

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
 Data File : VD069921.D
 Acq On : 29 Jul 2021 19:50
 Operator : VA/SY
 Sample : M3234-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-072921

Quant Time: Jul 30 00:58:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

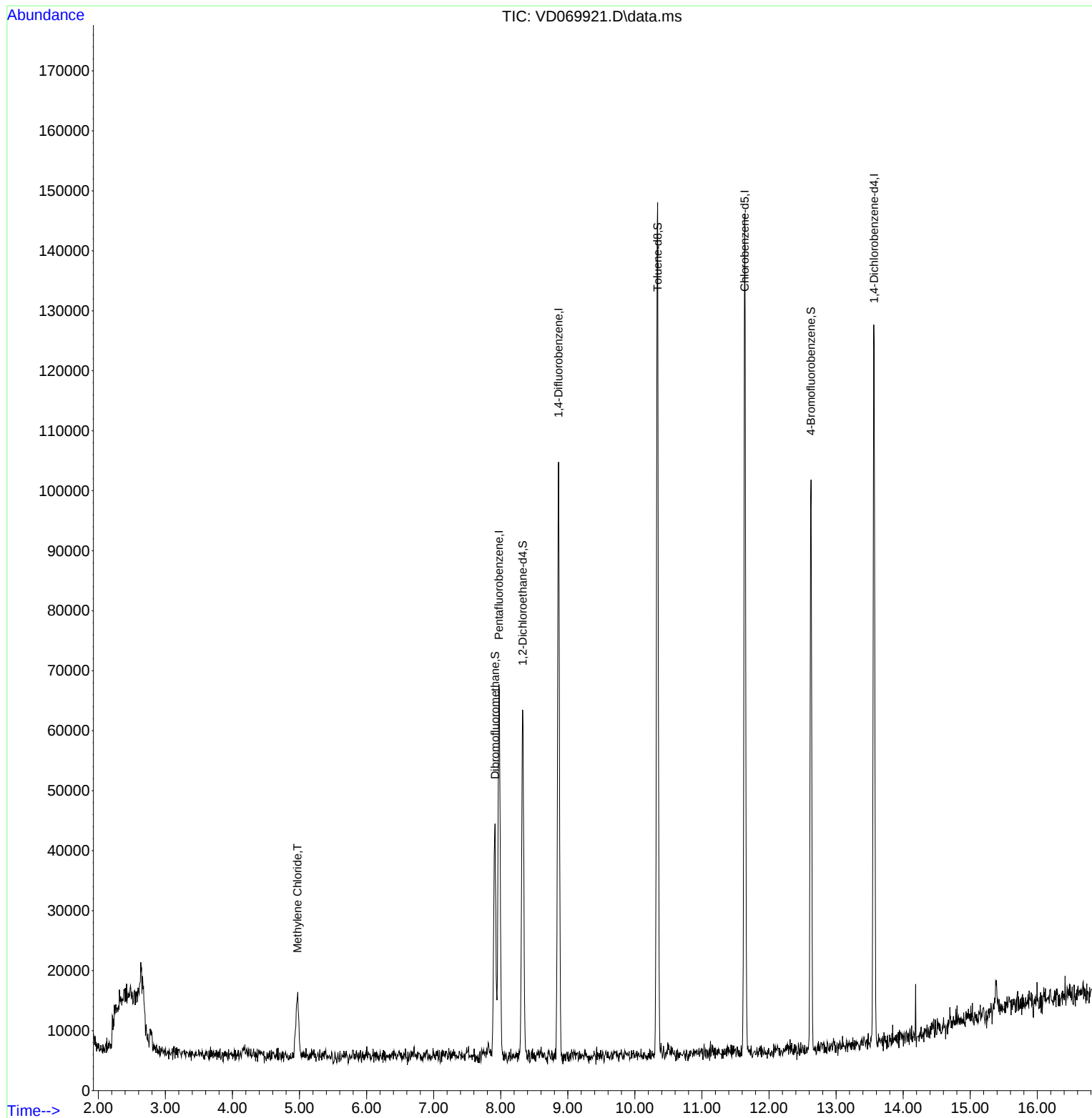
Internal Standards						
1) Pentafluorobenzene	7.973	168	45550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	81631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	83475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	32219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	46372	88.519	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	177.040%#	
35) Dibromofluoromethane	7.914	113	29180	56.704	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	113.400%	
50) Toluene-d8	10.338	98	99649	50.219	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	100.440%	
62) 4-Bromofluorobenzene	12.626	95	32658	49.247	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	98.500%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.968	84	8511	6.981	ug/l #	79

