

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070169.D
 Acq On : 19 Aug 2021 15:49
 Operator : VA/SY
 Sample : M3466-01
 Misc : 5.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-081821

Quant Time: Aug 20 05:47:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	514877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	990767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	962569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	400997	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	316001	52.182	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.360%
35) Dibromofluoromethane	7.914	113	331000	51.711	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.420%
50) Toluene-d8	10.338	98	1296954	52.094	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.180%
62) 4-Bromofluorobenzene	12.626	95	404681	49.350	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.700%

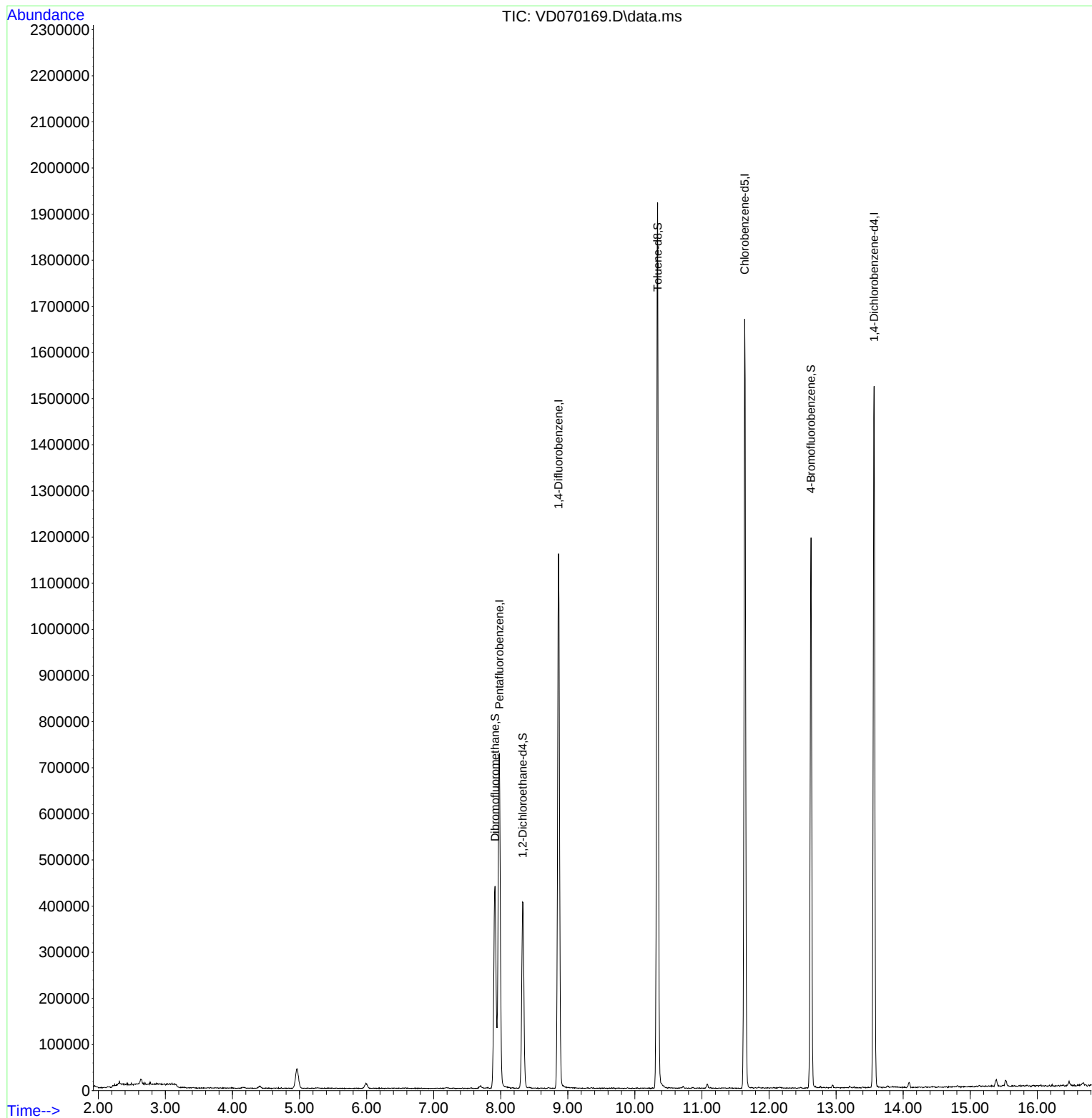
Target Compounds	Qvalue

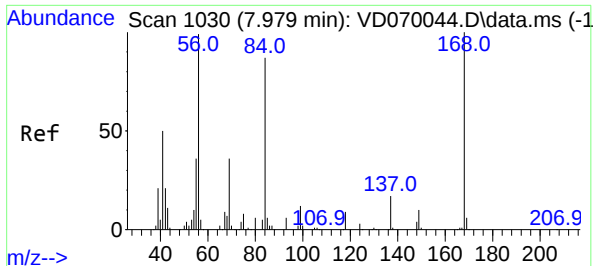
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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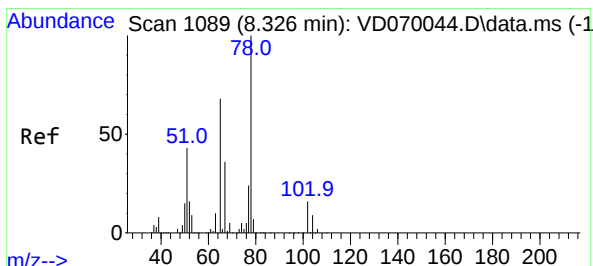
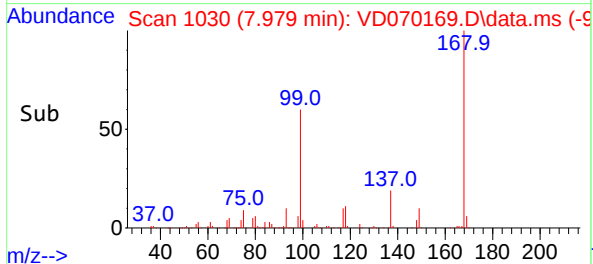
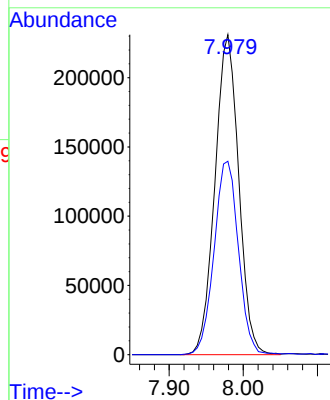
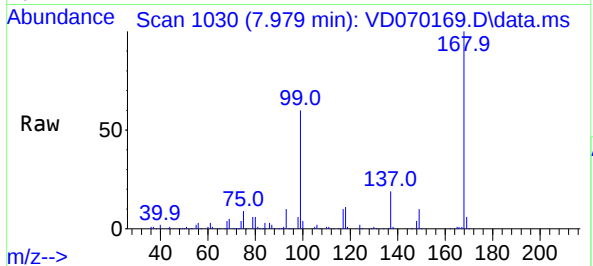




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070169.D
Acq: 19 Aug 2021 15:49

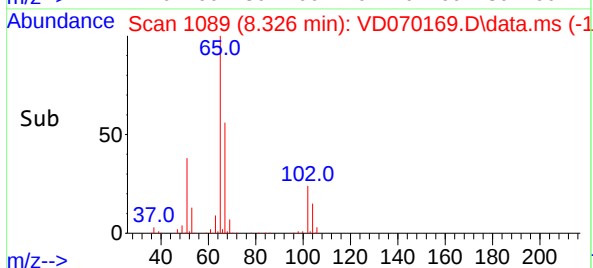
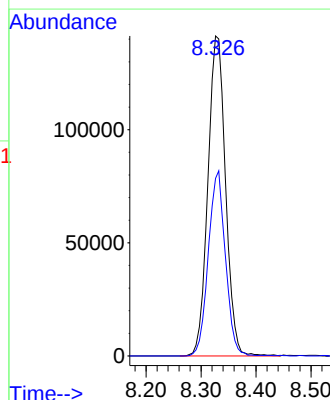
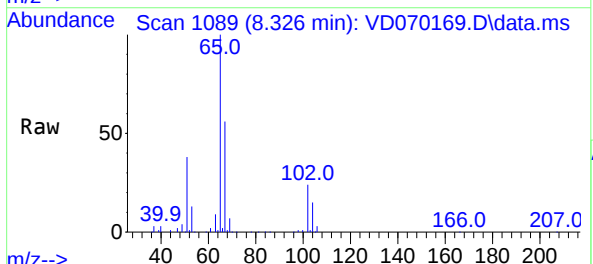
Instrument :
MSVOA_D
ClientSampleId :
OK-03-081821

