

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122220\
 Data File : VW017696.D
 Acq On : 22 Dec 2020 11:06
 Operator : SY/VA
 Sample : VW1222SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBL01

Quant Time: Dec 23 02:06:29 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)

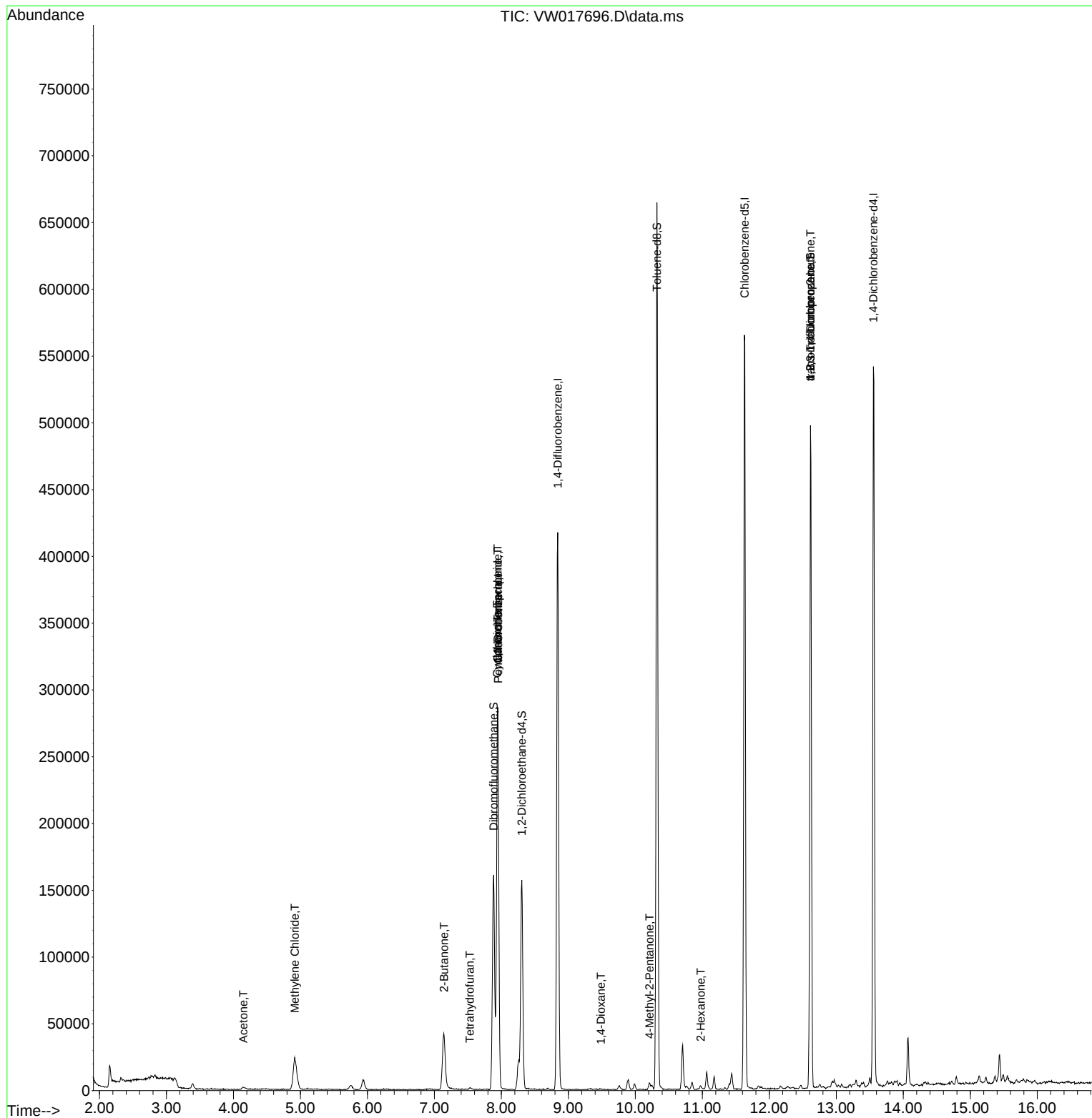
Internal Standards						
1) Pentafluorobenzene	7.951	168	207069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	350414	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	304135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	133105	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	126308	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
35) Dibromofluoromethane	7.884	113	111063	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
50) Toluene-d8	10.323	98	424160	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
62) 4-Bromofluorobenzene	12.615	95	141802	43.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.98%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.196	59	308	Below Cal	#	82
16) Acetone	4.147	43	4070	7.42	ug/l #	88
20) Methylene Chloride	4.915	84	19002	2.81	ug/l #	86
25) 2-Butanone	7.147	43	2573	3.52	ug/l #	74
26) 2,2-Dichloropropane	7.202	77	160	Below Cal	#	50
29) Tetrahydrofuran	7.531	42	846	2.06	ug/l #	58
31) Cyclohexane	7.939	56	5545	1.27	ug/l #	49
36) 1,1-Dichloropropene	7.945	75	18809	5.13	ug/l #	48
38) Carbon Tetrachloride	7.945	117	22184	6.02	ug/l #	13
49) 1,4-Dioxane	9.488	88	106	6.39	ug/l #	64
51) 4-Methyl-2-Pentanone	10.213	43	4527	3.16	ug/l	93
59) 2-Hexanone	10.975	43	2326	2.43	ug/l	86
76) 1,2,3-Trichloropropane	12.615	75	79920	62.37	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.615	75	79920	126.38	ug/l #	11

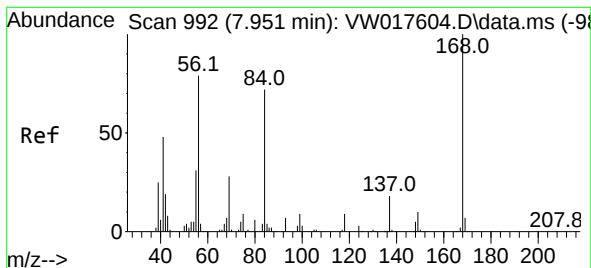
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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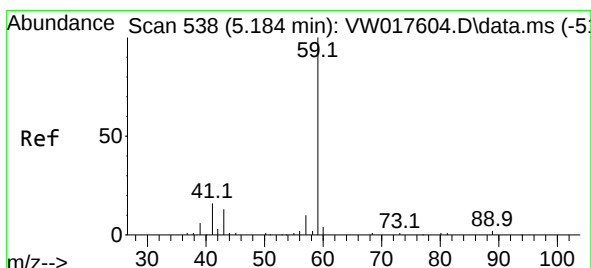
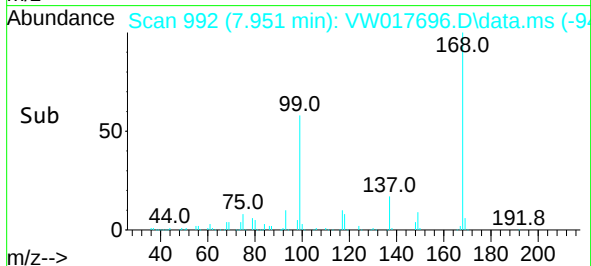
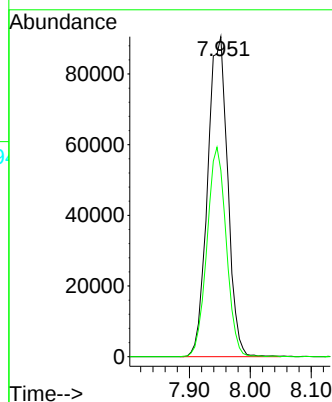
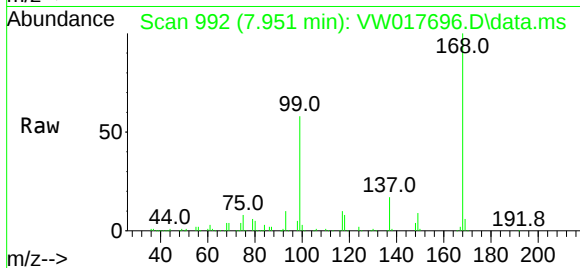




