

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122320\
 Data File : VW017719.D
 Acq On : 23 Dec 2020 18:11
 Operator : SY/VA
 Sample : L5198-01
 Misc : 5.97G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-03-122320

Quant Time: Dec 24 01:39:23 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 14 12:39:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

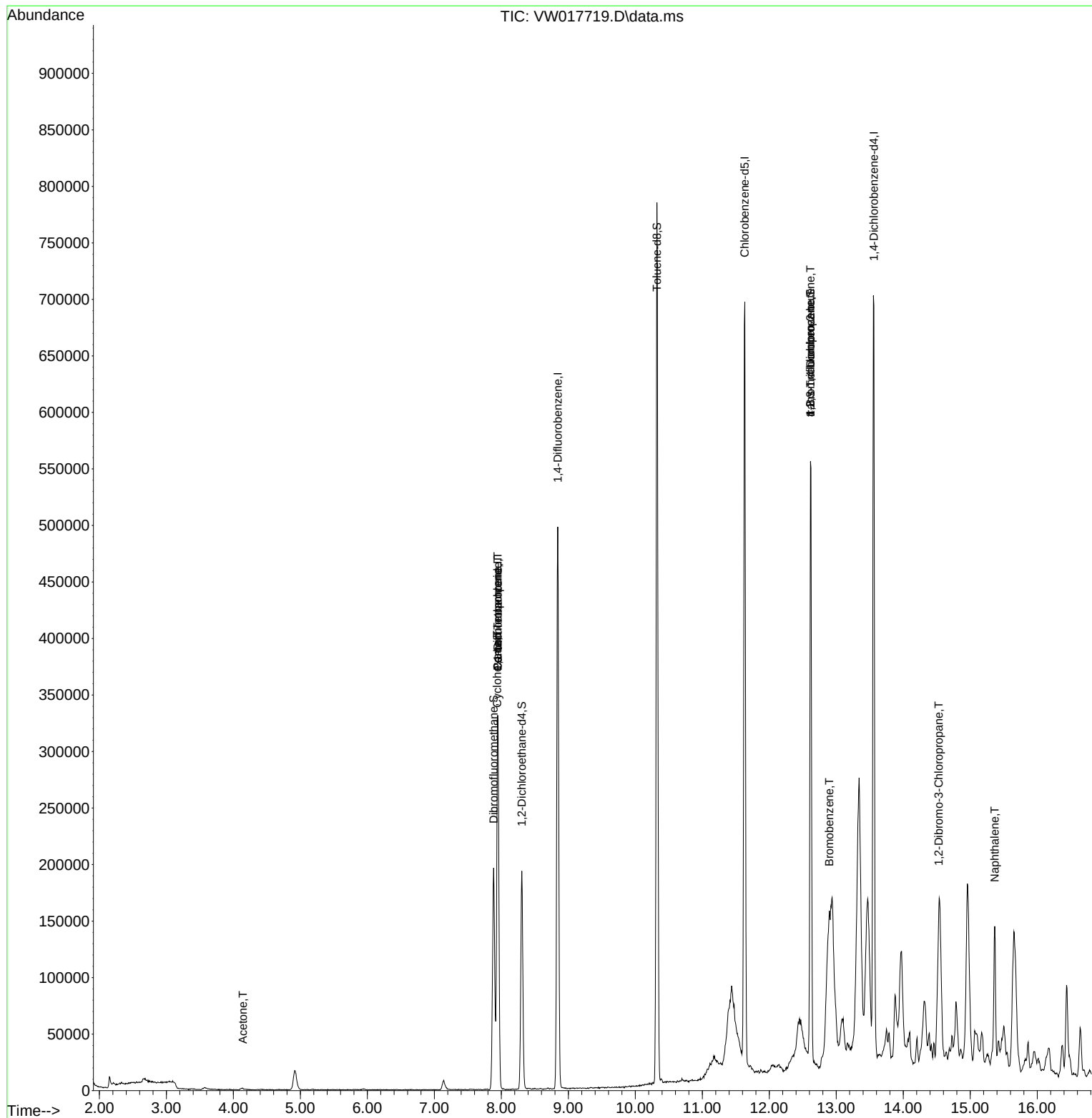
Internal Standards						
1) Pentafluorobenzene	7.945	168	241609	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	415103	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	375768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	176810	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	149392	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
35) Dibromofluoromethane	7.885	113	132229	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
50) Toluene-d8	10.323	98	507601	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
62) 4-Bromofluorobenzene	12.615	95	179889	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
Target Compounds						Qvalue
11) Tert butyl alcohol	5.190	59	373	Below Cal	#	82
16) Acetone	4.141	43	2508	3.92	ug/l	89
20) Methylene Chloride	4.916	84	14549	Below Cal		93
26) 2,2-Dichloropropane	7.135	77	686	Below Cal	#	50
31) Cyclohexane	7.939	56	6089	1.20	ug/l	# 37
36) 1,1-Dichloropropene	7.945	75	20978	4.83	ug/l	# 48
38) Carbon Tetrachloride	7.945	117	24963	5.72	ug/l	# 13
76) 1,2,3-Trichloropropane	12.615	75	98593	57.93	ug/l	# 1
77) Bromobenzene	12.896	156	101895	34.03	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.615	75	98593	117.37	ug/l	# 11
92) 1,2-Dibromo-3-Chloropr...	14.530	75	11596	27.33	ug/l	# 1
95) Naphthalene	15.365	128	101480	14.62	ug/l	99

