

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070681.D
 Acq On : 12 Oct 2021 16:04
 Operator : VA/SY
 Sample : M4172-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-3-101121

Quant Time: Oct 13 06:37:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	294932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	579619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	535179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	196049	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	180105	51.89	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.78%
35) Dibromofluoromethane	7.914	113	196681	51.04	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.08%
50) Toluene-d8	10.338	98	733207	49.77	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.54%
62) 4-Bromofluorobenzene	12.626	95	213012	43.26	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.52%

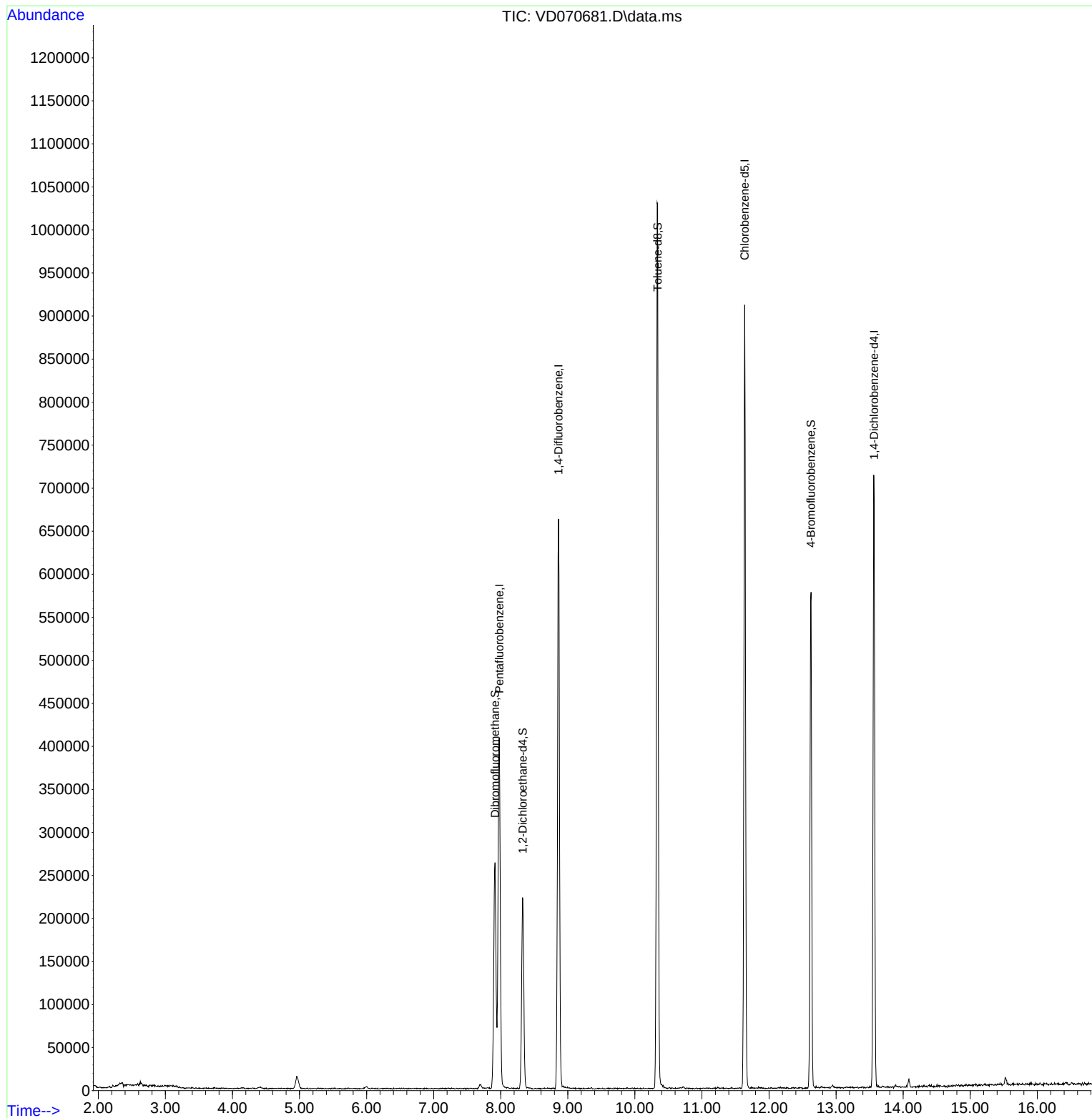
Target Compounds	Qvalue

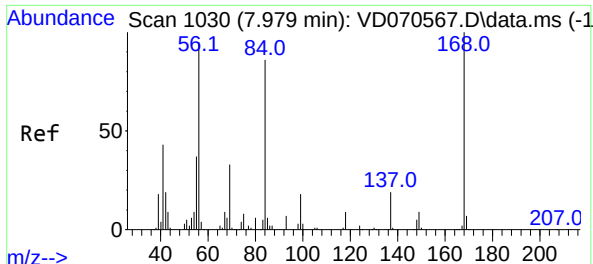
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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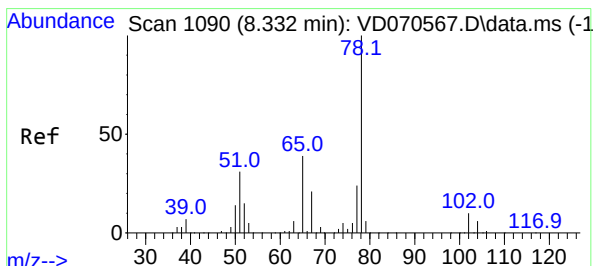
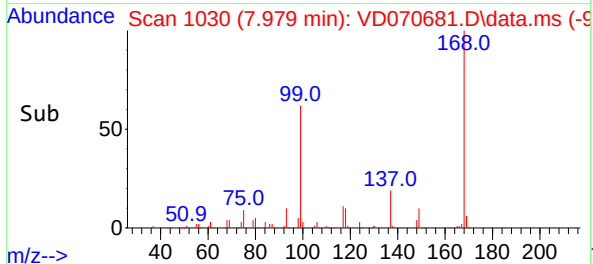
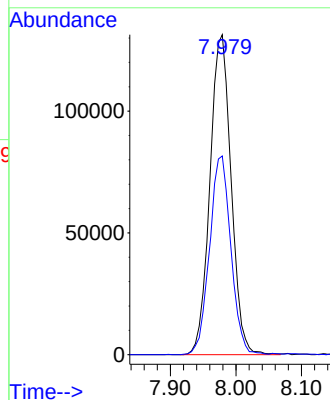
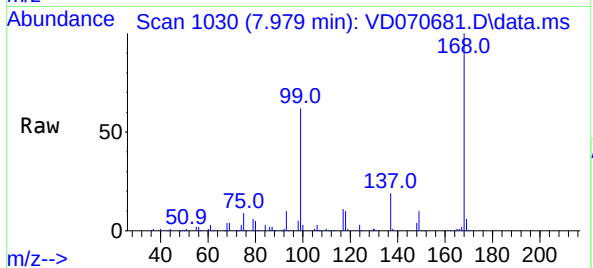




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070681.D
Acq: 12 Oct 2021 16:04

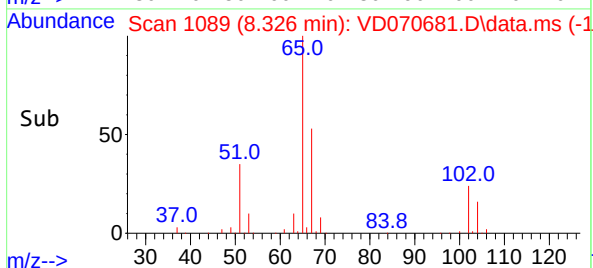
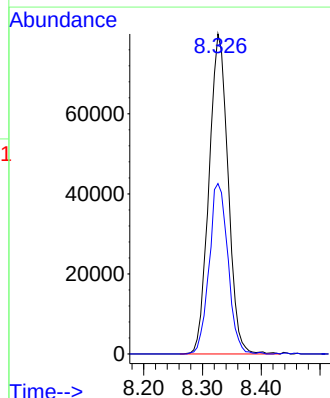
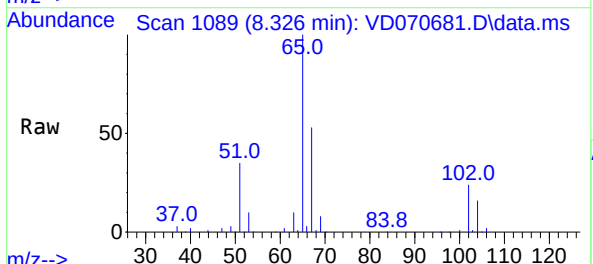
Instrument :
MSVOA_D
ClientSampleId :
OK-3-101121

