

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072721\
 Data File : VD069862.D
 Acq On : 27 Jul 2021 13:06
 Operator : VA/SY
 Sample : VD0727SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBL01

Quant Time: Jul 28 03:57:20 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)

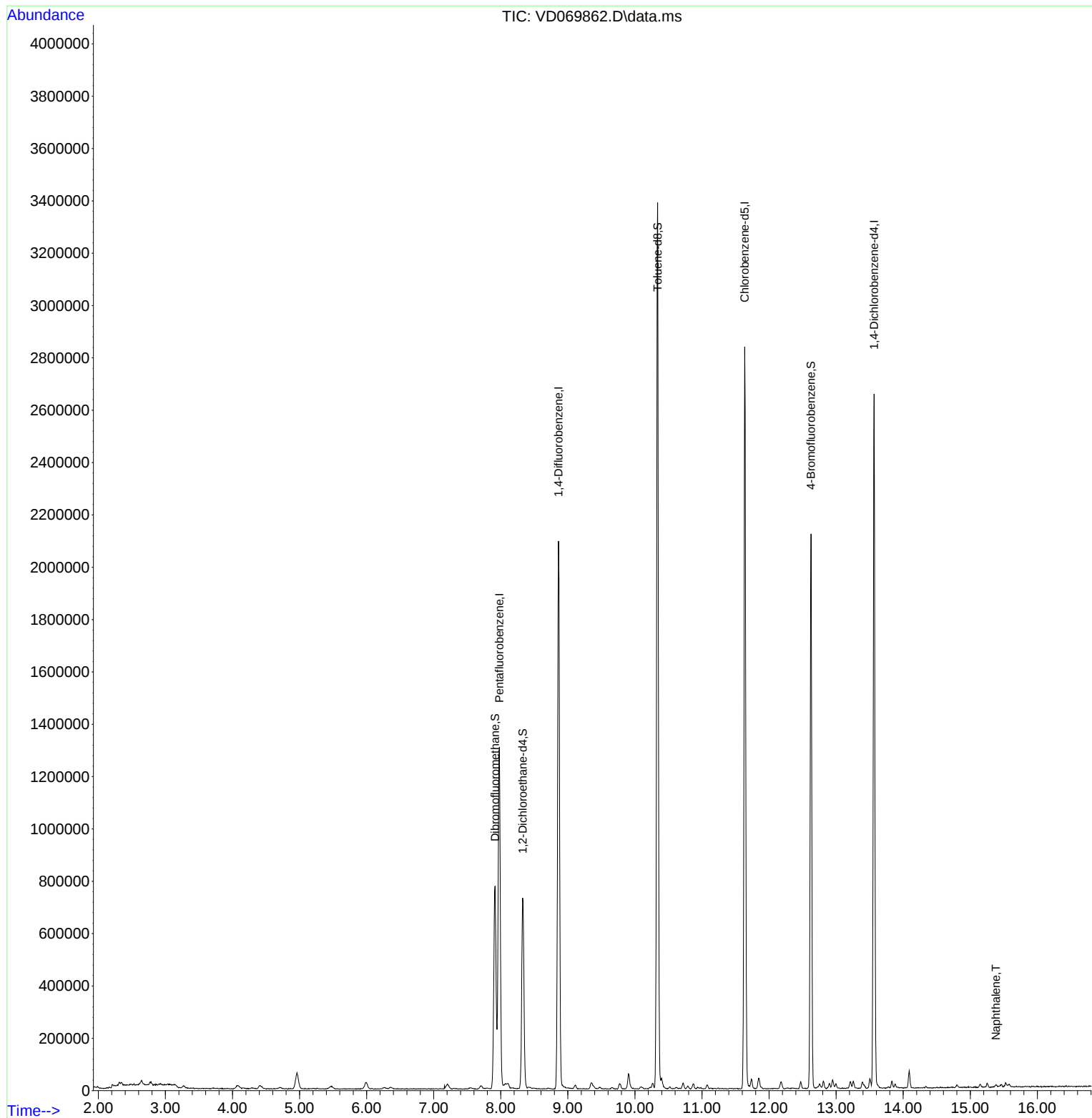
Internal Standards						
1) Pentafluorobenzene	7.979	168	918205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1819848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1632551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	683059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	588786	55.755	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.520%
35) Dibromofluoromethane	7.914	113	577334	50.324	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.640%
50) Toluene-d8	10.338	98	2320900	52.466	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.940%
62) 4-Bromofluorobenzene	12.626	95	724241	48.988	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.980%
Target Compounds						Qvalue
95) Naphthalene	15.384	128	7827	5.314	ug/l	99