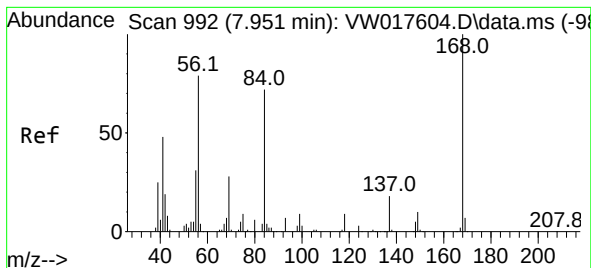
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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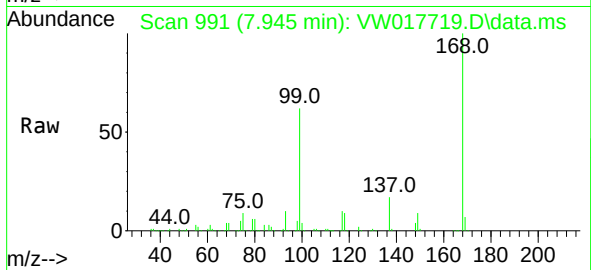
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
Quant Title : SW846 8260
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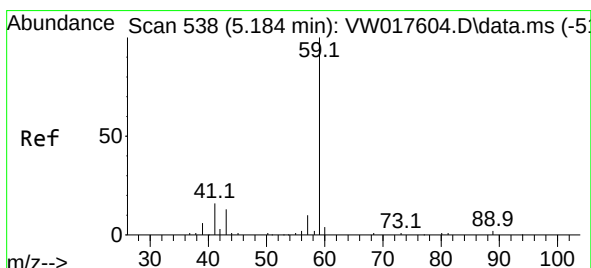
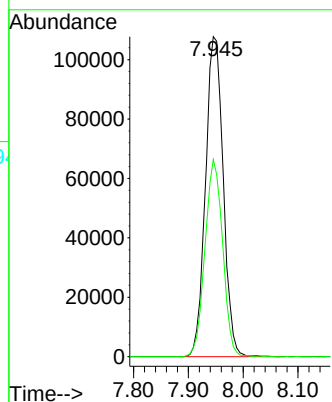
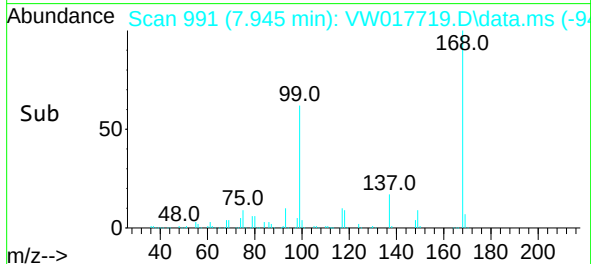


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW017719.D
Acq: 23 Dec 2020 18:11

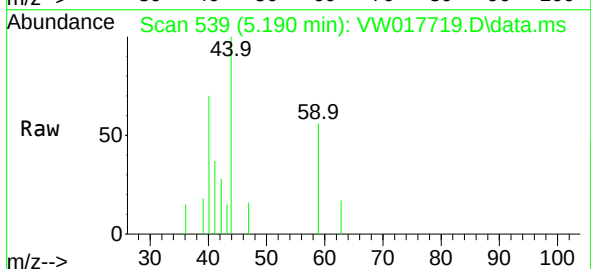
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MSVOA_W
ClientSampleId :
EO-03-122320



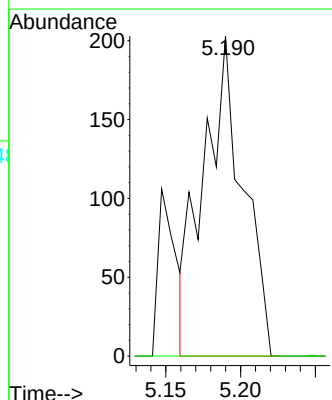
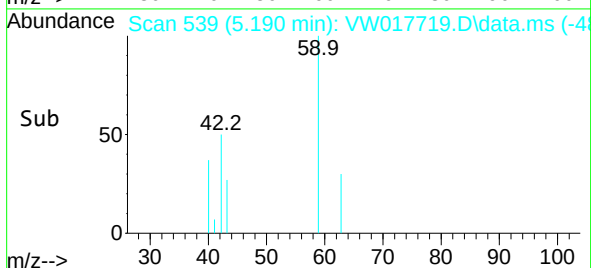
Tgt Ion:168 Resp: 241609
Ion Ratio Lower Upper
168 100
99 61.6 40.7 61.1#

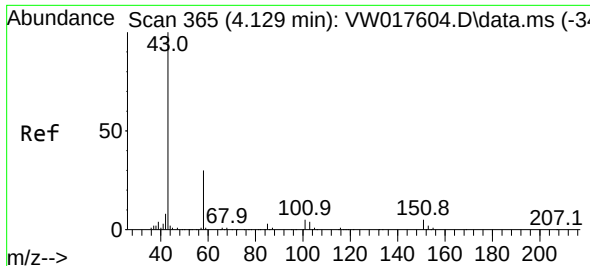


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.190 min Scan# 539
Delta R.T. 0.006 min
Lab File: VW017719.D
Acq: 23 Dec 2020 18:11



Tgt Ion: 59 Resp: 373
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

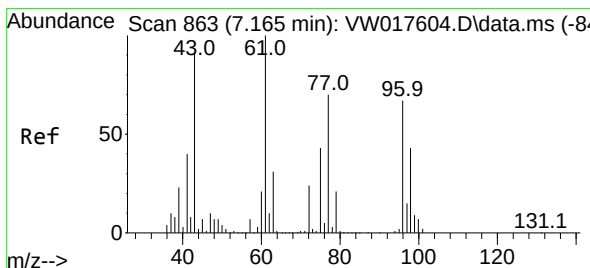
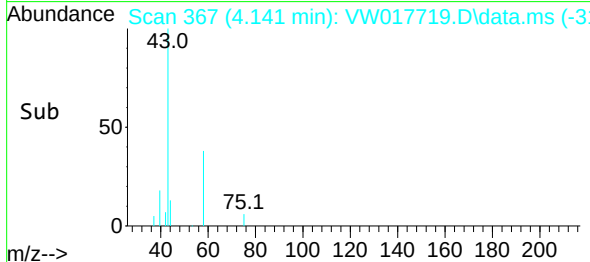
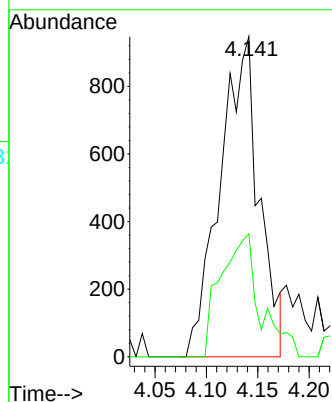
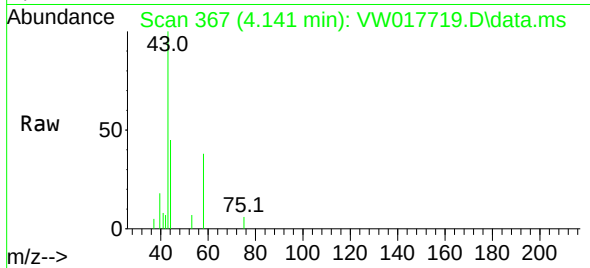




