

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122320\
 Data File : VW017716.D
 Acq On : 23 Dec 2020 16:56
 Operator : SY/VA
 Sample : L5188-01RE
 Misc : 6.46G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-08-122220

Quant Time: Dec 24 01:38:20 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)

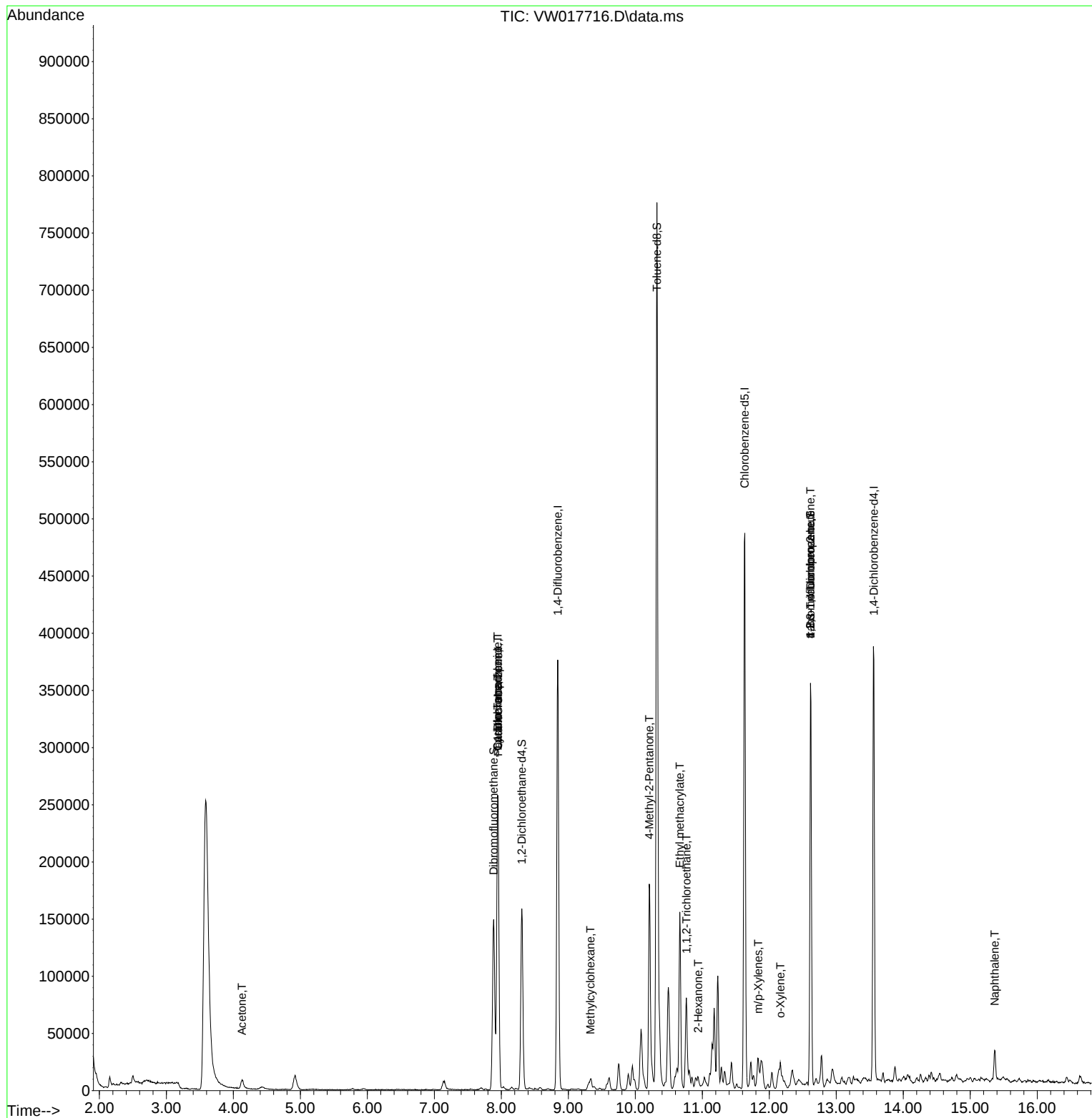
Internal Standards						
1) Pentafluorobenzene	7.952	168	183171	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	308973	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	262742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	96947	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	122617	54.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.90%	
35) Dibromofluoromethane	7.885	113	103396	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
50) Toluene-d8	10.323	98	388390	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
62) 4-Bromofluorobenzene	12.615	95	114282	40.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.42%	
Target Compounds						Qvalue
11) Tert butyl alcohol	5.202	59	822	Below Cal	#	90
16) Acetone	4.129	43	14694	30.27	ug/l	94
20) Methylene Chloride	4.928	84	9994	Below Cal	#	87
26) 2,2-Dichloropropane	7.147	77	681	Below Cal	#	50
31) Cyclohexane	7.946	56	5539	1.44	ug/l	# 48
36) 1,1-Dichloropropene	7.946	75	16301	5.04	ug/l	# 49
38) Carbon Tetrachloride	7.946	117	19950	6.14	ug/l	# 13
39) Methylcyclohexane	9.329	83	4643	1.13	ug/l	# 79
51) 4-Methyl-2-Pentanone	10.207	43	115680	91.64	ug/l	95
55) 1,1,2-Trichloroethane	10.762	97	31248	19.75	ug/l	# 22
56) Ethyl methacrylate	10.665	69	14834	7.26	ug/l	# 1
59) 2-Hexanone	10.939	43	4274	5.06	ug/l	# 28
68) m/p-Xylenes	11.835	106	6074	1.52	ug/l	82
69) o-Xylene	12.164	106	4512	1.20	ug/l	88
76) 1,2,3-Trichloropropane	12.615	75	62647	67.13	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.615	75	62647	136.01	ug/l	# 11
95) Naphthalene	15.365	128	23126	6.08	ug/l	# 95

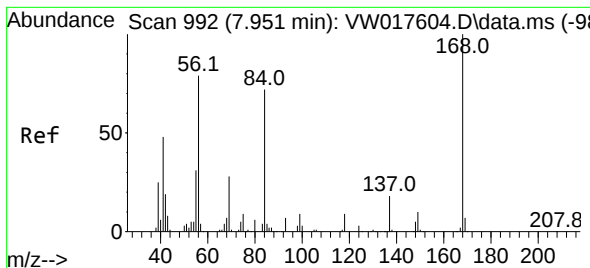
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 24 01:38:20 2020
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Quant Title : SW846 8260
QLast Update : Mon Dec 14 12:39:23 2020
Response via : Initial Calibration

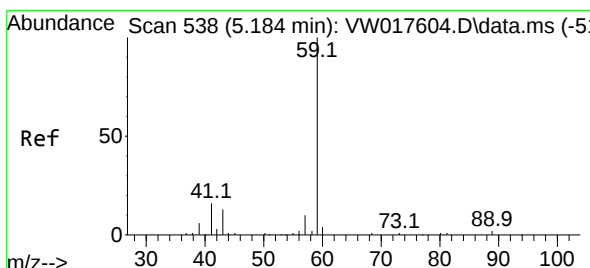
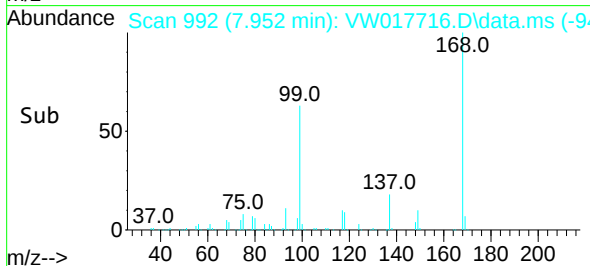
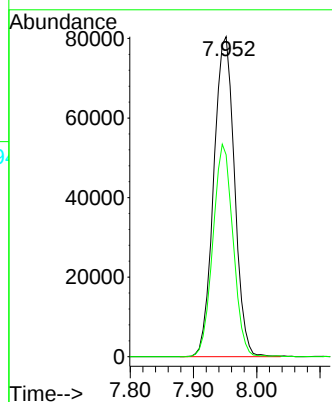
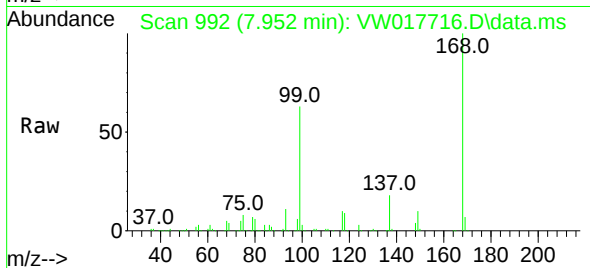