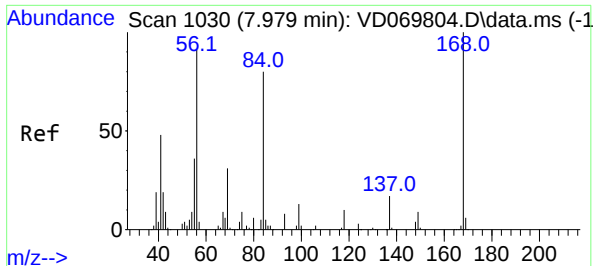
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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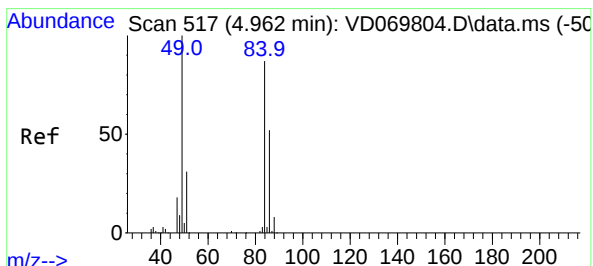
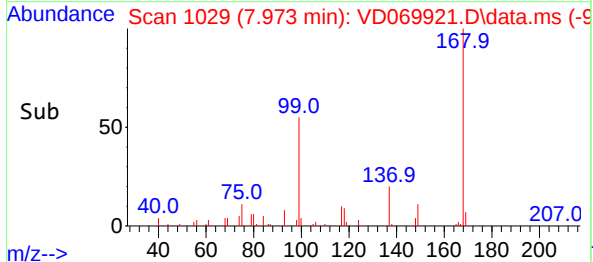
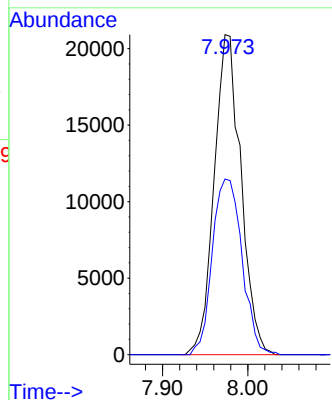
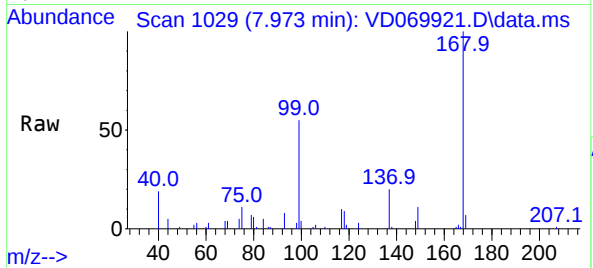




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069921.D
Acq: 29 Jul 2021 19:50