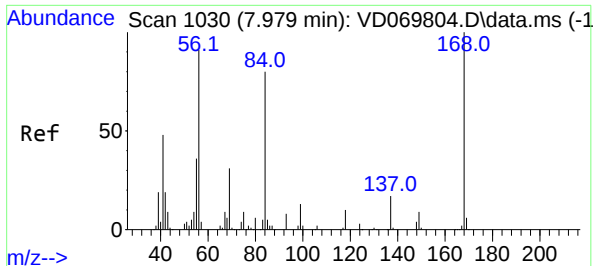
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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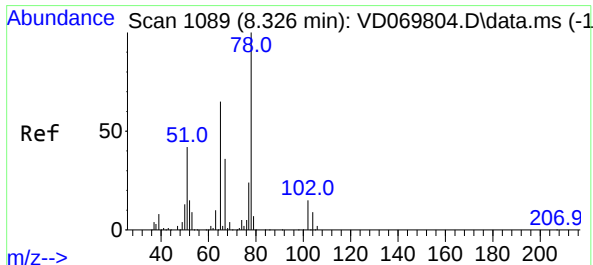
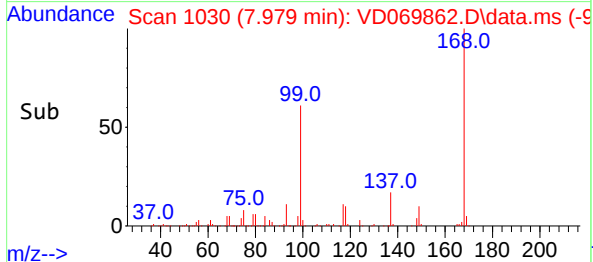
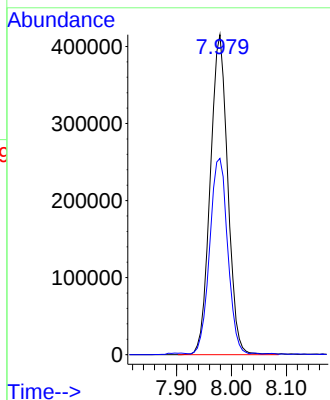
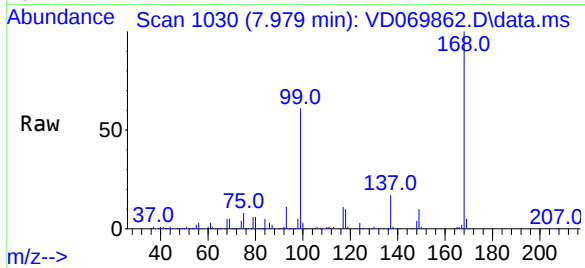




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069862.D
Acq: 27 Jul 2021 13:06