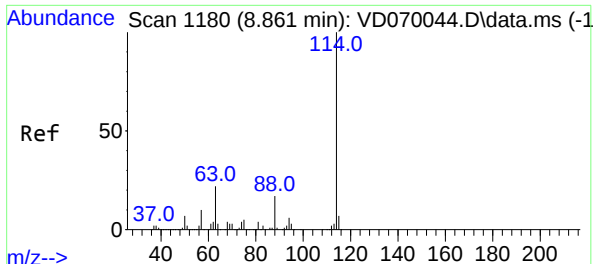
Tgt Ion:168 Resp: 514877
Ion Ratio Lower Upper
168 100
99 60.5 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 52.182 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070169.D
Acq: 19 Aug 2021 15:49

Tgt Ion: 65 Resp: 316001
Ion Ratio Lower Upper
65 100
67 55.8 0.0 107.8

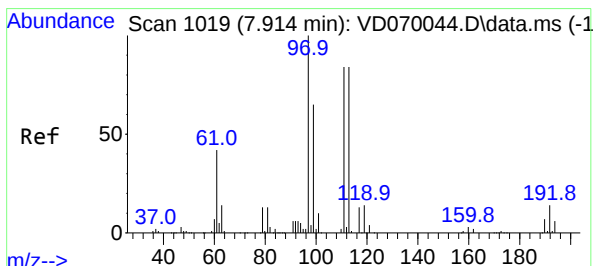
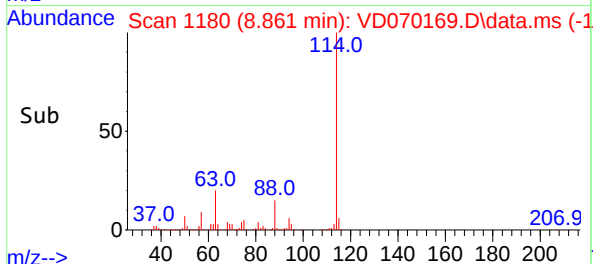
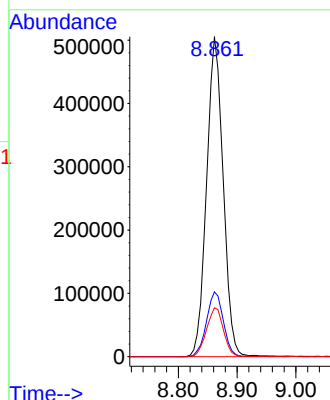
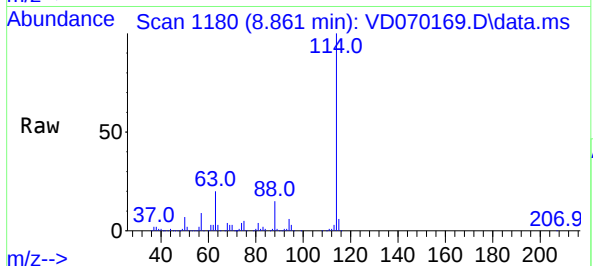




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070169.D
Acq: 19 Aug 2021 15:49