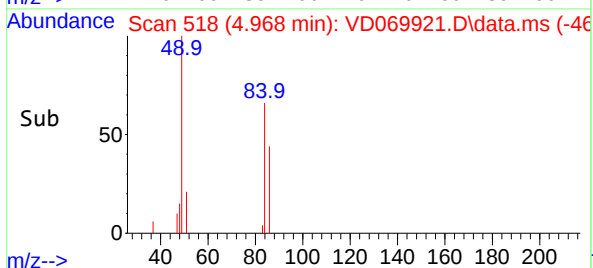
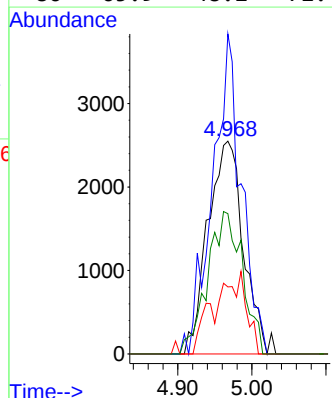
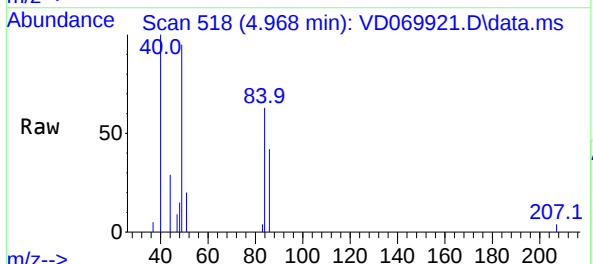
Instrument :
MSVOA_D
ClientSampleId :
OR-03-072921

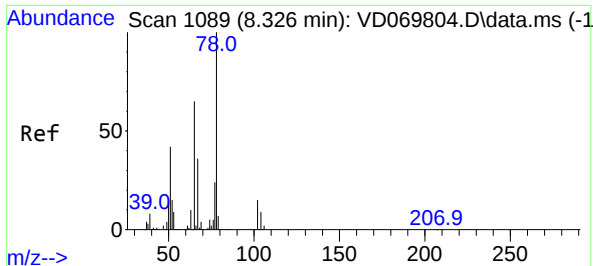
Tgt Ion:168 Resp: 45550
Ion Ratio Lower Upper
168 100
99 54.9 51.1 76.7



#20
Methylene Chloride
Concen: 6.981 ug/l
RT: 4.968 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD069921.D
Acq: 29 Jul 2021 19:50

Tgt Ion: 84 Resp: 8511
Ion Ratio Lower Upper
84 100
49 150.4 92.4 138.6#
51 31.5 28.5 42.7
86 65.9 48.2 72.4

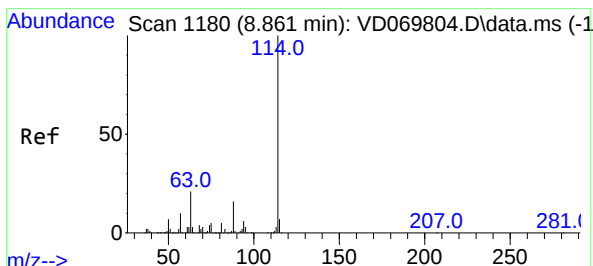
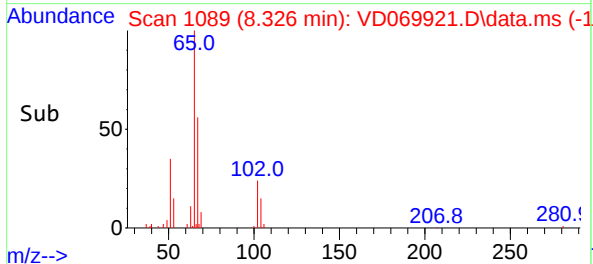
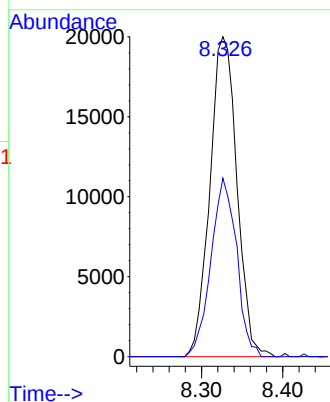
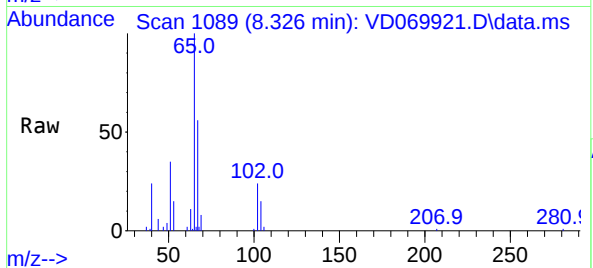




#33
1,2-Dichloroethane-d4
Concen: 88.519 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069921.D
Acq: 29 Jul 2021 19:50

