbon Tetrachloride
Concen: 5.85 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.122 min
Lab File: VW017632.D
Acq: 15 Dec 2020 14:28

Tgt Ion: 117 Resp: 24629
Ion Ratio Lower Upper
117 100
119 4.2 81.6 122.4#
121 0.0 25.7 38.5#

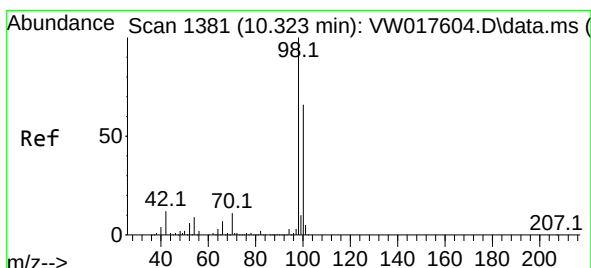
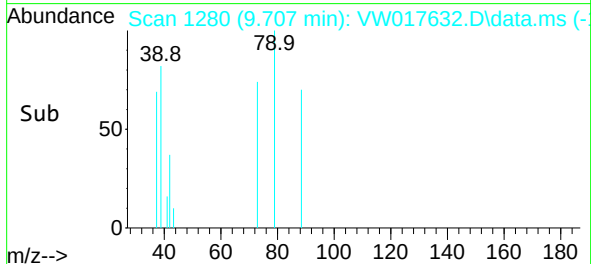
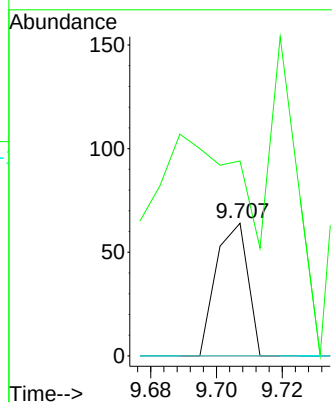
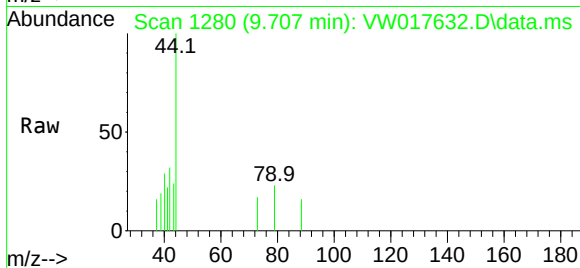




#49
1,4-Dioxane
Concen: 2.27 ug/l
RT: 9.707 min Scan# 1280
Delta R.T. 0.250 min
Lab File: VW017632.D
Acq: 15 Dec 2020 14:28

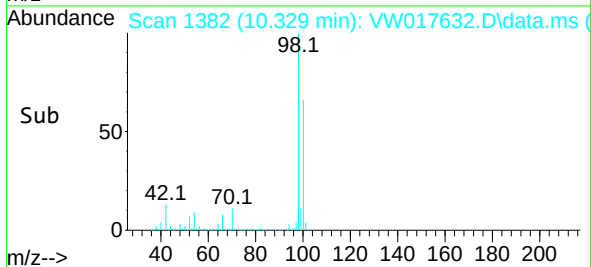
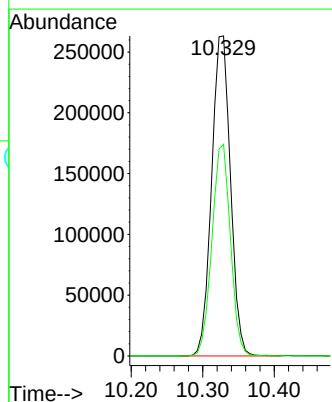
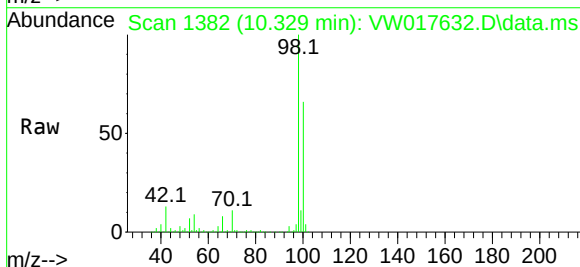
Instrument :
MSVOA_W
ClientSampleId :