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW017696.D
Acq: 22 Dec 2020 11:06

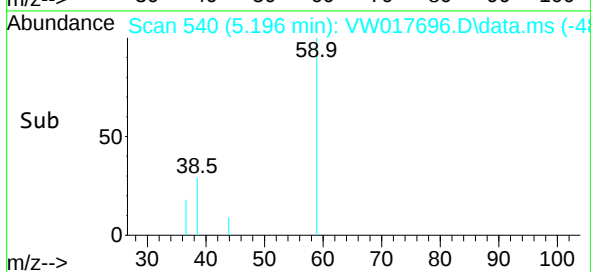
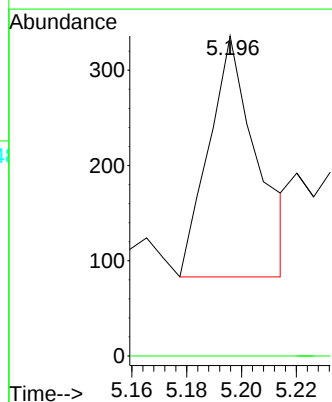
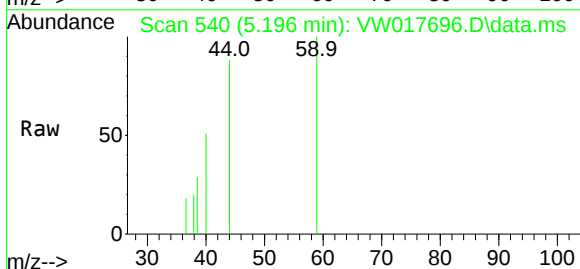
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBL01

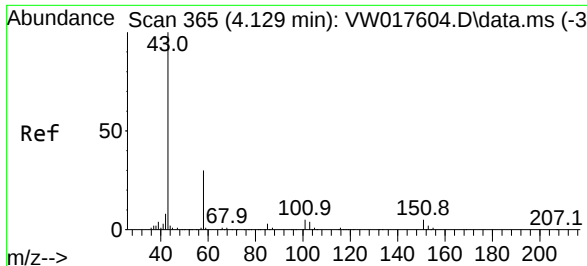
Tgt Ion:168 Resp: 207069
Ion Ratio Lower Upper
168 100
99 58.3 40.7 61.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.196 min Scan# 540
Delta R.T. 0.012 min
Lab File: VW017696.D
Acq: 22 Dec 2020 11:06

Tgt Ion: 59 Resp: 308
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

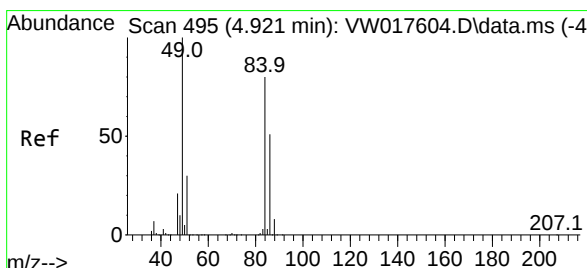
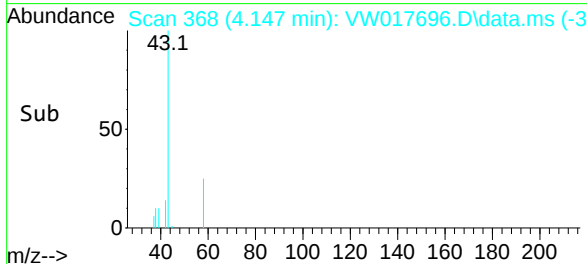
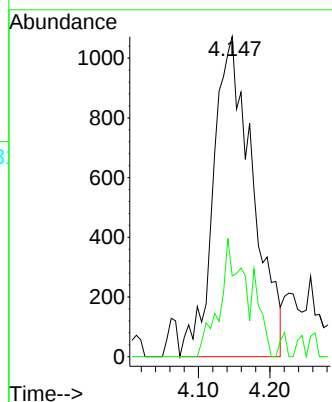
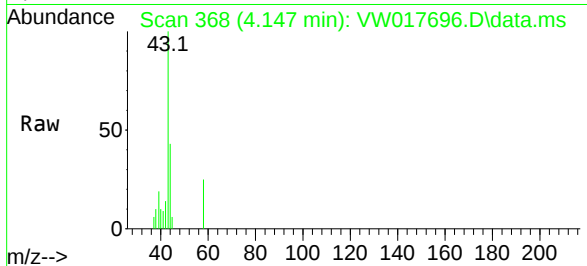




#16
Acetone
Concen: 7.42 ug/l
RT: 4.147 min Scan# 368
Delta R.T. 0.018 min
Lab File: VW017696.D
Acq: 22 Dec 2020 11:06

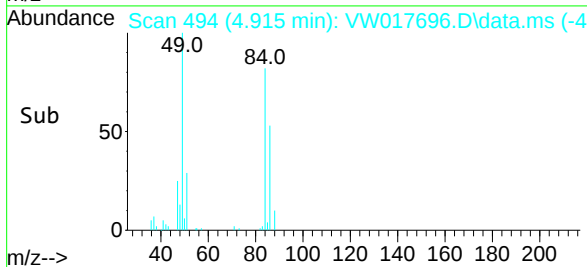
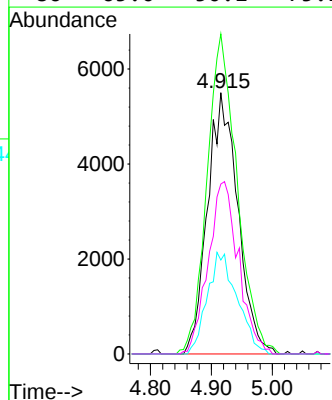
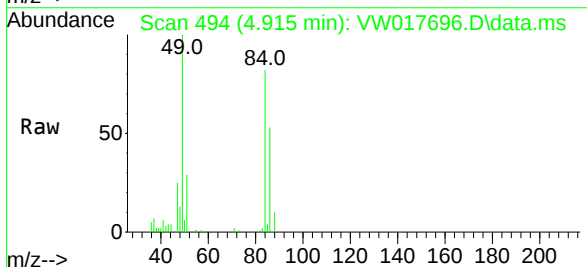
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBL01