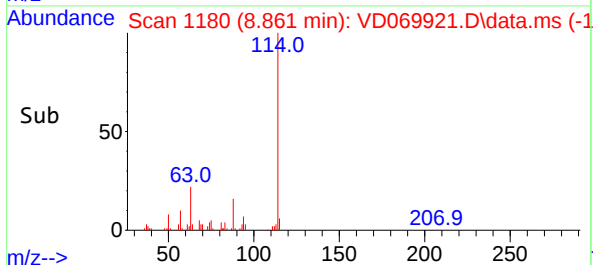
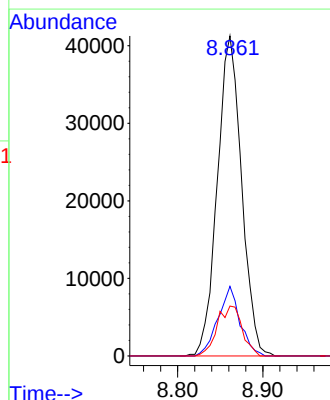
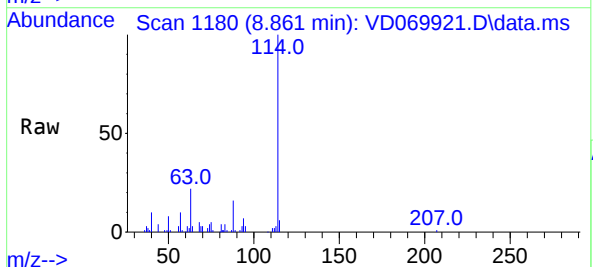
Instrument :
MSVOA_D
ClientSampleId :
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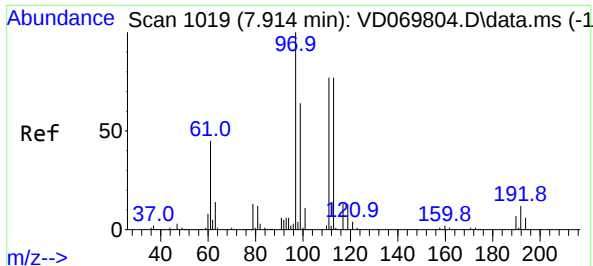
Tgt Ion: 65 Resp: 46372
Ion Ratio Lower Upper
65 100
67 52.8 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069921.D
Acq: 29 Jul 2021 19:50

Tgt Ion: 114 Resp: 81631
Ion Ratio Lower Upper
114 100
63 21.7 0.0 41.6
88 15.6 0.0 31.4

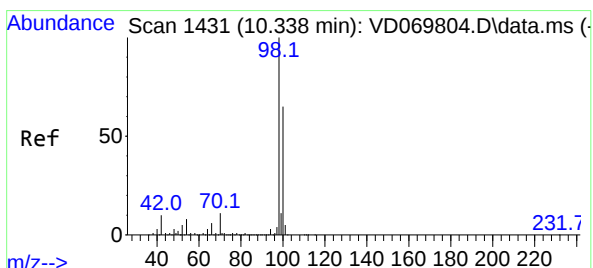
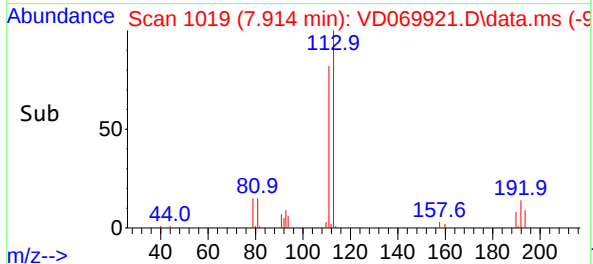
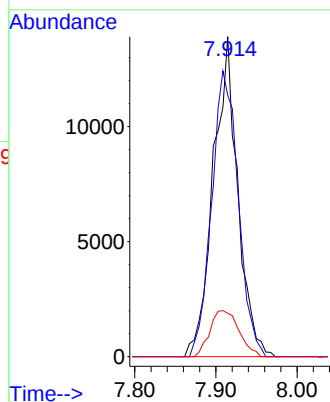
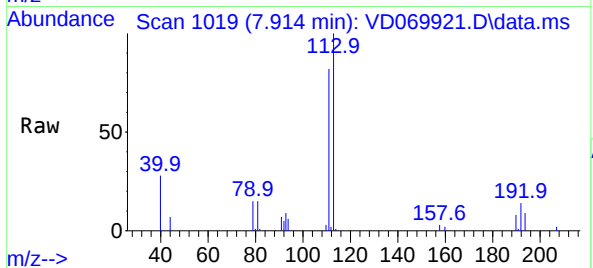




