

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081121\
 Data File : VD070032.D
 Acq On : 11 Aug 2021 19:26
 Operator : VA/SY
 Sample : M3331-06
 Misc : 6.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BSY1-SB-12-2-3

Quant Time: Aug 12 05:32:16 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	458578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	912347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	886932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	388109	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	363203	68.866	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.740%
35) Dibromofluoromethane	7.914	113	326414	56.754	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.500%
50) Toluene-d8	10.338	98	1165254	52.543	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.080%
62) 4-Bromofluorobenzene	12.626	95	383872	51.793	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.580%

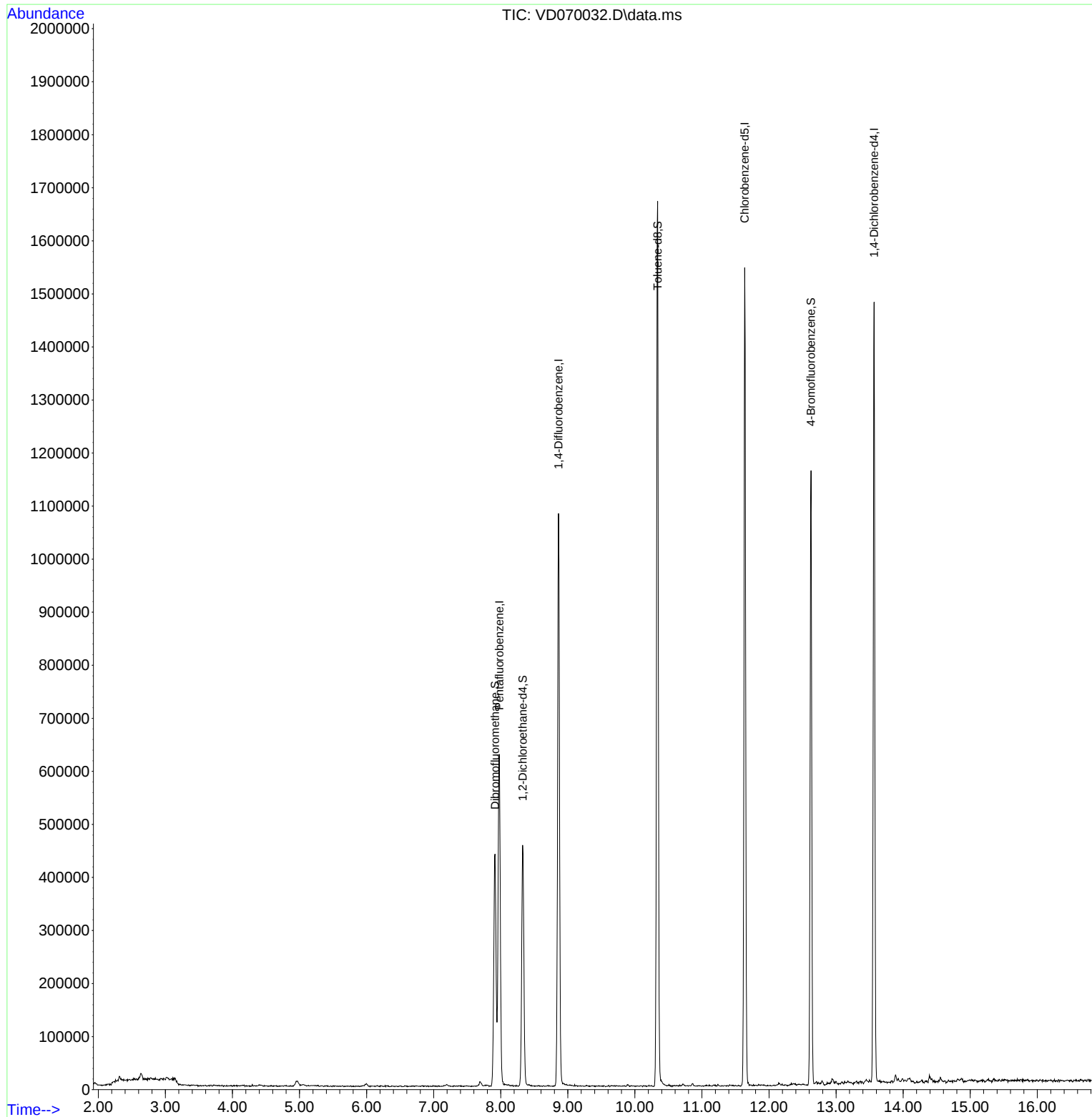
Target Compounds	Qvalue

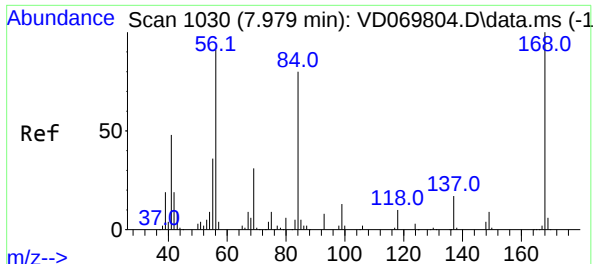
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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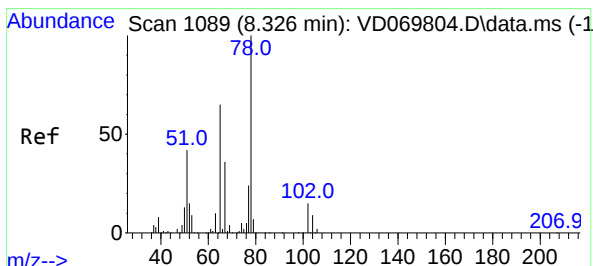
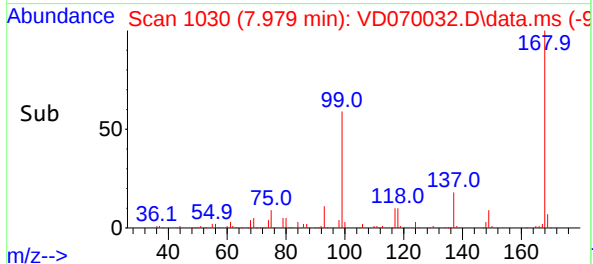
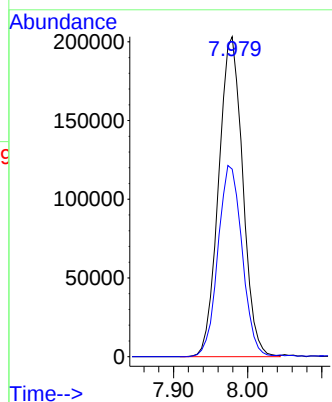
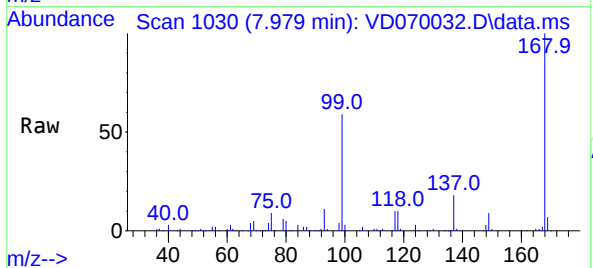




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070032.D
Acq: 11 Aug 2021 19:26

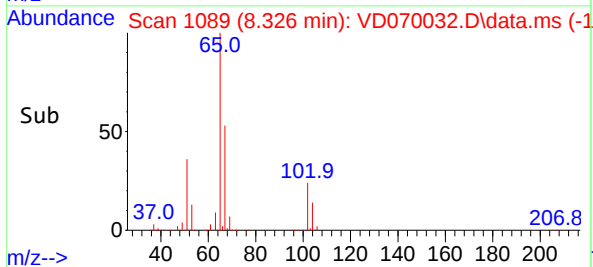
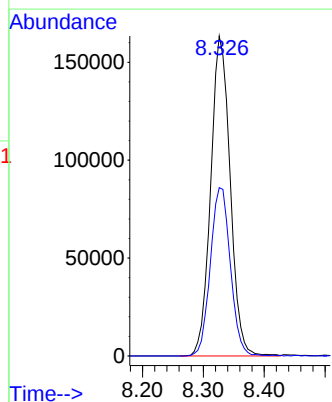
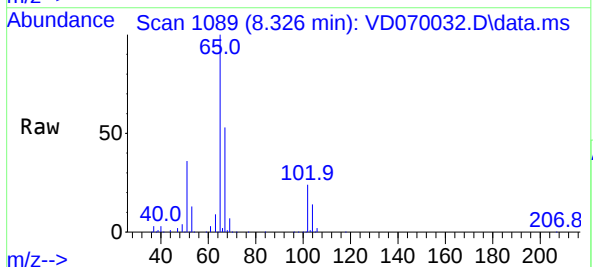
Instrument :
MSVOA_D
ClientSampleId :
BSY1-SB-12-2-3