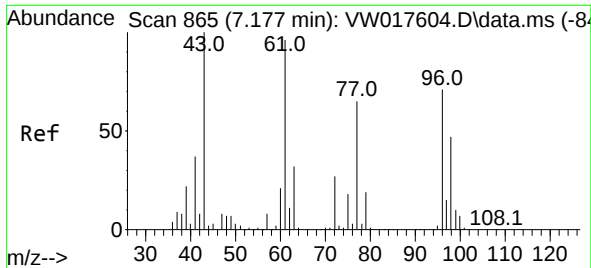
Tgt Ion: 43 Resp: 4070
Ion Ratio Lower Upper
43 100
58 25.3 25.7 38.5#



#20
Methylene Chloride
Concen: 2.81 ug/l
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW017696.D
Acq: 22 Dec 2020 11:06

Tgt Ion: 84 Resp: 19002
Ion Ratio Lower Upper
84 100
49 122.4 79.0 118.6#
51 35.9 26.1 39.1
86 65.0 50.1 75.1

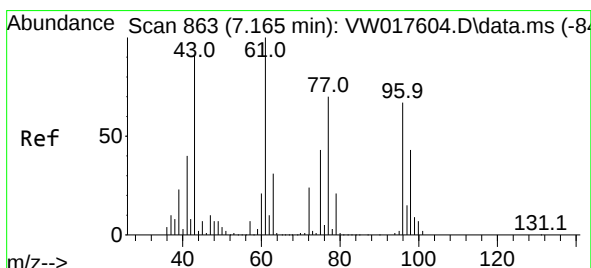
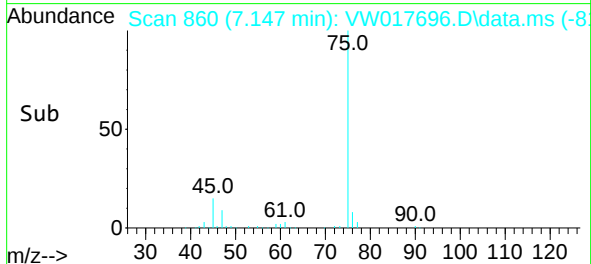
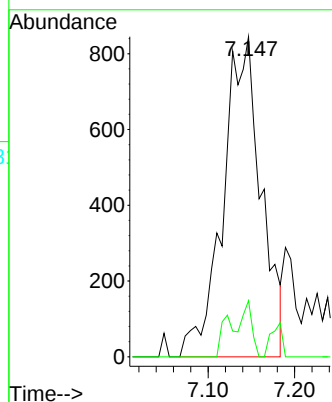
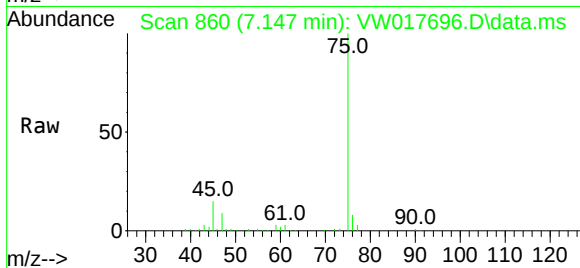




#25
2-Butanone
Concen: 3.52 ug/l
RT: 7.147 min Scan# 860
Delta R.T. -0.030 min
Lab File: VW017696.D
Acq: 22 Dec 2020 11:06

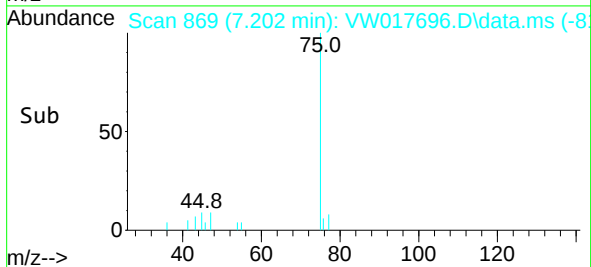
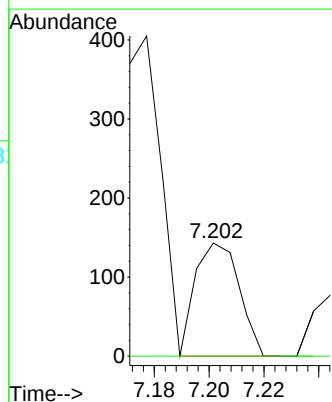
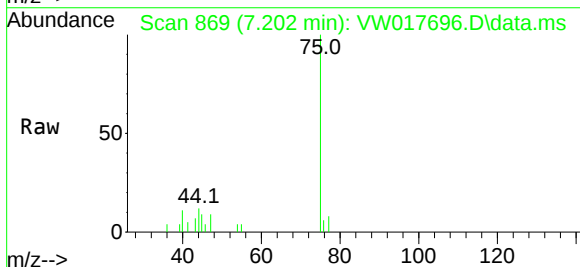
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBL01

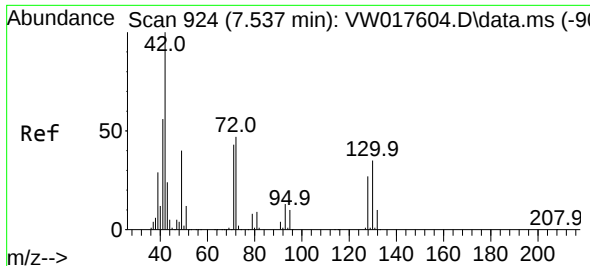
Tgt Ion: 43 Resp: 2573
Ion Ratio Lower Upper
43 100
72 17.5 25.4 38.2#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.202 min Scan# 869
Delta R.T. 0.037 min
Lab File: VW017696.D
Acq: 22 Dec 2020 11:06

