

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072021\
 Data File : VW019508.D
 Acq On : 20 Jul 2021 13:40
 Operator : SY/VA
 Sample : M3056-01
 Misc : 5.08g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-VNJ-239

Quant Time: Jul 20 14:16:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 20 04:37:55 2021
 Response via : Initial Calibration

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

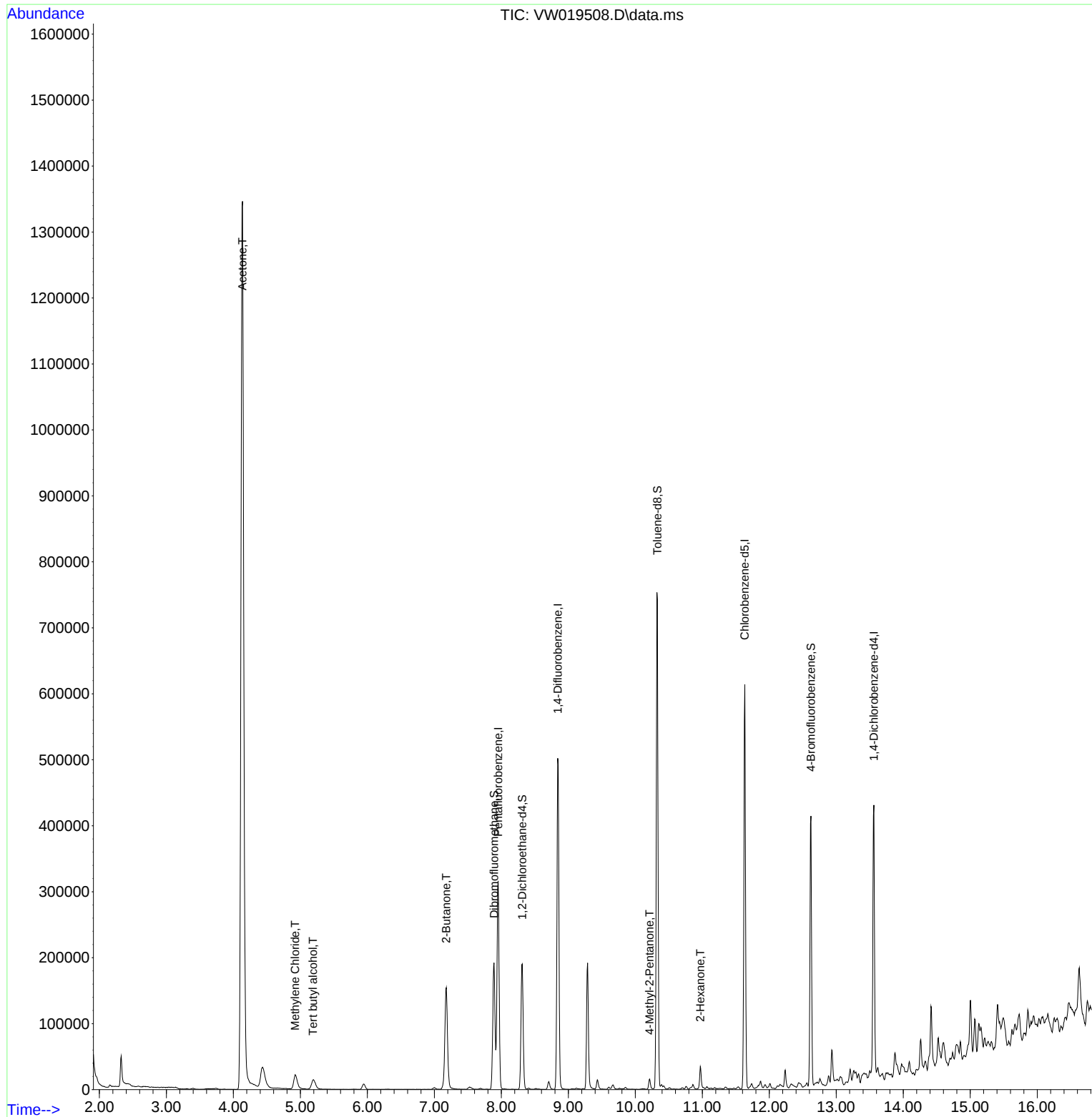
Internal Standards						
1) Pentafluorobenzene	7.952	168	228036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	425735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	331513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	110320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	155960	72.754	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 145.500%			
35) Dibromofluoromethane	7.891	113	139865	53.772	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.540%			
50) Toluene-d8	10.329	98	500827	49.731	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.460%			
62) 4-Bromofluorobenzene	12.622	95	145957	38.638	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 77.280%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.190	59	32033	201.067	ug/l	99
16) Acetone	4.135	43	2532677	6106.818	ug/l	97
20) Methylene Chloride	4.922	84	20179	3.106	ug/l	96
25) 2-Butanone	7.177	43	255082	357.549	ug/l	99
51) 4-Methyl-2-Pentanone	10.213	43	8819	4.808	ug/l	97
59) 2-Hexanone	10.969	43	22028	18.102	ug/l	96

