

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121520\
 Data File : VW017635.D
 Acq On : 15 Dec 2020 15:44
 Operator : SY/VA
 Sample : L5010-05RE
 Misc : 3.59G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 16 02:39:33 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)

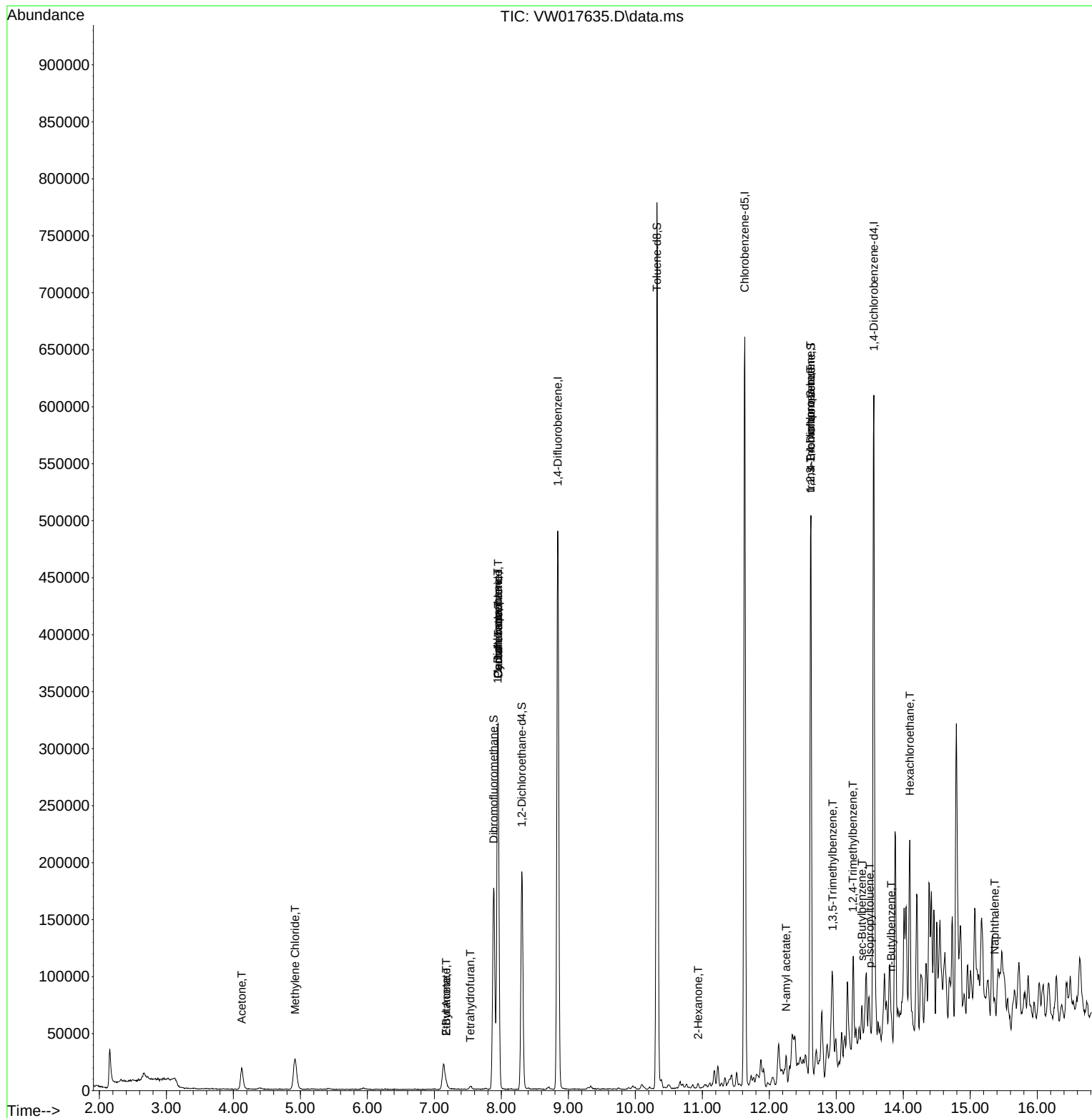
Internal Standards						
1) Pentafluorobenzene	7.952	168	231274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	406675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	352396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	136162	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	148862	52.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.68%	
35) Dibromofluoromethane	7.885	113	123326	45.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.66%	
50) Toluene-d8	10.323	98	494319	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
62) 4-Bromofluorobenzene	12.622	95	156635	41.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.74%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.172	59	645	Below Cal	#	31
16) Acetone	4.123	43	33105	54.01	ug/l	99
20) Methylene Chloride	4.922	84	21674	3.00	ug/l #	80
25) 2-Butanone	7.177	43	7191	8.81	ug/l #	88
26) 2,2-Dichloropropane	7.141	77	1660	Below Cal	#	50
29) Tetrahydrofuran	7.537	42	2437	5.31	ug/l #	86
31) Cyclohexane	7.952	56	6320	1.30	ug/l #	49
36) 1,1-Dichloropropene	7.946	75	20496	4.81	ug/l #	48
37) Ethyl Acetate	7.177	43	7191	4.04	ug/l #	67
38) Carbon Tetrachloride	7.952	117	25146	5.88	ug/l #	12
59) 2-Hexanone	10.939	43	1917	1.72	ug/l #	29
74) N-amyl acetate	12.250	43	5364	2.38	ug/l #	38
76) 1,2,3-Trichloropropane	12.615	75	89059	67.95	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.945	105	14085	1.55	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.615	75	89059	137.66	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.249	105	49477	5.51	ug/l	97
85) sec-Butylbenzene	13.384	105	18593	1.70	ug/l	82
86) p-Isopropyltoluene	13.499	119	13684	1.39	ug/l	99
89) n-Butylbenzene	13.823	91	12250	1.26	ug/l #	73
90) Hexachloroethane	14.097	117	7483	3.85	ug/l #	7
95) Naphthalene	15.365	128	11589	2.17	ug/l	99

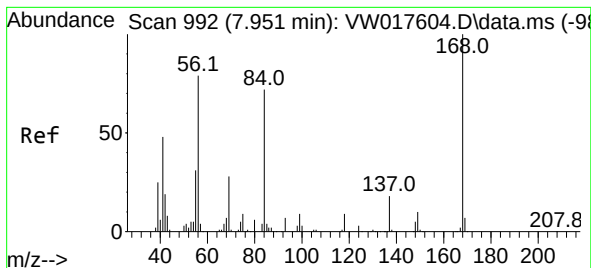
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121520\
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

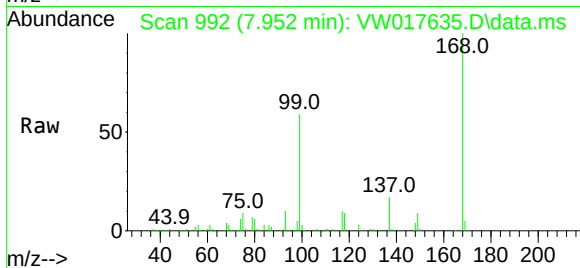
Quant Time: Dec 16 02:39:33 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 14 12:39:23 2020
Response via : Initial Calibration



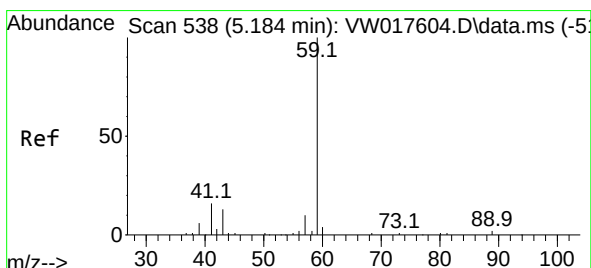
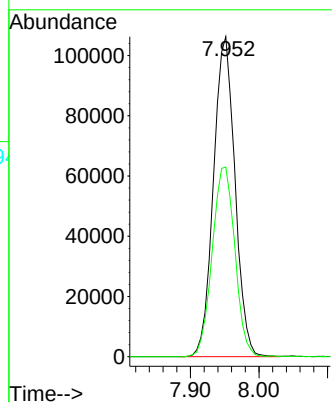
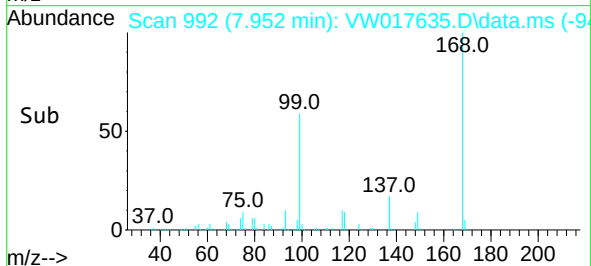


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW017635.D
Acq: 15 Dec 2020 15:44

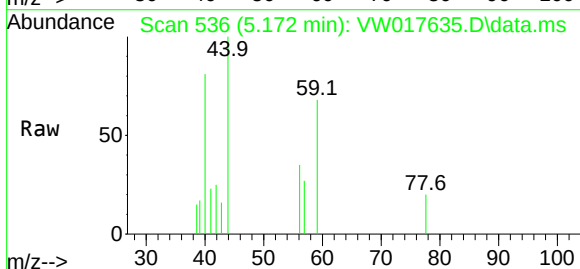
Instrument :
MSVOA_W
ClientSampleId :