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW017716.D
Acq: 23 Dec 2020 16:56

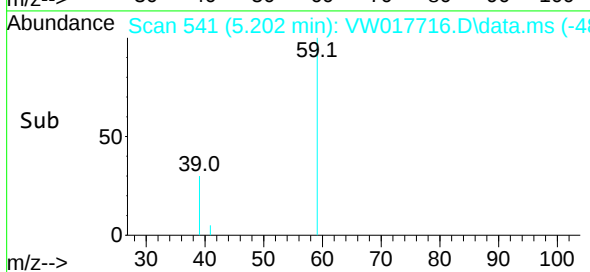
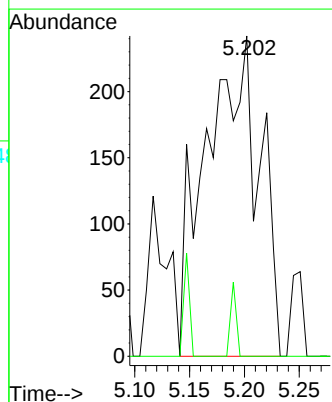
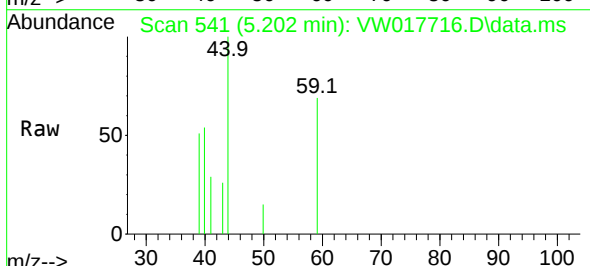
Instrument :
MSVOA_W
ClientSampleId :
NB-08-122220

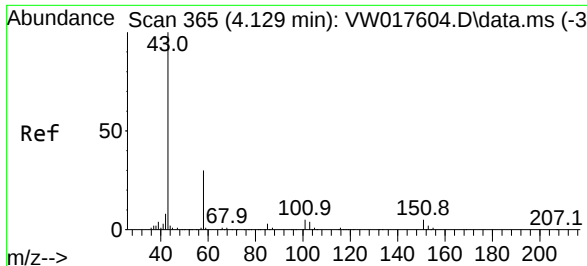
Tgt Ion:168 Resp: 183171
Ion Ratio Lower Upper
168 100
99 63.1 40.7 61.1#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.202 min Scan# 541
Delta R.T. 0.018 min
Lab File: VW017716.D
Acq: 23 Dec 2020 16:56

Tgt Ion: 59 Resp: 822
Ion Ratio Lower Upper
59 100
57 2.4 4.7 7.1#

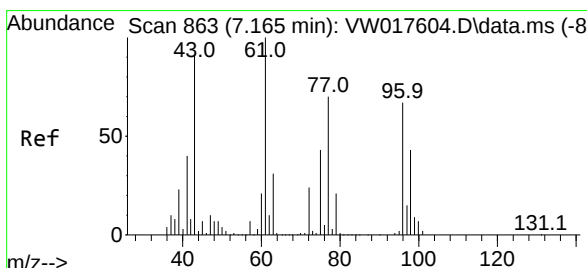
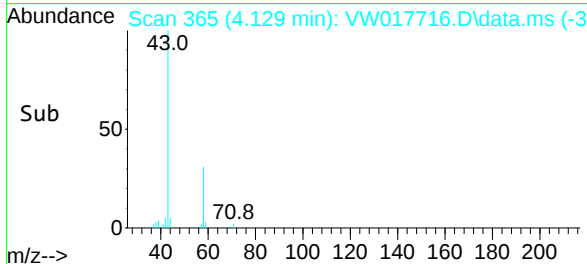
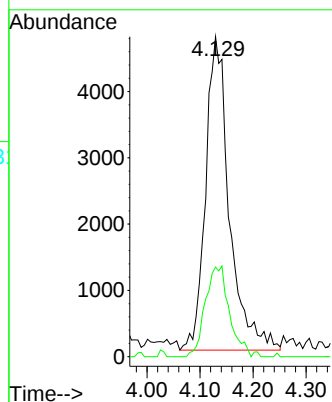
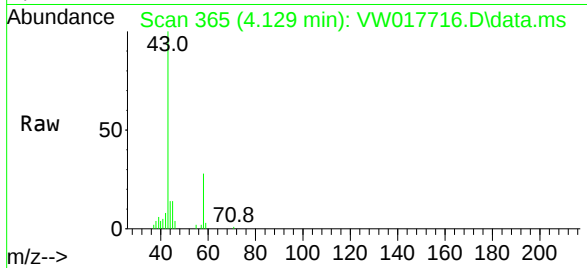




#16
Acetone
Concen: 30.27 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW017716.D
Acq: 23 Dec 2020 16:56

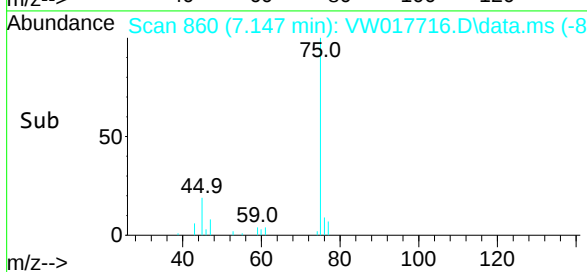
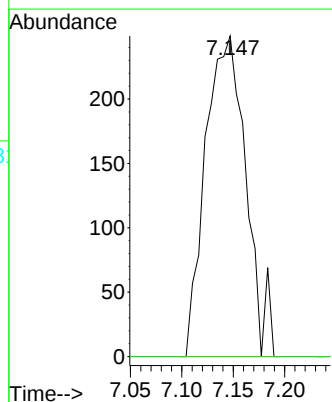
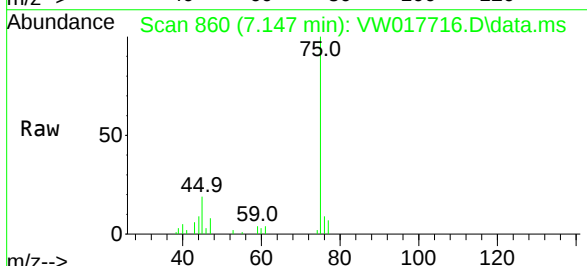
Instrument :
MSVOA_W
ClientSampleId :
NB-08-122220

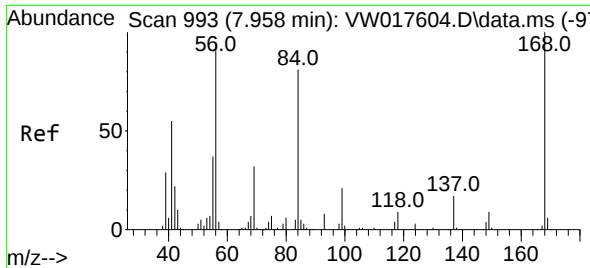
Tgt Ion: 43 Resp: 14694
Ion Ratio Lower Upper
43 100
58 28.6 25.7 38.5