#16
Acetone
Concen: 3.92 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW017719.D
Acq: 23 Dec 2020 18:11

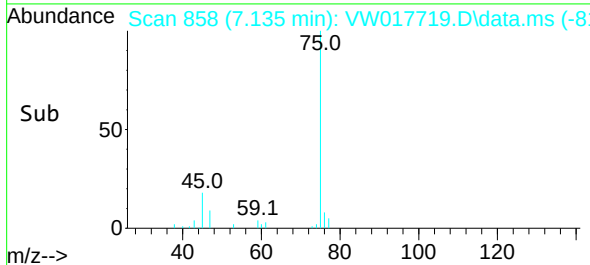
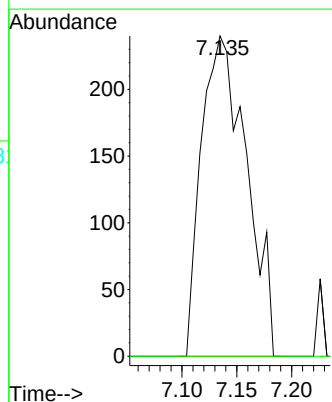
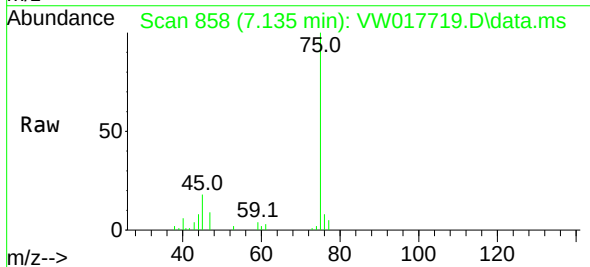
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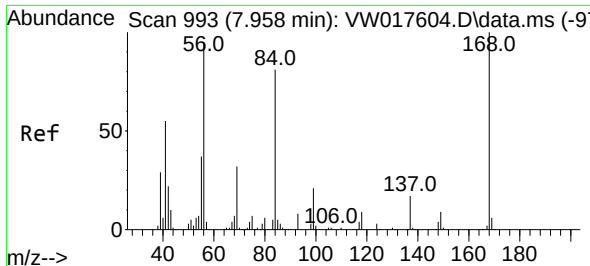
Tgt Ion: 43 Resp: 2508
Ion Ratio Lower Upper
43 100
58 38.4 25.7 38.5



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.135 min Scan# 858
Delta R.T. -0.030 min
Lab File: VW017719.D
Acq: 23 Dec 2020 18:11

Tgt Ion: 77 Resp: 686
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#

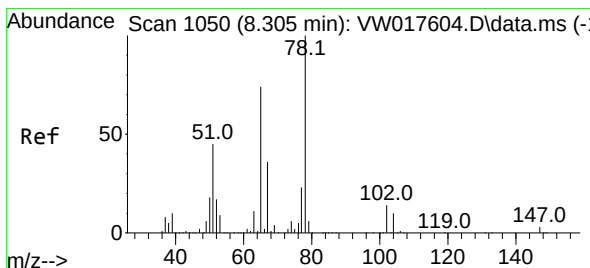
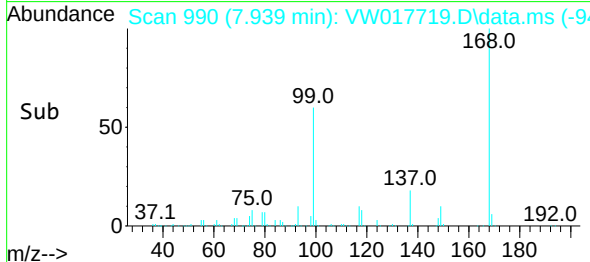
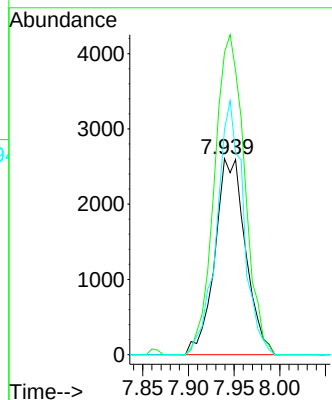
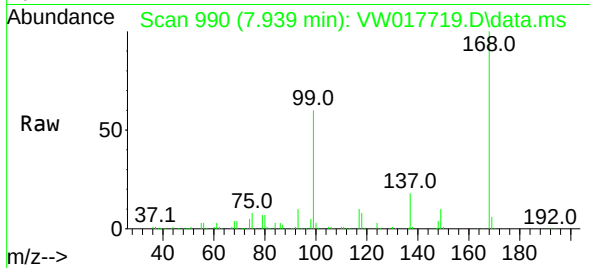




#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.939 min Scan# 990
Delta R.T. -0.019 min
Lab File: VW017719.D
Acq: 23 Dec 2020 18:11