Tgt Ion: 77 Resp: 160
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#





#29

Tetrahydrofuran

Concen: 2.06 ug/l

RT: 7.531 min Scan# 923

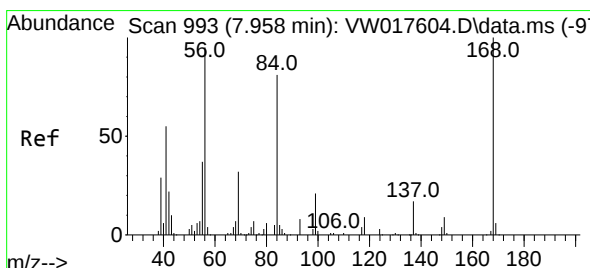
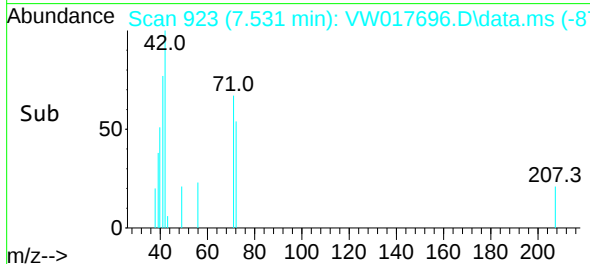
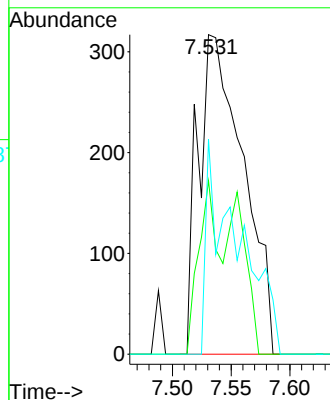
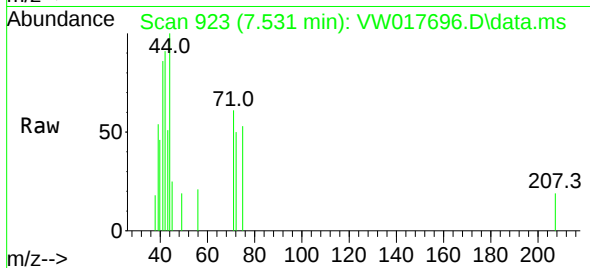
Delta R.T. -0.006 min

Lab File: VW017696.D

Acq: 22 Dec 2020 11:06

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBL01

Tgt Ion:	42	Resp:	846
Ion	Ratio	Lower	Upper
42	100		
72	24.3	42.0	63.0#
71	19.3	39.0	58.6#



#31

Cyclohexane

Concen: 1.27 ug/l

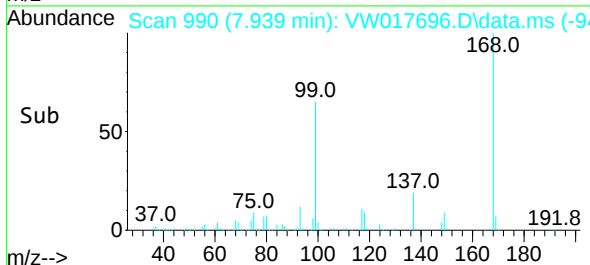
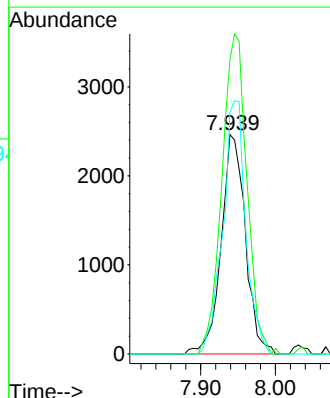
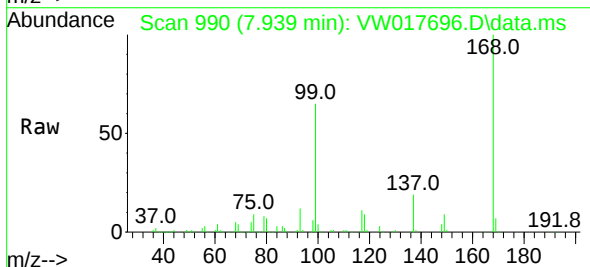
RT: 7.939 min Scan# 990

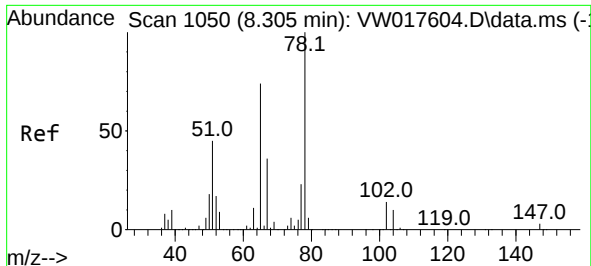
Delta R.T. -0.019 min

Lab File: VW017696.D

Acq: 22 Dec 2020 11:06

Tgt Ion:	56	Resp:	5545
Ion	Ratio	Lower	Upper
56	100		
69	134.3	29.3	43.9#
84	110.2	80.5	120.7

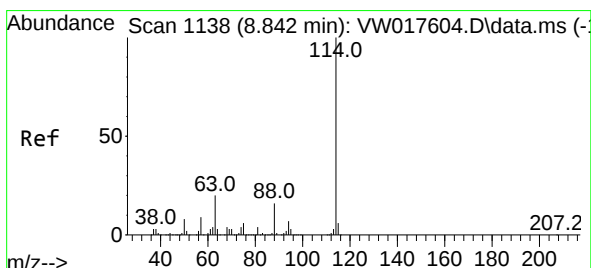
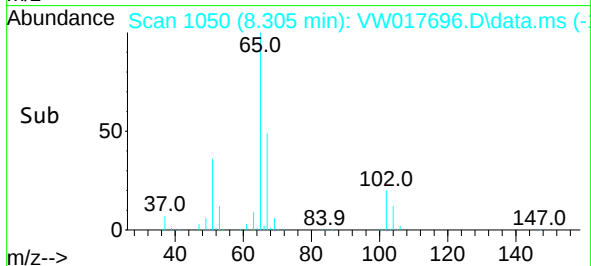
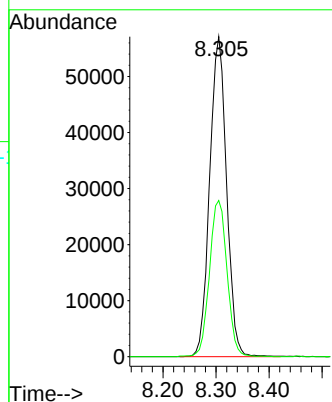
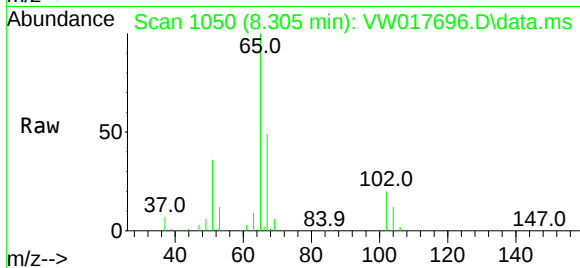




#33
1,2-Dichloroethane-d4
Concen: 50.08 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017696.D
Acq: 22 Dec 2020 11:06

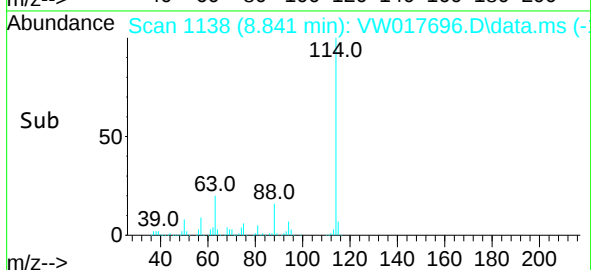
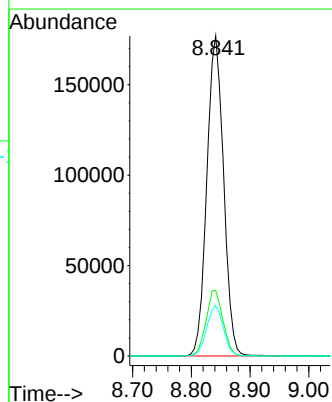
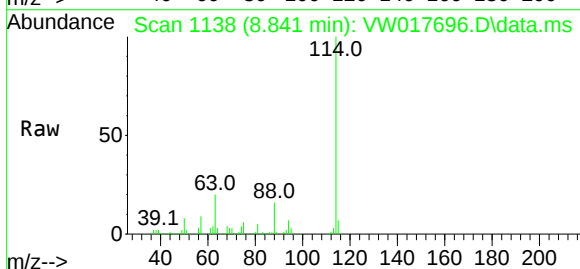
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBL01

