

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071421\
 Data File : VD069698.D
 Acq On : 14 Jul 2021 20:03
 Operator : VA/SY
 Sample : M3026-01
 Misc : 11.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ABN-JG-1

Quant Time: Jul 15 03:33:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

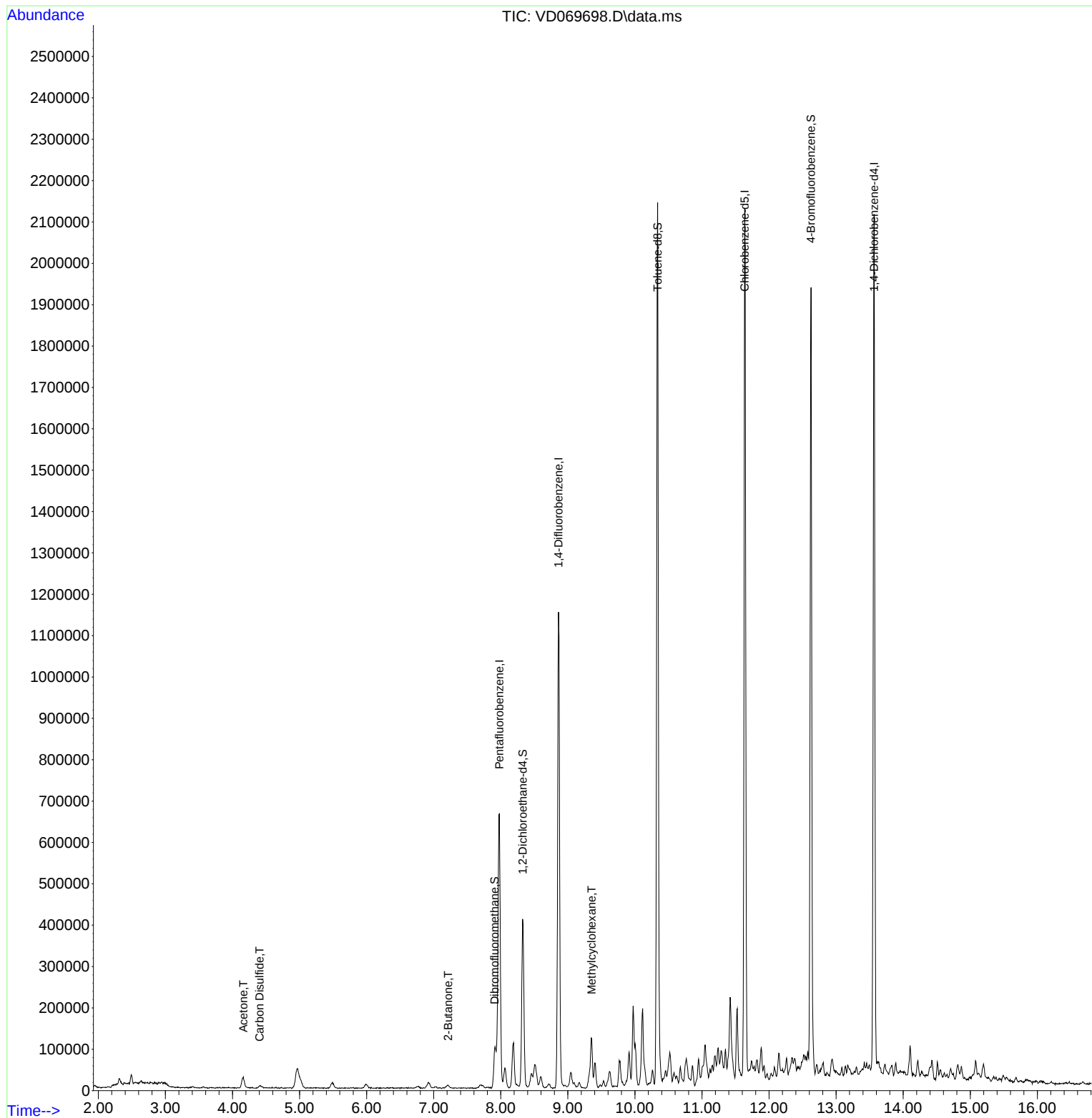
Internal Standards						
1) Pentafluorobenzene	7.979	168	452709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	963016	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1201940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	546738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	322668	57.083	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.160%
35) Dibromofluoromethane	7.908	113	76891	11.901	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	23.800%#
50) Toluene-d8	10.338	98	1370519	54.603	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.200%
62) 4-Bromofluorobenzene	12.626	95	599217	71.582	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	143.160%
Target Compounds						
						Qvalue
16) Acetone	4.161	43	44665	47.443	ug/l	99
17) Carbon Disulfide	4.403	76	10849	1.053	ug/l	100
25) 2-Butanone	7.214	43	8451	6.326	ug/l	97
39) Methylcyclohexane	9.355	83	29671	4.361	ug/l #	85