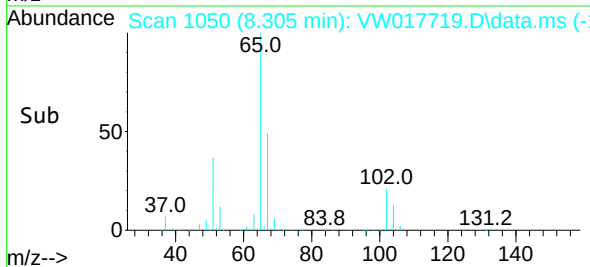
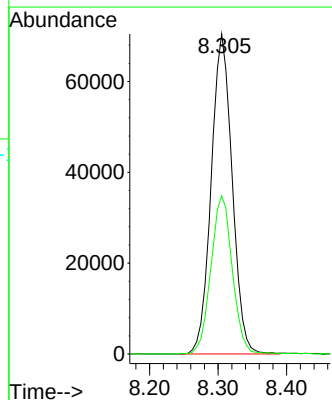
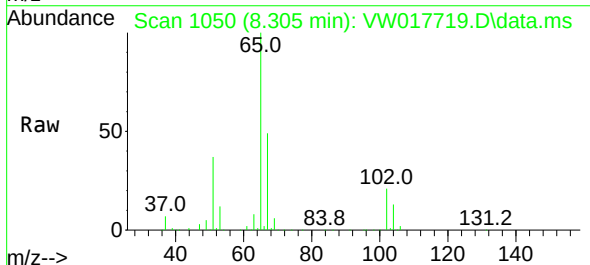
Instrument :
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ClientSampleId :
EO-03-122320

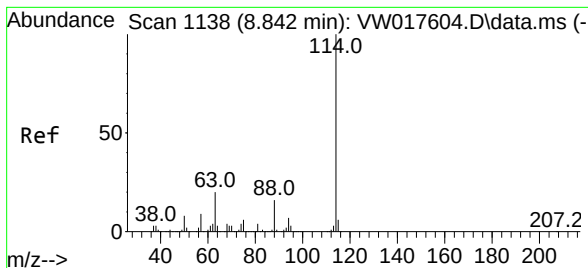
Tgt Ion: 56 Resp: 6089
Ion Ratio Lower Upper
56 100
69 154.1 29.3 43.9#
84 114.9 80.5 120.7



#33
1,2-Dichloroethane-d4
Concen: 50.76 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017719.D
Acq: 23 Dec 2020 18:11

Tgt Ion: 65 Resp: 149392
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.8

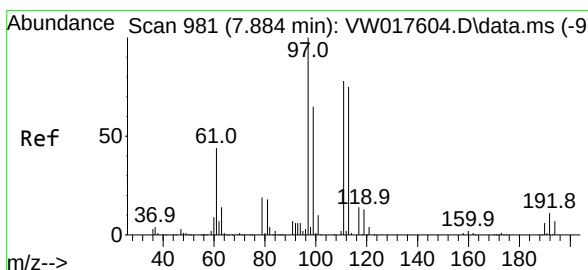
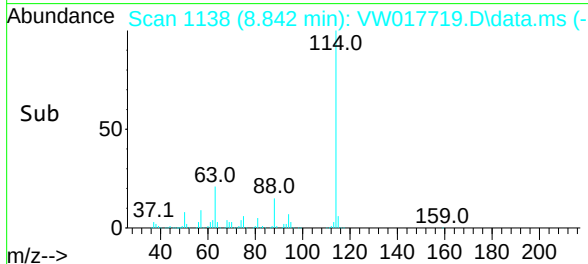
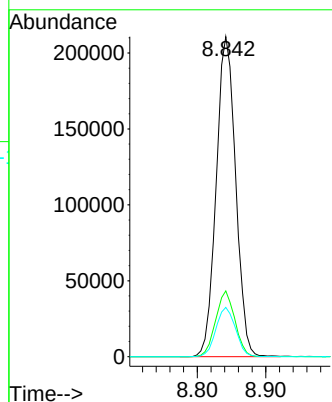
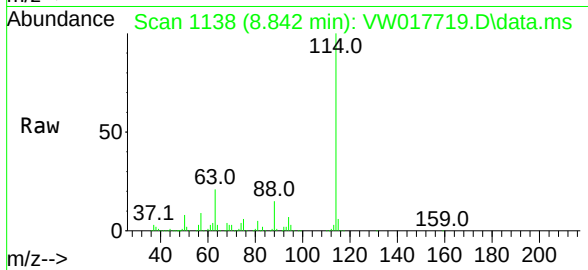




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017719.D
Acq: 23 Dec 2020 18:11

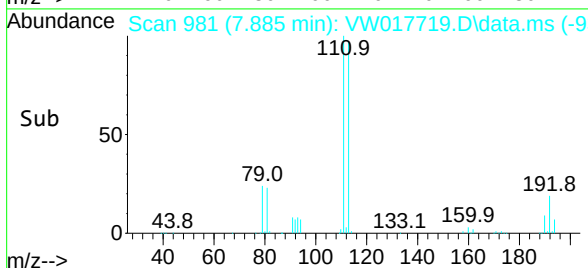
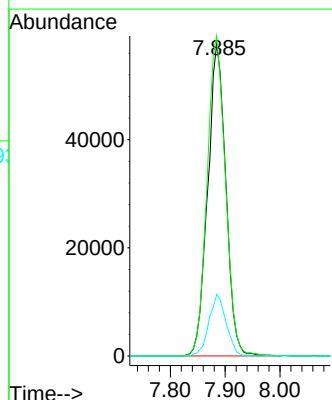
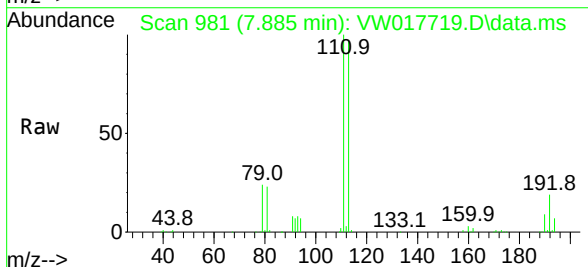
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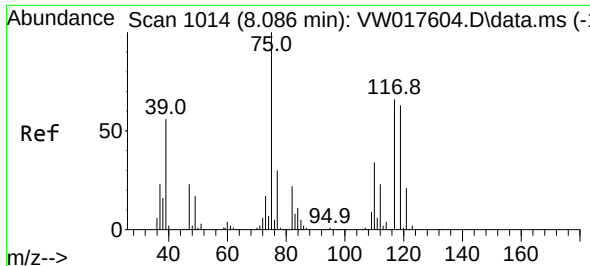
Tgt Ion:	114	Resp:	415103
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	35.6
88	15.4	0.0	30.4