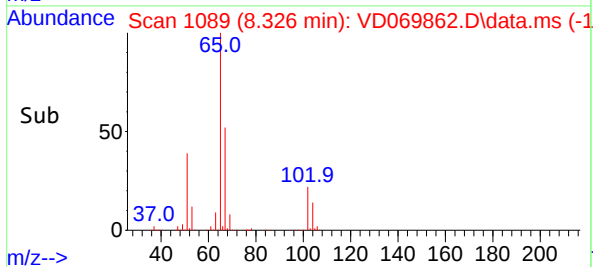
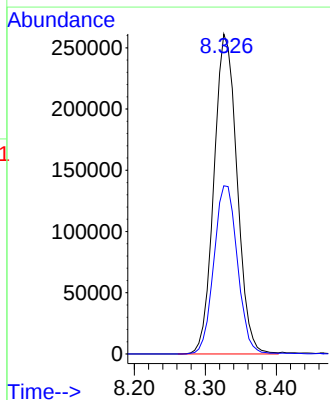
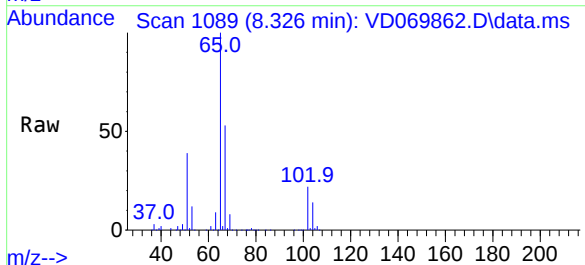
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBL01

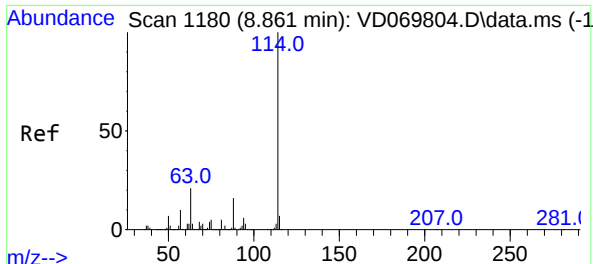
Tgt Ion:168 Resp: 918205
Ion Ratio Lower Upper
168 100
99 61.2 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 55.755 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069862.D
Acq: 27 Jul 2021 13:06

Tgt Ion: 65 Resp: 588786
Ion Ratio Lower Upper
65 100
67 53.8 0.0 111.2

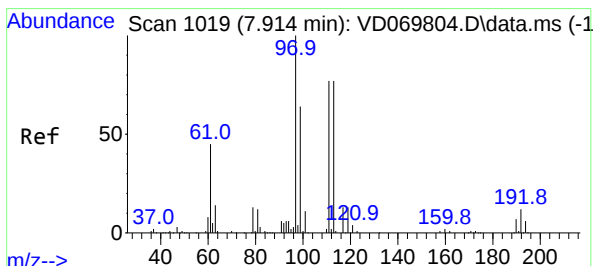
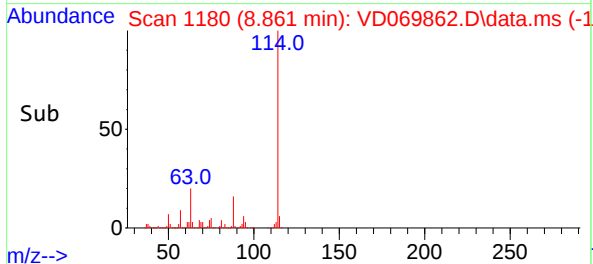
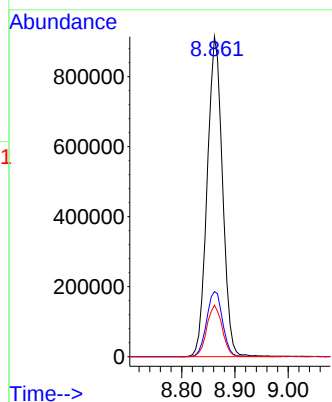
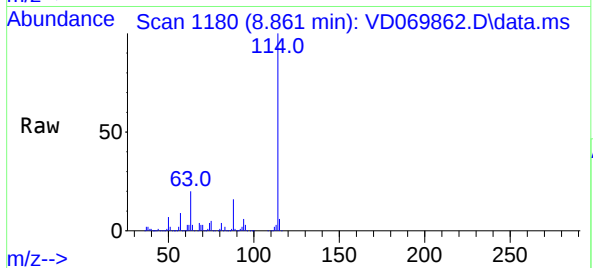




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069862.D
Acq: 27 Jul 2021 13:06