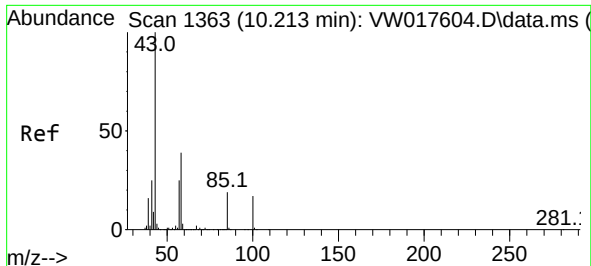
Tgt Ion: 88 Resp: 43
Ion Ratio Lower Upper
88 100
43 162.8 0.0 0.0#
58 0.0 54.0 81.0#



#50
Toluene-d8
Concen: 46.81 ug/l
RT: 10.329 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VW017632.D
Acq: 15 Dec 2020 14:28

Tgt Ion: 98 Resp: 482351
Ion Ratio Lower Upper
98 100
100 64.9 53.3 79.9

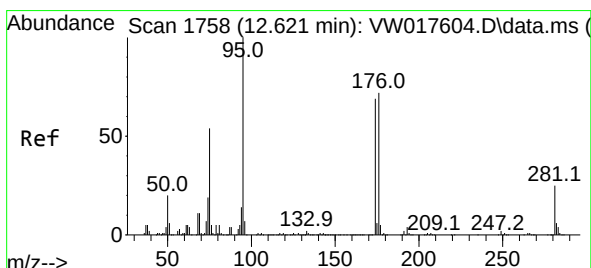
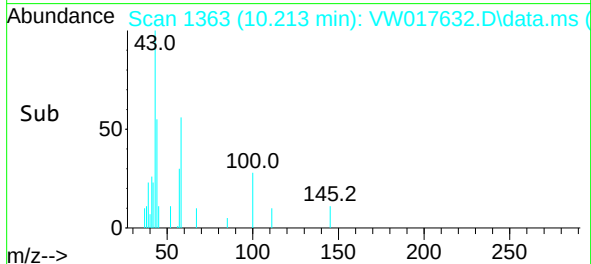
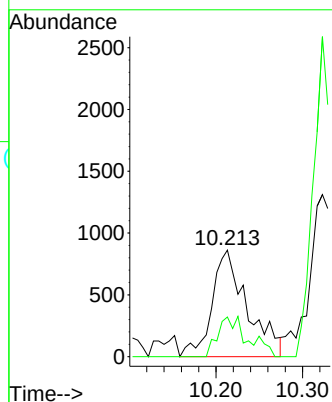
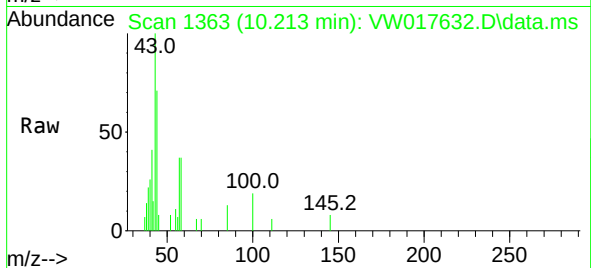




#51
4-Methyl-2-Pentanone
Concen: 1.49 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW017632.D
Acq: 15 Dec 2020 14:28

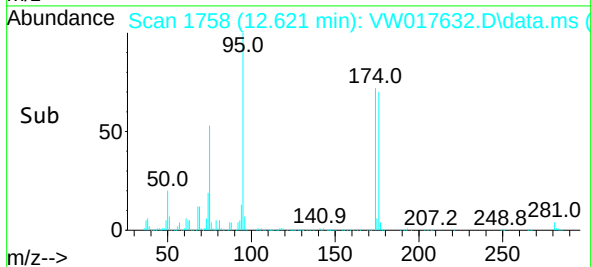
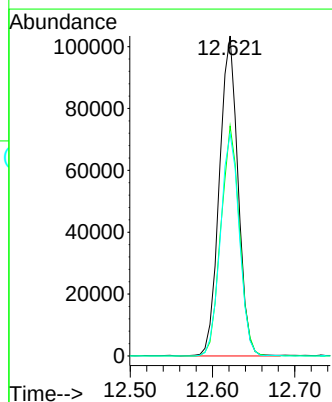
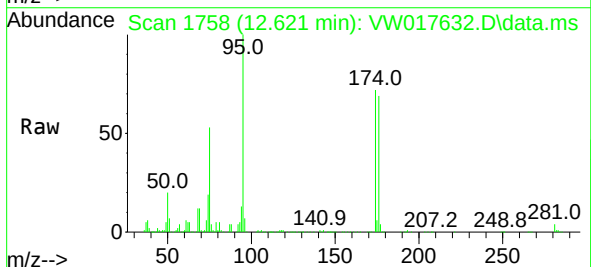
Instrument :
MSVOA_W
ClientSampleId :