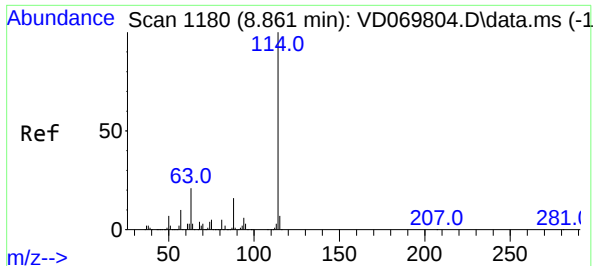
Tgt Ion:168 Resp: 458578
Ion Ratio Lower Upper
168 100
99 58.6 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 68.866 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070032.D
Acq: 11 Aug 2021 19:26

Tgt Ion: 65 Resp: 363203
Ion Ratio Lower Upper
65 100
67 53.9 0.0 111.2

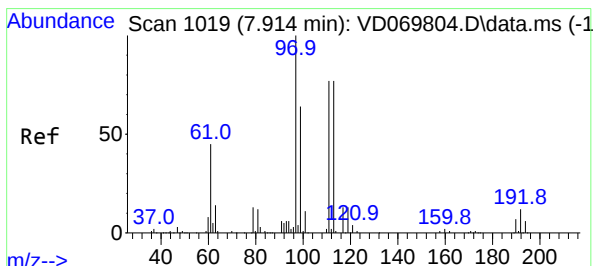
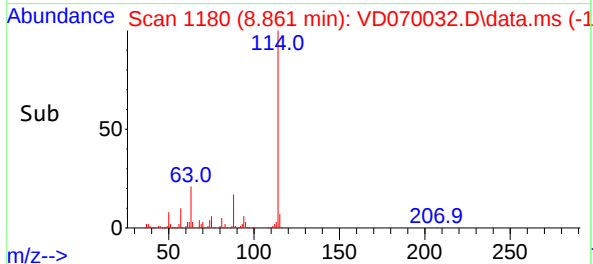
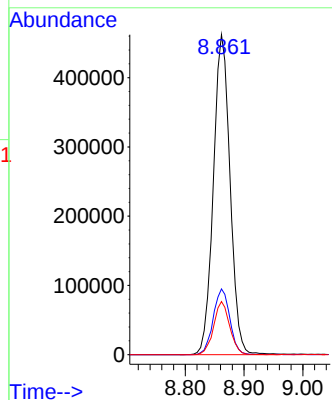
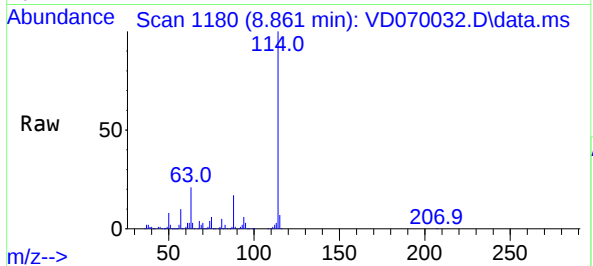




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070032.D
Acq: 11 Aug 2021 19:26

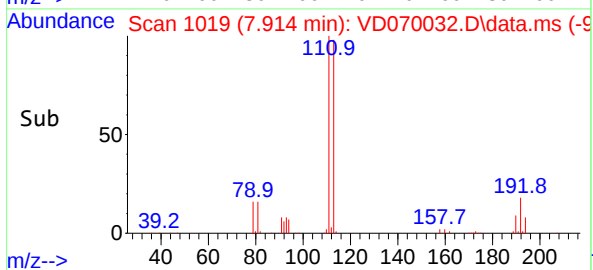
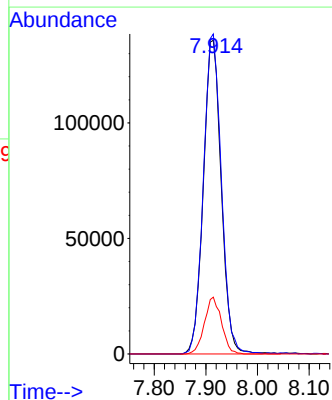
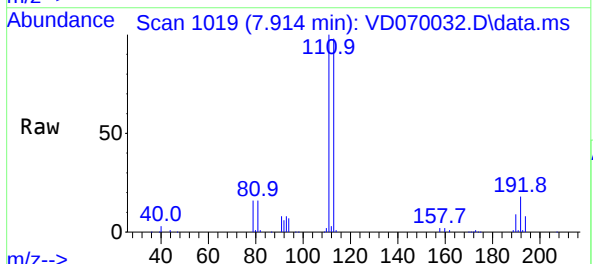
Instrument :
MSVOA_D
ClientSampleId :
BSY1-SB-12-2-3