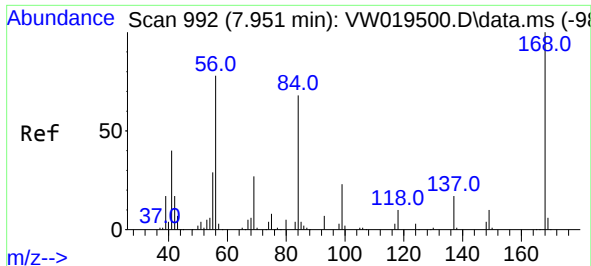
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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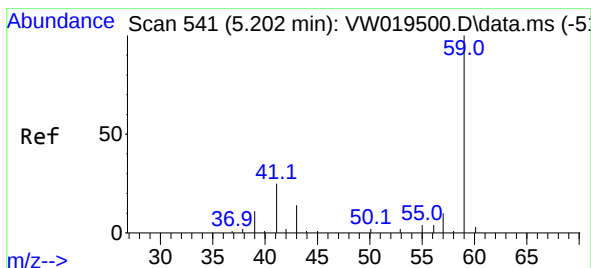
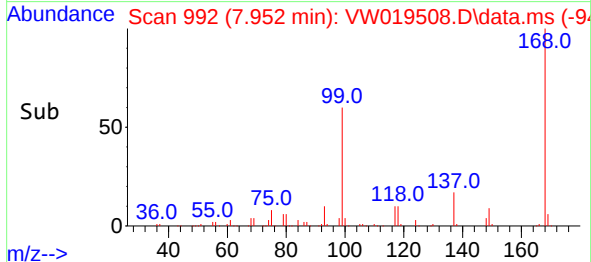
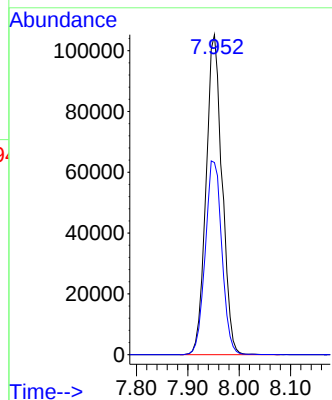
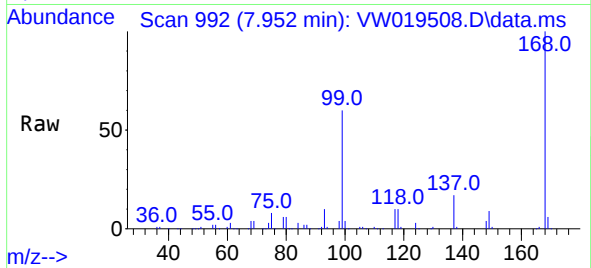




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW019508.D
Acq: 20 Jul 2021 13:40

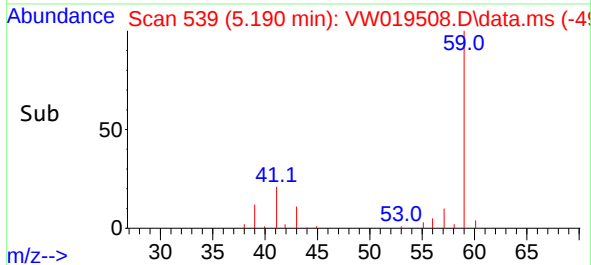
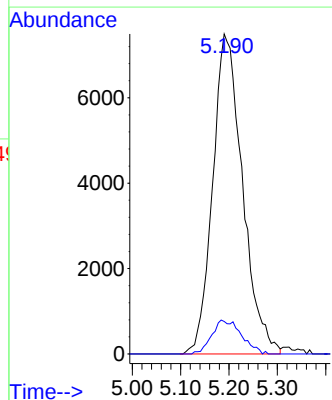
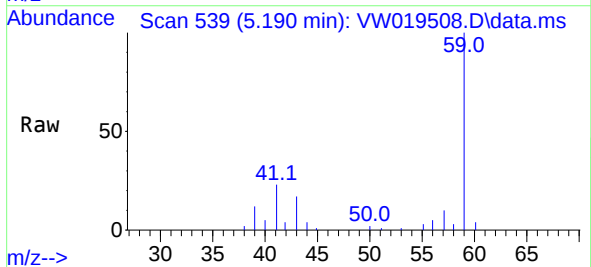
Instrument :
MSVOA_W
ClientSampleId :
RO-VNJ-239