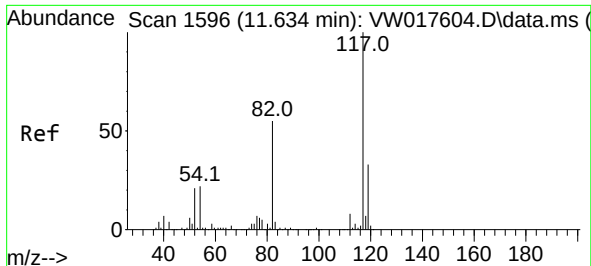
Tgt Ion: 43 Resp: 2436
Ion Ratio Lower Upper
43 100
58 26.4 34.7 52.1#



#62
4-Bromofluorobenzene
Concen: 44.32 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017632.D
Acq: 15 Dec 2020 14:28

Tgt Ion: 95 Resp: 163062
Ion Ratio Lower Upper
95 100
174 71.7 0.0 180.6
176 70.5 0.0 177.6

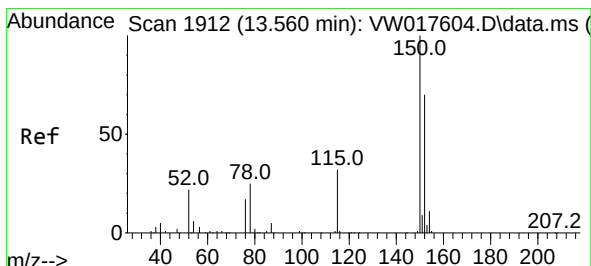
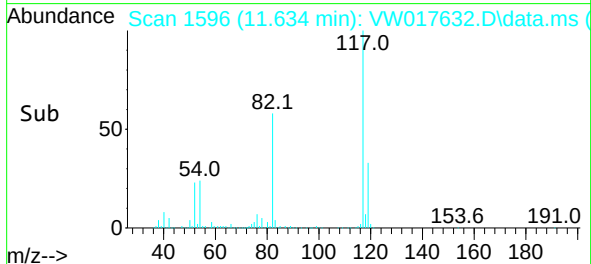
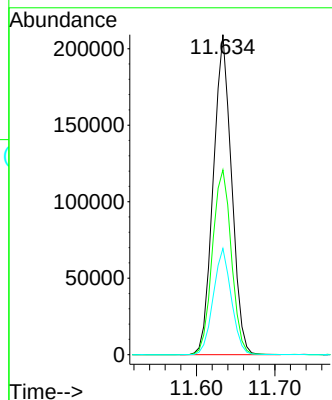
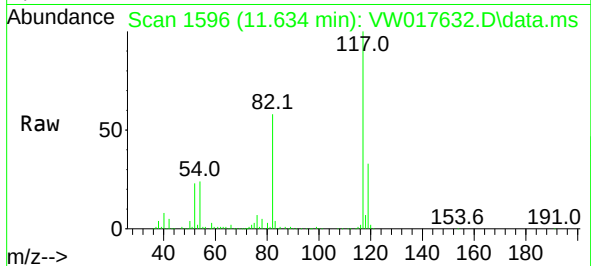




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017632.D
Acq: 15 Dec 2020 14:28