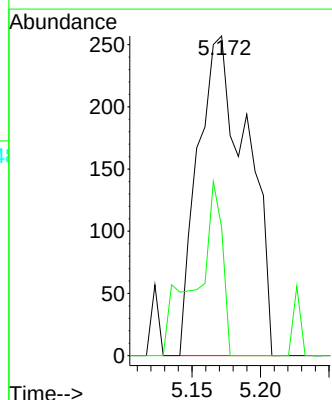
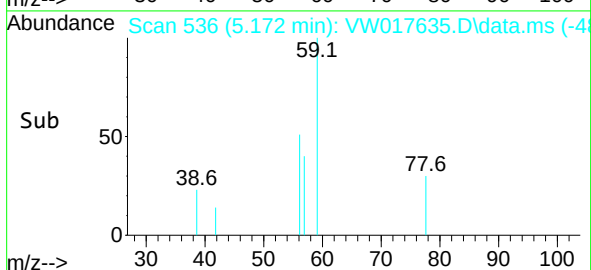
Tgt Ion:168 Resp: 231274
Ion Ratio Lower Upper
168 100
99 59.2 40.7 61.1

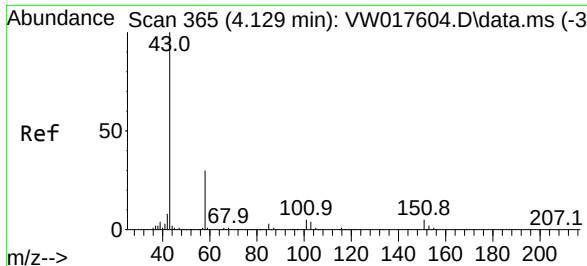


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.172 min Scan# 536
Delta R.T. -0.012 min
Lab File: VW017635.D
Acq: 15 Dec 2020 15:44



Tgt Ion: 59 Resp: 645
Ion Ratio Lower Upper
59 100
57 29.1 4.7 7.1#

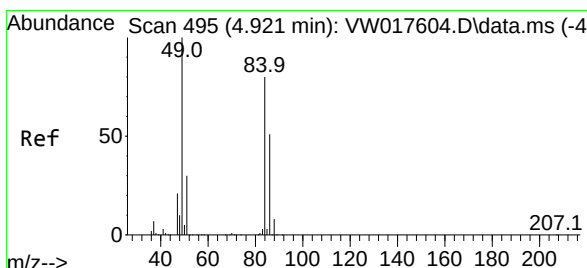
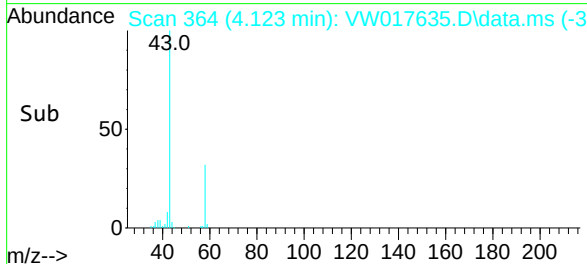
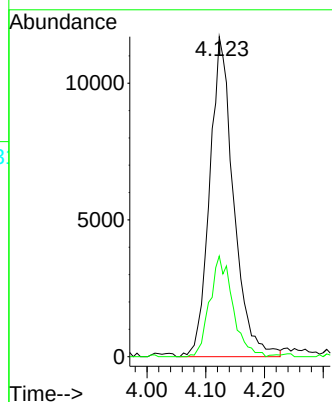
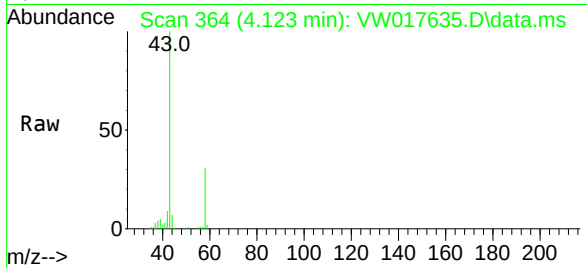




#16
Acetone
Concen: 54.01 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW017635.D
Acq: 15 Dec 2020 15:44

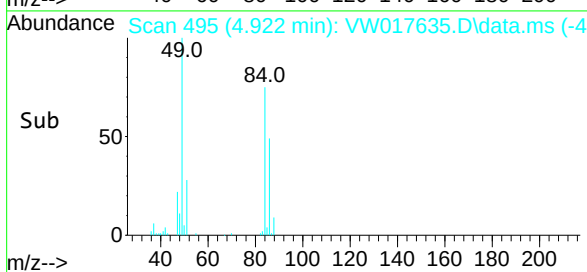
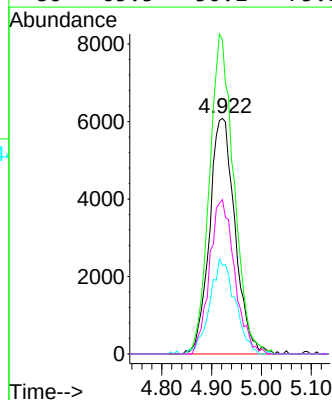
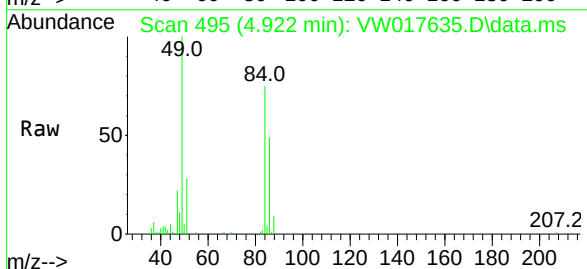
Instrument :
MSVOA_W
ClientSampled :

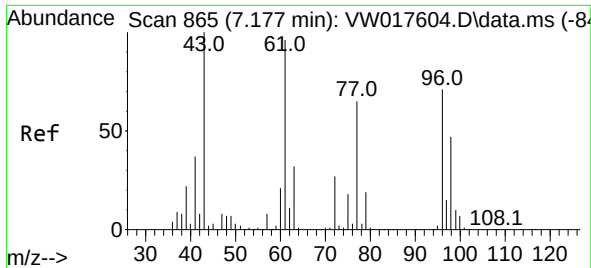
Tgt Ion: 43 Resp: 33105
Ion Ratio Lower Upper
43 100
58 31.5 25.7 38.5



#20
Methylene Chloride
Concen: 3.00 ug/l
RT: 4.922 min Scan# 495
Delta R.T. 0.001 min
Lab File: VW017635.D
Acq: 15 Dec 2020 15:44

Tgt Ion: 84 Resp: 21674
Ion Ratio Lower Upper
84 100
49 133.2 79.0 118.6#
51 37.6 26.1 39.1
86 65.5 50.1 75.1

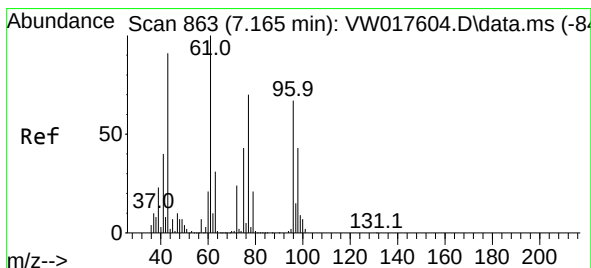
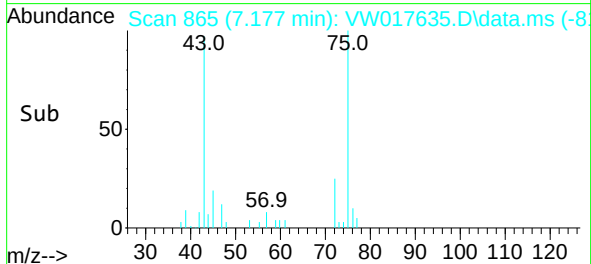
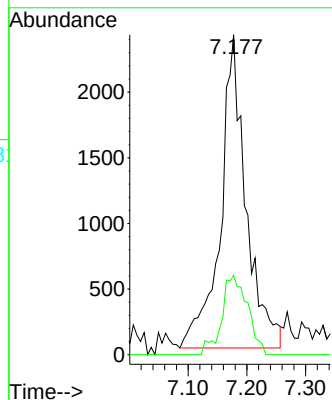
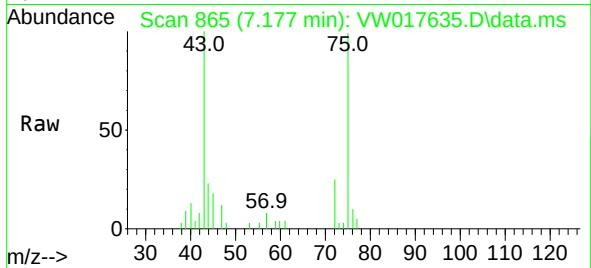




#25
2-Butanone
Concen: 8.81 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW017635.D
Acq: 15 Dec 2020 15:44