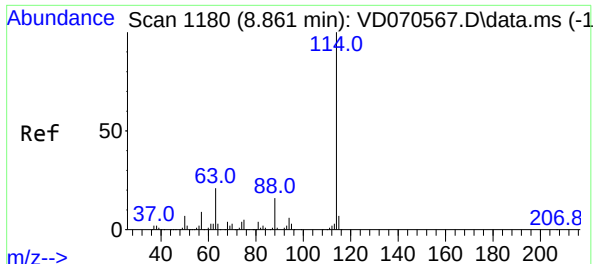
Tgt Ion:168 Resp: 294932
Ion Ratio Lower Upper
168 100
99 62.1 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 51.89 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070681.D
Acq: 12 Oct 2021 16:04

Tgt Ion: 65 Resp: 180105
Ion Ratio Lower Upper
65 100
67 52.4 0.0 110.2





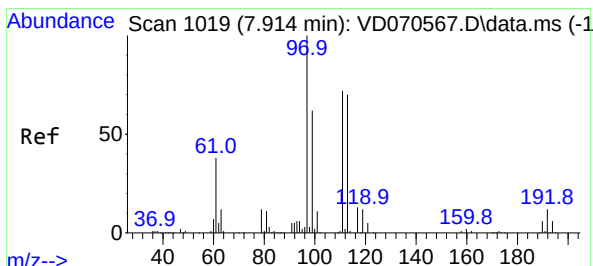
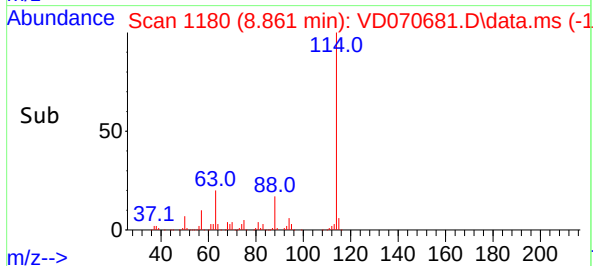
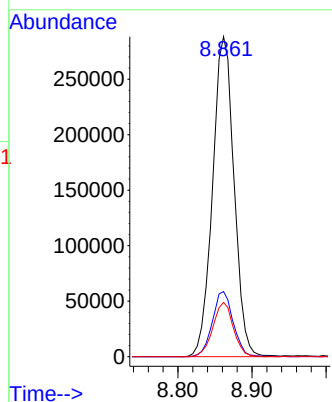
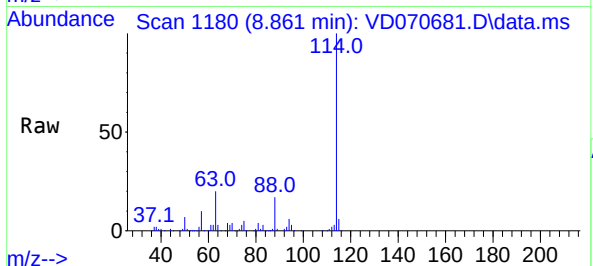
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070681.D
Acq: 12 Oct 2021 16:04

Instrument :
MSVOA_D
ClientSampleId :
OK-3-101121

Tgt Ion:114 Resp: 579619

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.8
88	17.0	0.0	32.6

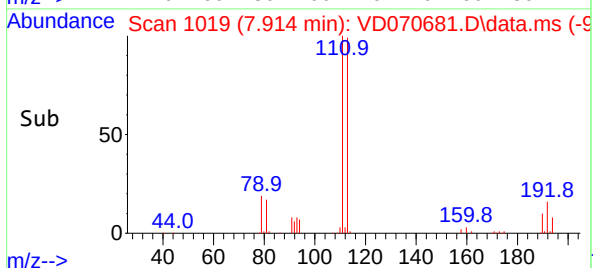
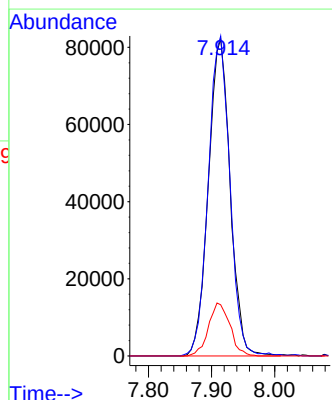
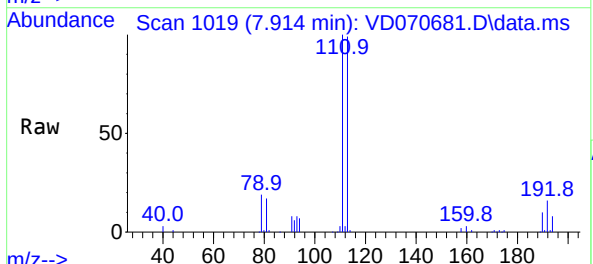


