

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082321\
 Data File : VD070222.D
 Acq On : 23 Aug 2021 15:24
 Operator : VA/SY
 Sample : M3463-31
 Misc : 6.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-25-0204

Quant Time: Aug 24 01:31:25 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	475368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	971718	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	944877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	393510	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	321698	57.538	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.080%
35) Dibromofluoromethane	7.908	113	321804	51.260	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.520%
50) Toluene-d8	10.338	98	1260069	51.605	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.200%
62) 4-Bromofluorobenzene	12.626	95	402759	50.079	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.160%

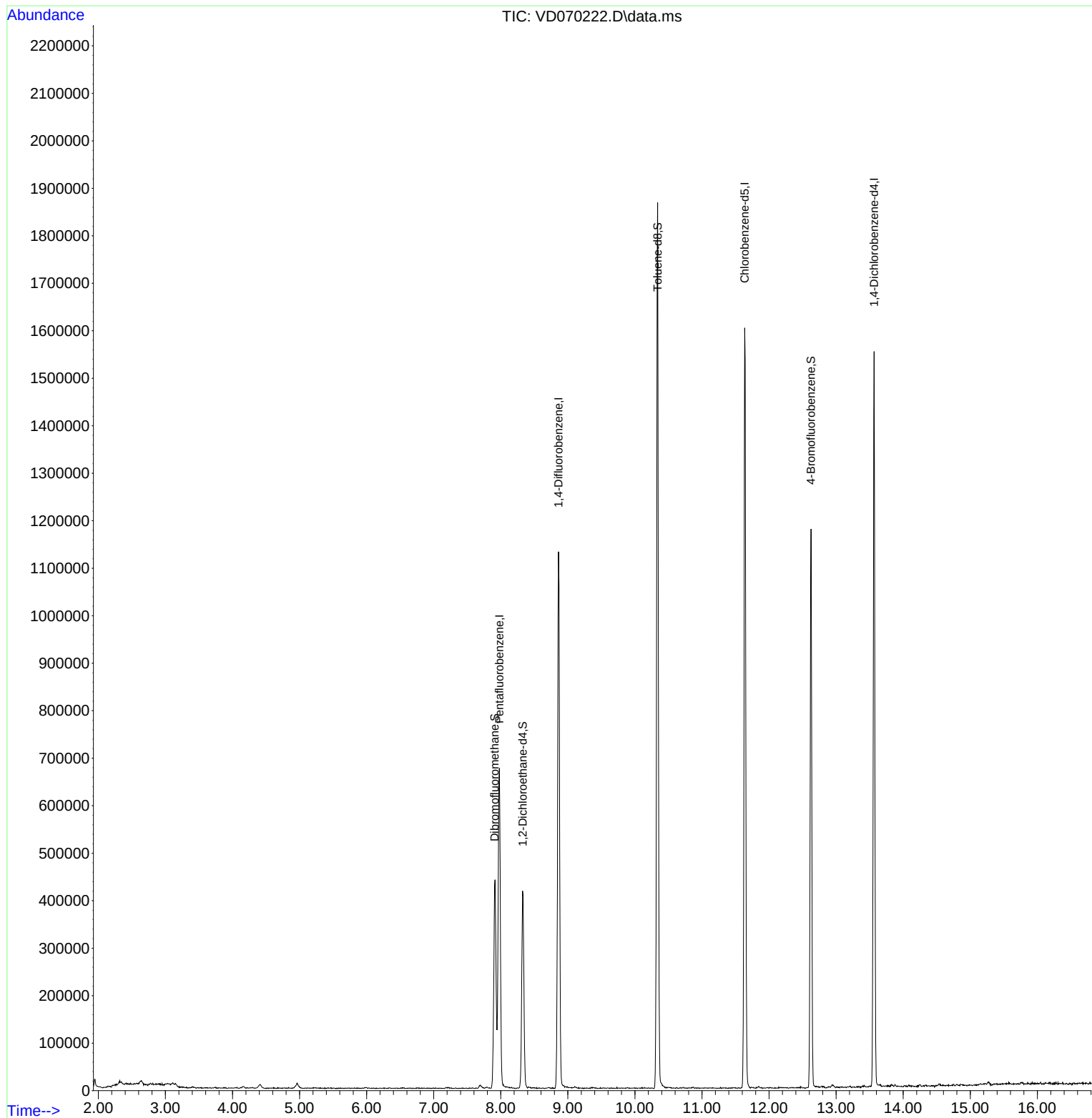
Target Compounds	Qvalue

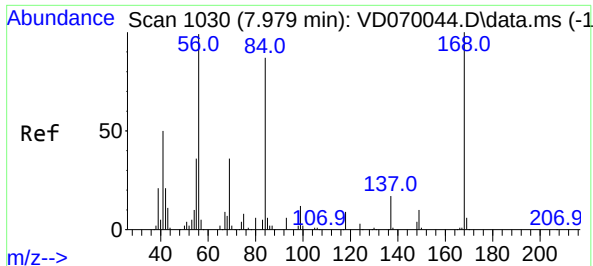
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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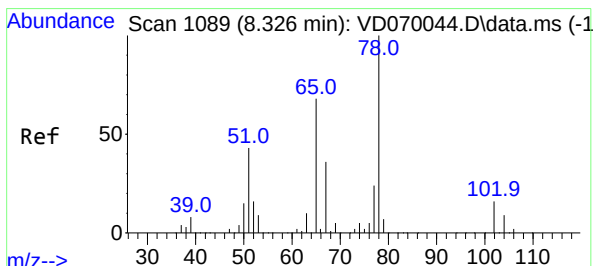
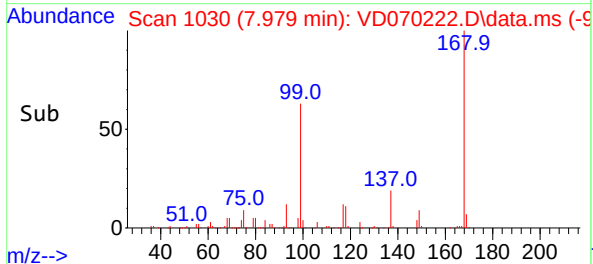
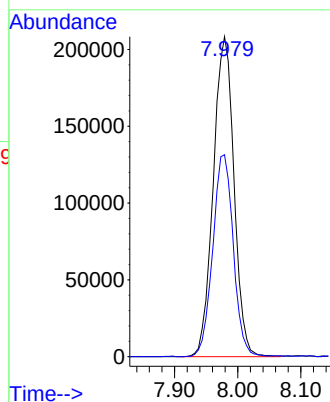
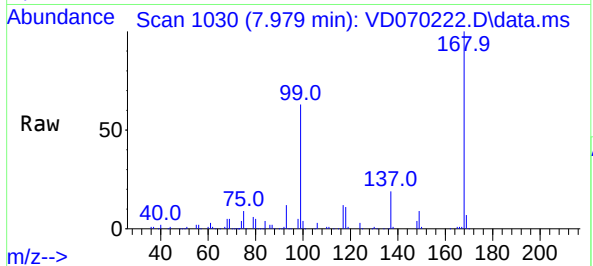




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070222.D
Acq: 23 Aug 2021 15:24