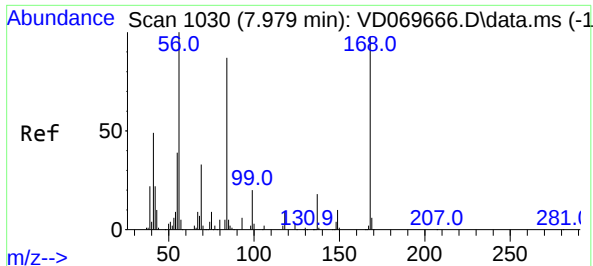
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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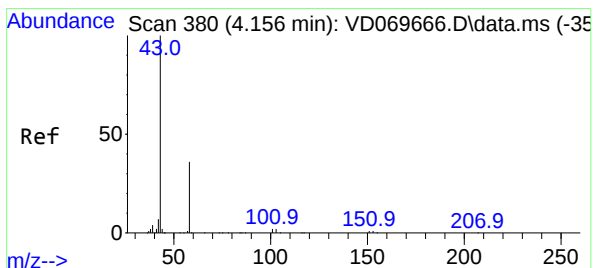
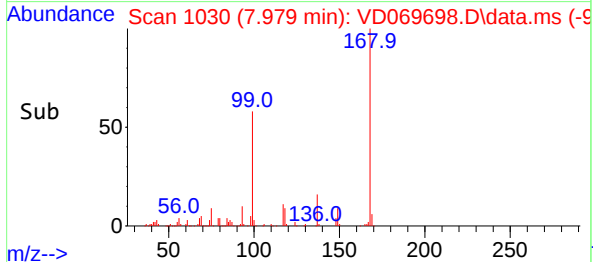
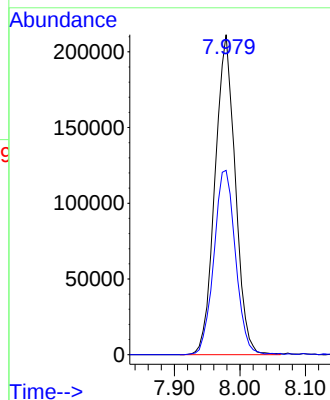
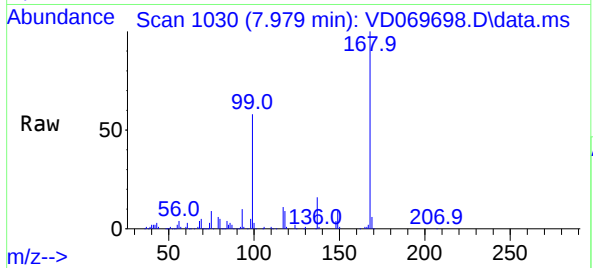




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069698.D
Acq: 14 Jul 2021 20:03