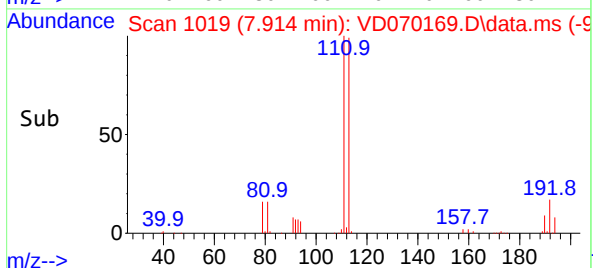
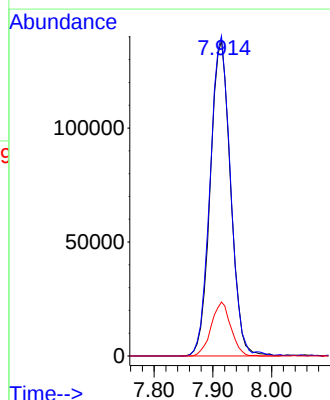
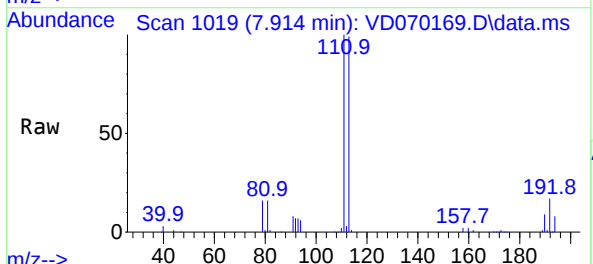
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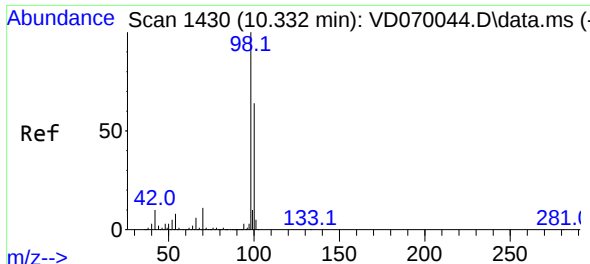
Tgt Ion:114 Resp: 990767
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.6
88 15.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 51.711 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070169.D
Acq: 19 Aug 2021 15:49

Tgt Ion:113 Resp: 331000
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.6
192 16.5 13.2 19.8

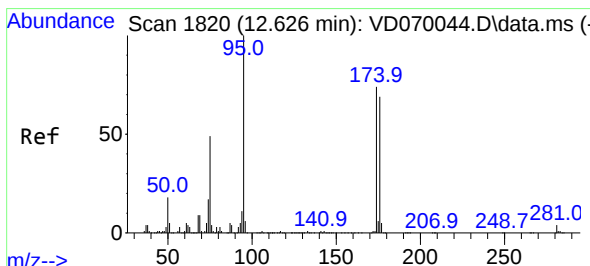
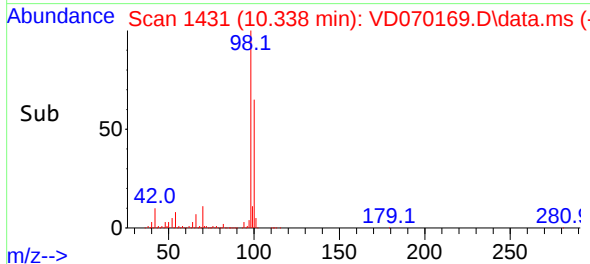
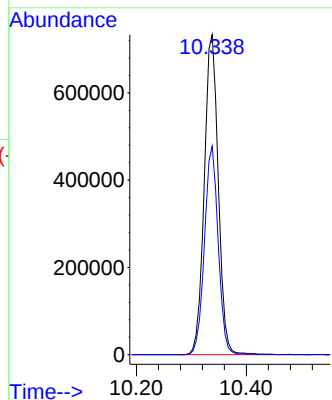
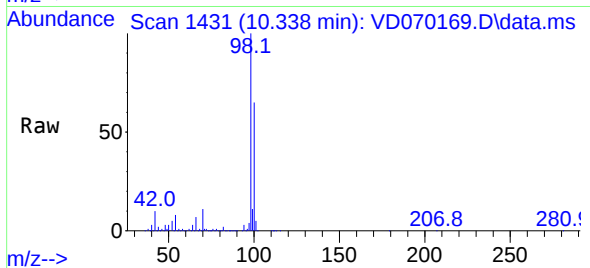




#50
Toluene-d8
Concen: 52.094 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070169.D
Acq: 19 Aug 2021 15:49