#35
Dibromofluoromethane
Concen: 56.704 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069921.D
Acq: 29 Jul 2021 19:50

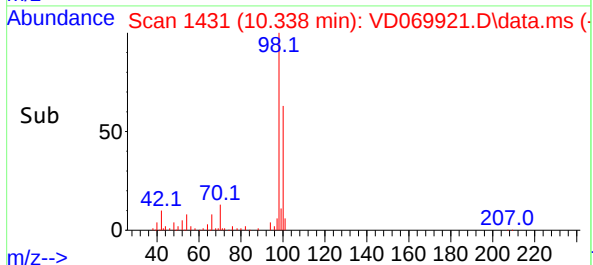
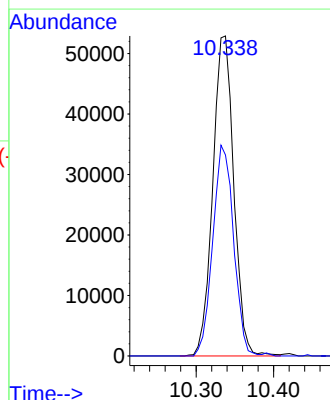
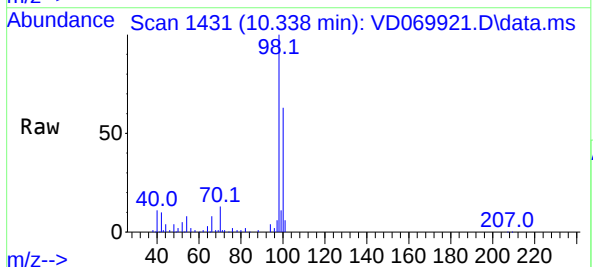
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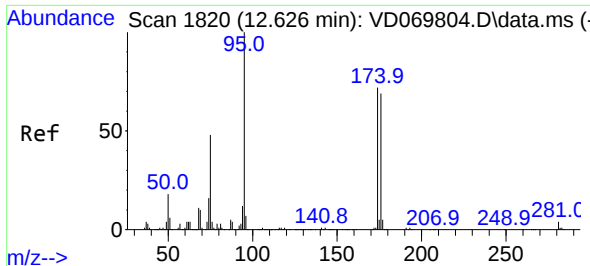
Tgt Ion:113 Resp: 29180
Ion Ratio Lower Upper
113 100
111 96.9 80.5 120.7
192 17.1 12.6 19.0



#50
Toluene-d8
Concen: 50.219 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069921.D
Acq: 29 Jul 2021 19:50