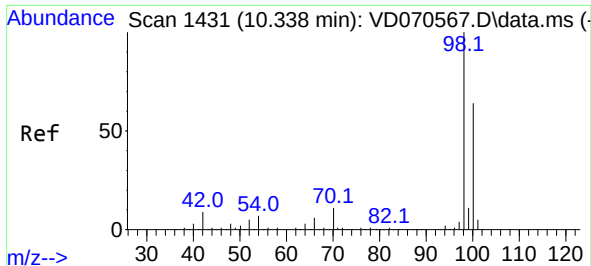
#35

Dibromofluoromethane
Concen: 51.04 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070681.D
Acq: 12 Oct 2021 16:04

Tgt Ion:113 Resp: 196681

Ion	Ratio	Lower	Upper
113	100		
111	100.3	83.1	124.7
192	16.5	12.7	19.1

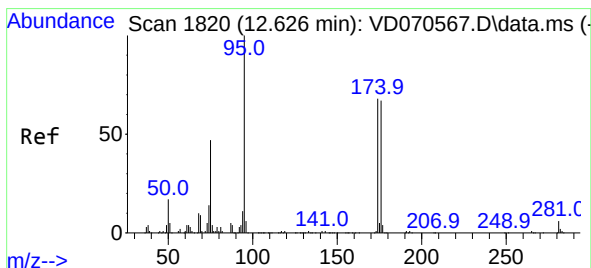
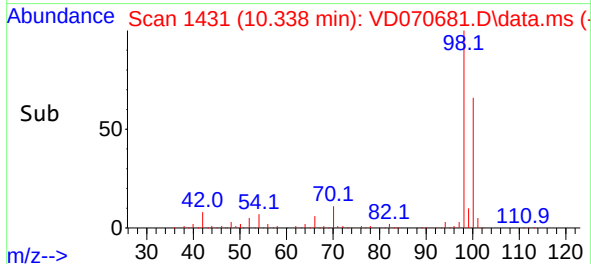
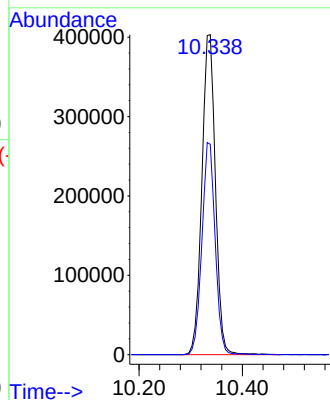
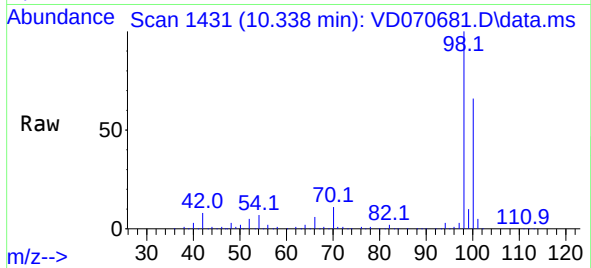




#50
Toluene-d8
Concen: 49.77 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070681.D
Acq: 12 Oct 2021 16:04