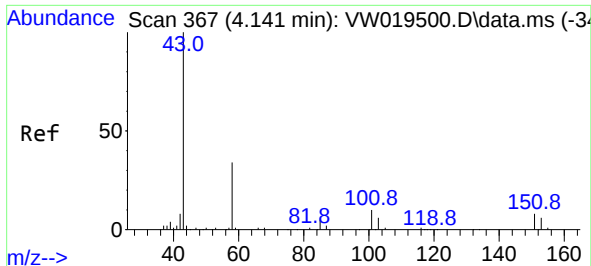
Tgt Ion:168 Resp: 228036
Ion Ratio Lower Upper
168 100
99 60.0 51.9 77.9



#11
Tert butyl alcohol
Concen: 201.067 ug/l
RT: 5.190 min Scan# 539
Delta R.T. -0.012 min
Lab File: VW019508.D
Acq: 20 Jul 2021 13:40

Tgt Ion: 59 Resp: 32033
Ion Ratio Lower Upper
59 100
57 10.6 8.0 12.0

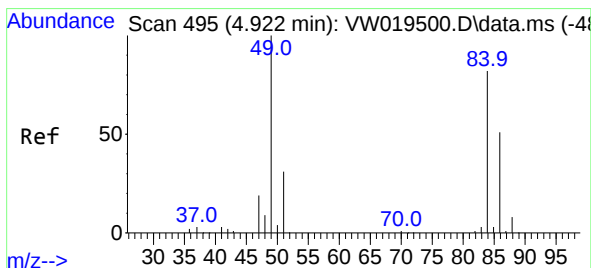
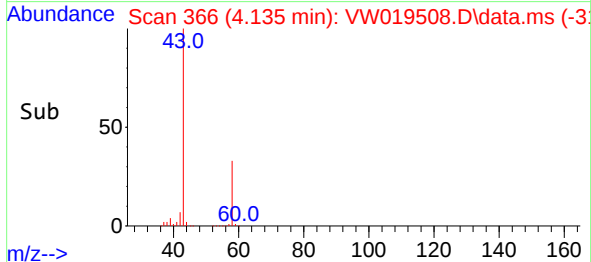
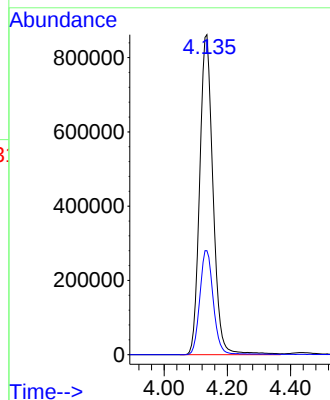
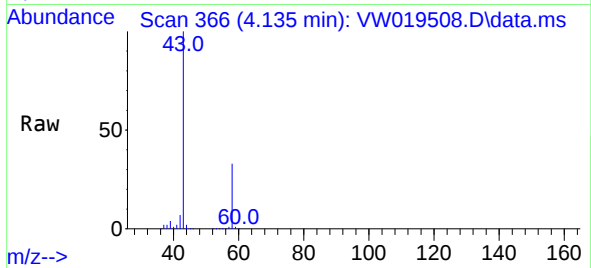




#16
Acetone
Concen: 6106.818 ug/l
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW019508.D
Acq: 20 Jul 2021 13:40

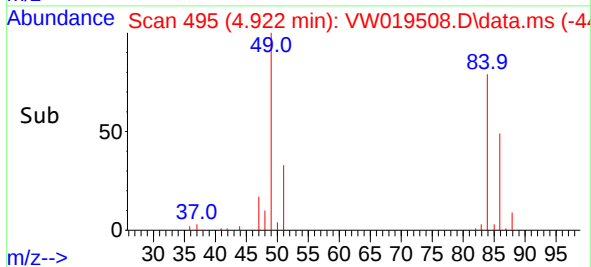
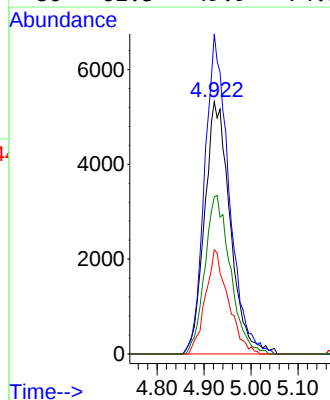
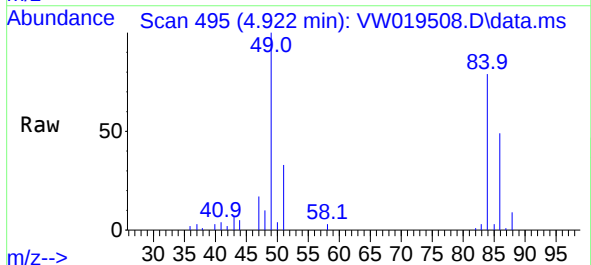
Instrument :
MSVOA_W
ClientSampleId :
RO-VNJ-239