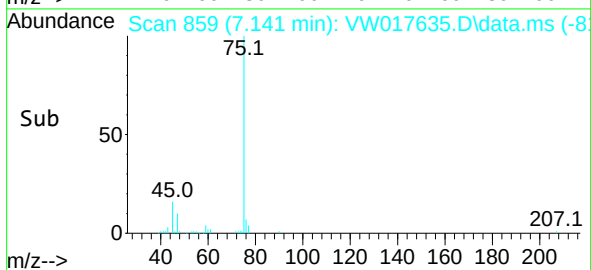
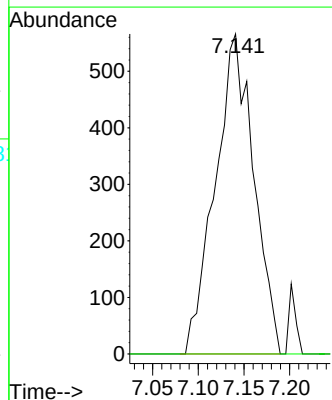
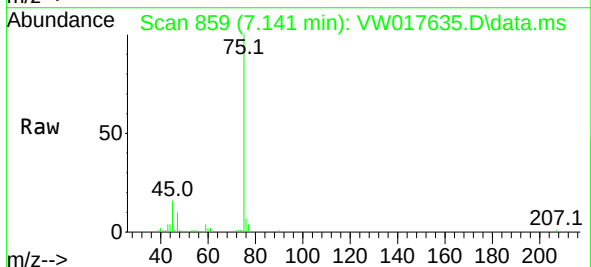
Instrument :
MSVOA_W
ClientSampled :

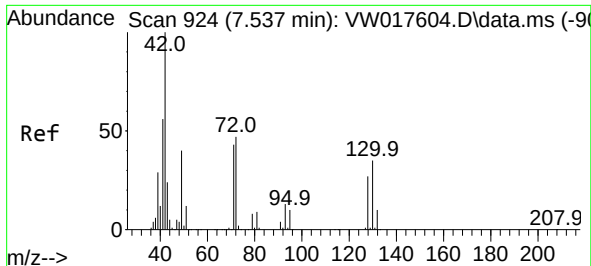
Tgt Ion: 43 Resp: 7191
Ion Ratio Lower Upper
43 100
72 25.3 25.4 38.2#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.141 min Scan# 859
Delta R.T. -0.024 min
Lab File: VW017635.D
Acq: 15 Dec 2020 15:44

Tgt Ion: 77 Resp: 1660
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#





#29

Tetrahydrofuran

Concen: 5.31 ug/l

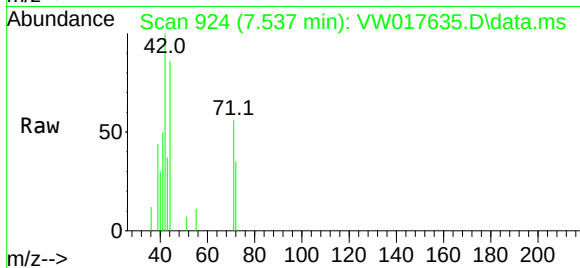
RT: 7.537 min Scan# 924

Delta R.T. 0.000 min

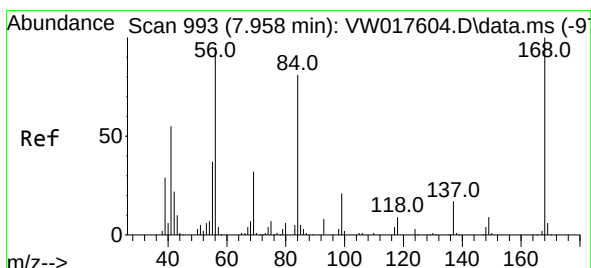
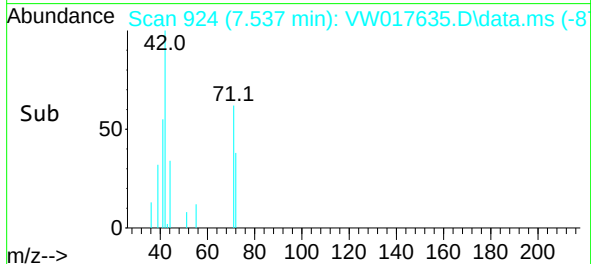
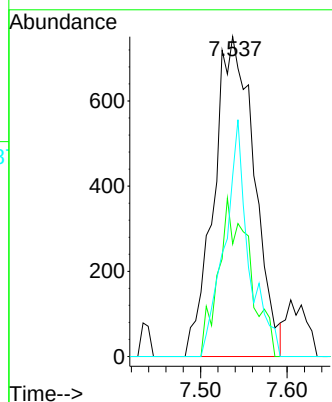
Lab File: VW017635.D

Acq: 15 Dec 2020 15:44

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	42	Resp:	2437
Ion	Ratio	Lower	Upper
42	100		
72	38.2	42.0	63.0#
71	44.3	39.0	58.6



#31

Cyclohexane

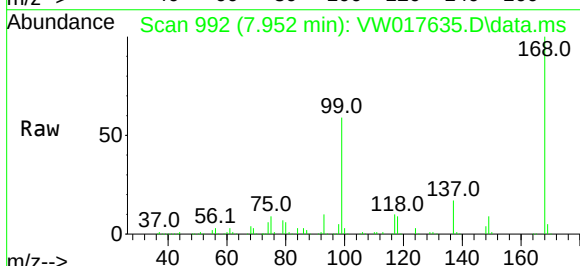
Concen: 1.30 ug/l

RT: 7.952 min Scan# 992

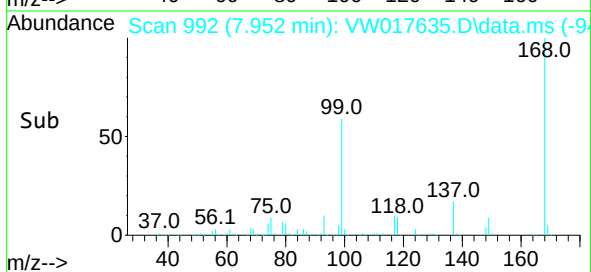
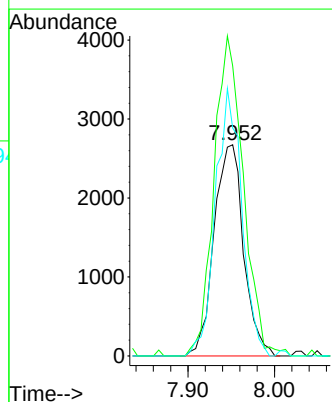
Delta R.T. -0.006 min

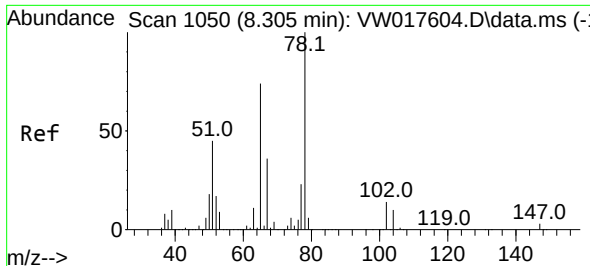
Lab File: VW017635.D

Acq: 15 Dec 2020 15:44



Tgt Ion:	56	Resp:	6320
Ion	Ratio	Lower	Upper
56	100		
69	137.4	29.3	43.9#
84	107.9	80.5	120.7

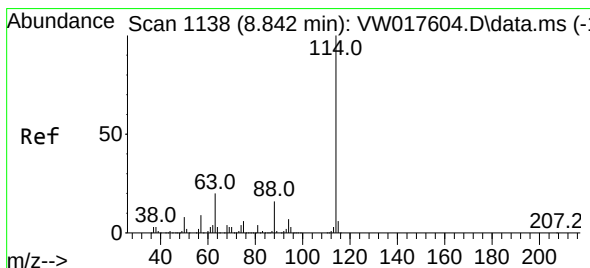
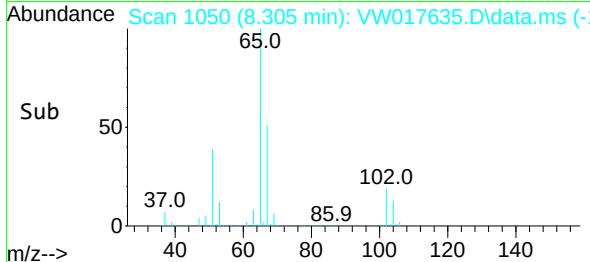
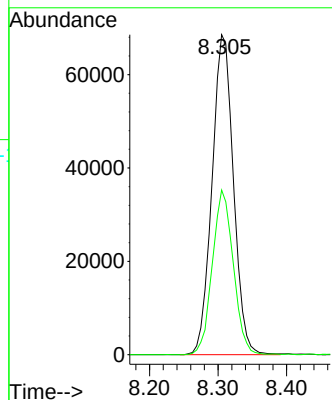
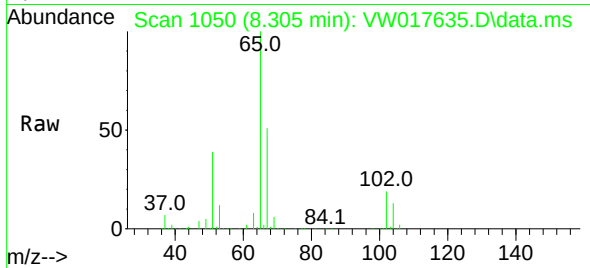




#33
1,2-Dichloroethane-d4
Concen: 52.84 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017635.D
Acq: 15 Dec 2020 15:44