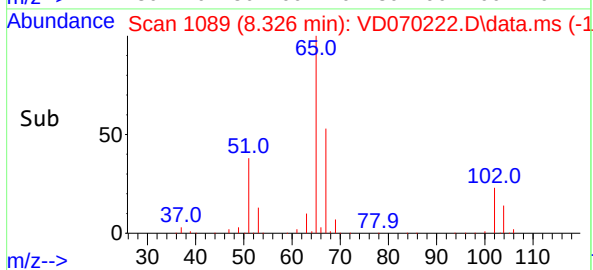
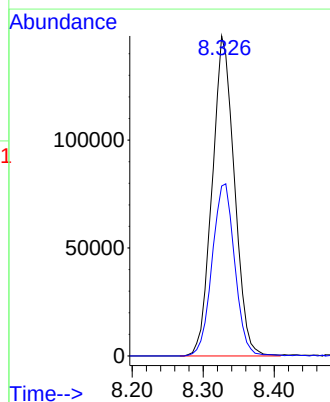
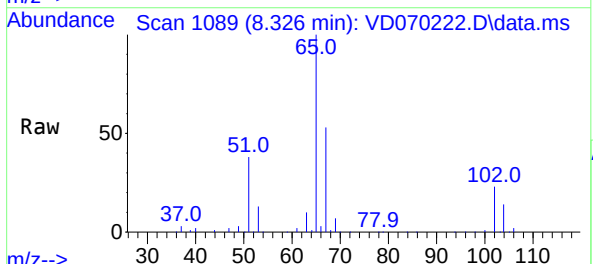
Instrument :
MSVOA_D
ClientSampleId :
SWCS-25-0204

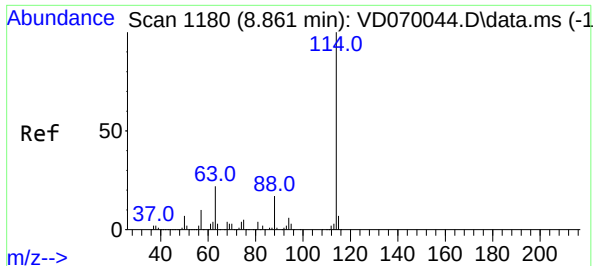
Tgt Ion:168 Resp: 475368
Ion Ratio Lower Upper
168 100
99 63.1 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 57.538 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070222.D
Acq: 23 Aug 2021 15:24

Tgt Ion: 65 Resp: 321698
Ion Ratio Lower Upper
65 100
67 54.8 0.0 107.8



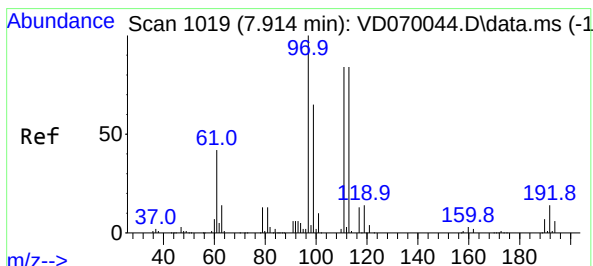
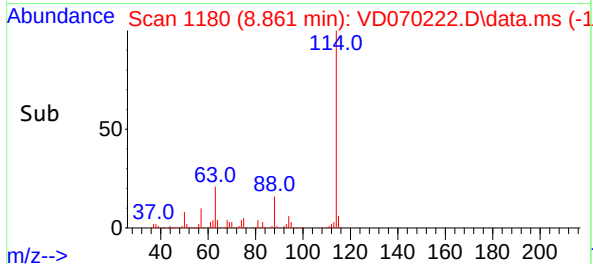
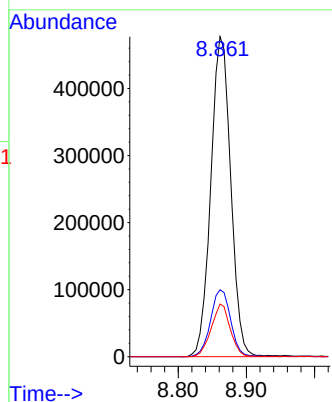
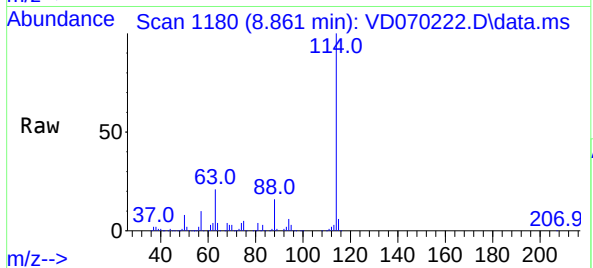