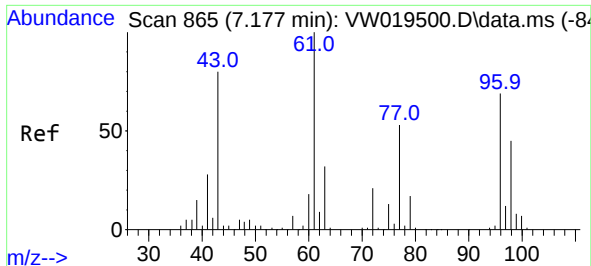
Tgt Ion: 43 Resp: 2532677
Ion Ratio Lower Upper
43 100
58 32.5 27.2 40.8



#20
Methylene Chloride
Concen: 3.106 ug/l
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019508.D
Acq: 20 Jul 2021 13:40

Tgt Ion: 84 Resp: 20179
Ion Ratio Lower Upper
84 100
49 126.9 97.2 145.8
51 41.3 30.1 45.1
86 62.3 49.9 74.9

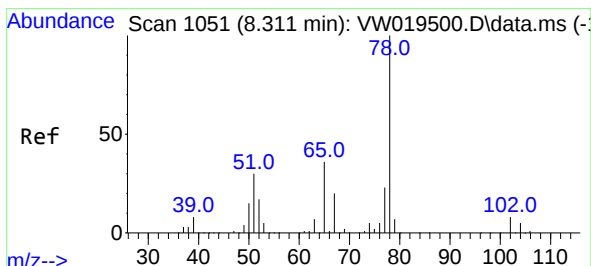
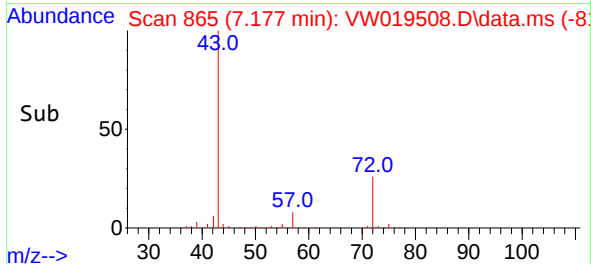
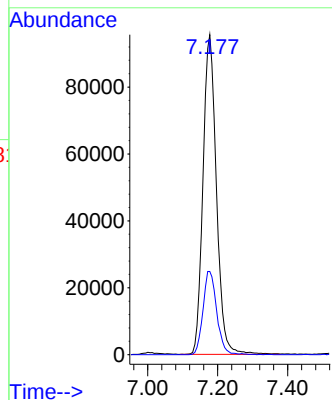
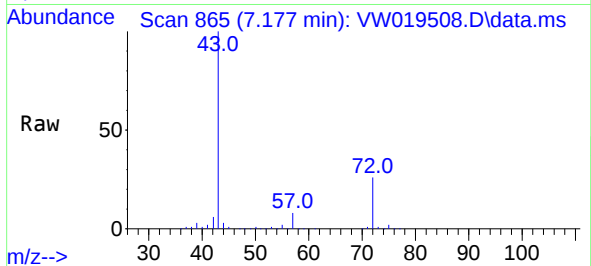




#25
2-Butanone
Concen: 357.549 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW019508.D
Acq: 20 Jul 2021 13:40