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.147 min Scan# 860
Delta R.T. -0.018 min
Lab File: VW017716.D
Acq: 23 Dec 2020 16:56

Tgt Ion: 77 Resp: 681
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#

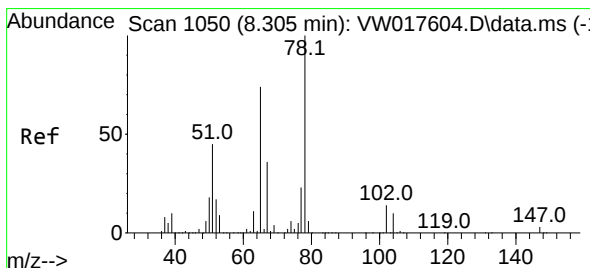
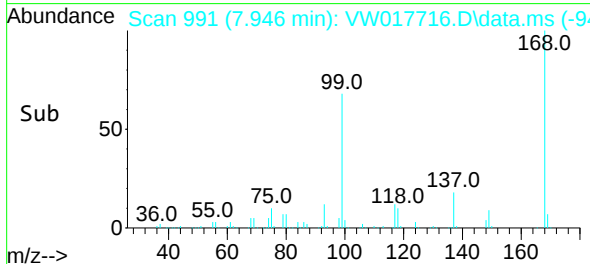
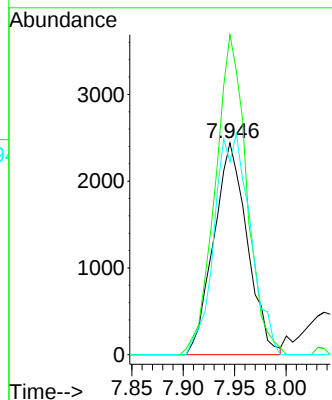
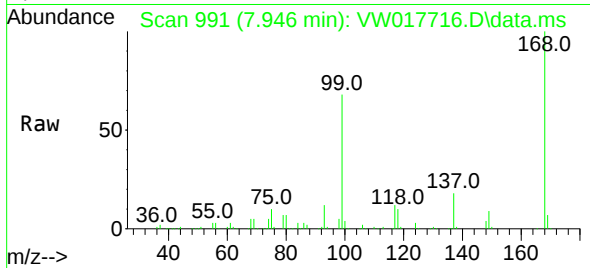




#31
Cyclohexane
Concen: 1.44 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.013 min
Lab File: VW017716.D
Acq: 23 Dec 2020 16:56

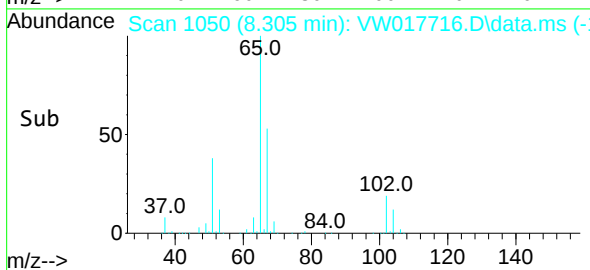
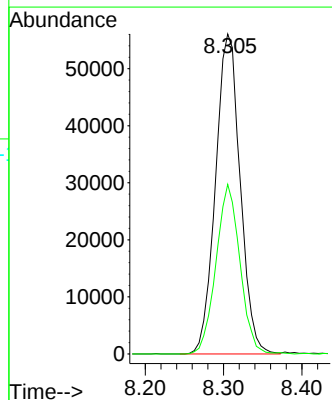
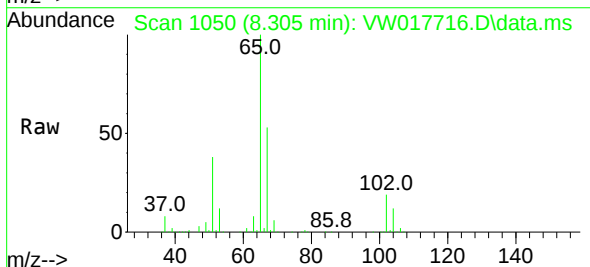
Instrument :
MSVOA_W
ClientSampleId :
NB-08-122220

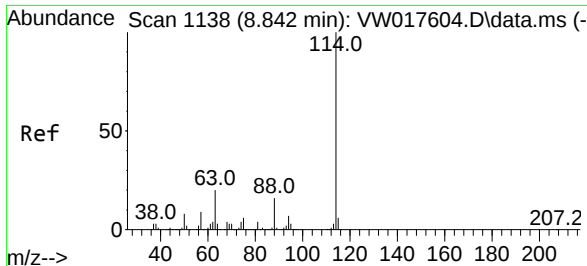
Tgt Ion: 56 Resp: 5539
Ion Ratio Lower Upper
56 100
69 151.1 29.3 43.9#
84 101.6 80.5 120.7



#33
1,2-Dichloroethane-d4
Concen: 54.95 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017716.D
Acq: 23 Dec 2020 16:56

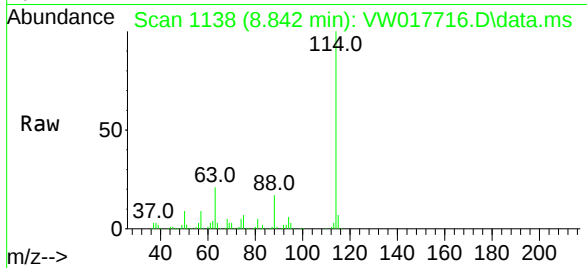
Tgt Ion: 65 Resp: 122617
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.8



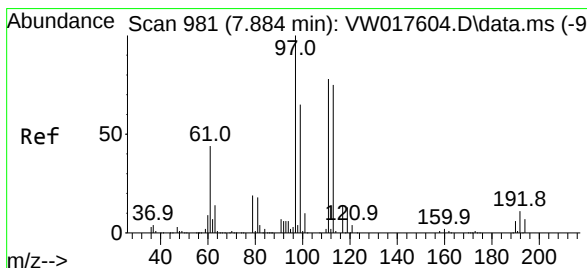
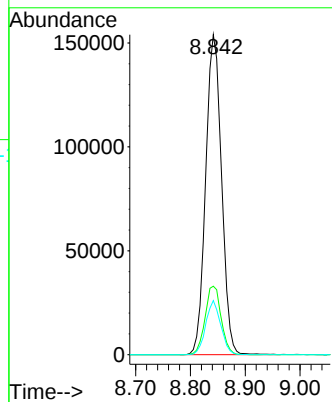
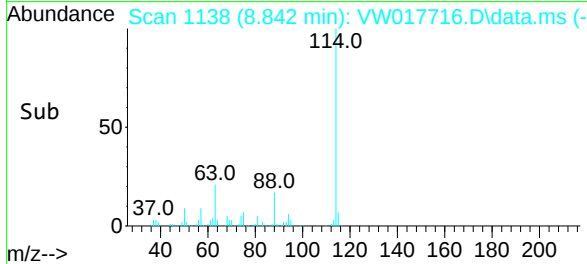


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017716.D
Acq: 23 Dec 2020 16:56

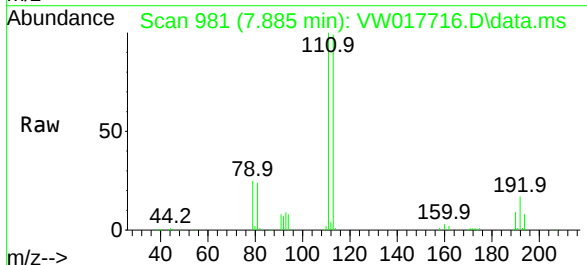
Instrument :
MSVOA_W
ClientSampleId :
NB-08-122220