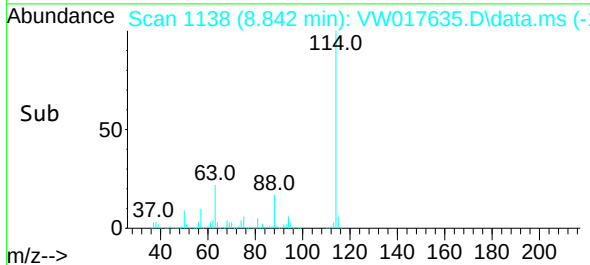
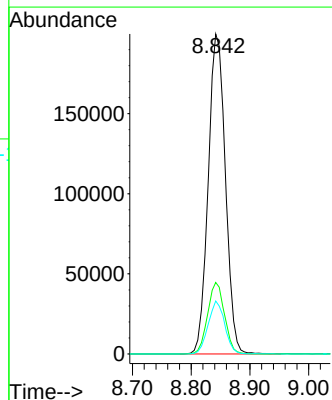
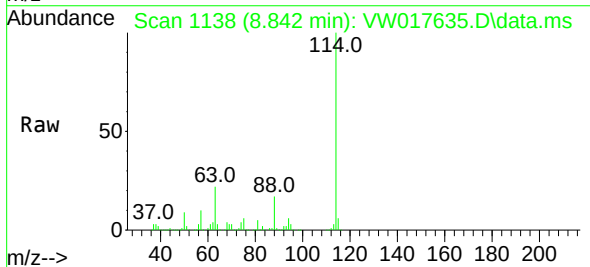
Instrument :
MSVOA_W
ClientSampleId :

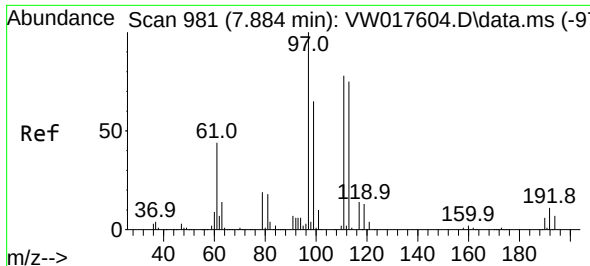
Tgt Ion: 65 Resp: 148862
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017635.D
Acq: 15 Dec 2020 15:44

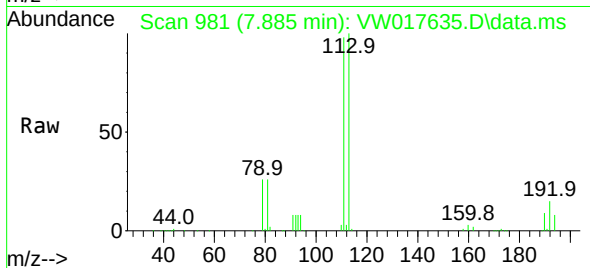
Tgt Ion: 114 Resp: 406675
Ion Ratio Lower Upper
114 100
63 22.3 0.0 35.6
88 16.6 0.0 30.4



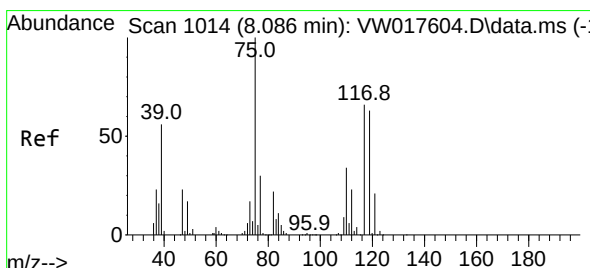
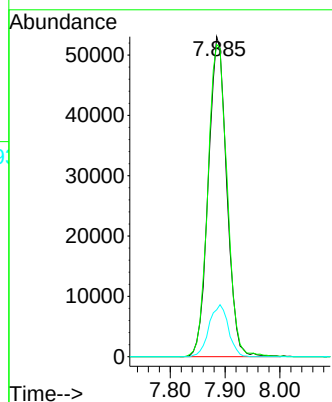
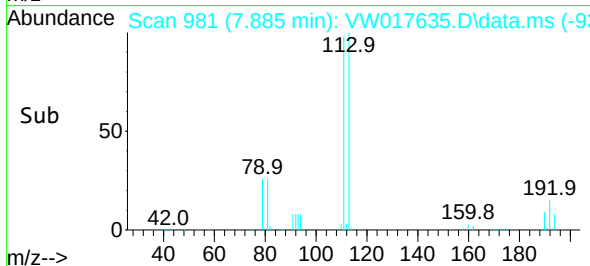


#35
Dibromofluoromethane
Concen: 45.83 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.001 min
Lab File: VW017635.D
Acq: 15 Dec 2020 15:44

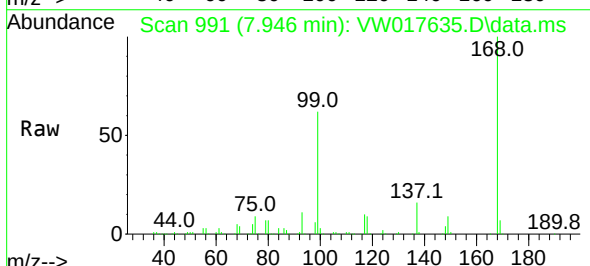
Instrument :
MSVOA_W
ClientSampleId :



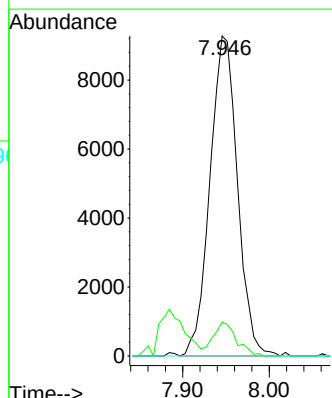
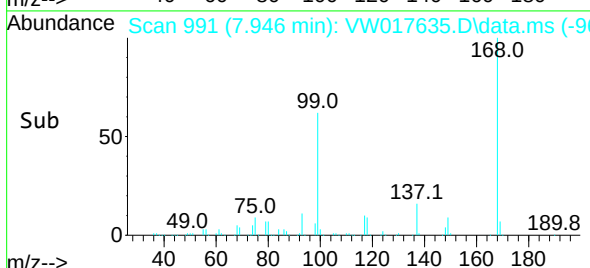
Tgt Ion:113 Resp: 123326
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.2
192 17.0 17.8 26.8#

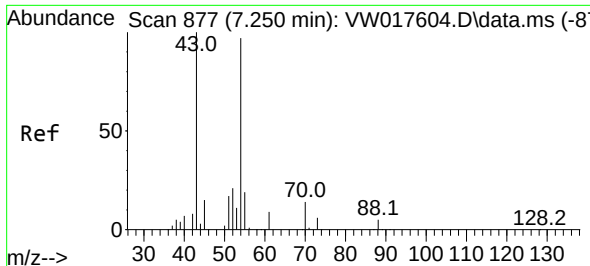


#36
1,1-Dichloropropene
Concen: 4.81 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.140 min
Lab File: VW017635.D
Acq: 15 Dec 2020 15:44



Tgt Ion: 75 Resp: 20496
Ion Ratio Lower Upper
75 100
110 9.0 19.3 57.9#
77 0.0 25.0 37.6#

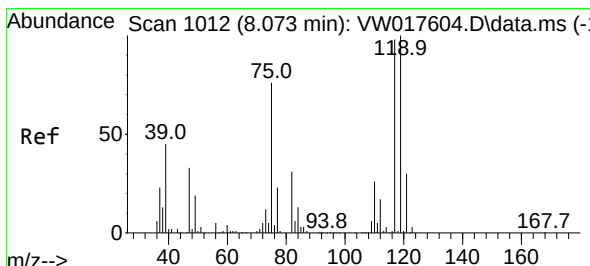
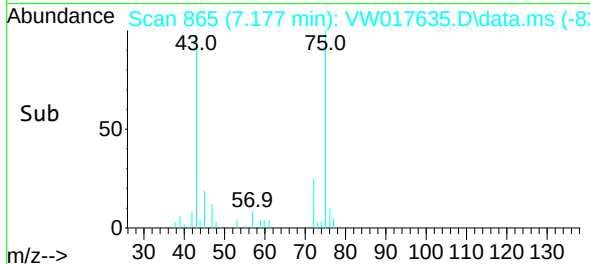
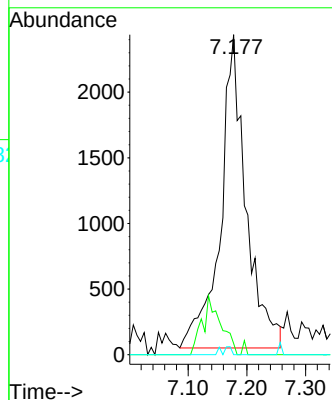
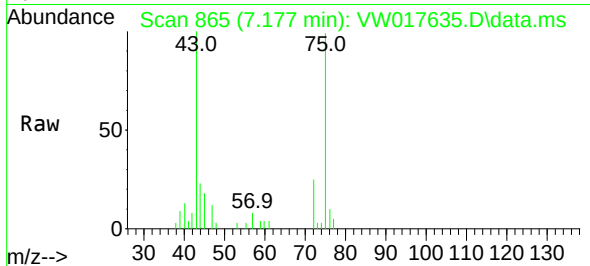




#37
Ethyl Acetate
Concen: 4.04 ug/l
RT: 7.177 min Scan# 865
Delta R.T. -0.073 min
Lab File: VW017635.D
Acq: 15 Dec 2020 15:44