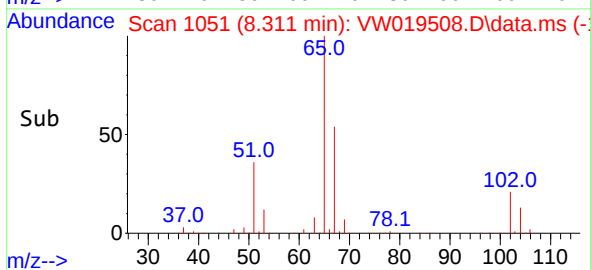
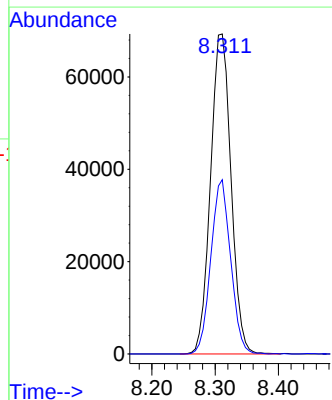
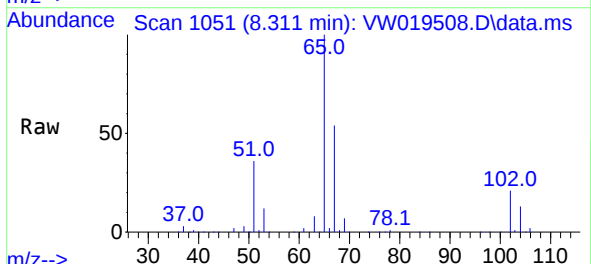
Instrument :
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ClientSampled :
RO-VNJ-239

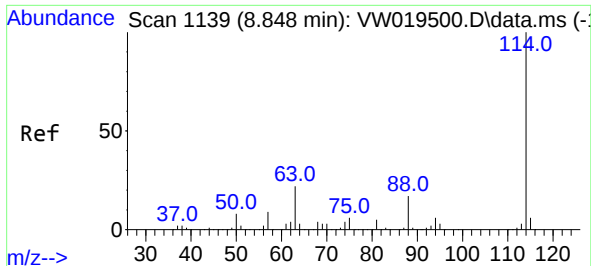
Tgt Ion: 43 Resp: 255082
Ion Ratio Lower Upper
43 100
72 26.0 21.4 32.0



#33
1,2-Dichloroethane-d4
Concen: 72.754 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019508.D
Acq: 20 Jul 2021 13:40

Tgt Ion: 65 Resp: 155960
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.8

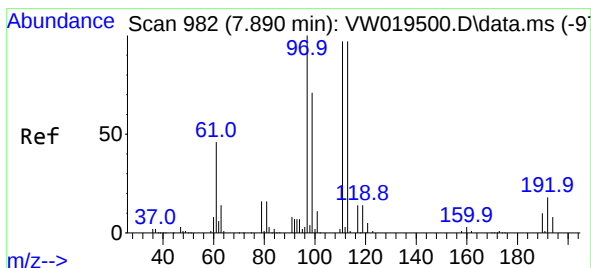
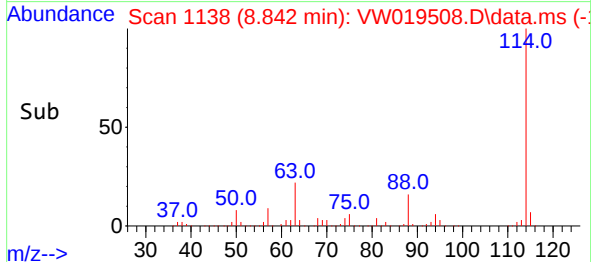
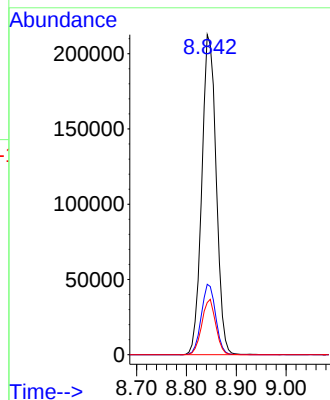
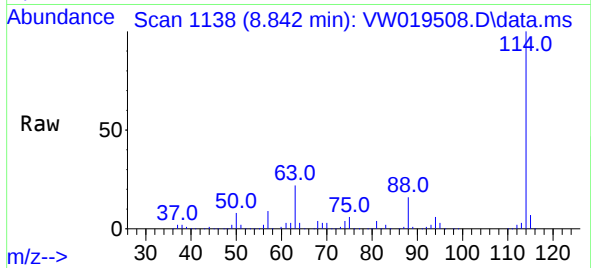




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VW019508.D
Acq: 20 Jul 2021 13:40