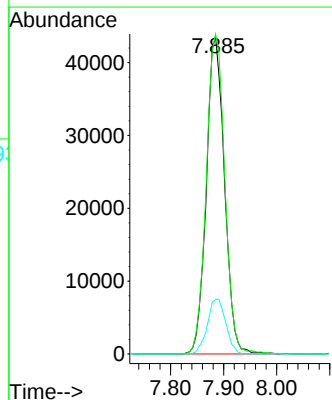
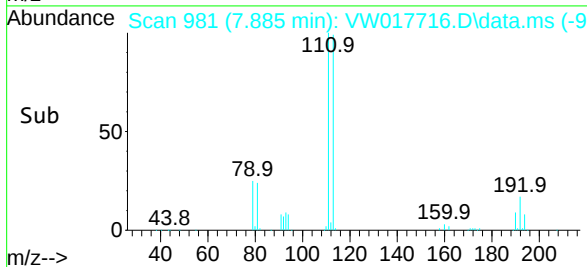
Tgt Ion:114 Resp: 308973
Ion Ratio Lower Upper
114 100
63 21.4 0.0 35.6
88 16.9 0.0 30.4

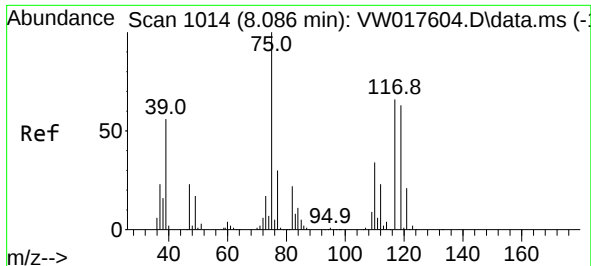


#35
Dibromofluoromethane
Concen: 50.57 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.001 min
Lab File: VW017716.D
Acq: 23 Dec 2020 16:56



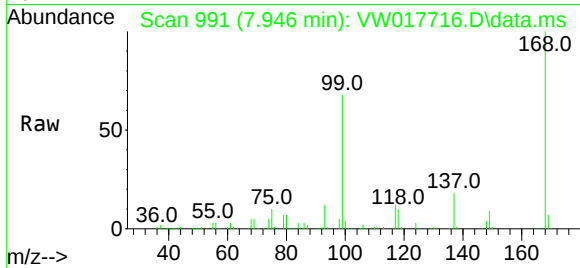
Tgt Ion:113 Resp: 103396
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.2
192 17.6 17.8 26.8#



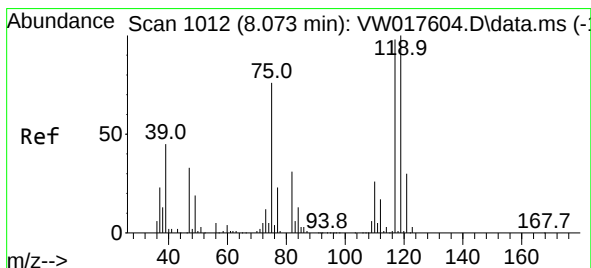
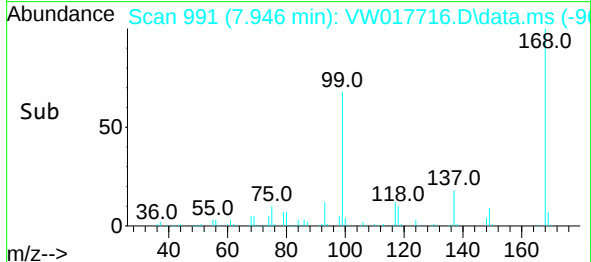
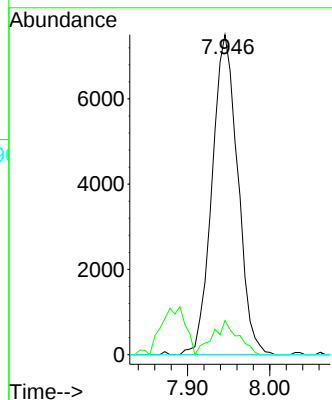


#36
1,1-Dichloropropene
Concen: 5.04 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.141 min
Lab File: VW017716.D
Acq: 23 Dec 2020 16:56

Instrument :
MSVOA_W
ClientSampleId :
NB-08-122220

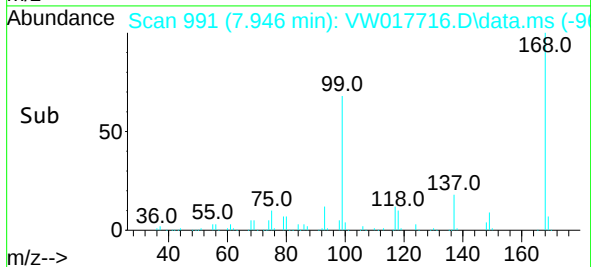
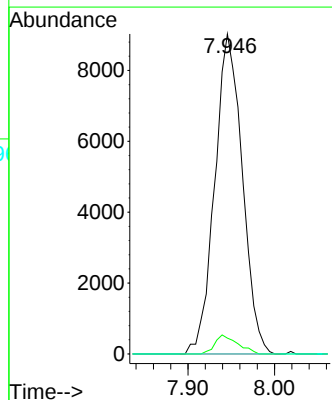
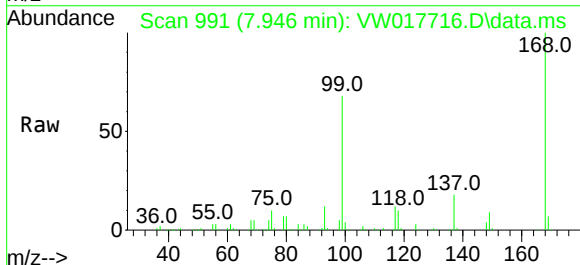


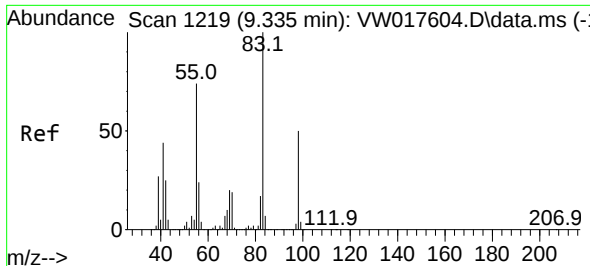
Tgt Ion: 75 Resp: 16301
Ion Ratio Lower Upper
75 100
110 10.5 19.3 57.9#
77 0.0 25.0 37.6#



#38
Carbon Tetrachloride
Concen: 6.14 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.128 min
Lab File: VW017716.D
Acq: 23 Dec 2020 16:56

Tgt Ion: 117 Resp: 19950
Ion Ratio Lower Upper
117 100
119 4.9 81.6 122.4#
121 0.0 25.7 38.5#