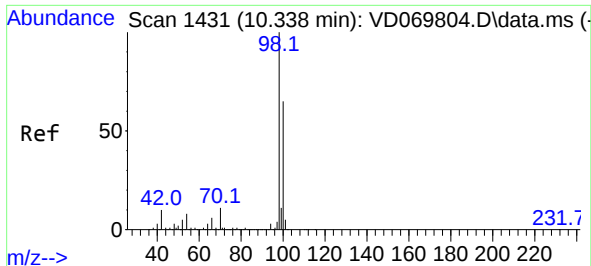
Tgt Ion:	114	Resp:	912347
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	41.6
88	16.6	0.0	31.4



#35
Dibromofluoromethane
Concen: 56.754 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070032.D
Acq: 11 Aug 2021 19:26

Tgt Ion:	113	Resp:	326414
Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.5	120.7
192	17.2	12.6	19.0

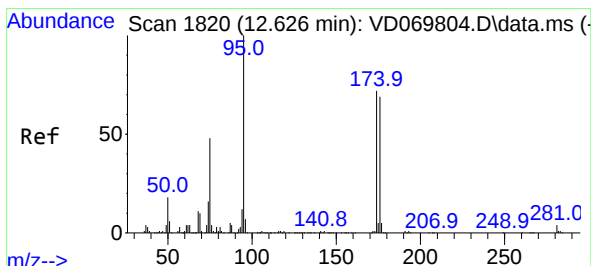
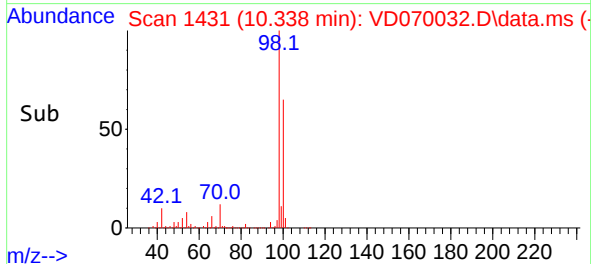
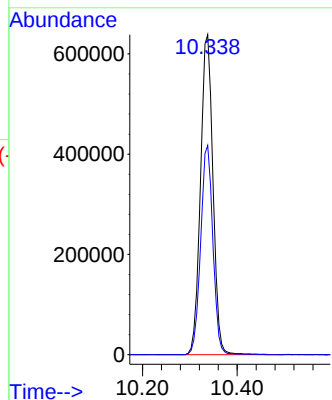
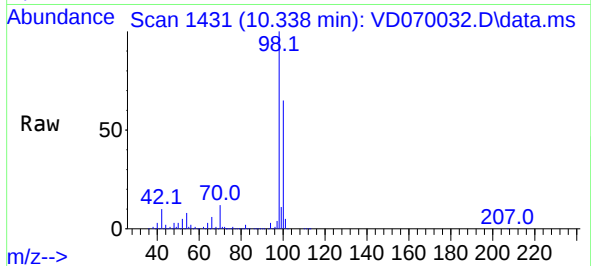




#50
Toluene-d8
Concen: 52.543 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070032.D
Acq: 11 Aug 2021 19:26