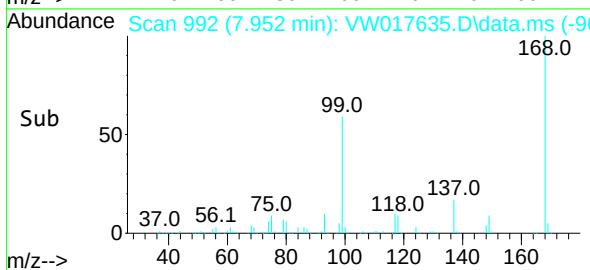
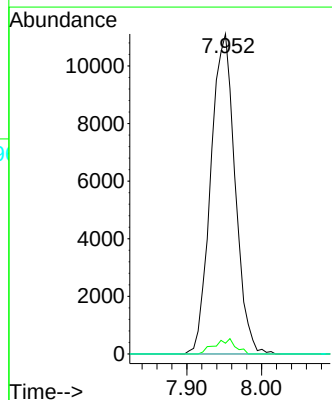
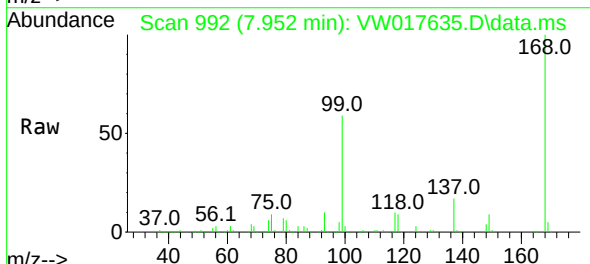
Instrument :
MSVOA_W
ClientSampleId :

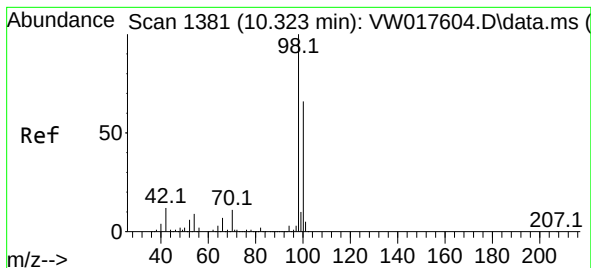
Tgt Ion: 43 Resp: 7191
Ion Ratio Lower Upper
43 100
61 0.0 12.0 18.0#
70 0.9 9.9 14.9#



#38
Carbon Tetrachloride
Concen: 5.88 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.121 min
Lab File: VW017635.D
Acq: 15 Dec 2020 15:44

Tgt Ion: 117 Resp: 25146
Ion Ratio Lower Upper
117 100
119 3.4 81.6 122.4#
121 0.0 25.7 38.5#

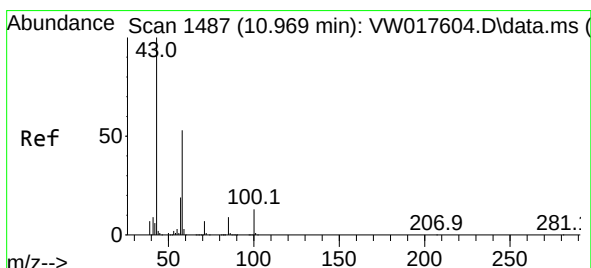
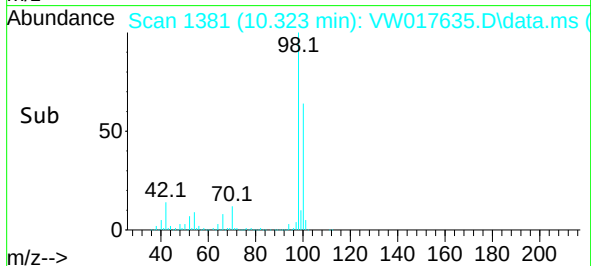
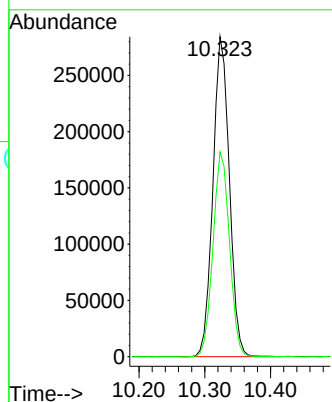
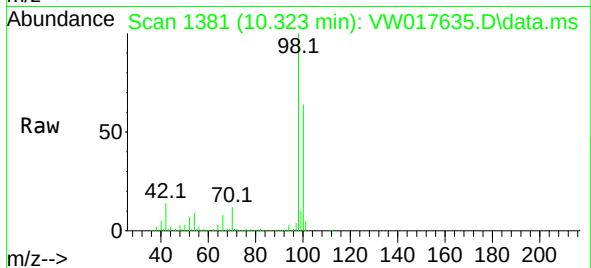




#50
Toluene-d8
Concen: 47.18 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017635.D
Acq: 15 Dec 2020 15:44

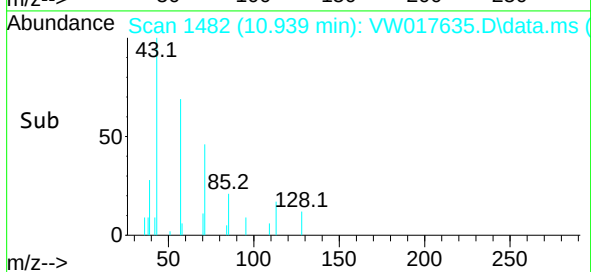
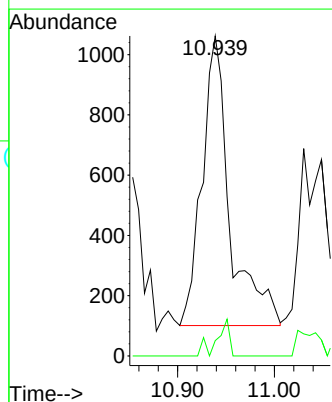
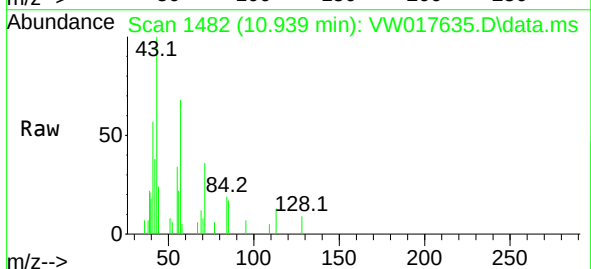
Instrument :
MSVOA_W
ClientSampled :

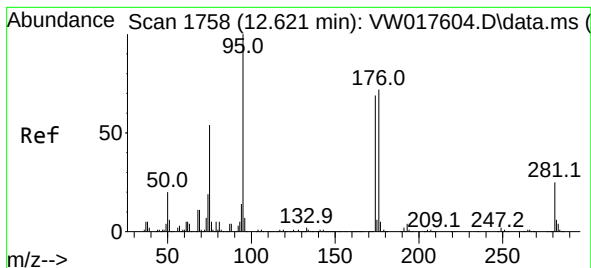
Tgt Ion: 98 Resp: 494319
Ion Ratio Lower Upper
98 100
100 64.3 53.3 79.9



#59
2-Hexanone
Concen: 1.72 ug/l
RT: 10.939 min Scan# 1482
Delta R.T. -0.030 min
Lab File: VW017635.D
Acq: 15 Dec 2020 15:44

Tgt Ion: 43 Resp: 1917
Ion Ratio Lower Upper
43 100
58 5.7 29.5 88.5#

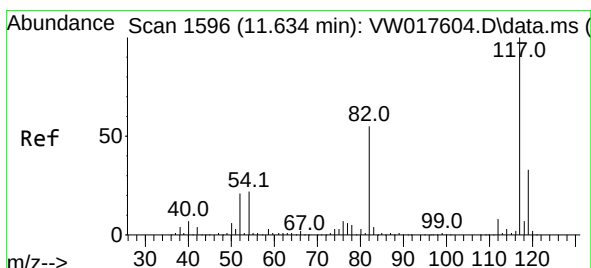
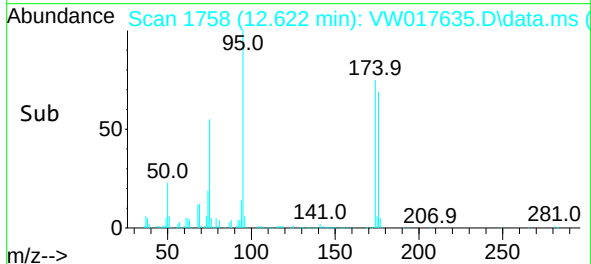
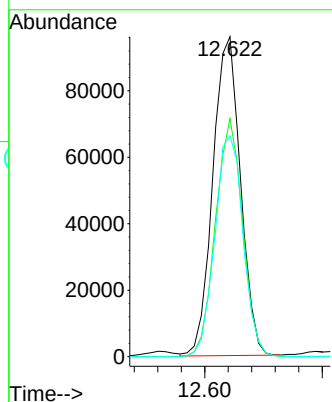
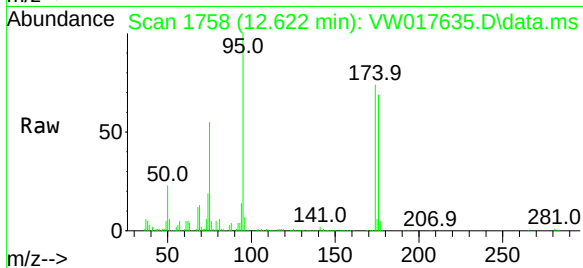