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070222.D
Acq: 23 Aug 2021 15:24

Instrument :
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SWCS-25-0204

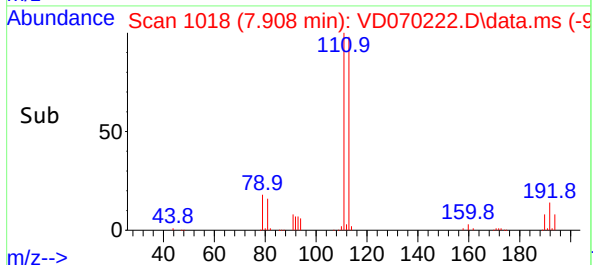
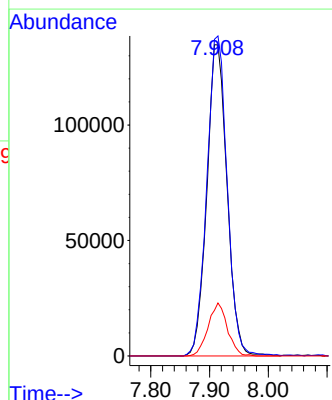
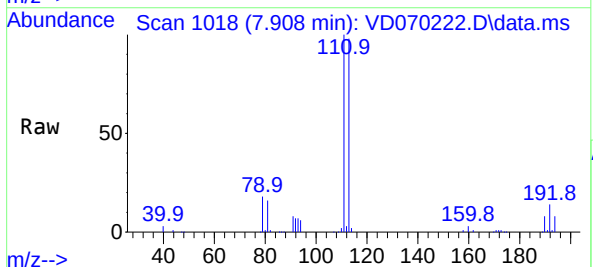
Tgt Ion:114 Resp: 971718
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.6
88 16.4 0.0 33.4

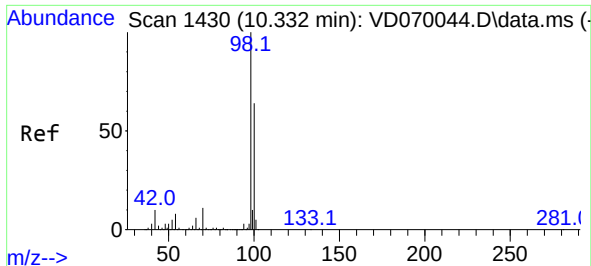


#35

Dibromofluoromethane
Concen: 51.260 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070222.D
Acq: 23 Aug 2021 15:24

Tgt Ion:113 Resp: 321804
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.6
192 16.3 13.2 19.8

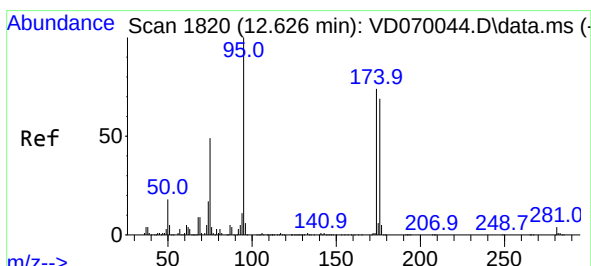
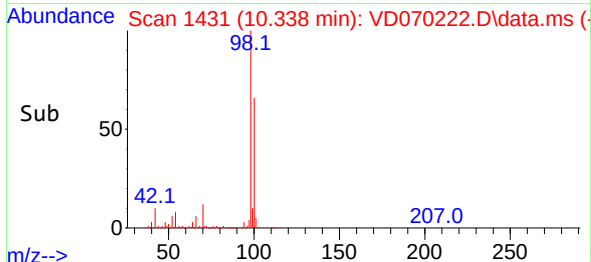
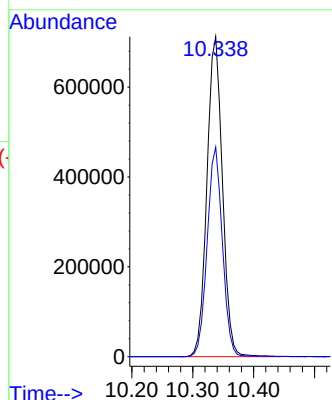
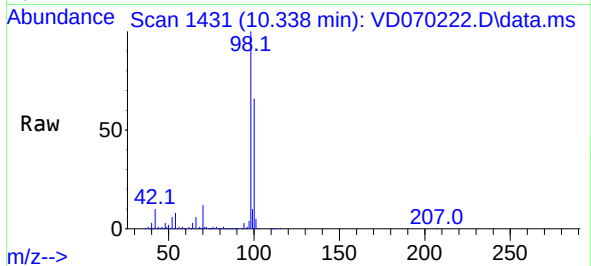