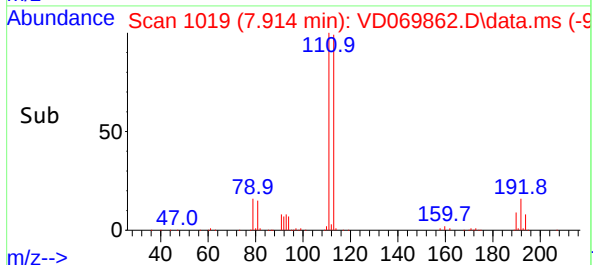
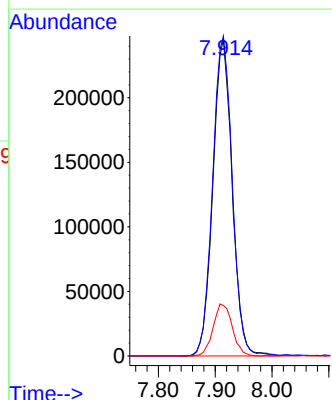
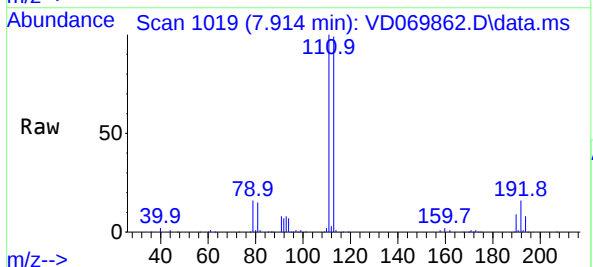
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBL01

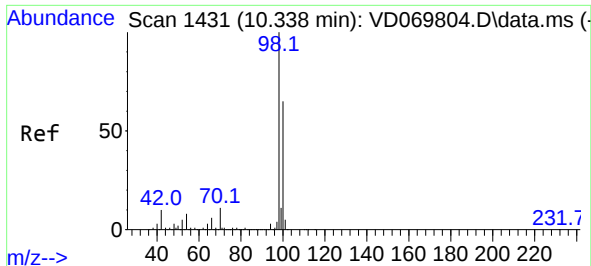
Tgt Ion:114 Resp: 1819848
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.6
88 16.1 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.324 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069862.D
Acq: 27 Jul 2021 13:06

Tgt Ion:113 Resp: 577334
Ion Ratio Lower Upper
113 100
111 102.9 80.5 120.7
192 16.3 12.6 19.0

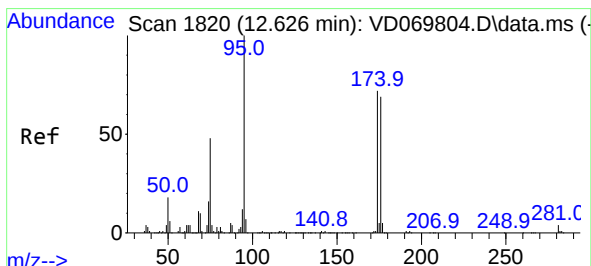
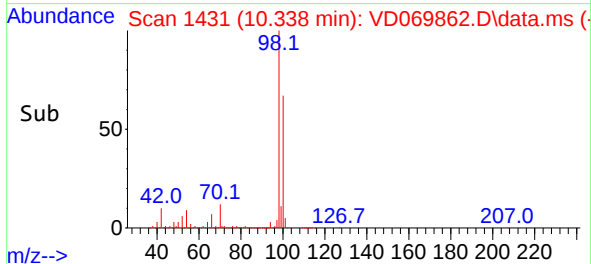
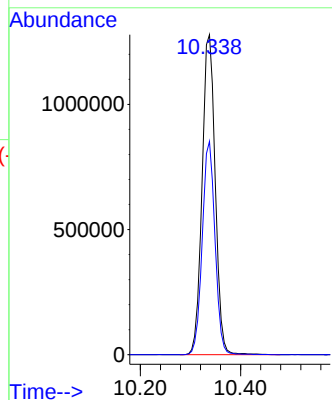
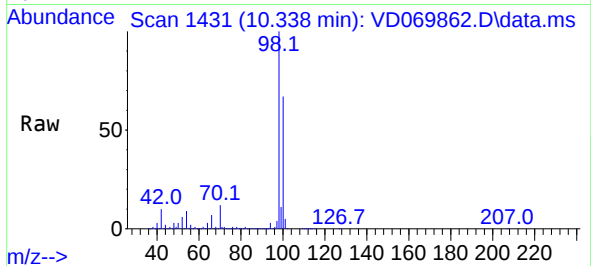