#35
Dibromofluoromethane
Concen: 48.14 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.001 min
Lab File: VW017719.D
Acq: 23 Dec 2020 18:11

Tgt Ion:	113	Resp:	132229
Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.4	122.2
192	18.8	17.8	26.8

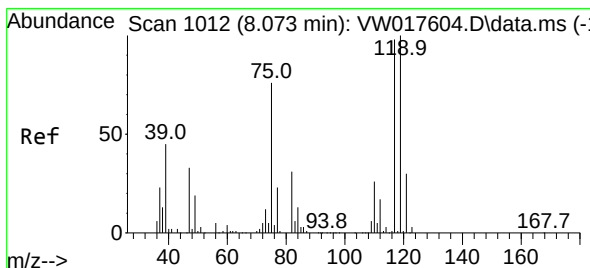
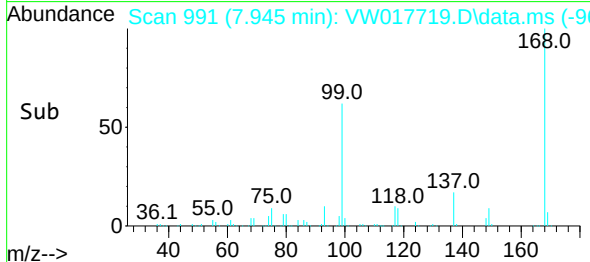
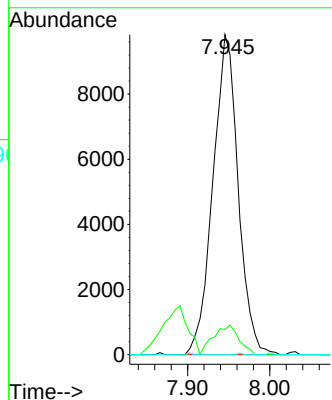
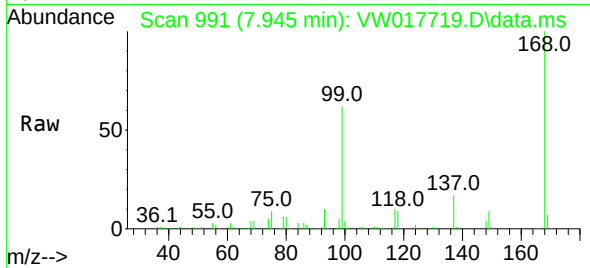




#36
1,1-Dichloropropene
Concen: 4.83 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.141 min
Lab File: VW017719.D
Acq: 23 Dec 2020 18:11

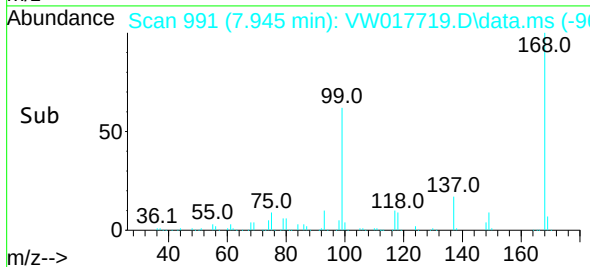
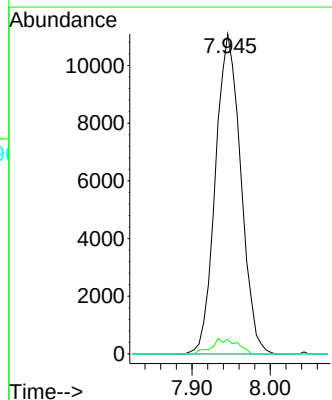
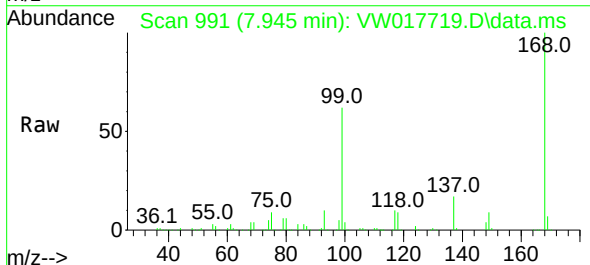
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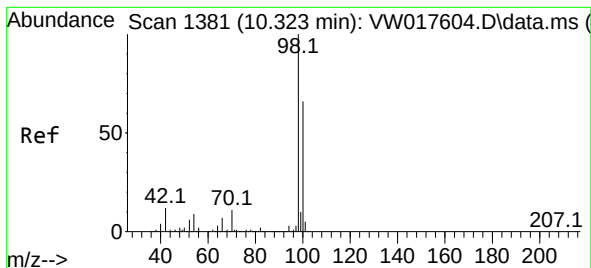
Tgt Ion: 75 Resp: 20978
Ion Ratio Lower Upper
75 100
110 9.3 19.3 57.9#
77 0.1 25.0 37.6#



#38
Carbon Tetrachloride
Concen: 5.72 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.128 min
Lab File: VW017719.D
Acq: 23 Dec 2020 18:11

Tgt Ion: 117 Resp: 24963
Ion Ratio Lower Upper
117 100
119 4.6 81.6 122.4#
121 0.0 25.7 38.5#