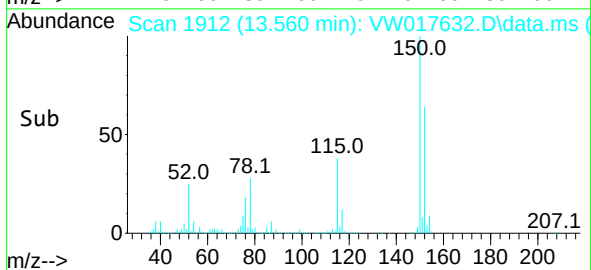
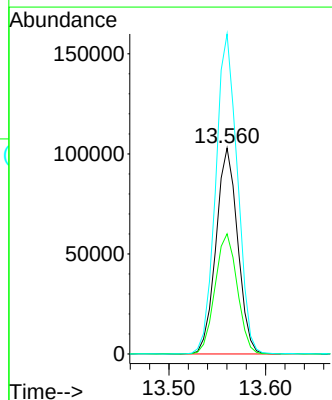
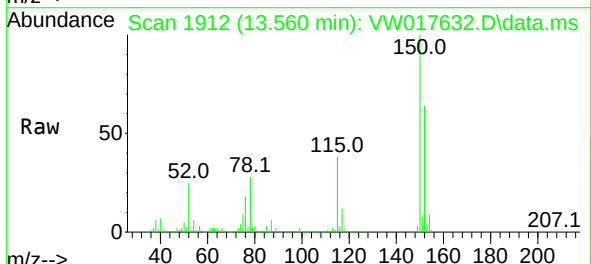
Instrument :
MSVOA_W
ClientSampleId :

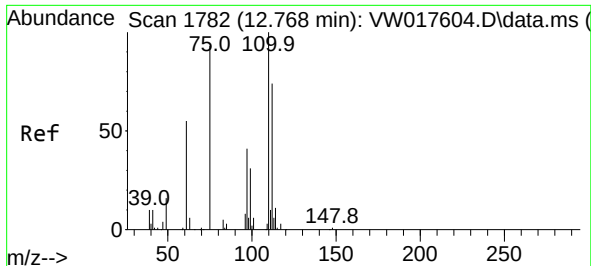
Tgt Ion:117 Resp: 338909
Ion Ratio Lower Upper
117 100
82 57.7 40.7 61.1
119 33.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017632.D
Acq: 15 Dec 2020 14:28

Tgt Ion:152 Resp: 160111
Ion Ratio Lower Upper
152 100
115 60.0 27.9 83.7
150 155.8 0.0 344.0

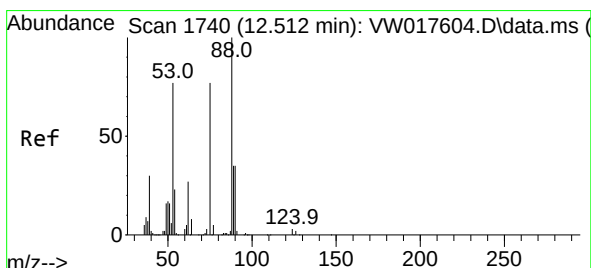
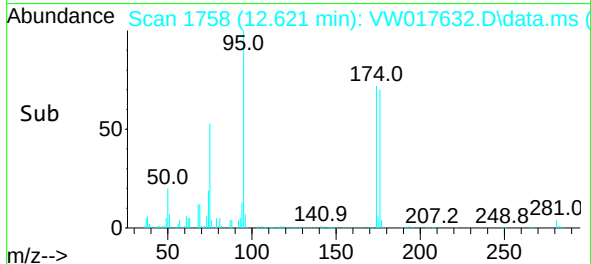
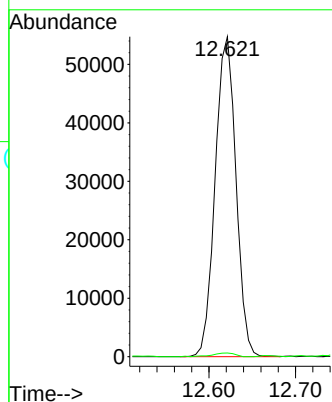
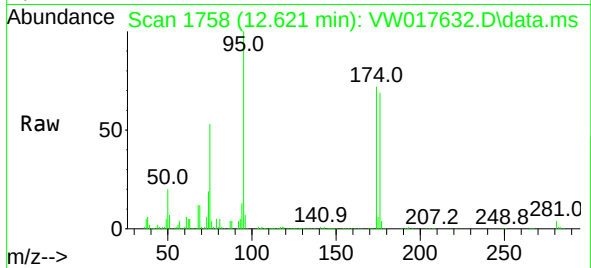




#76
1,2,3-Trichloropropane
Concen: 59.17 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW017632.D
Acq: 15 Dec 2020 14:28

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 91195
Ion Ratio Lower Upper
75 100
77 1.3 178.8 536.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.88 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.109 min
Lab File: VW017632.D
Acq: 15 Dec 2020 14:28

Tgt Ion: 75 Resp: 91195
Ion Ratio Lower Upper
75 100
53 0.1 77.0 115.4#
89 0.1 38.7 58.1#