#62
4-Bromofluorobenzene
Concen: 41.87 ug/l
RT: 12.622 min Scan# 1758
Delta R.T. 0.001 min
Lab File: VW017635.D
Acq: 15 Dec 2020 15:44

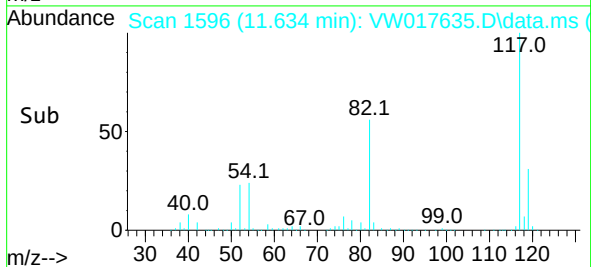
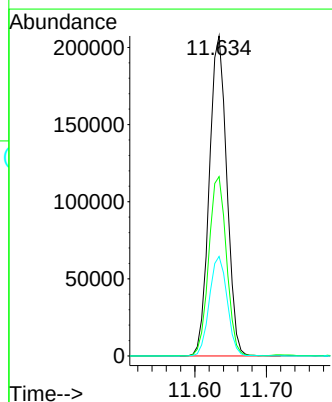
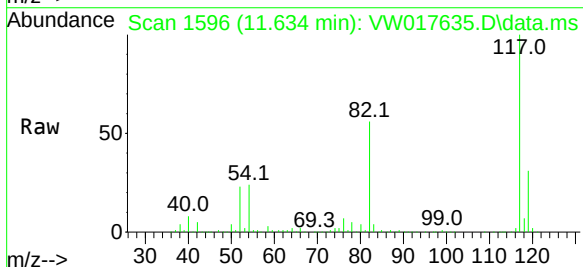
Instrument :
MSVOA_W
ClientSampleId :

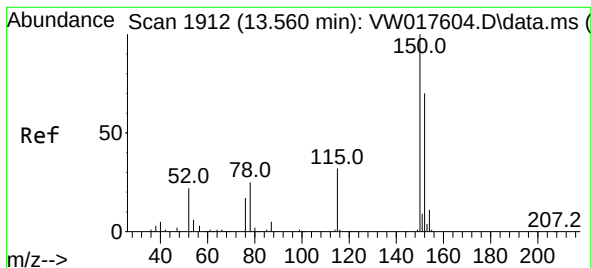
Tgt Ion: 95 Resp: 156635
Ion Ratio Lower Upper
95 100
174 73.3 0.0 180.6
176 71.0 0.0 177.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017635.D
Acq: 15 Dec 2020 15:44

Tgt Ion: 117 Resp: 352396
Ion Ratio Lower Upper
117 100
82 55.9 40.7 61.1
119 31.1 25.0 37.4

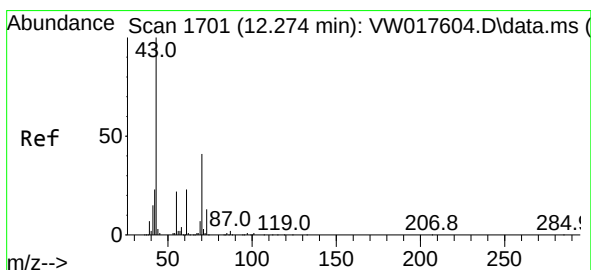
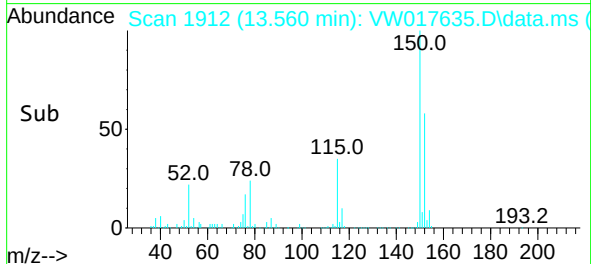
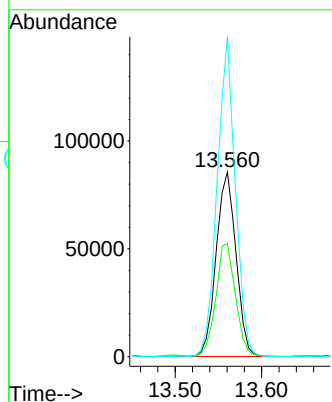
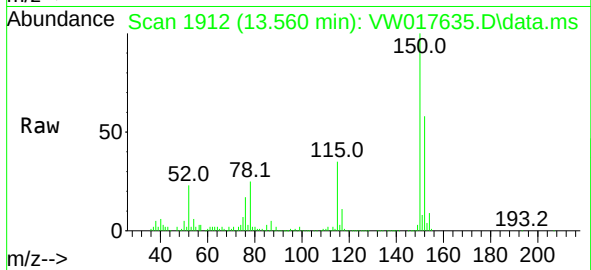




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017635.D
Acq: 15 Dec 2020 15:44

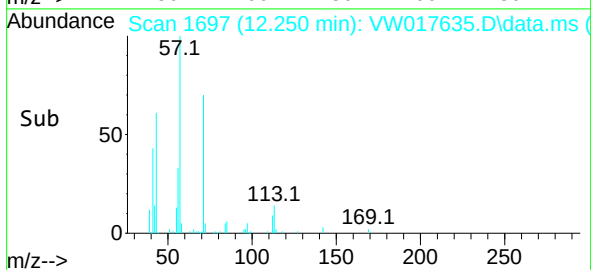
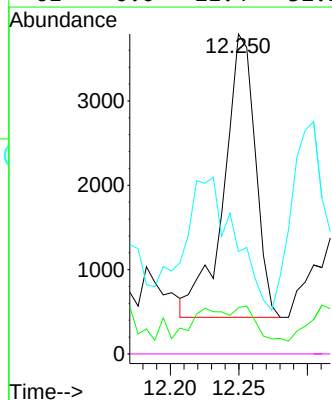
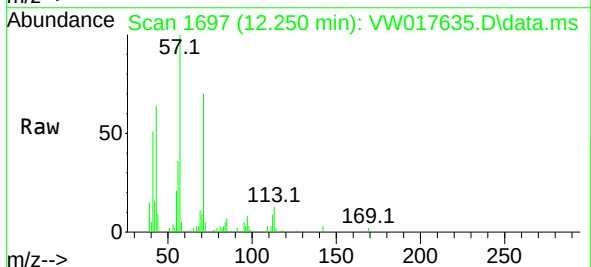
Instrument :
MSVOA_W
ClientSampleId :

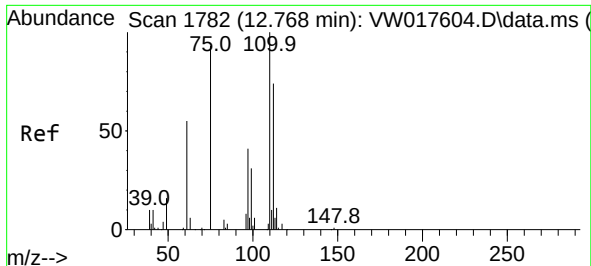
Tgt Ion:152 Resp: 136162
Ion Ratio Lower Upper
152 100
115 60.8 27.9 83.7
150 158.7 0.0 344.0



#74
N-ethyl acetate
Concen: 2.38 ug/l
RT: 12.250 min Scan# 1697
Delta R.T. -0.024 min
Lab File: VW017635.D
Acq: 15 Dec 2020 15:44

Tgt Ion: 43 Resp: 5364
Ion Ratio Lower Upper
43 100
70 0.0 40.2 60.4#
55 0.0 21.4 32.0#
61 0.0 21.4 32.2#

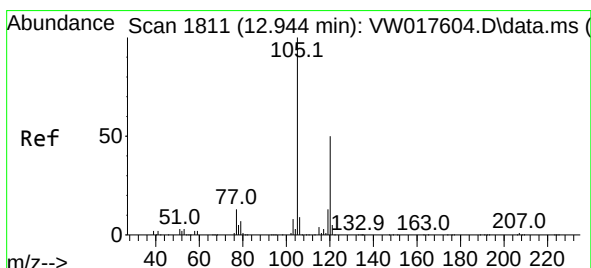
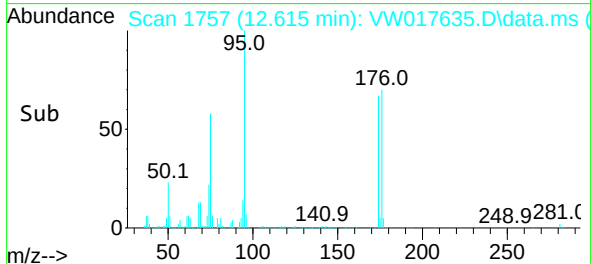
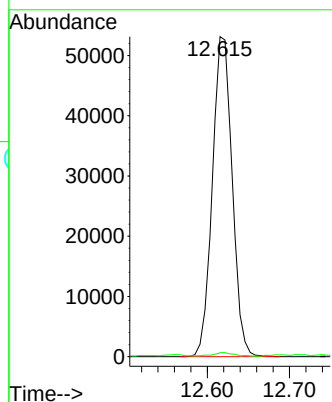
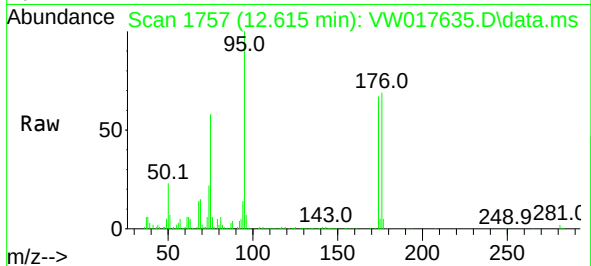