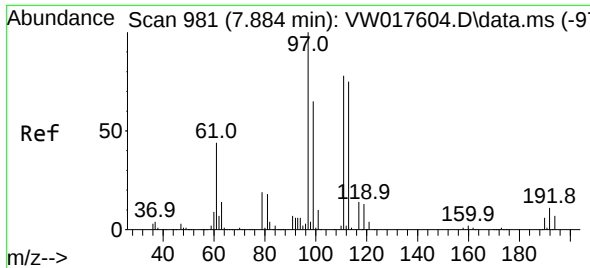
Tgt Ion: 65 Resp: 126308
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.841 min Scan# 1138
Delta R.T. -0.001 min
Lab File: VW017696.D
Acq: 22 Dec 2020 11:06

Tgt Ion: 114 Resp: 350414
Ion Ratio Lower Upper
114 100
63 20.4 0.0 35.6
88 15.7 0.0 30.4

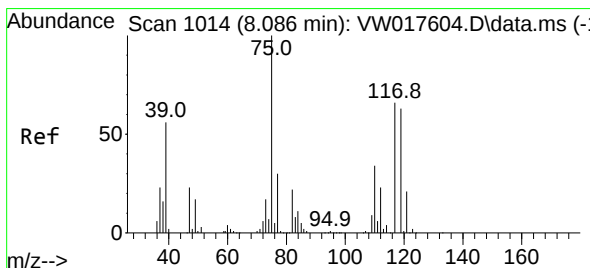
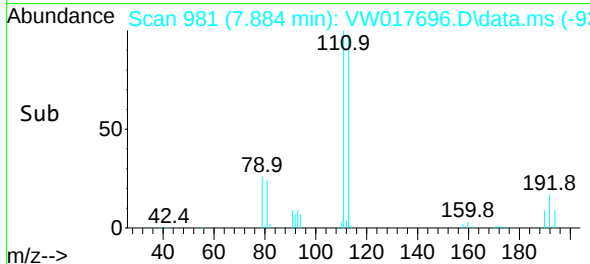
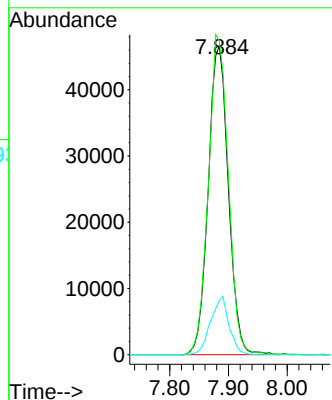
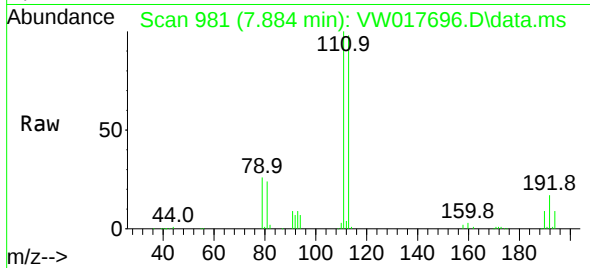




#35
Dibromofluoromethane
Concen: 47.89 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017696.D
Acq: 22 Dec 2020 11:06

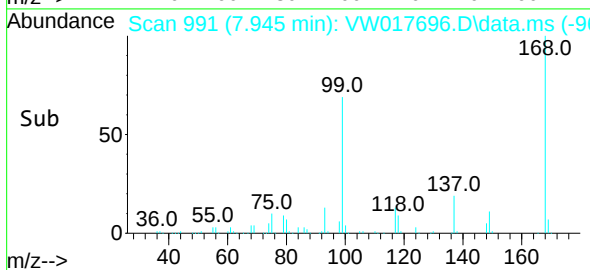
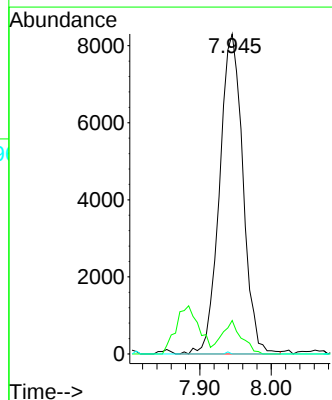
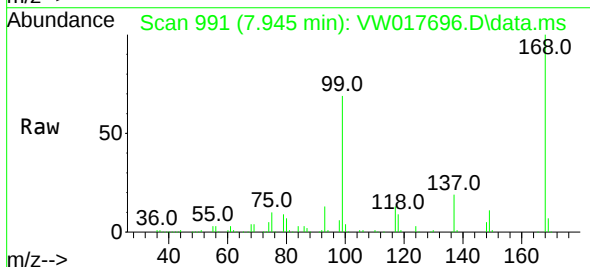
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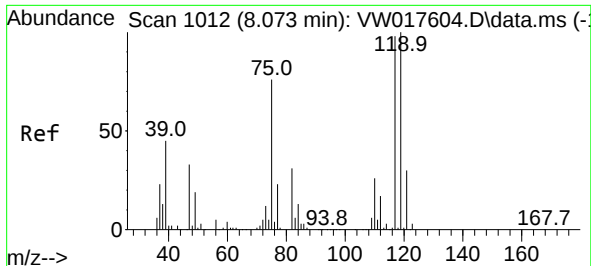
Tgt Ion:113 Resp: 111063
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.2
192 17.3 17.8 26.8#



#36
1,1-Dichloropropene
Concen: 5.13 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.141 min
Lab File: VW017696.D
Acq: 22 Dec 2020 11:06

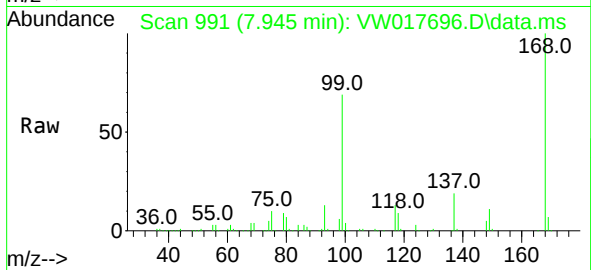
Tgt Ion: 75 Resp: 18809
Ion Ratio Lower Upper
75 100
110 8.9 19.3 57.9#
77 0.1 25.0 37.6#