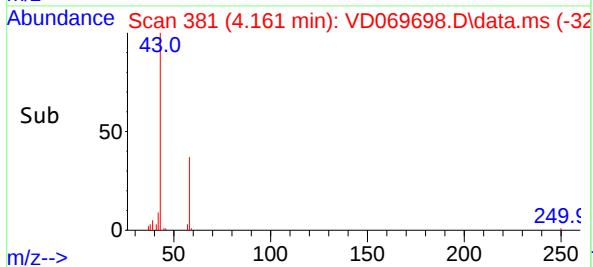
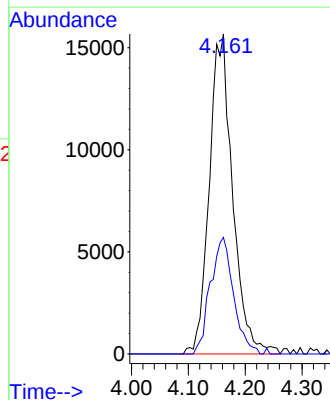
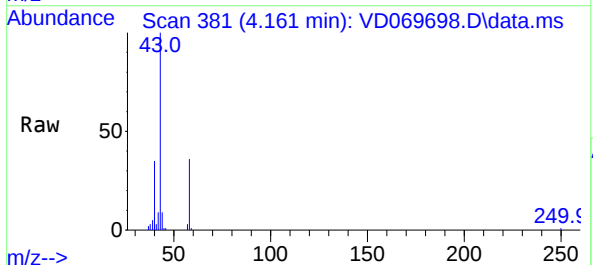
Instrument :
MSVOA_D
ClientSampleId :
ABN-JG-1

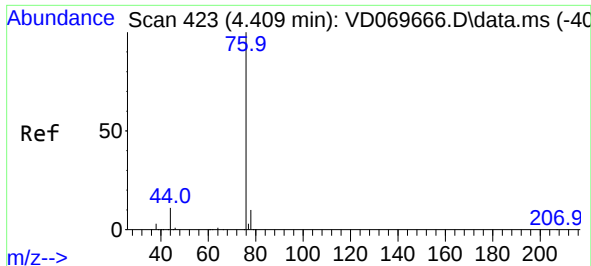
Tgt Ion:168 Resp: 452709
Ion Ratio Lower Upper
168 100
99 57.6 51.8 77.6



#16
Acetone
Concen: 47.443 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD069698.D
Acq: 14 Jul 2021 20:03

Tgt Ion: 43 Resp: 44665
Ion Ratio Lower Upper
43 100
58 36.5 28.6 42.8

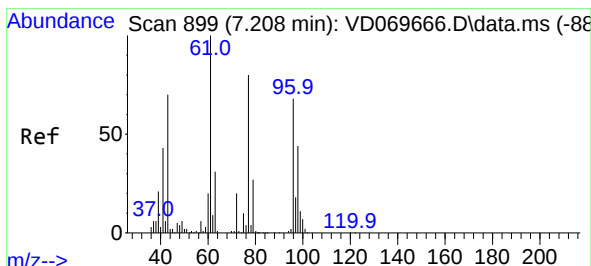
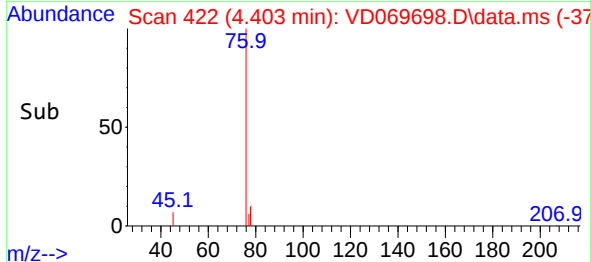
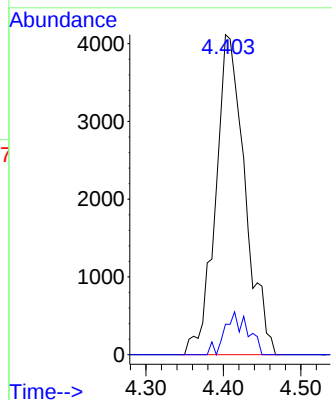
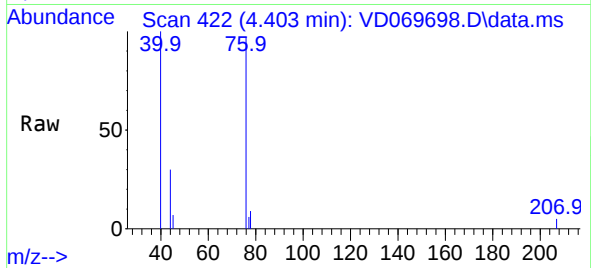