#76
1,2,3-Trichloropropane
Concen: 67.95 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW017635.D
Acq: 15 Dec 2020 15:44

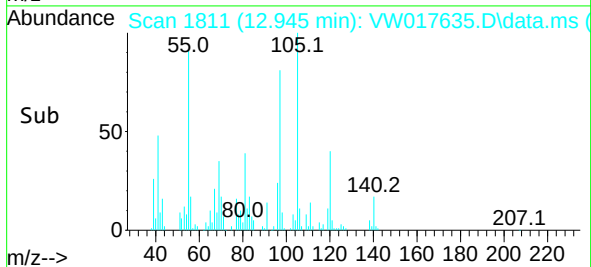
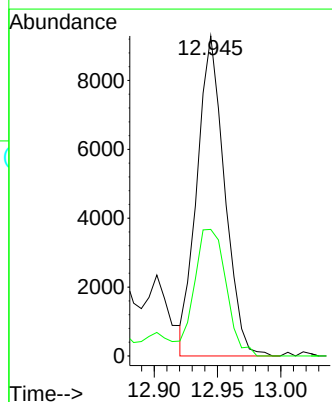
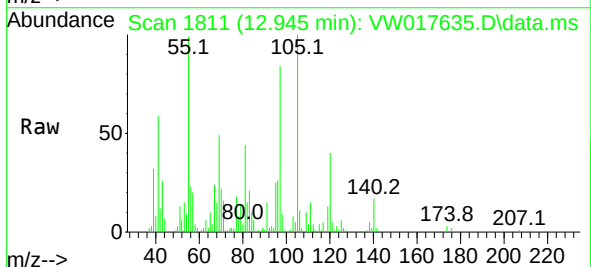
Instrument :
MSVOA_W
ClientSampleId :

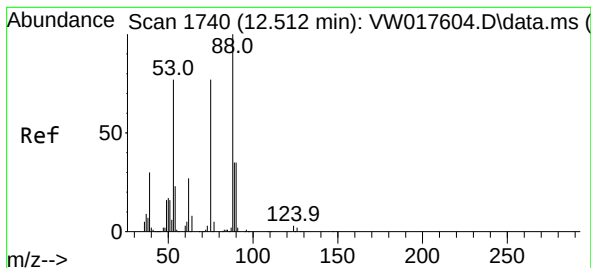
Tgt Ion: 75 Resp: 89059
Ion Ratio Lower Upper
75 100
77 1.2 178.8 536.3#



#80
1,3,5-Trimethylbenzene
Concen: 1.55 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.001 min
Lab File: VW017635.D
Acq: 15 Dec 2020 15:44

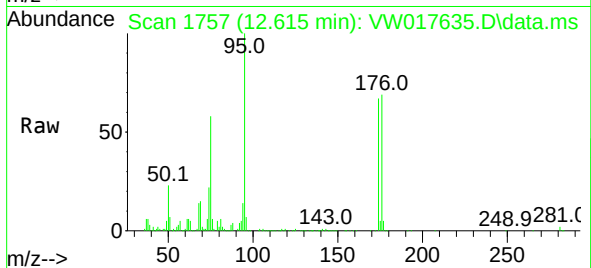
Tgt Ion: 105 Resp: 14085
Ion Ratio Lower Upper
105 100
120 46.1 24.9 74.8



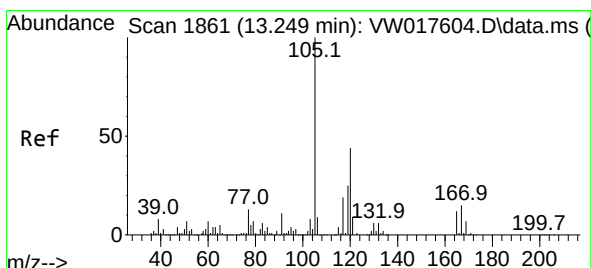
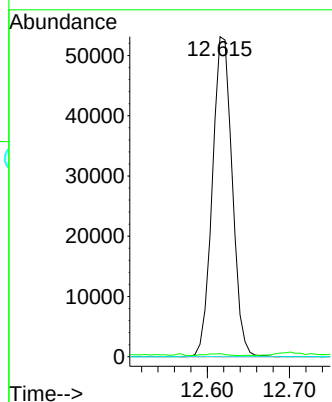
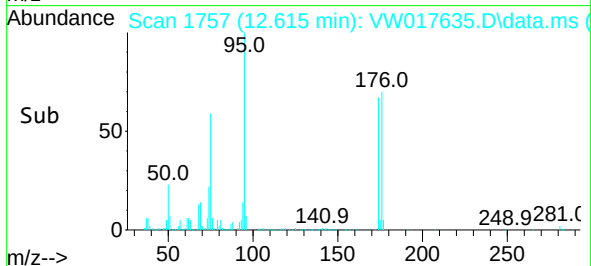


#81
trans-1,4-Dichloro-2-butene
Concen: 137.66 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.103 min
Lab File: VW017635.D
Acq: 15 Dec 2020 15:44

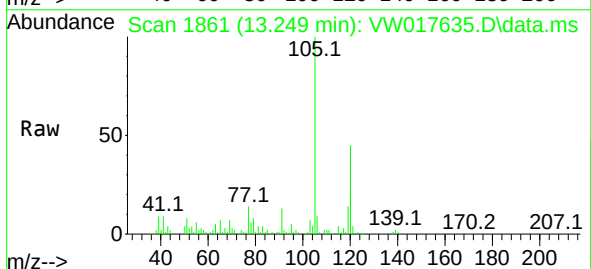
Instrument :
MSVOA_W
ClientSampleId :



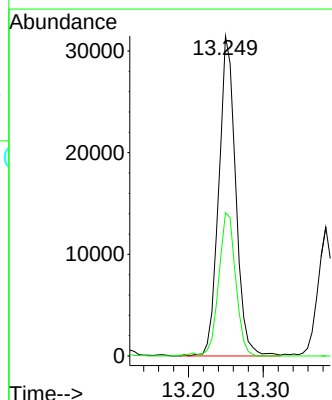
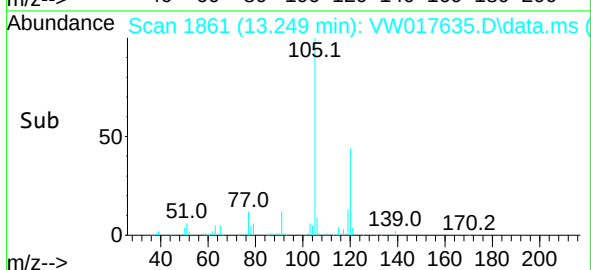
Tgt Ion: 75 Resp: 89059
Ion Ratio Lower Upper
75 100
53 0.7 77.0 115.4#
89 0.0 38.7 58.1#

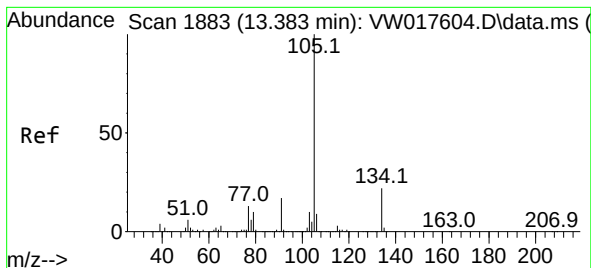


#84
1,2,4-Trimethylbenzene
Concen: 5.51 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW017635.D
Acq: 15 Dec 2020 15:44



Tgt Ion: 105 Resp: 49477
Ion Ratio Lower Upper
105 100
120 45.0 23.4 70.0

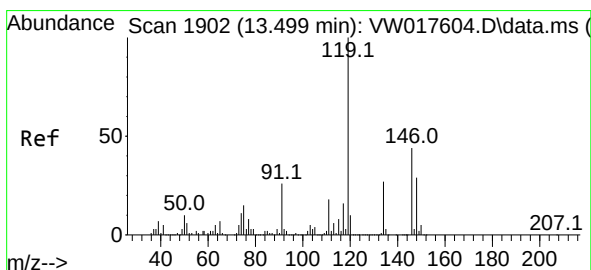
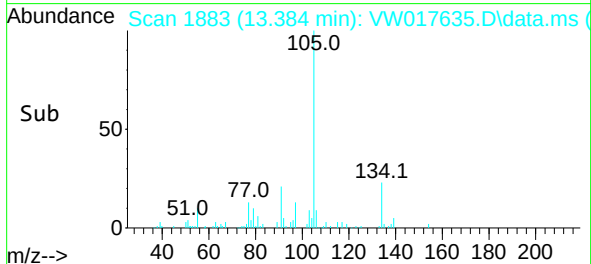
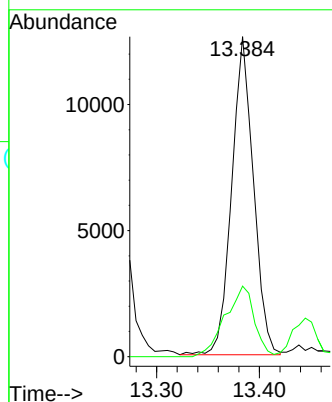
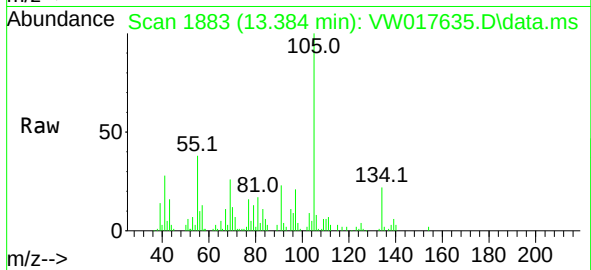