#50
Toluene-d8
Concen: 52.466 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069862.D
Acq: 27 Jul 2021 13:06

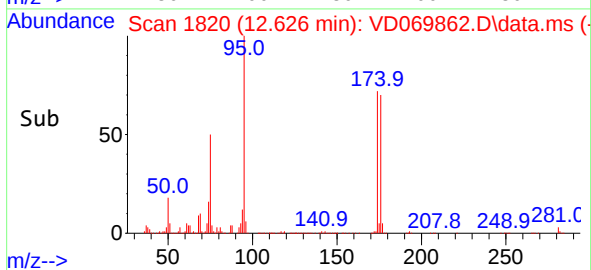
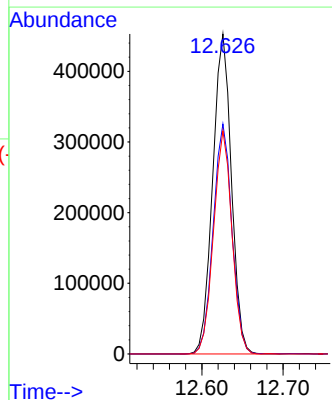
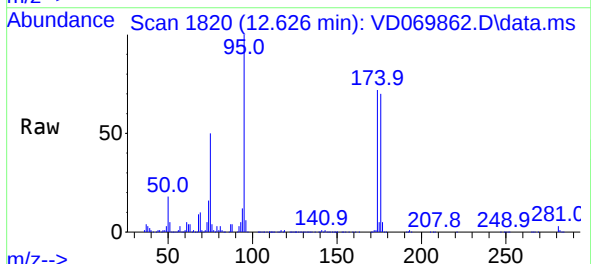
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBL01

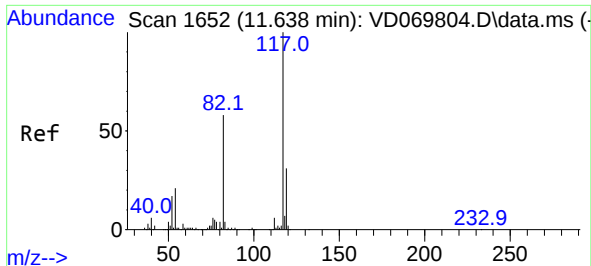
Tgt Ion: 98 Resp: 2320900
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 48.988 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069862.D
Acq: 27 Jul 2021 13:06

Tgt Ion: 95 Resp: 724241
Ion Ratio Lower Upper
95 100
174 72.2 0.0 142.6
176 68.6 0.0 134.2