#17
Carbon Disulfide
Concen: 1.053 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD069698.D
Acq: 14 Jul 2021 20:03

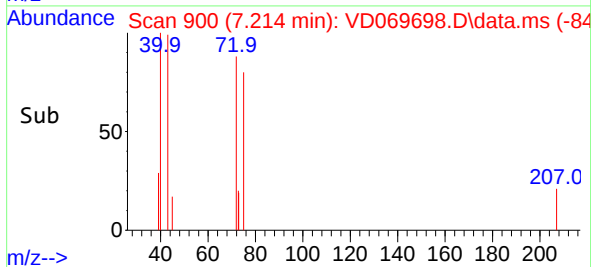
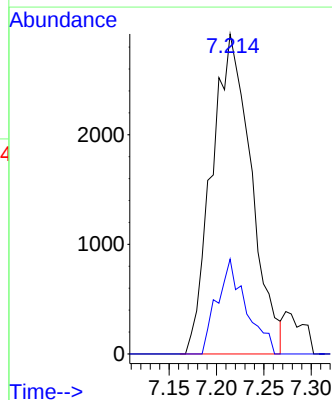
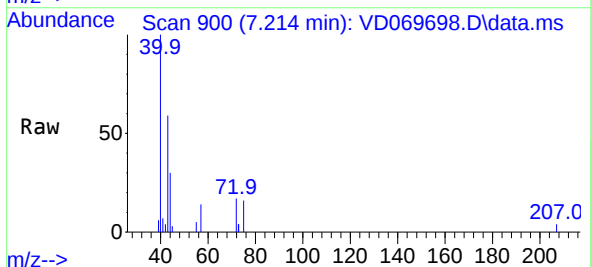
Instrument :
MSVOA_D
ClientSampled :
ABN-JG-1

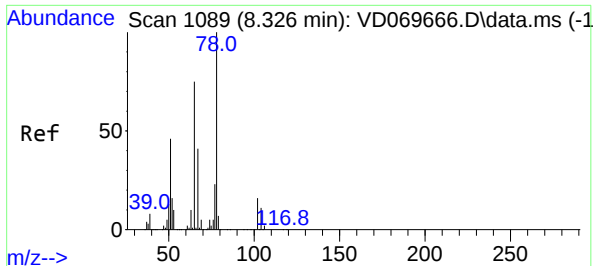
Tgt Ion: 76 Resp: 10849
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



#25
2-Butanone
Concen: 6.326 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD069698.D
Acq: 14 Jul 2021 20:03