#85
 sec-Butylbenzene
 Concen: 1.70 ug/l
 RT: 13.384 min Scan# 1883
 Delta R.T. 0.001 min
 Lab File: VW017635.D
 Acq: 15 Dec 2020 15:44

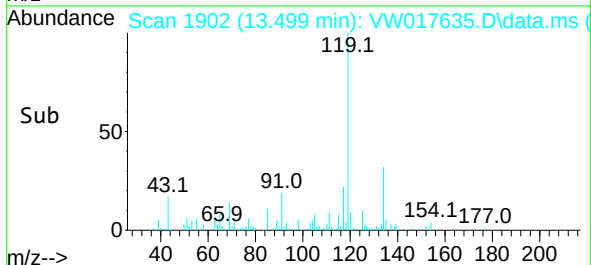
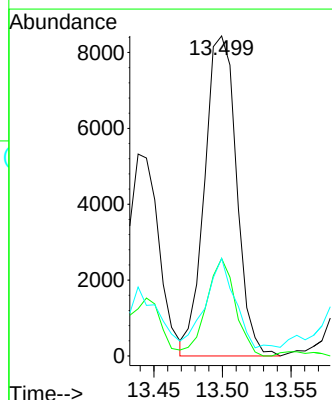
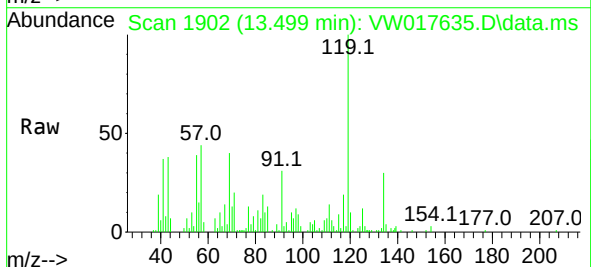
Instrument :
 MSVOA_W
 ClientSampled :

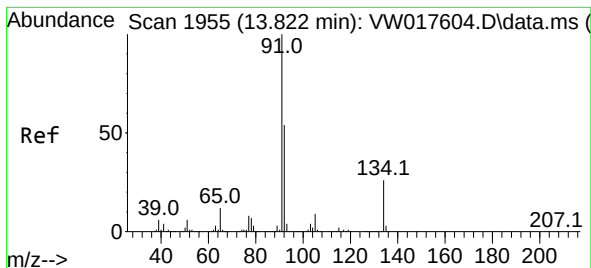
Tgt Ion:105 Resp: 18593
 Ion Ratio Lower Upper
 105 100
 134 29.6 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 1.39 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW017635.D
 Acq: 15 Dec 2020 15:44

Tgt Ion:119 Resp: 13684
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.8 41.3
 91 23.7 11.3 33.9

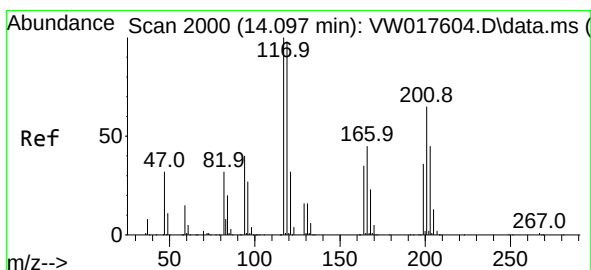
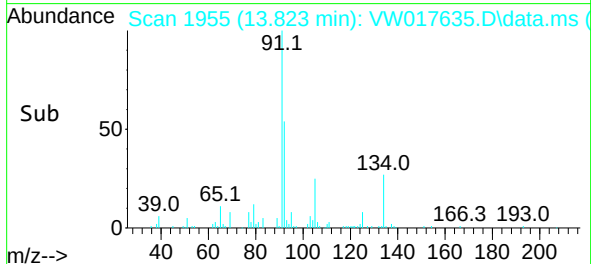
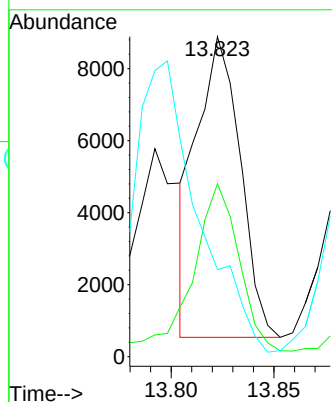
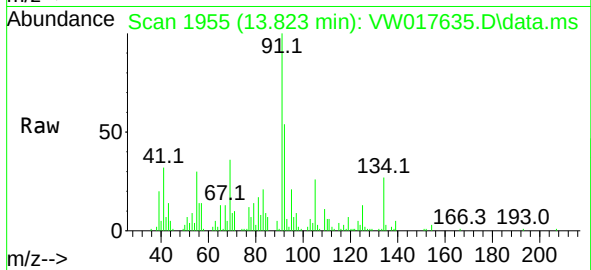




#89
n-Butylbenzene
Concen: 1.26 ug/l
RT: 13.823 min Scan# 1955
Delta R.T. 0.001 min
Lab File: VW017635.D
Acq: 15 Dec 2020 15:44

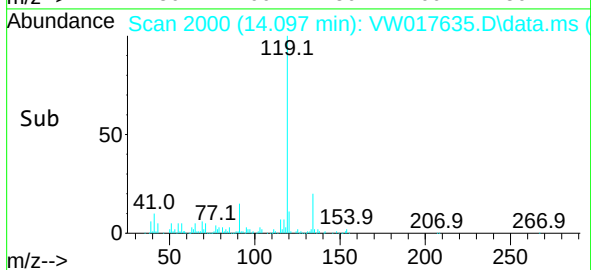
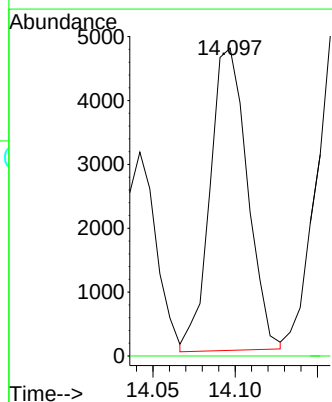
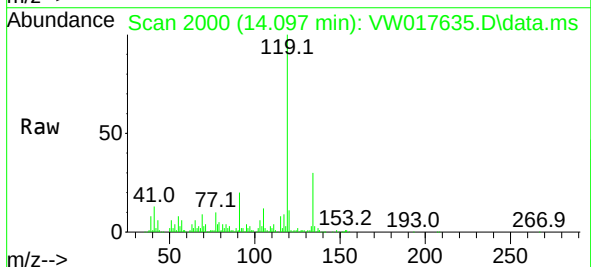
Instrument :
MSVOA_W
ClientSampleId :

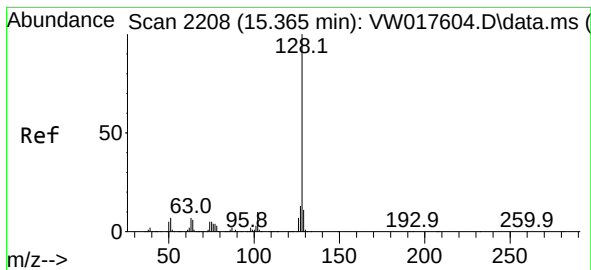
Tgt Ion: 91 Resp: 12250
Ion Ratio Lower Upper
91 100
92 62.5 26.6 79.7
134 0.0 14.3 42.9#



#90
Hexachloroethane
Concen: 3.85 ug/l
RT: 14.097 min Scan# 2000
Delta R.T. -0.000 min
Lab File: VW017635.D
Acq: 15 Dec 2020 15:44

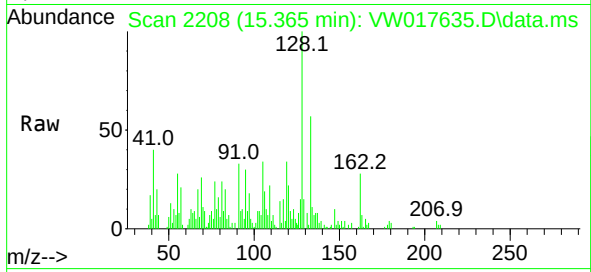
Tgt Ion: 117 Resp: 7483
Ion Ratio Lower Upper
117 100
201 0.0 41.9 125.7#





#95
Naphthalene
Concen: 2.17 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017635.D
Acq: 15 Dec 2020 15:44

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	128	Resp:	11589
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.4	15.6
129	11.3	8.6	12.8