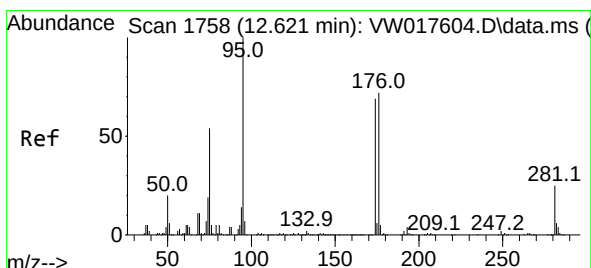
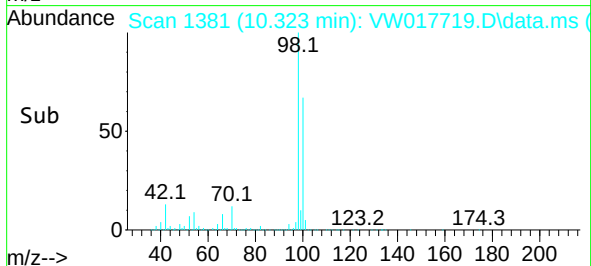
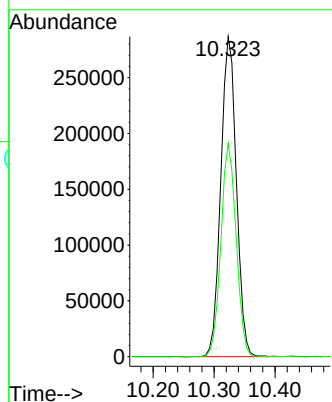
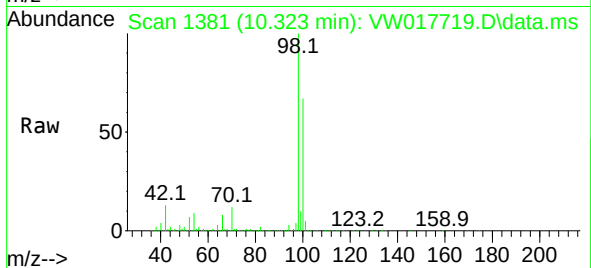




#50
Toluene-d8
Concen: 47.46 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017719.D
Acq: 23 Dec 2020 18:11

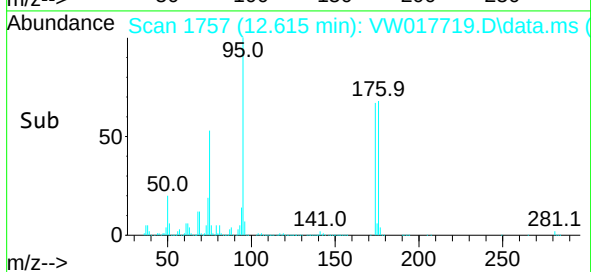
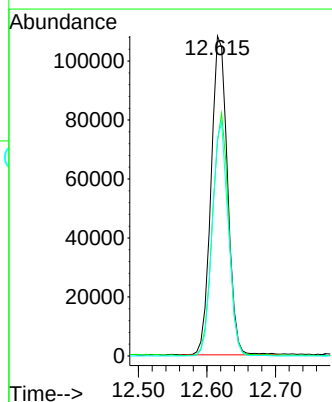
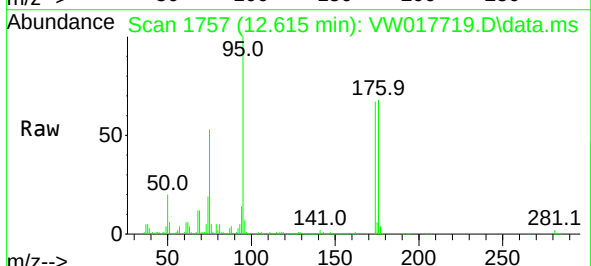
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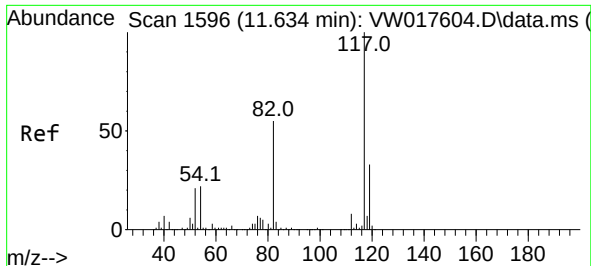
Tgt Ion: 98 Resp: 507601
Ion Ratio Lower Upper
98 100
100 65.4 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 47.11 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW017719.D
Acq: 23 Dec 2020 18:11

Tgt Ion: 95 Resp: 179889
Ion Ratio Lower Upper
95 100
174 74.1 0.0 180.6
176 71.6 0.0 177.6

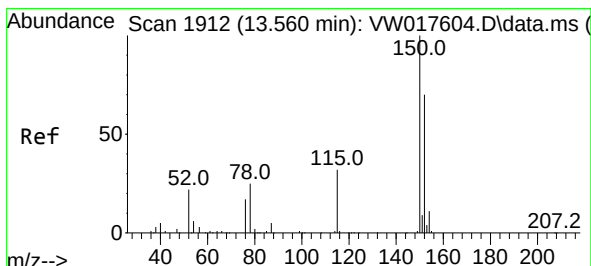
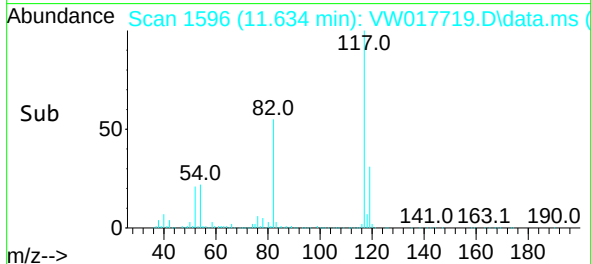
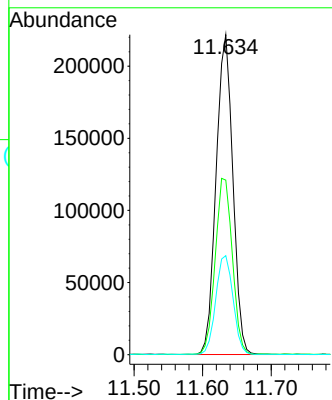
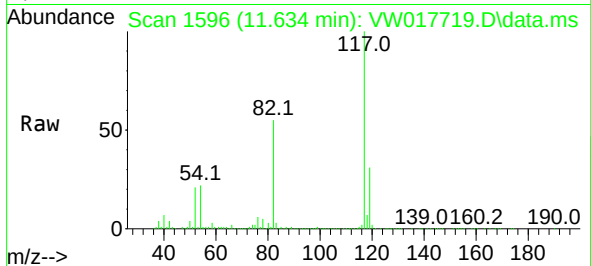




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017719.D
Acq: 23 Dec 2020 18:11