Tgt Ion: 98 Resp: 99649
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

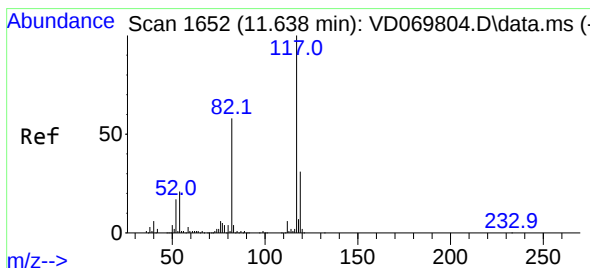
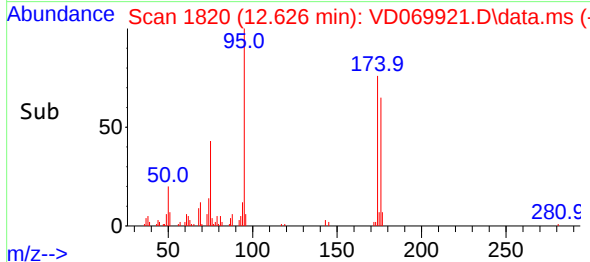
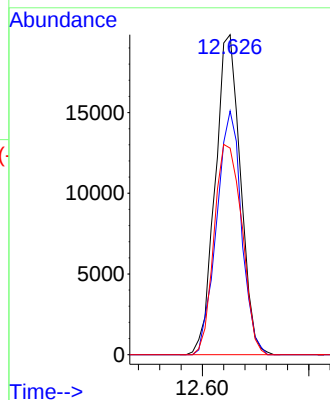
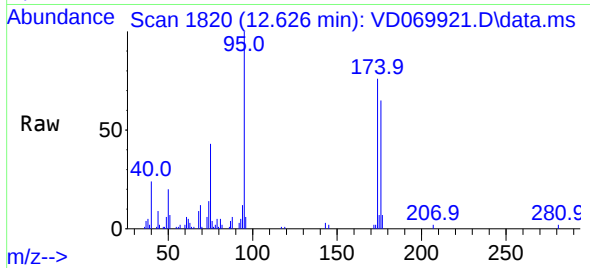




#62
4-Bromofluorobenzene
Concen: 49.247 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069921.D
Acq: 29 Jul 2021 19:50

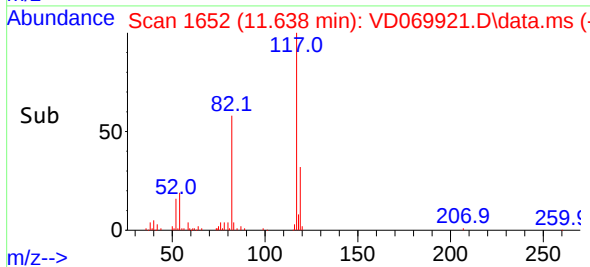
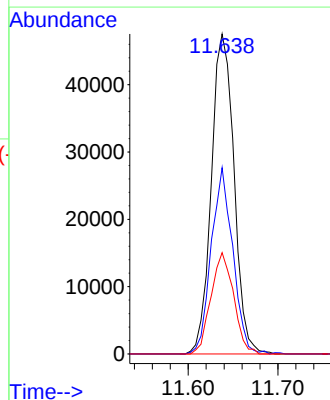
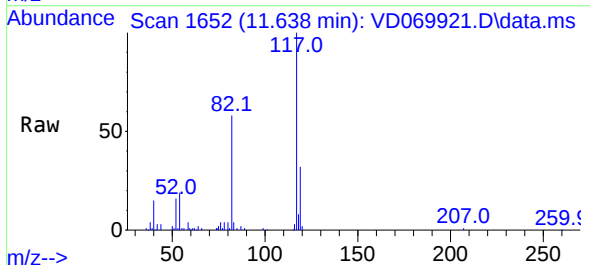
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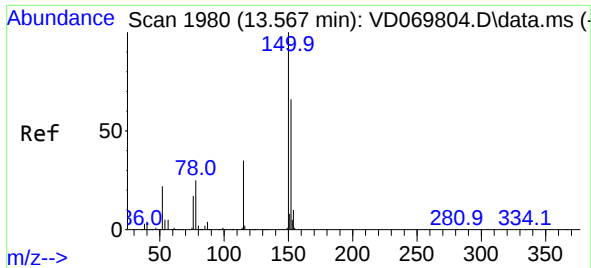
Tgt Ion:	95	Resp:	32658
Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	142.6
176	72.1	0.0	134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069921.D
Acq: 29 Jul 2021 19:50

Tgt Ion:	117	Resp:	83475
Ion	Ratio	Lower	Upper
117	100		
82	58.2	46.3	69.5
119	31.6	24.7	37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD069921.D
 Acq: 29 Jul 2021 19:50

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Tgt Ion:	152	Resp:	32219
Ion	Ratio	Lower	Upper
152	100		
115	64.0	31.1	93.3
150	163.6	0.0	343.0