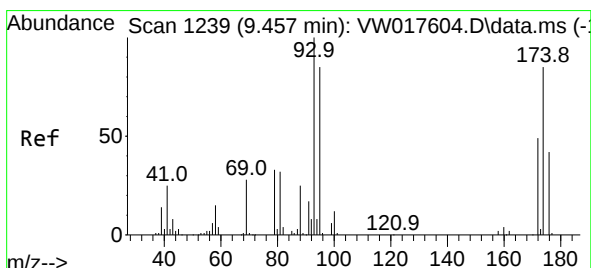
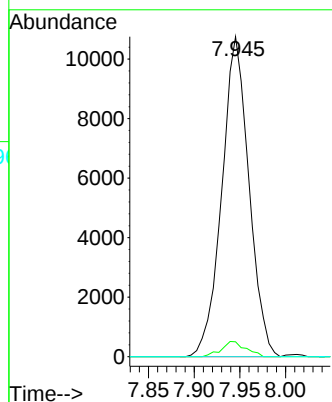
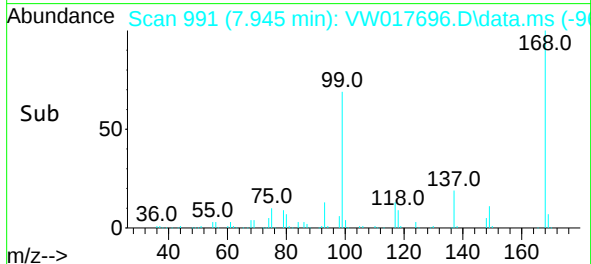


#38
Carbon Tetrachloride
Concen: 6.02 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.128 min
Lab File: VW017696.D
Acq: 22 Dec 2020 11:06

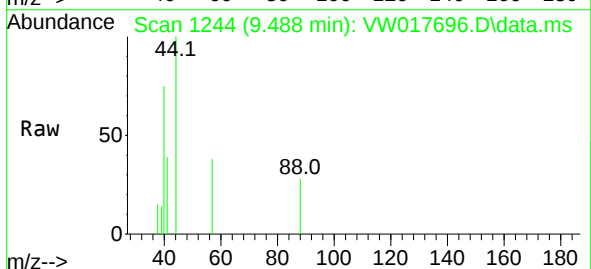
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBL01



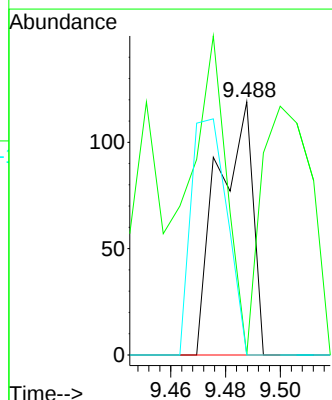
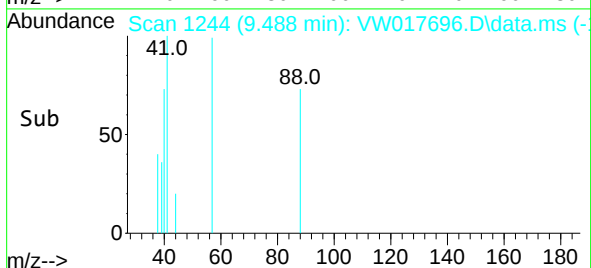
Tgt Ion: 117 Resp: 22184
Ion Ratio Lower Upper
117 100
119 4.6 81.6 122.4#
121 0.0 25.7 38.5#

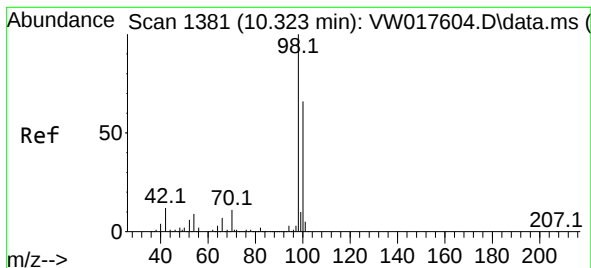


#49
1,4-Dioxane
Concen: 6.39 ug/l
RT: 9.488 min Scan# 1244
Delta R.T. 0.031 min
Lab File: VW017696.D
Acq: 22 Dec 2020 11:06



Tgt Ion: 88 Resp: 106
Ion Ratio Lower Upper
88 100
43 131.1 0.0 0.0#
58 96.2 54.0 81.0#

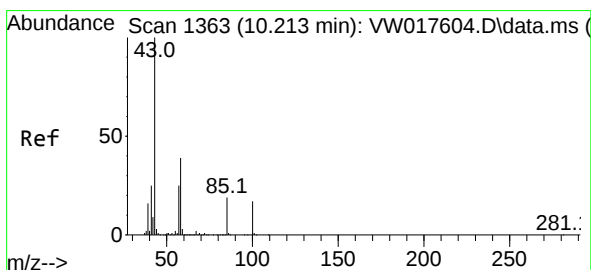
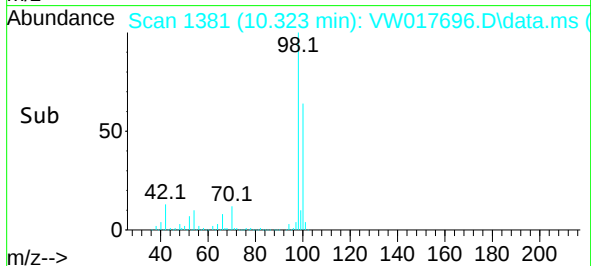
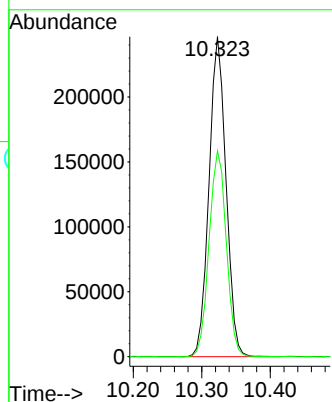
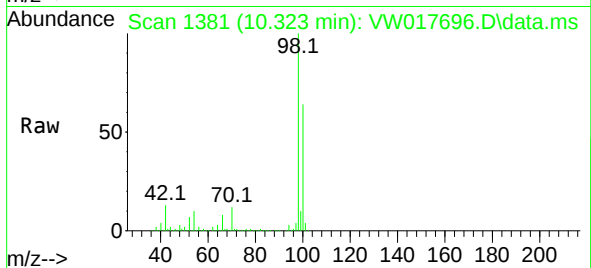




#50
Toluene-d8
Concen: 46.98 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW017696.D
Acq: 22 Dec 2020 11:06