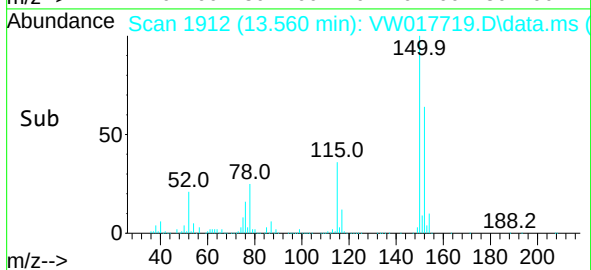
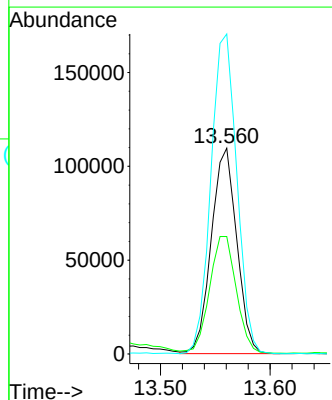
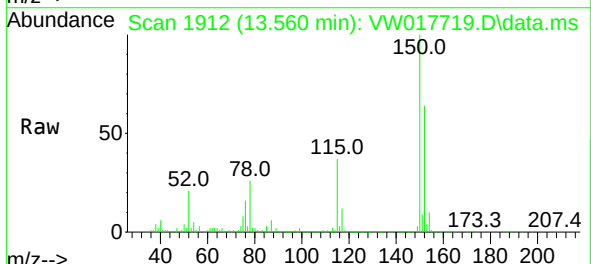
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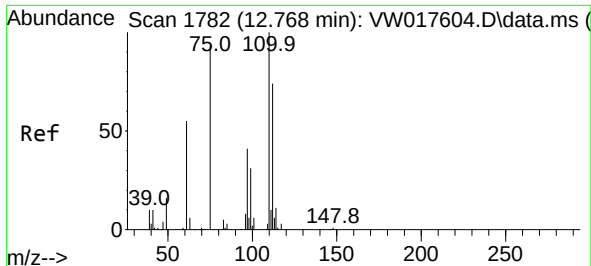
Tgt Ion:117 Resp: 375768
Ion Ratio Lower Upper
117 100
82 54.5 40.7 61.1
119 30.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017719.D
Acq: 23 Dec 2020 18:11

Tgt Ion:152 Resp: 176810
Ion Ratio Lower Upper
152 100
115 60.0 27.9 83.7
150 157.9 0.0 344.0

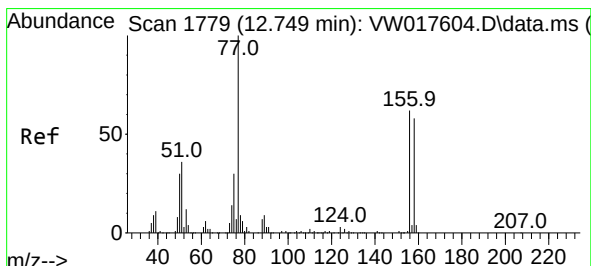
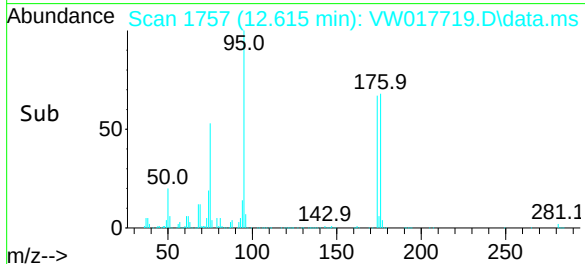
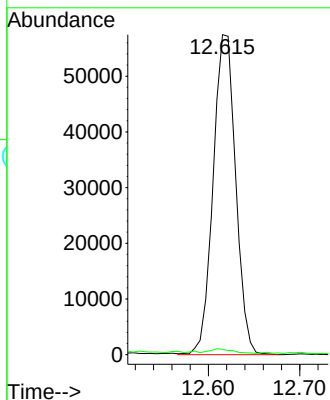
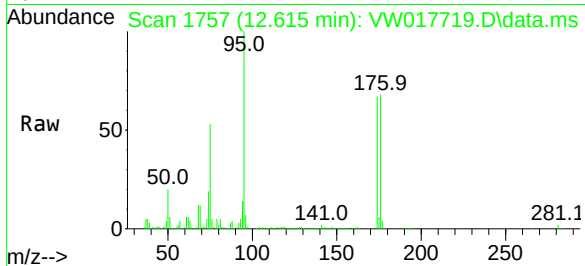




#76
1,2,3-Trichloropropane
Concen: 57.93 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW017719.D
Acq: 23 Dec 2020 18:11

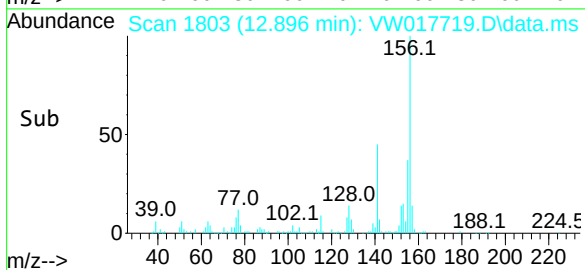
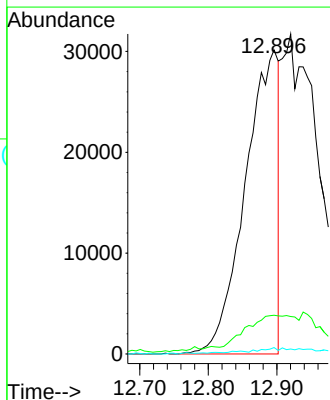
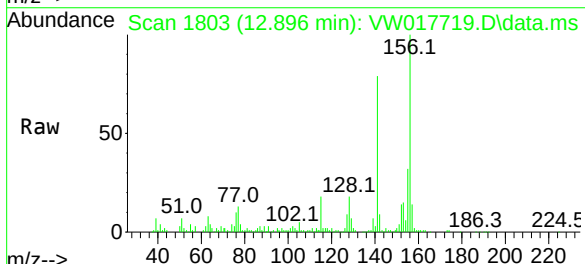
Instrument :
MSVOA_W
ClientSampleId :
EO-03-122320