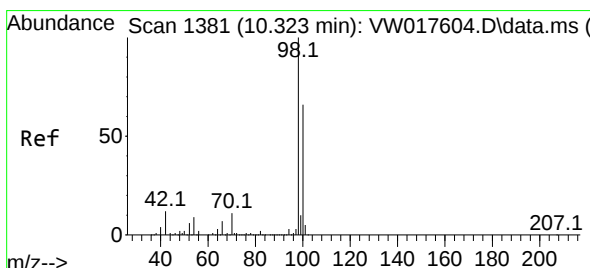
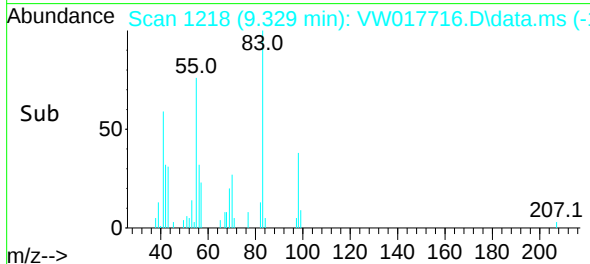
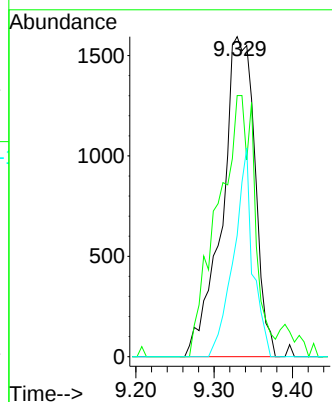
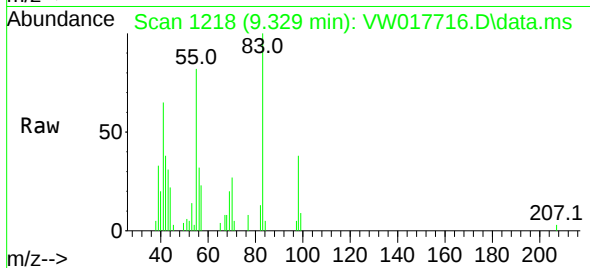




#39
Methylcyclohexane
Concen: 1.13 ug/l
RT: 9.329 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VW017716.D
Acq: 23 Dec 2020 16:56

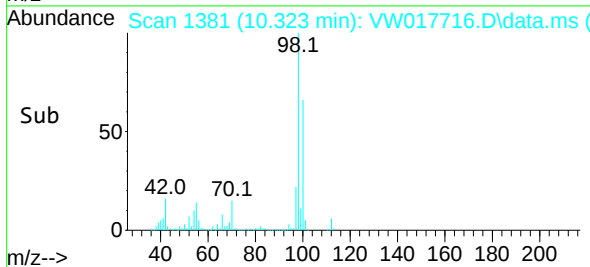
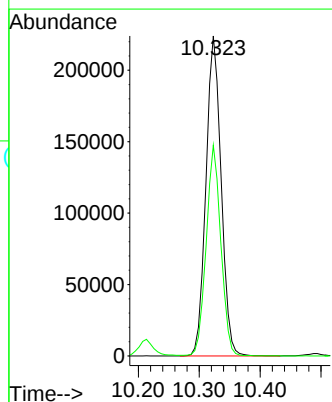
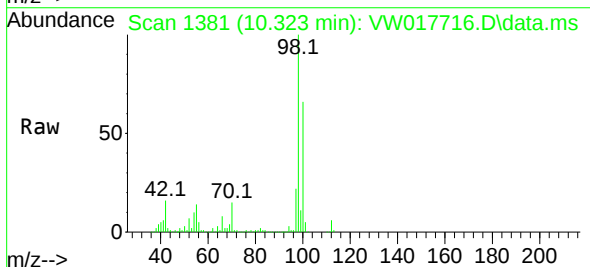
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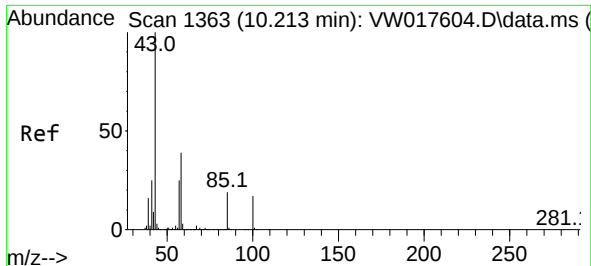
Tgt Ion: 83 Resp: 4643
Ion Ratio Lower Upper
83 100
55 81.6 51.7 77.5#
98 37.9 41.0 61.4#



#50
Toluene-d8
Concen: 48.79 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017716.D
Acq: 23 Dec 2020 16:56

Tgt Ion: 98 Resp: 388390
Ion Ratio Lower Upper
98 100
100 63.7 53.3 79.9

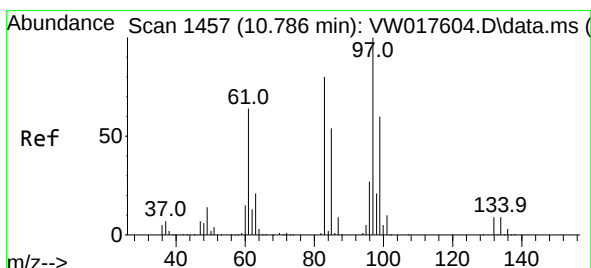
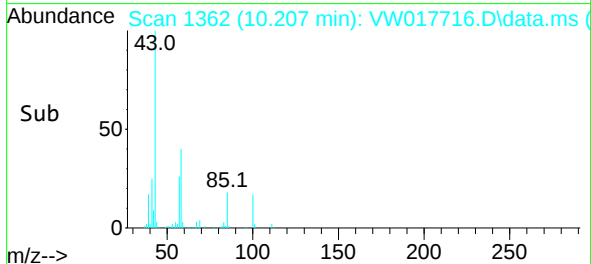
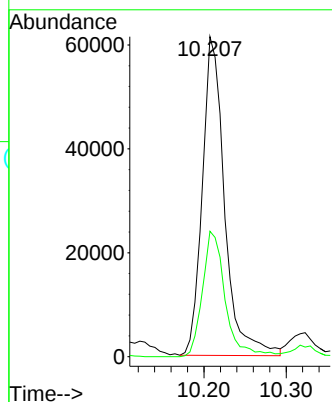
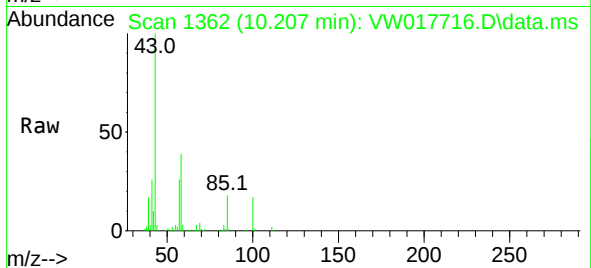




#51
4-Methyl-2-Pentanone
Concen: 91.64 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VW017716.D
Acq: 23 Dec 2020 16:56

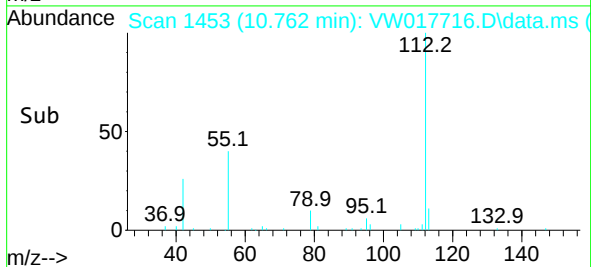
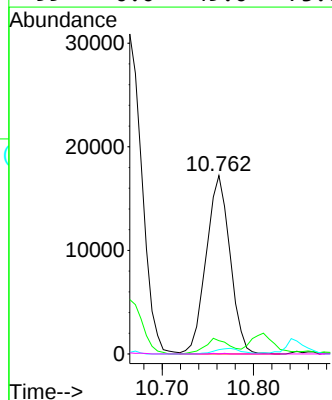
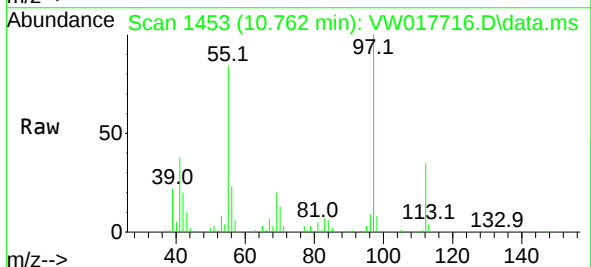
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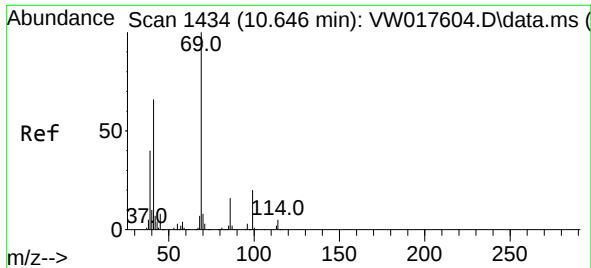
Tgt Ion: 43 Resp: 115680
Ion Ratio Lower Upper
43 100
58 40.0 34.7 52.1