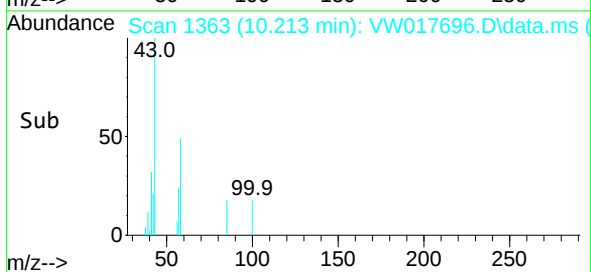
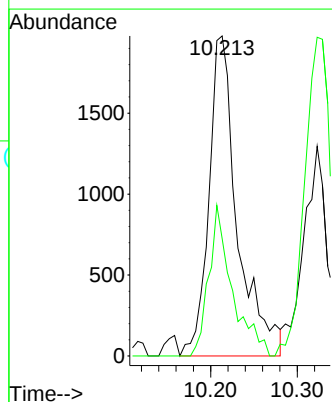
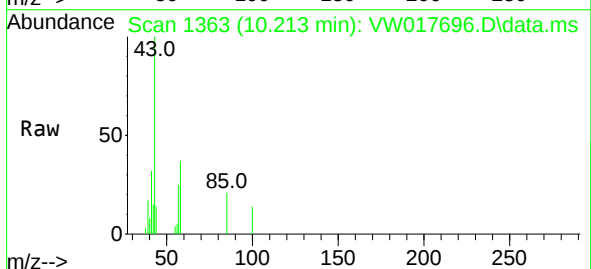
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBL01

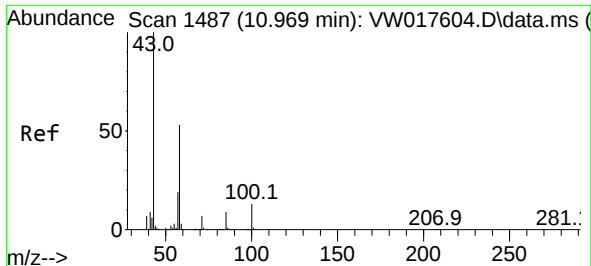
Tgt Ion: 98 Resp: 424160
Ion Ratio Lower Upper
98 100
100 65.4 53.3 79.9



#51
4-Methyl-2-Pentanone
Concen: 3.16 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW017696.D
Acq: 22 Dec 2020 11:06

Tgt Ion: 43 Resp: 4527
Ion Ratio Lower Upper
43 100
58 38.6 34.7 52.1

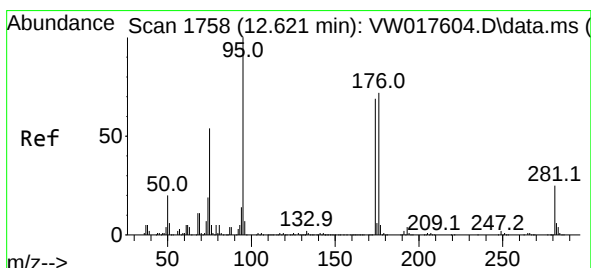
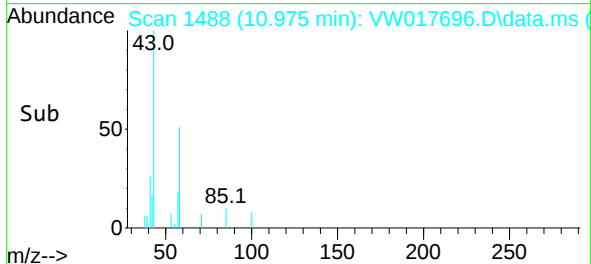
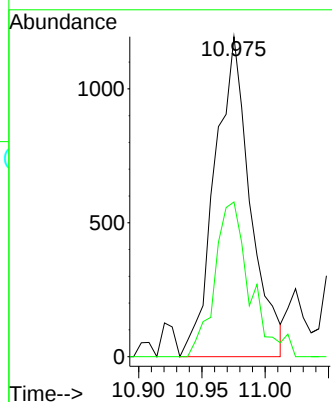
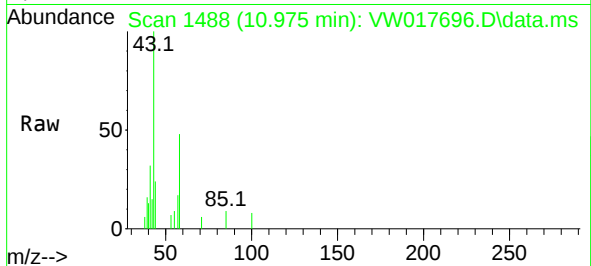




#59
2-Hexanone
Concen: 2.43 ug/l
RT: 10.975 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VW017696.D
Acq: 22 Dec 2020 11:06

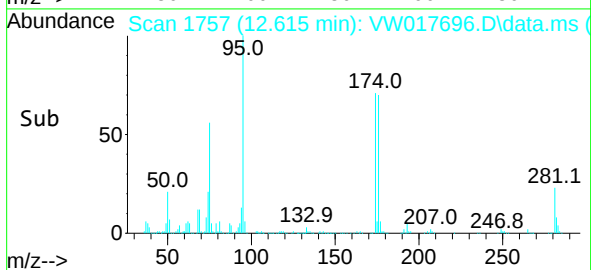
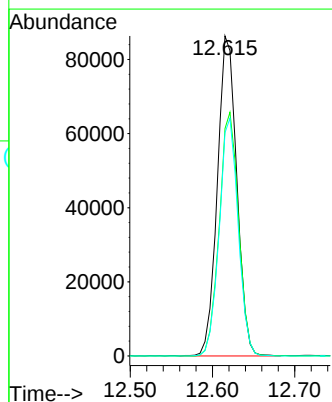
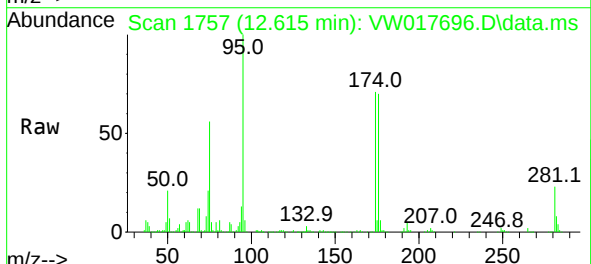
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBL01

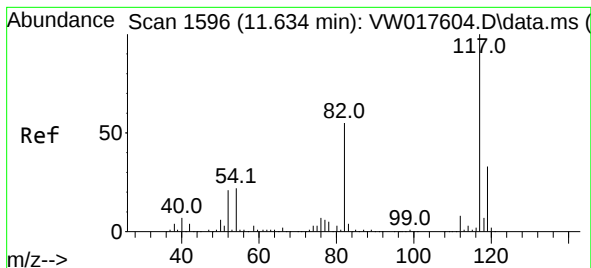
Tgt Ion: 43 Resp: 2326
Ion Ratio Lower Upper
43 100
58 48.2 29.5 88.5



#62
4-Bromofluorobenzene
Concen: 43.99 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW017696.D
Acq: 22 Dec 2020 11:06

Tgt Ion: 95 Resp: 141802
Ion Ratio Lower Upper
95 100
174 75.7 0.0 180.6
176 72.3 0.0 177.6