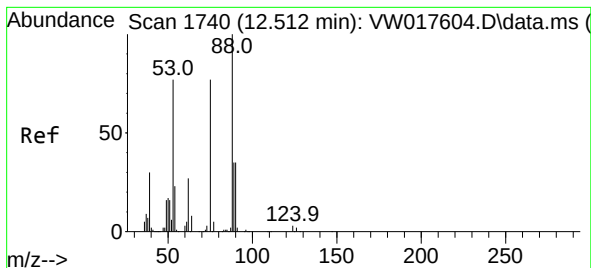
Tgt Ion: 75 Resp: 98593
Ion Ratio Lower Upper
75 100
77 1.4 178.8 536.3#



#77
Bromobenzene
Concen: 34.03 ug/l
RT: 12.896 min Scan# 1803
Delta R.T. 0.147 min
Lab File: VW017719.D
Acq: 23 Dec 2020 18:11

Tgt Ion:156 Resp: 101895
Ion Ratio Lower Upper
156 100
77 16.6 79.0 237.2#
158 0.7 47.0 141.2#

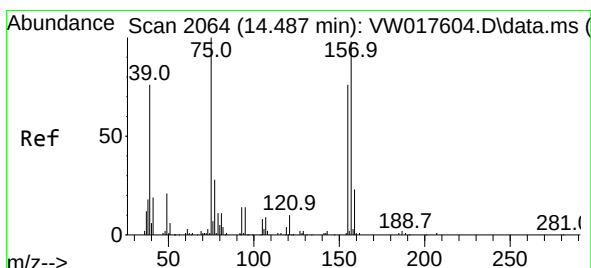
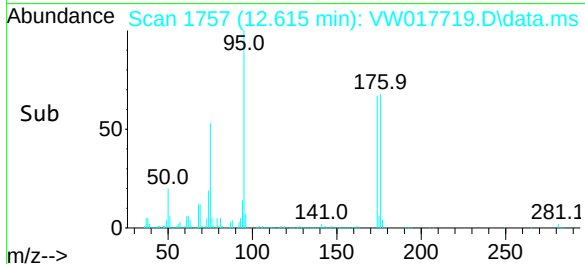
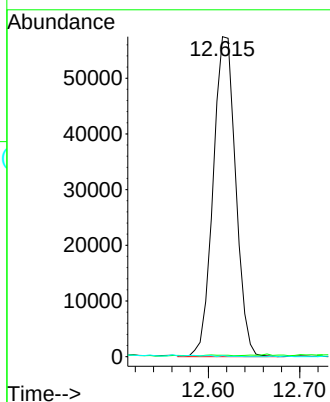
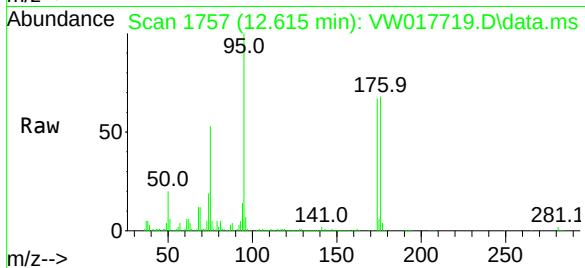




#81
trans-1,4-Dichloro-2-butene
Concen: 117.37 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.103 min
Lab File: VW017719.D
Acq: 23 Dec 2020 18:11

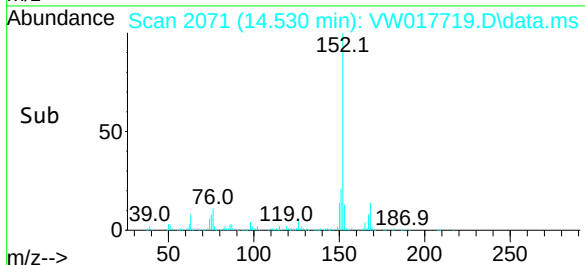
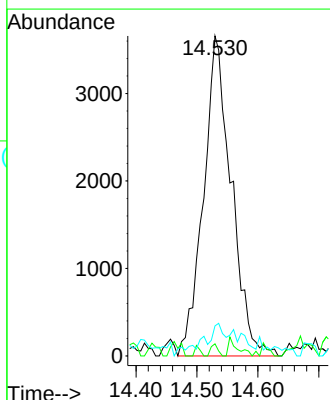
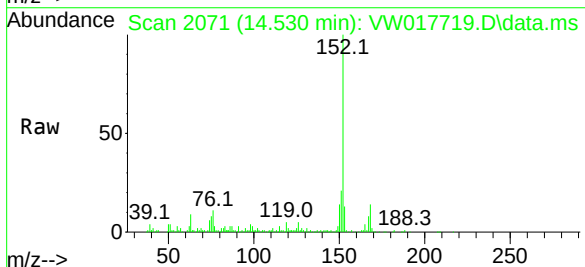
Instrument :
MSVOA_W
ClientSampleId :
EO-03-122320

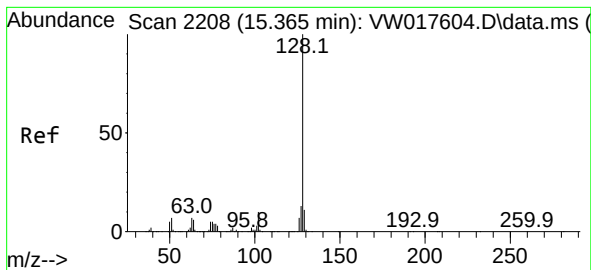
Tgt Ion: 75 Resp: 98593
Ion Ratio Lower Upper
75 100
53 0.3 77.0 115.4#
89 0.0 38.7 58.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 27.33 ug/l
RT: 14.530 min Scan# 2071
Delta R.T. 0.043 min
Lab File: VW017719.D
Acq: 23 Dec 2020 18:11

Tgt Ion: 75 Resp: 11596
Ion Ratio Lower Upper
75 100
155 0.0 47.6 142.8#
157 2.2 62.2 186.6#





#95
Naphthalene
Concen: 14.62 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017719.D
Acq: 23 Dec 2020 18:11

Instrument :
MSVOA_W
ClientSampleId :
EO-03-122320

Tgt Ion:128 Resp: 101480
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.2 8.6 12.8