Tgt Ion: 43 Resp: 8451
Ion Ratio Lower Upper
43 100
72 29.7 22.6 33.8

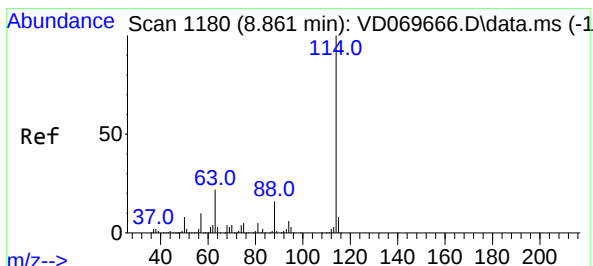
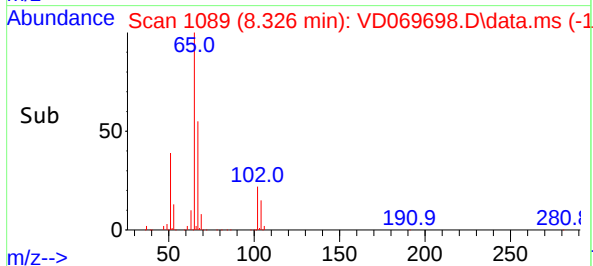
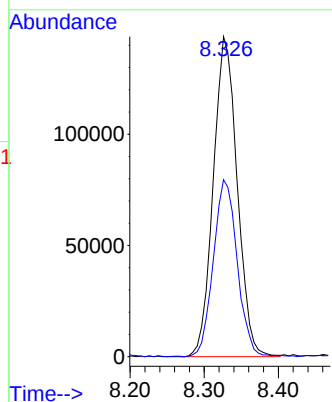
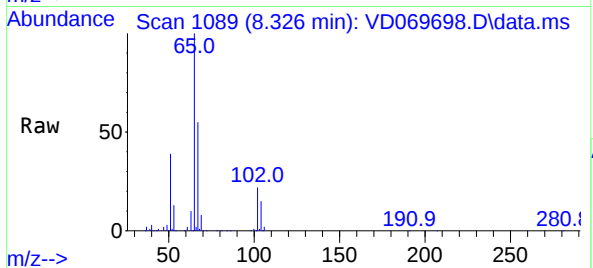




#33
1,2-Dichloroethane-d4
Concen: 57.083 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069698.D
Acq: 14 Jul 2021 20:03

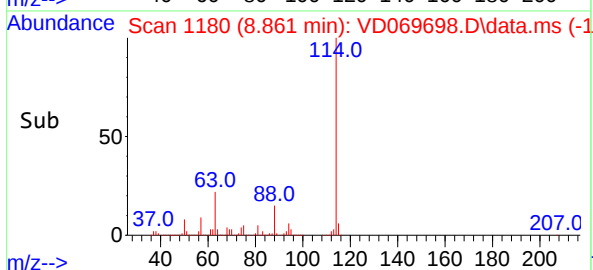
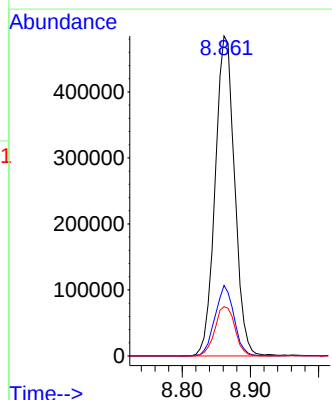
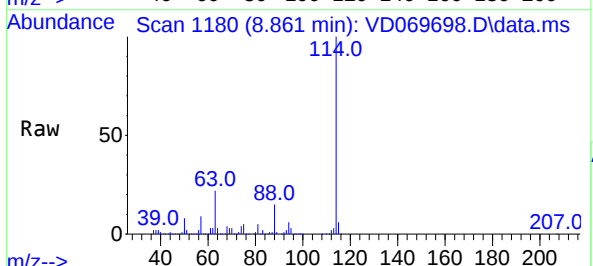
Instrument :
MSVOA_D
ClientSampleId :
ABN-JG-1

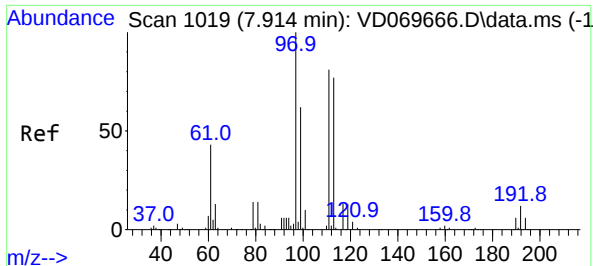
Tgt Ion: 65 Resp: 322668
Ion Ratio Lower Upper
65 100
67 55.2 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069698.D
Acq: 14 Jul 2021 20:03

Tgt Ion:114 Resp: 963016
Ion Ratio Lower Upper
114 100
63 22.1 0.0 43.4
88 15.4 0.0 32.0