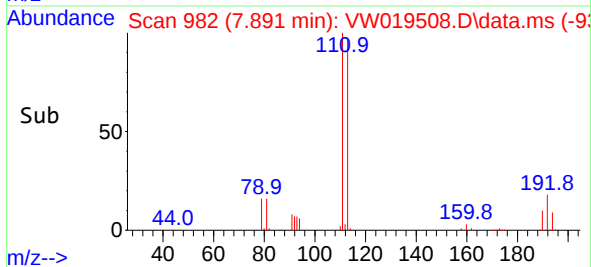
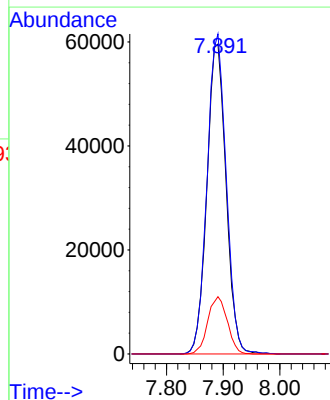
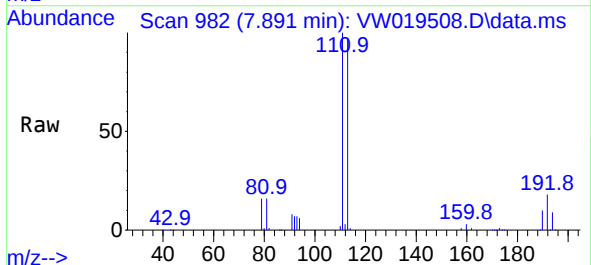
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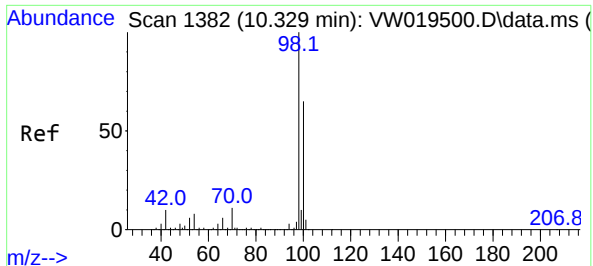
Tgt Ion:114 Resp: 425735
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.8
88 16.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 53.772 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.001 min
Lab File: VW019508.D
Acq: 20 Jul 2021 13:40

Tgt Ion:113 Resp: 139865
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.6
192 18.8 15.4 23.2

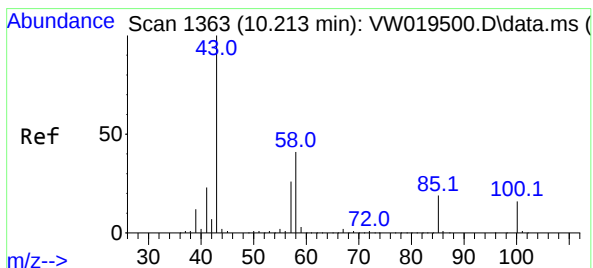
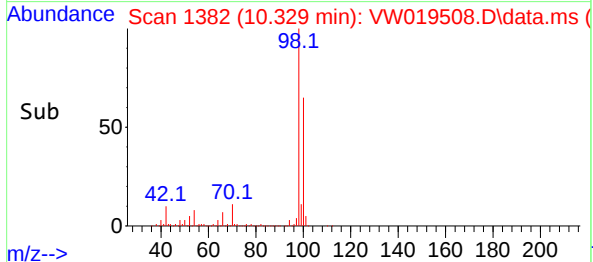
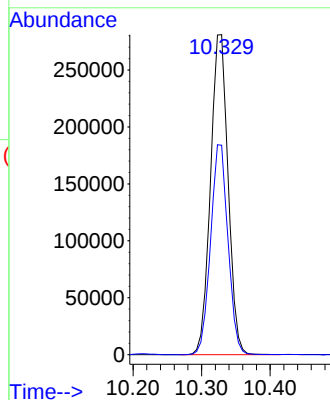
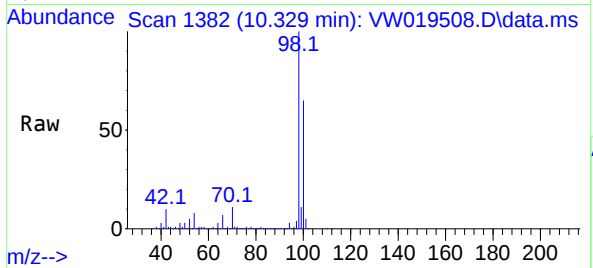




#50
Toluene-d8
Concen: 49.731 ug/l
RT: 10.329 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VW019508.D
Acq: 20 Jul 2021 13:40