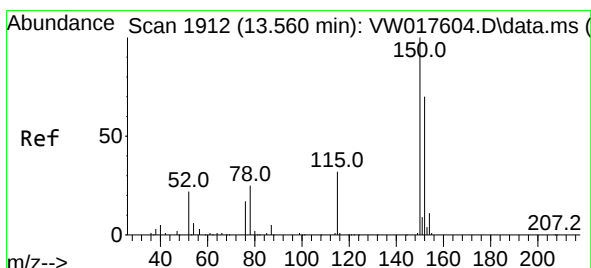
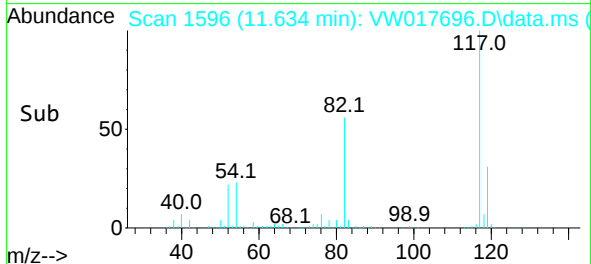
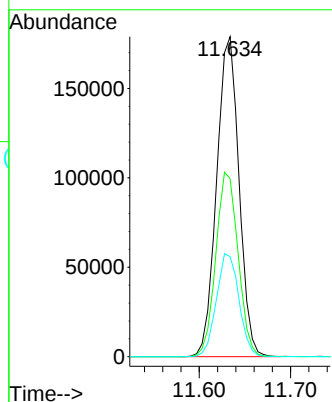
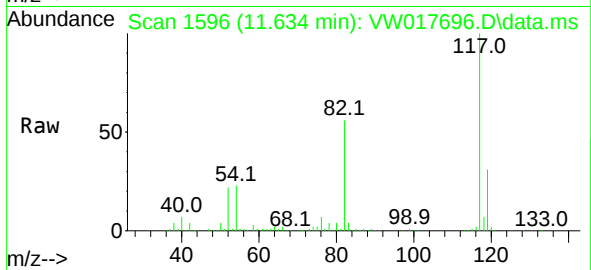




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017696.D
Acq: 22 Dec 2020 11:06

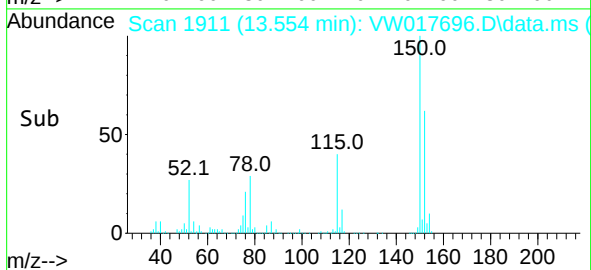
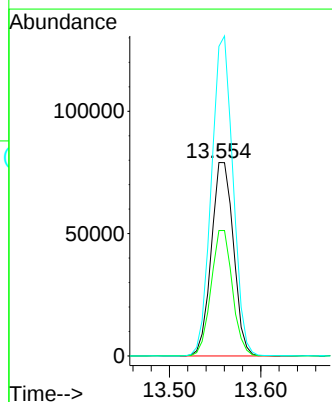
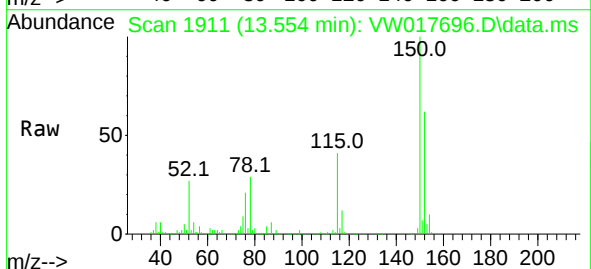
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBL01

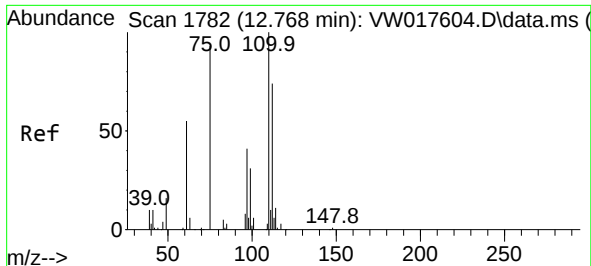
Tgt Ion:117 Resp: 304135
Ion Ratio Lower Upper
117 100
82 55.6 40.7 61.1
119 31.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW017696.D
Acq: 22 Dec 2020 11:06

Tgt Ion:152 Resp: 133105
Ion Ratio Lower Upper
152 100
115 62.8 27.9 83.7
150 160.7 0.0 344.0

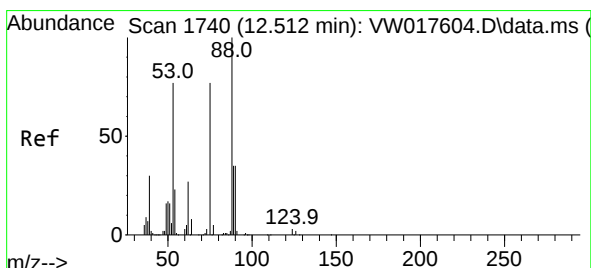
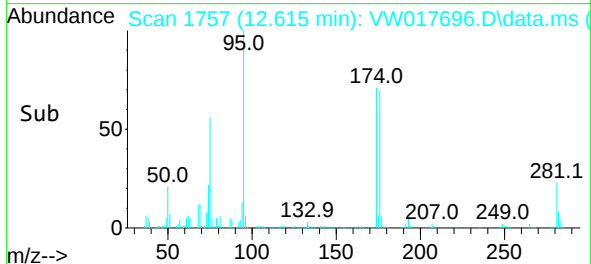
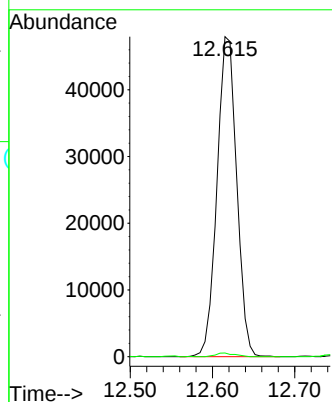
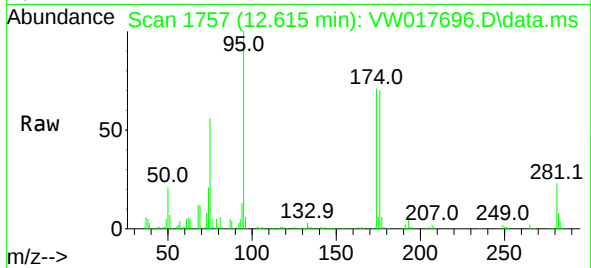




#76
1,2,3-Trichloropropane
Concen: 62.37 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW017696.D
Acq: 22 Dec 2020 11:06

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBL01

Tgt Ion: 75 Resp: 79920
Ion Ratio Lower Upper
75 100
77 1.1 178.8 536.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.38 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.103 min
Lab File: VW017696.D
Acq: 22 Dec 2020 11:06

Tgt Ion: 75 Resp: 79920
Ion Ratio Lower Upper
75 100
53 0.2 77.0 115.4#
89 0.4 38.7 58.1#