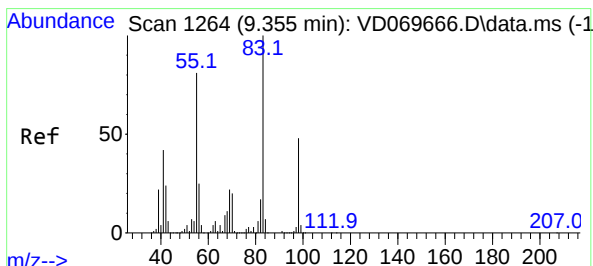
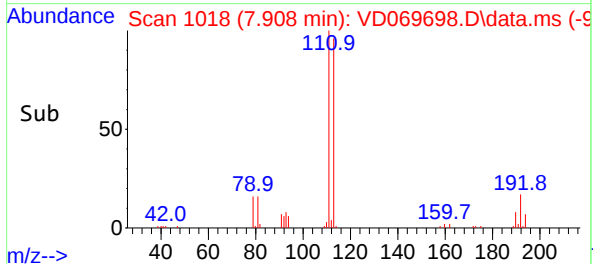
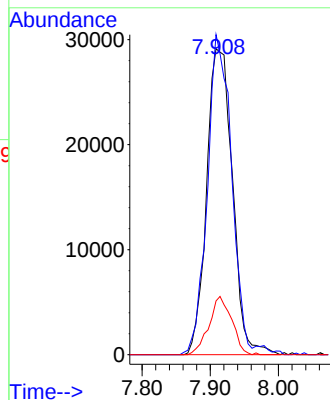
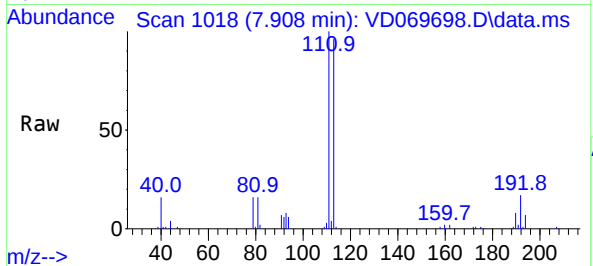




#35
Dibromofluoromethane
Concen: 11.901 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069698.D
Acq: 14 Jul 2021 20:03

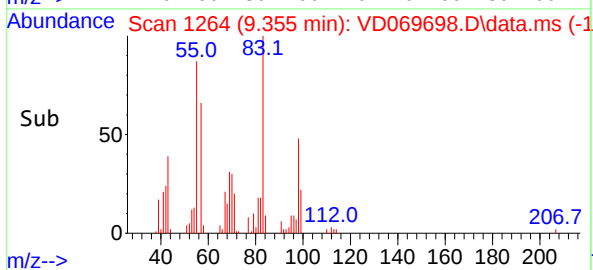
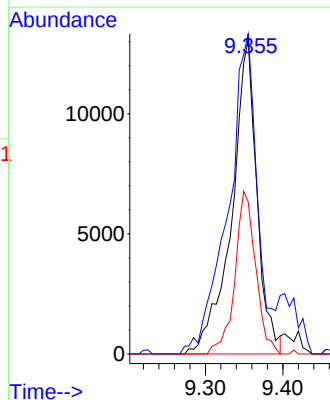
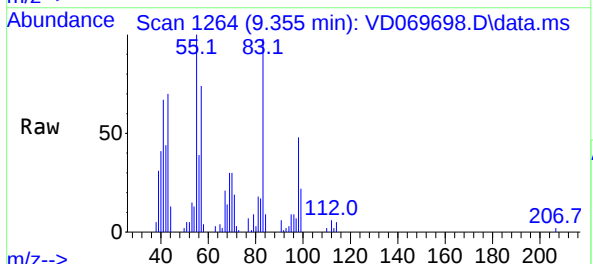
Instrument :
MSVOA_D
ClientSampleId :
ABN-JG-1