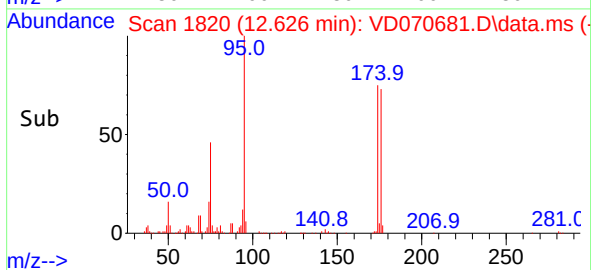
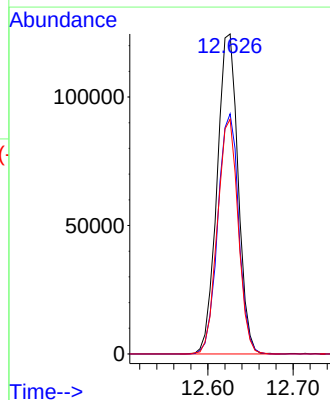
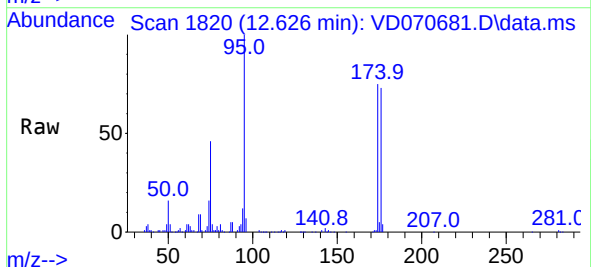
Instrument :
MSVOA_D
ClientSampleId :
OK-3-101121

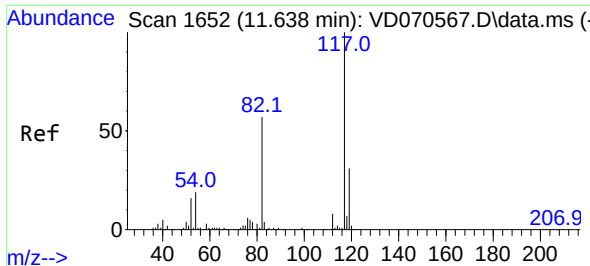
Tgt Ion: 98 Resp: 733207
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 43.26 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070681.D
Acq: 12 Oct 2021 16:04

Tgt Ion: 95 Resp: 213012
Ion Ratio Lower Upper
95 100
174 74.6 0.0 138.0
176 72.3 0.0 135.6

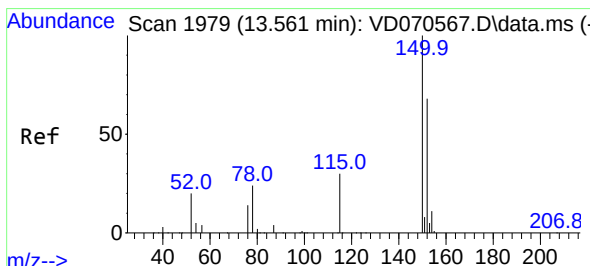
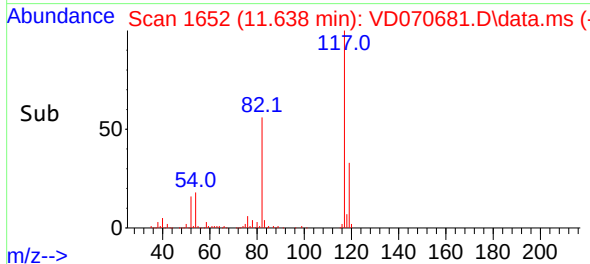
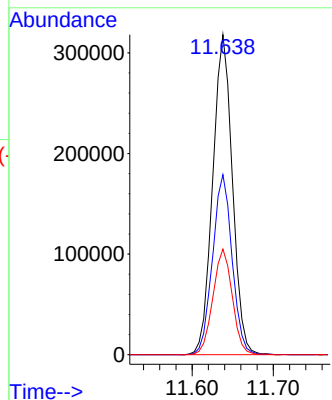
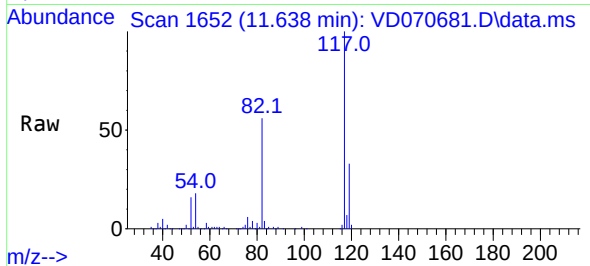




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070681.D
Acq: 12 Oct 2021 16:04

Instrument :
MSVOA_D
ClientSampleId :
OK-3-101121

Tgt Ion:117 Resp: 535179
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.2
119 33.0 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070681.D
Acq: 12 Oct 2021 16:04

Tgt Ion:152 Resp: 196049
Ion Ratio Lower Upper
152 100
115 61.0 31.9 95.7
150 159.5 0.0 350.0