#55
1,1,2-Trichloroethane
Concen: 19.75 ug/l
RT: 10.762 min Scan# 1453
Delta R.T. -0.024 min
Lab File: VW017716.D
Acq: 23 Dec 2020 16:56

Tgt Ion: 97 Resp: 31248
Ion Ratio Lower Upper
97 100
83 7.5 64.6 97.0#
85 2.4 40.6 61.0#
99 0.0 49.0 73.6#

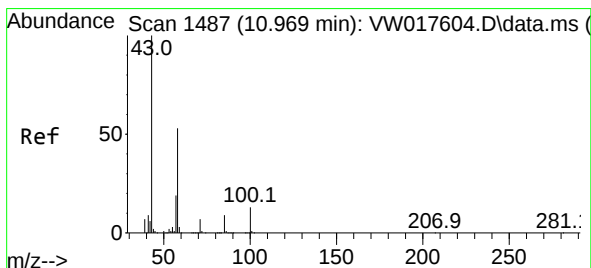
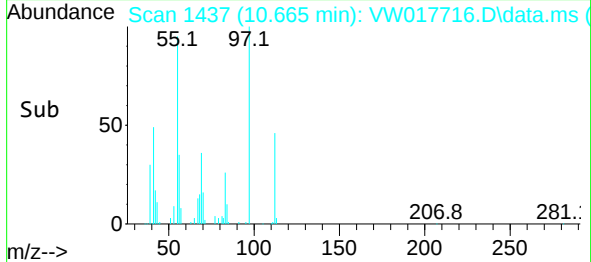
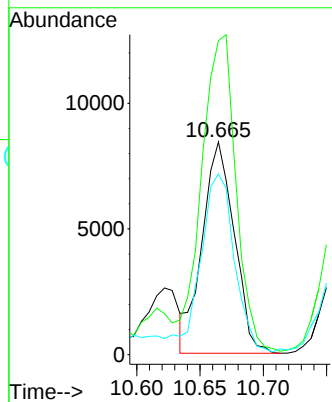
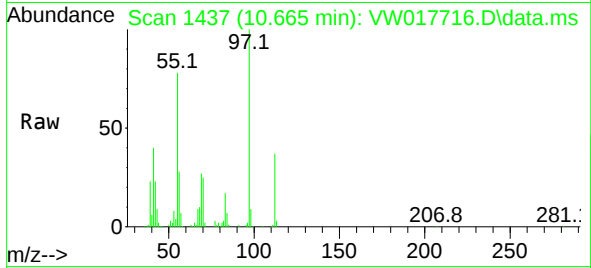




#56
Ethyl methacrylate
Concen: 7.26 ug/l
RT: 10.665 min Scan# 1437
Delta R.T. 0.019 min
Lab File: VW017716.D
Acq: 23 Dec 2020 16:56

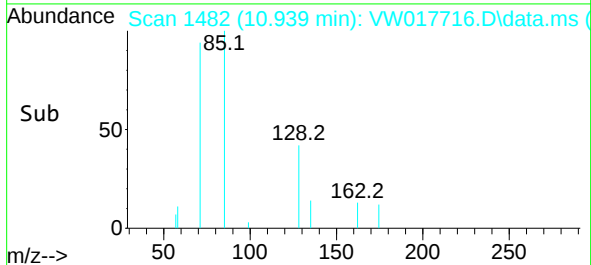
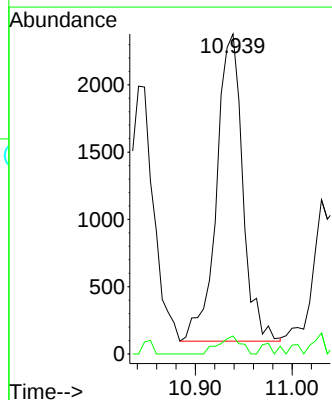
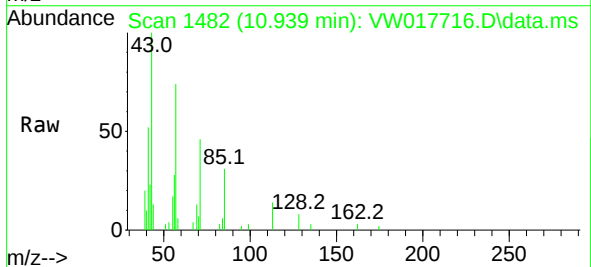
Instrument :
MSVOA_W
ClientSampleId :
NB-08-122220

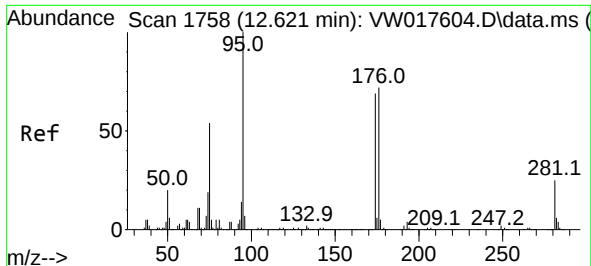
Tgt Ion: 69 Resp: 14834
Ion Ratio Lower Upper
69 100
41 160.9 46.3 69.5#
39 85.9 25.9 38.9#



#59
2-Hexanone
Concen: 5.06 ug/l
RT: 10.939 min Scan# 1482
Delta R.T. -0.030 min
Lab File: VW017716.D
Acq: 23 Dec 2020 16:56

Tgt Ion: 43 Resp: 4274
Ion Ratio Lower Upper
43 100
58 5.1 29.5 88.5#

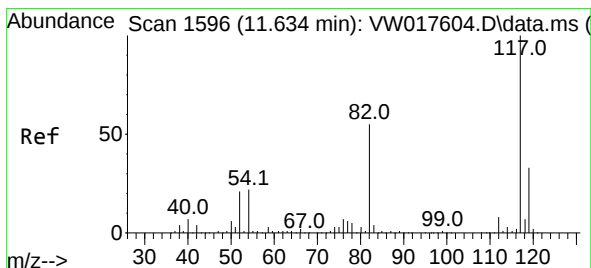
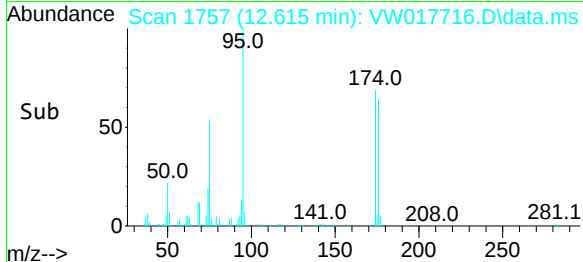
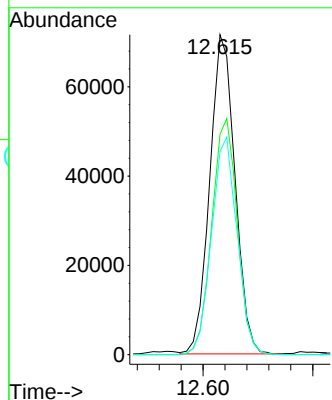
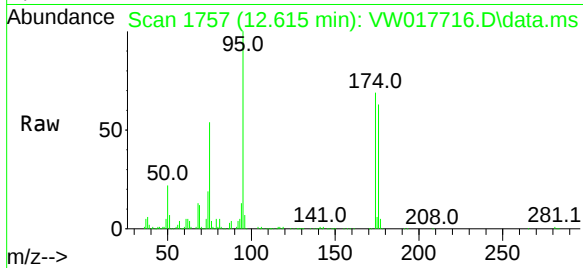