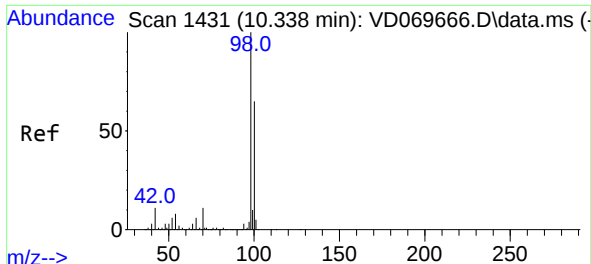
Tgt Ion:113 Resp: 76891
Ion Ratio Lower Upper
113 100
111 97.6 82.6 123.8
192 16.7 12.7 19.1



#39
Methylcyclohexane
Concen: 4.361 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD069698.D
Acq: 14 Jul 2021 20:03

Tgt Ion: 83 Resp: 29671
Ion Ratio Lower Upper
83 100
55 101.9 64.6 97.0#
98 48.4 38.4 57.6

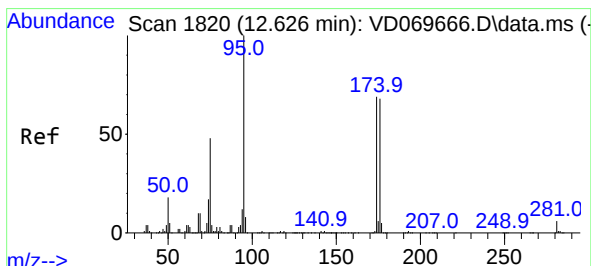
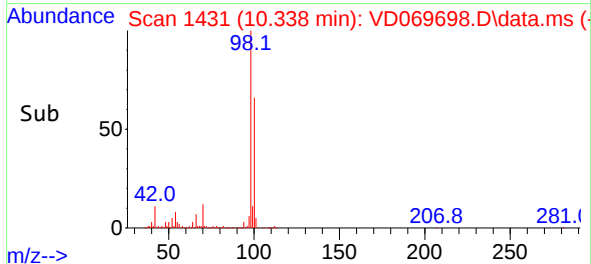
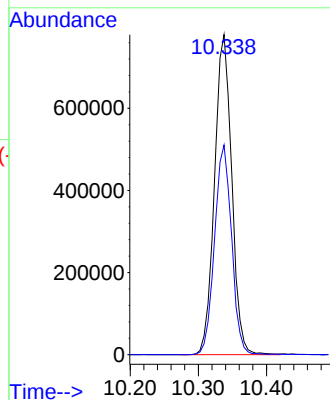
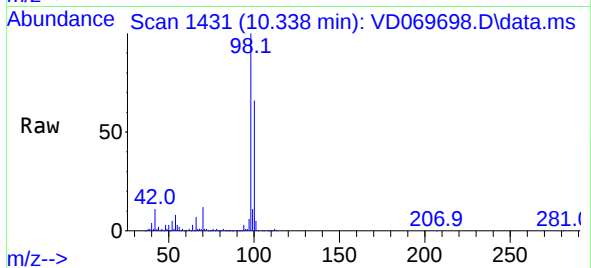




#50
Toluene-d8
Concen: 54.603 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069698.D
Acq: 14 Jul 2021 20:03

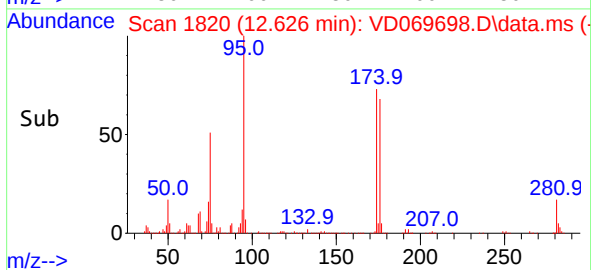
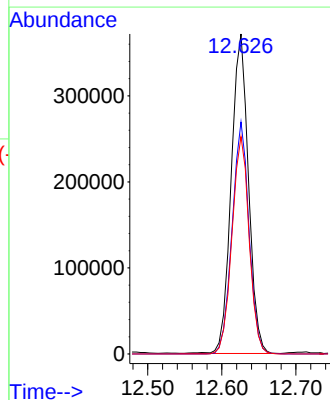
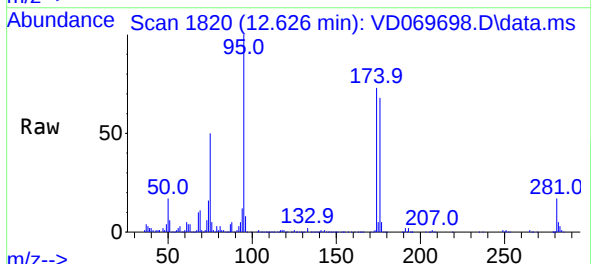
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ABN-JG-1