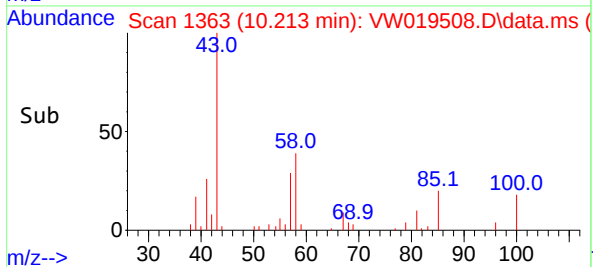
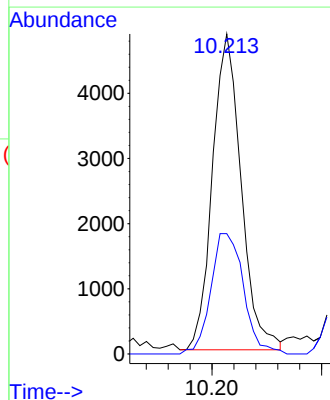
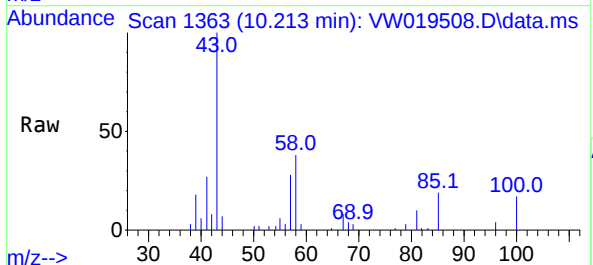
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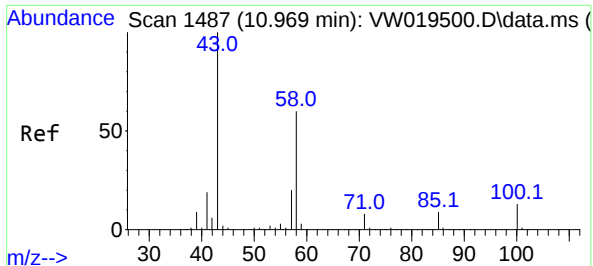
Tgt Ion: 98 Resp: 500827
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 4.808 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW019508.D
Acq: 20 Jul 2021 13:40

Tgt Ion: 43 Resp: 8819
Ion Ratio Lower Upper
43 100
58 43.5 33.4 50.0

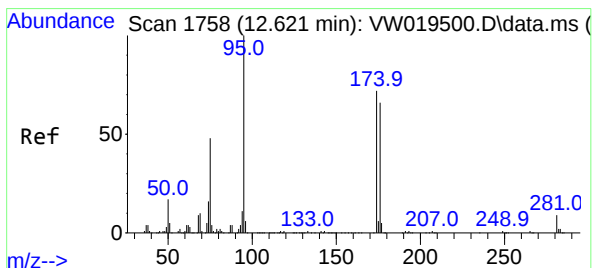
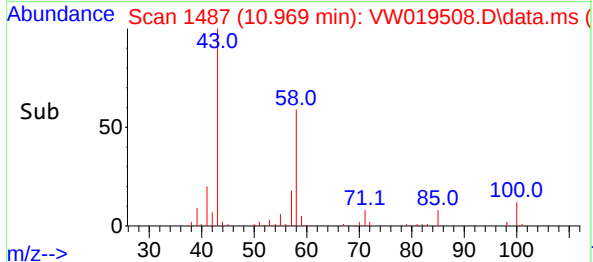
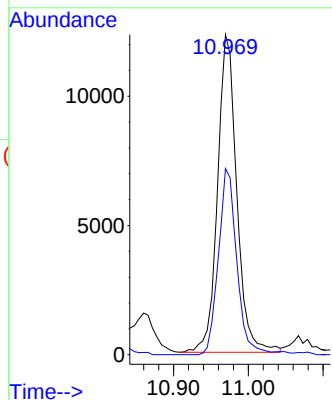
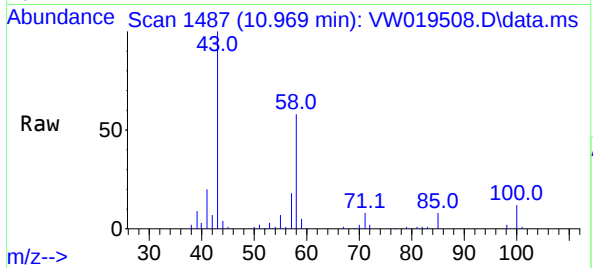




#59
2-Hexanone
Concen: 18.102 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019508.D
Acq: 20 Jul 2021 13:40