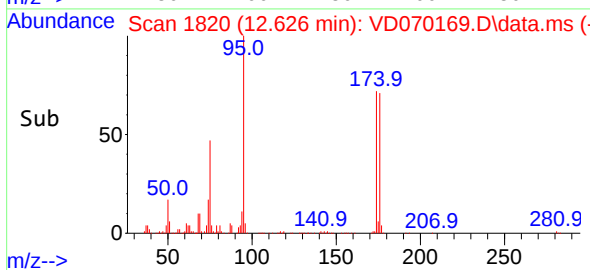
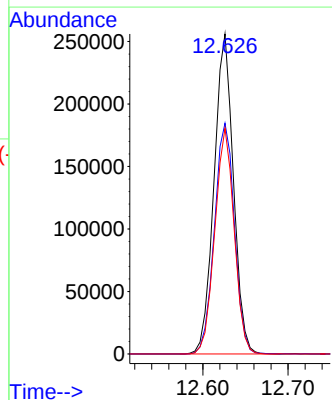
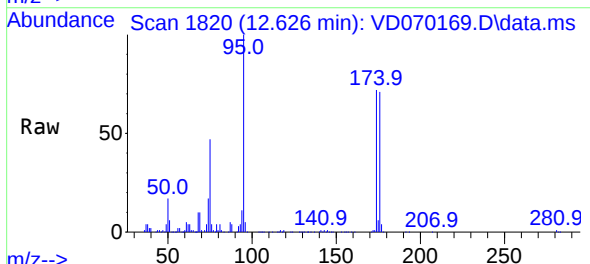
Instrument :
MSVOA_D
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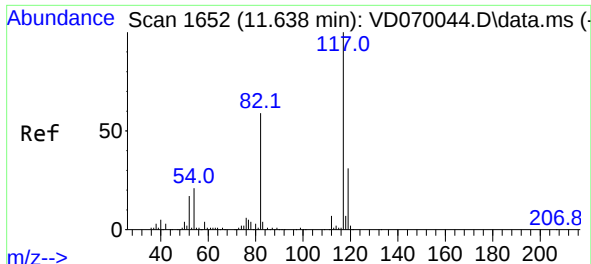
Tgt Ion: 98 Resp: 1296954
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.350 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070169.D
Acq: 19 Aug 2021 15:49

Tgt Ion: 95 Resp: 404681
Ion Ratio Lower Upper
95 100
174 74.7 0.0 141.6
176 70.3 0.0 138.2

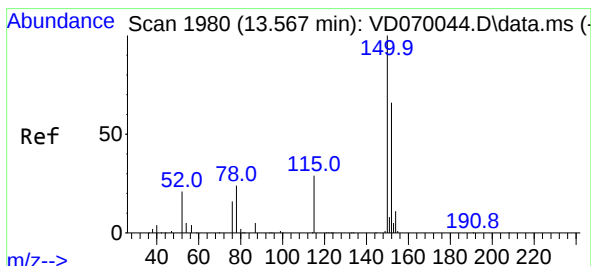
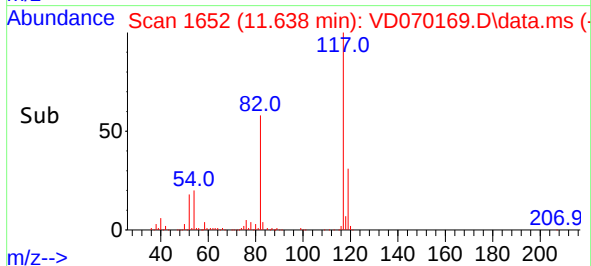
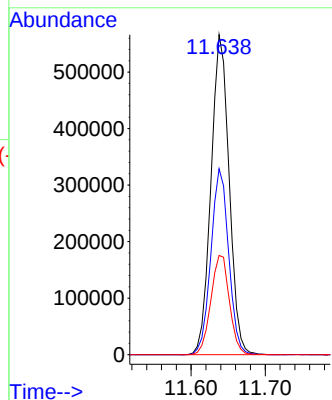
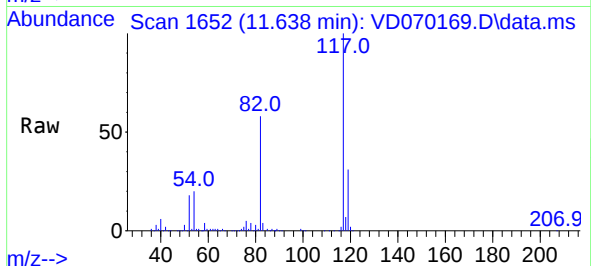




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070169.D
Acq: 19 Aug 2021 15:49

Instrument :
MSVOA_D
ClientSampleId :
OK-03-081821

Tgt Ion:117 Resp: 962569
Ion Ratio Lower Upper
117 100
82 58.1 47.5 71.3
119 31.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070169.D
Acq: 19 Aug 2021 15:49

Tgt Ion:152 Resp: 400997
Ion Ratio Lower Upper
152 100
115 61.7 31.2 93.6
150 159.0 0.0 352.0