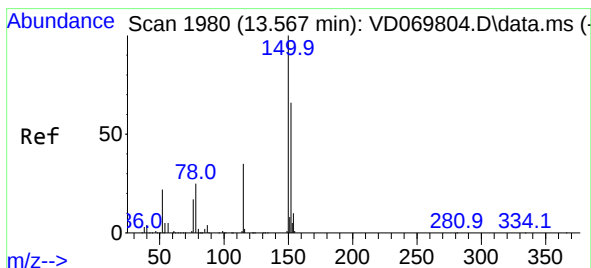
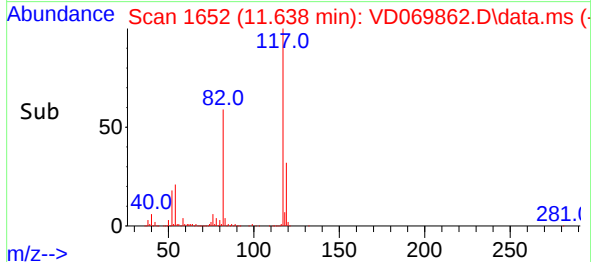
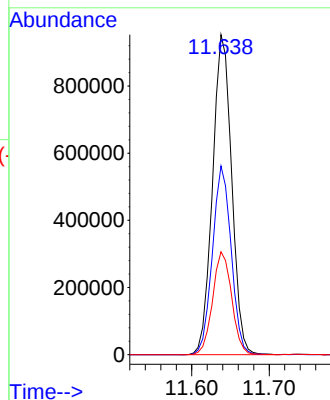
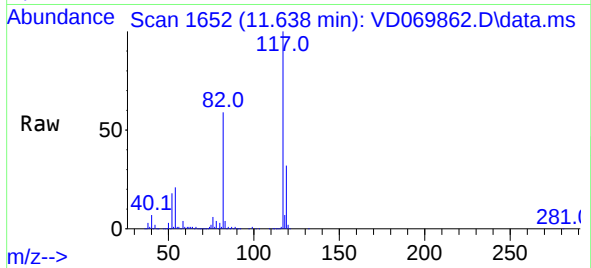




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069862.D
Acq: 27 Jul 2021 13:06

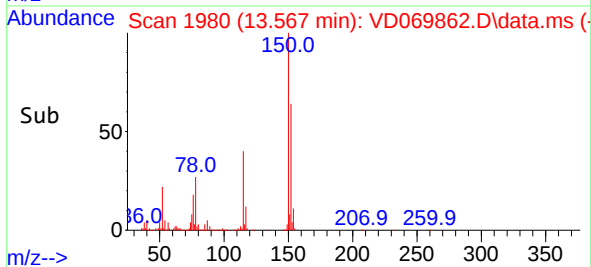
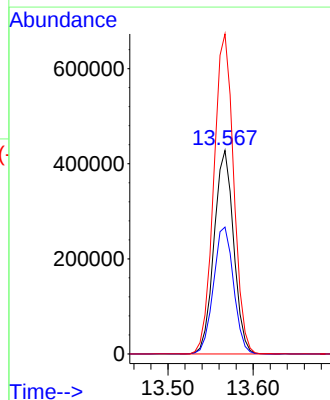
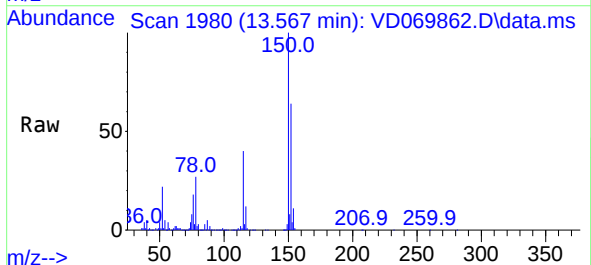
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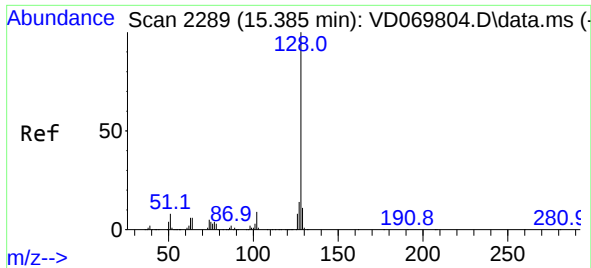
Tgt Ion:117 Resp: 1632551
Ion Ratio Lower Upper
117 100
82 58.9 46.3 69.5
119 32.2 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069862.D
Acq: 27 Jul 2021 13:06

Tgt Ion:152 Resp: 683059
Ion Ratio Lower Upper
152 100
115 64.0 31.1 93.3
150 159.7 0.0 343.0





#95
Naphthalene
Concen: 5.314 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD069862.D
Acq: 27 Jul 2021 13:06

Instrument :
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ClientSampleId :
VD0727SBL01

Tgt Ion:	128	Resp:	7827
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	11.4	8.6	12.8