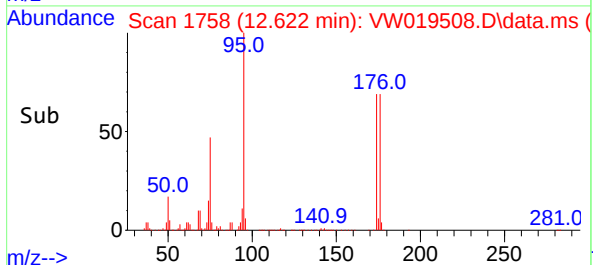
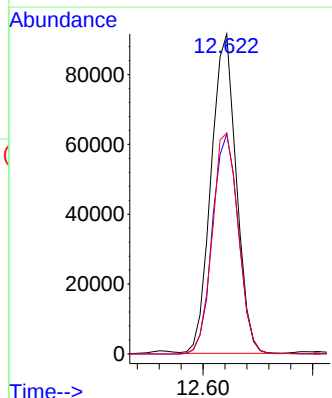
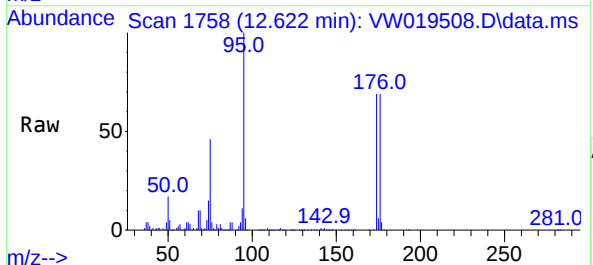
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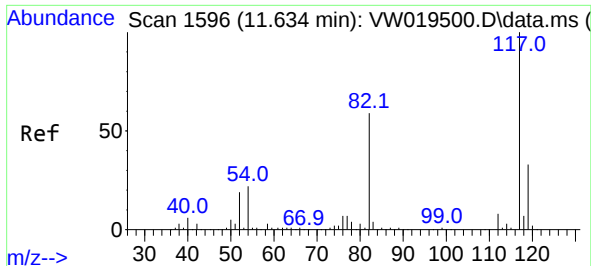
Tgt Ion: 43 Resp: 22028
Ion Ratio Lower Upper
43 100
58 55.8 29.3 87.8



#62
4-Bromofluorobenzene
Concen: 38.638 ug/l
RT: 12.622 min Scan# 1758
Delta R.T. 0.001 min
Lab File: VW019508.D
Acq: 20 Jul 2021 13:40

Tgt Ion: 95 Resp: 145957
Ion Ratio Lower Upper
95 100
174 71.1 0.0 146.6
176 71.6 0.0 136.8

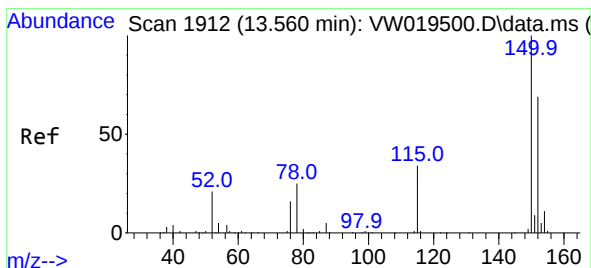
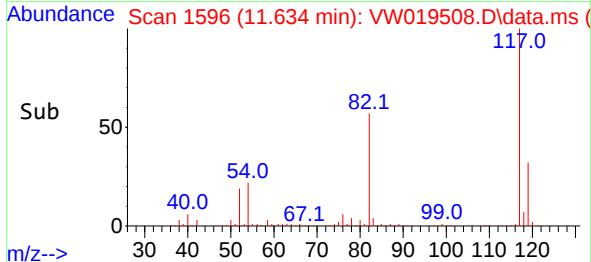
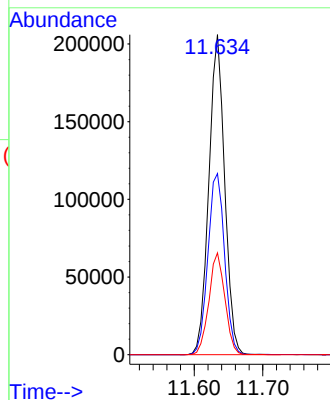
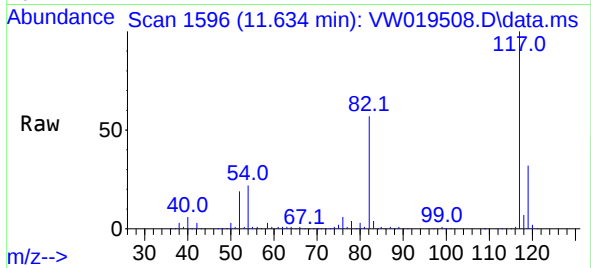




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019508.D
Acq: 20 Jul 2021 13:40

Instrument :
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Tgt Ion:117 Resp: 331513
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.0
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019508.D
Acq: 20 Jul 2021 13:40

Tgt Ion:152 Resp: 110320
Ion Ratio Lower Upper
152 100
115 60.0 30.6 91.8
150 156.5 0.0 342.4