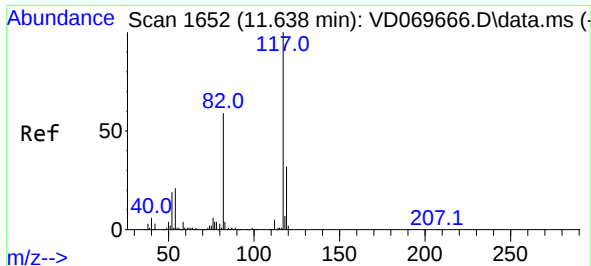
Tgt Ion: 98 Resp: 1370519
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 71.582 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069698.D
Acq: 14 Jul 2021 20:03

Tgt Ion: 95 Resp: 599217
Ion Ratio Lower Upper
95 100
174 71.2 0.0 140.0
176 67.6 0.0 136.2

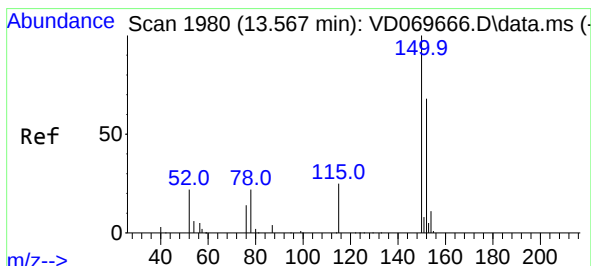
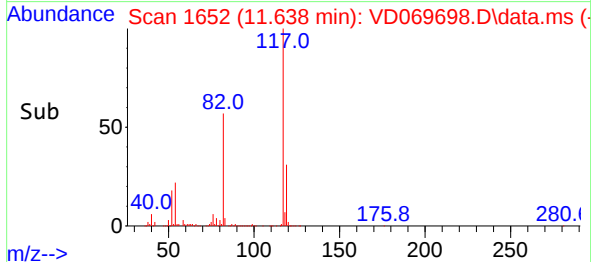
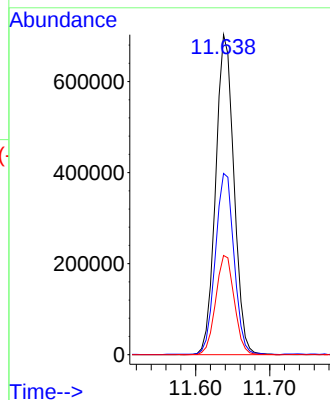
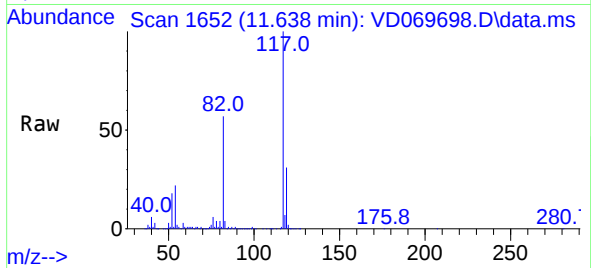




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069698.D
Acq: 14 Jul 2021 20:03

Instrument :
MSVOA_D
ClientSampleId :
ABN-JG-1

Tgt Ion:117 Resp: 1201940
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.2
119 31.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069698.D
Acq: 14 Jul 2021 20:03

Tgt Ion:152 Resp: 546738
Ion Ratio Lower Upper
152 100
115 62.9 31.7 95.1
150 157.9 0.0 350.4