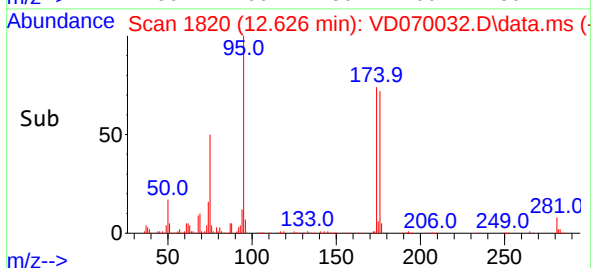
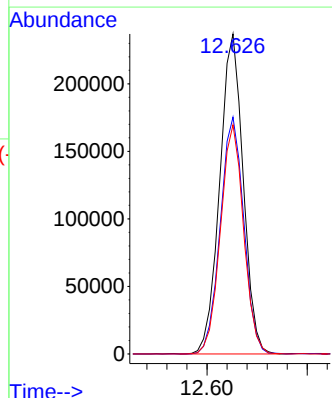
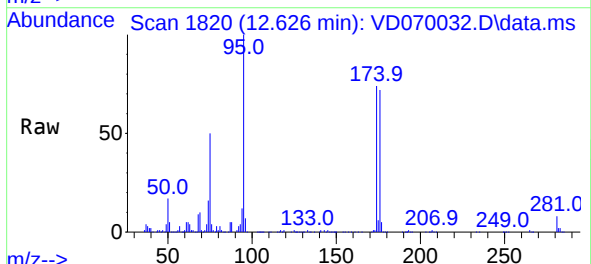
Instrument :
MSVOA_D
ClientSampleId :
BSY1-SB-12-2-3

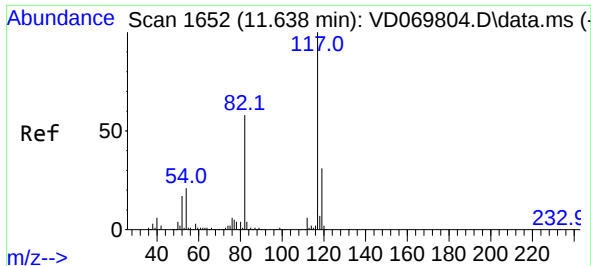
Tgt Ion: 98 Resp: 1165254
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.793 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070032.D
Acq: 11 Aug 2021 19:26

Tgt Ion: 95 Resp: 383872
Ion Ratio Lower Upper
95 100
174 74.3 0.0 142.6
176 70.5 0.0 134.2

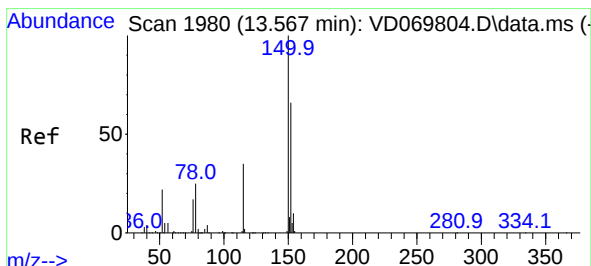
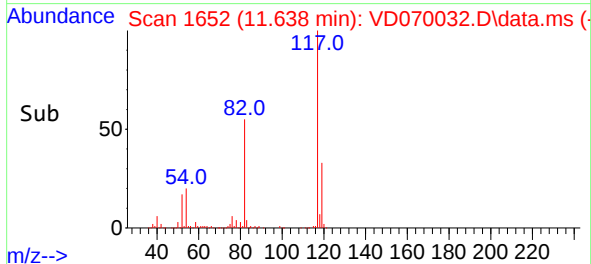
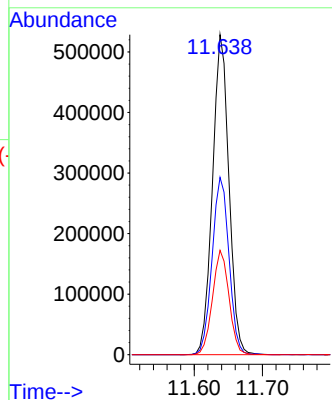
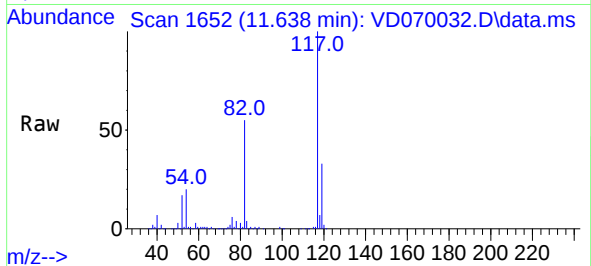




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070032.D
Acq: 11 Aug 2021 19:26

Instrument :
MSVOA_D
ClientSampleId :
BSY1-SB-12-2-3

Tgt Ion:117 Resp: 886932
Ion Ratio Lower Upper
117 100
82 55.4 46.3 69.5
119 32.6 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: VD070032.D
Acq: 11 Aug 2021 19:26

Tgt Ion:152 Resp: 388109
Ion Ratio Lower Upper
152 100
115 60.8 31.1 93.3
150 158.4 0.0 343.0