#62
4-Bromofluorobenzene
Concen: 40.21 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW017716.D
Acq: 23 Dec 2020 16:56

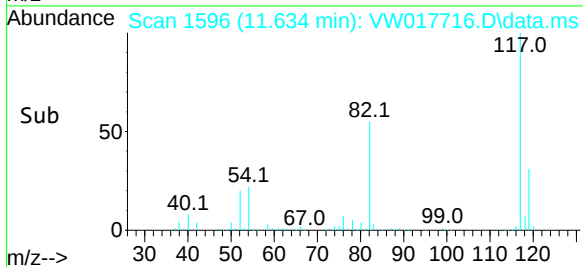
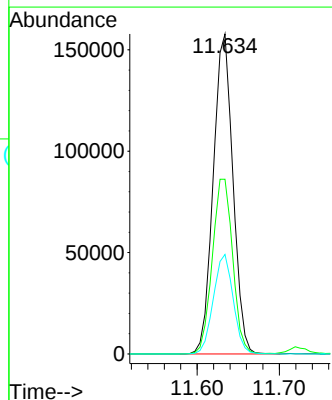
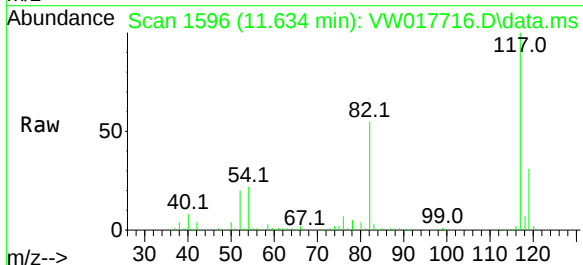
Instrument :
MSVOA_W
ClientSampleId :
NB-08-122220

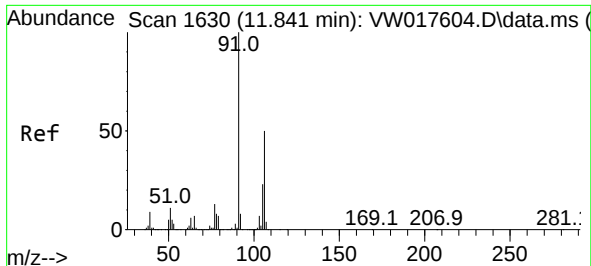
Tgt Ion: 95 Resp: 114282
Ion Ratio Lower Upper
95 100
174 74.6 0.0 180.6
176 69.5 0.0 177.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017716.D
Acq: 23 Dec 2020 16:56

Tgt Ion: 117 Resp: 262742
Ion Ratio Lower Upper
117 100
82 54.6 40.7 61.1
119 31.1 25.0 37.4

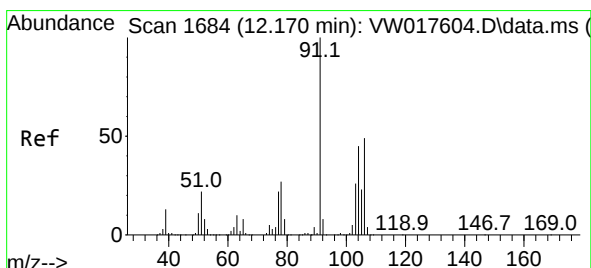
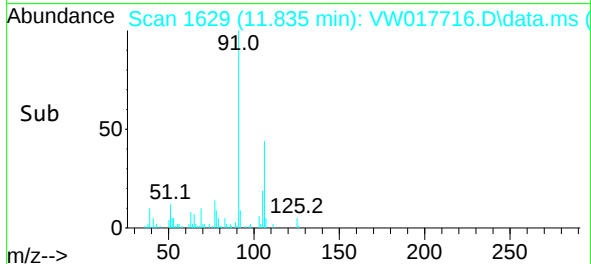
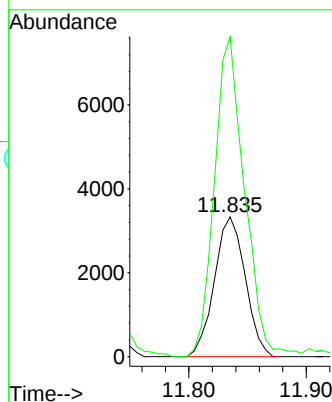
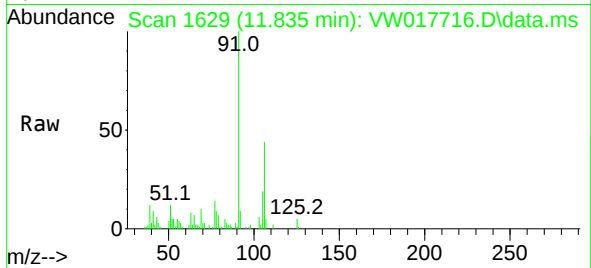




#68
m/p-Xylenes
Concen: 1.52 ug/l
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW017716.D
Acq: 23 Dec 2020 16:56

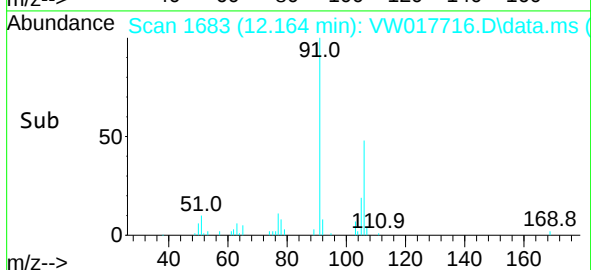
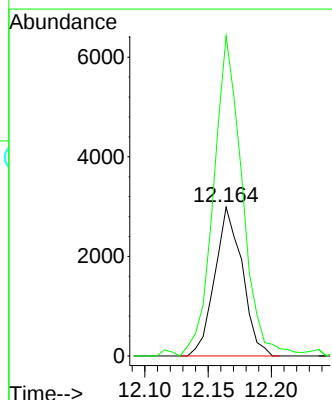
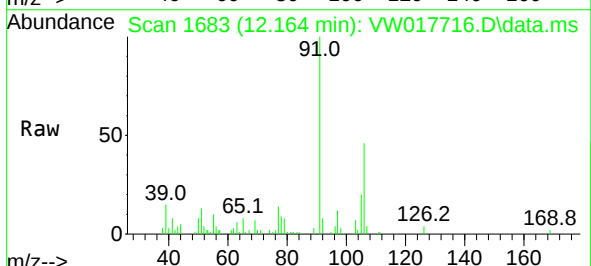
Instrument :
MSVOA_W
ClientSampleId :
NB-08-122220

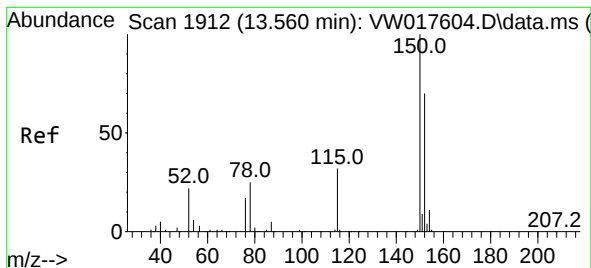
Tgt Ion:106 Resp: 6074
Ion Ratio Lower Upper
106 100
91 223.8 157.4 236.0



#69
o-Xylene
Concen: 1.20 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.006 min
Lab File: VW017716.D
Acq: 23 Dec 2020 16:56

Tgt Ion:106 Resp: 4512
Ion Ratio Lower Upper
106 100
91 225.6 103.6 310.9

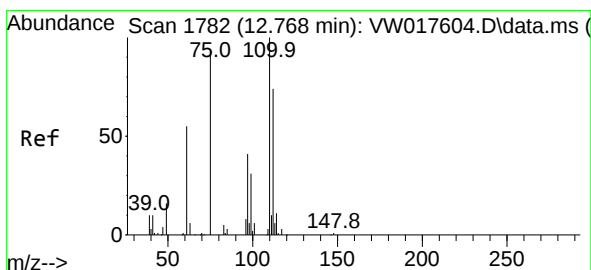
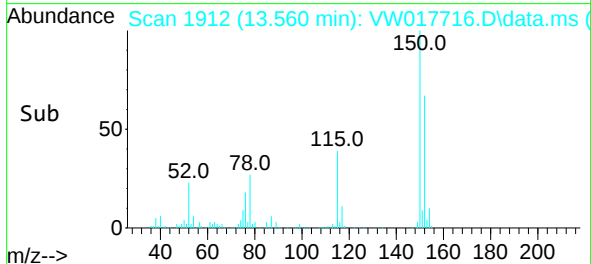
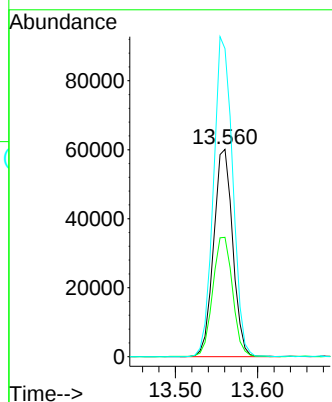
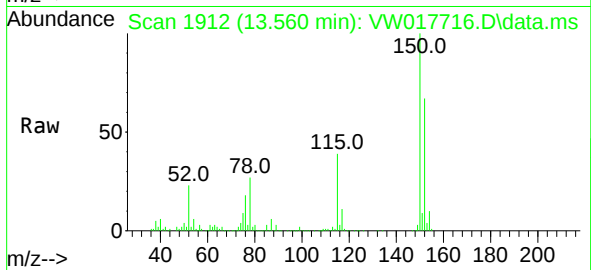




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017716.D
Acq: 23 Dec 2020 16:56

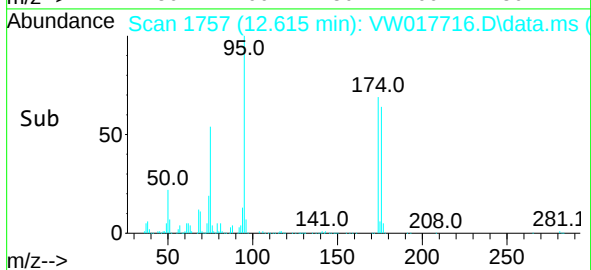
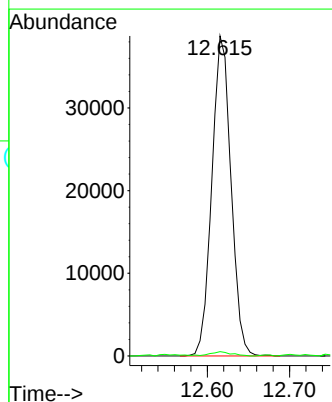
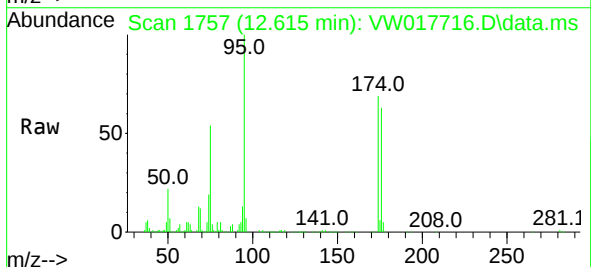
Instrument :
MSVOA_W
ClientSampleId :
NB-08-122220

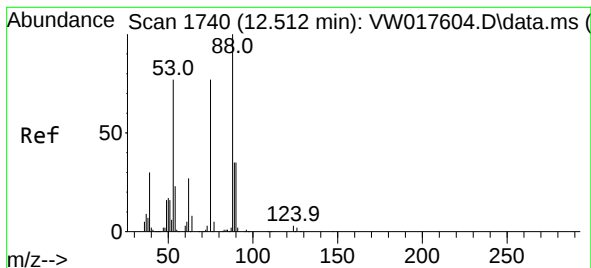
Tgt Ion:152 Resp: 96947
Ion Ratio Lower Upper
152 100
115 59.8 27.9 83.7
150 155.2 0.0 344.0



#76
1,2,3-Trichloropropane
Concen: 67.13 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW017716.D
Acq: 23 Dec 2020 16:56

Tgt Ion: 75 Resp: 62647
Ion Ratio Lower Upper
75 100
77 1.4 178.8 536.3#

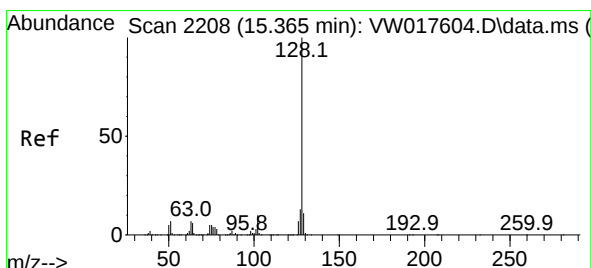
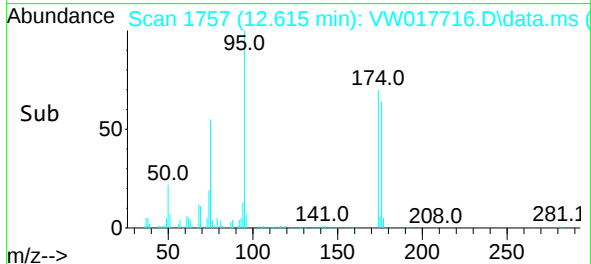
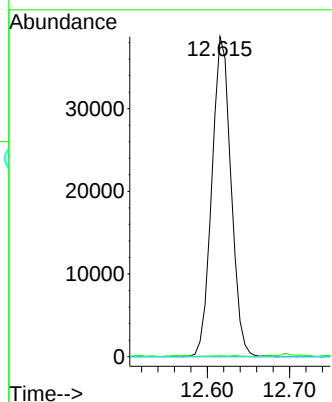
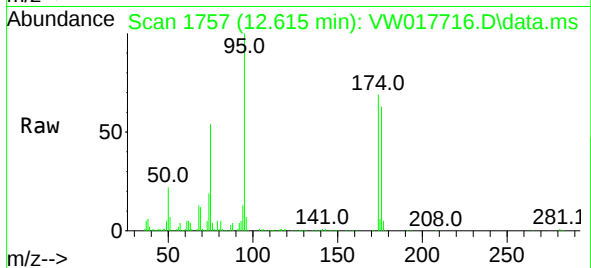




#81
trans-1,4-Dichloro-2-butene
Concen: 136.01 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.103 min
Lab File: VW017716.D
Acq: 23 Dec 2020 16:56

Instrument :
MSVOA_W
ClientSampleId :
NB-08-122220

Tgt Ion: 75 Resp: 62647
Ion Ratio Lower Upper
75 100
53 0.3 77.0 115.4#
89 0.0 38.7 58.1#



#95
Naphthalene
Concen: 6.08 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017716.D
Acq: 23 Dec 2020 16:56

Tgt Ion:128 Resp: 23126
Ion Ratio Lower Upper
128 100
127 14.5 10.4 15.6
129 13.3 8.6 12.8#