#50
Toluene-d8
Concen: 51.605 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070222.D
Acq: 23 Aug 2021 15:24

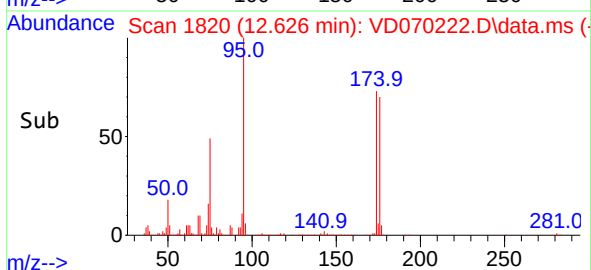
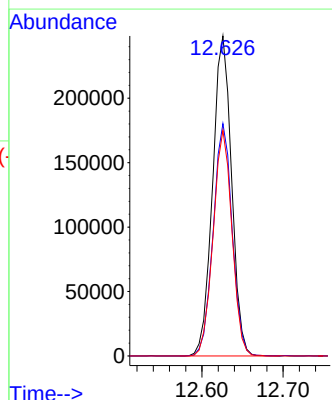
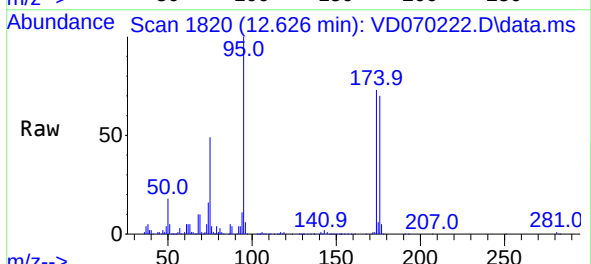
Instrument :
MSVOA_D
ClientSampleId :
SWCS-25-0204

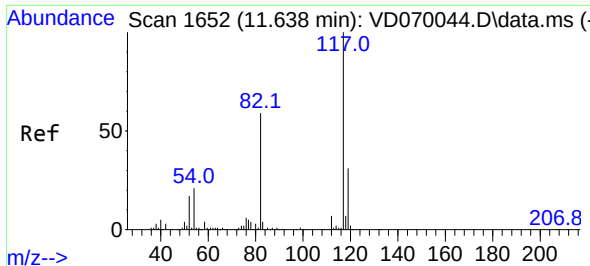
Tgt Ion: 98 Resp: 1260069
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.079 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070222.D
Acq: 23 Aug 2021 15:24

Tgt Ion: 95 Resp: 402759
Ion Ratio Lower Upper
95 100
174 72.7 0.0 141.6
176 69.9 0.0 138.2

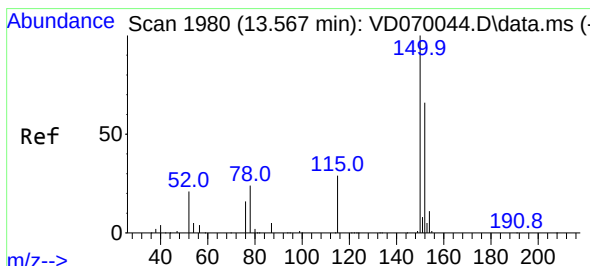
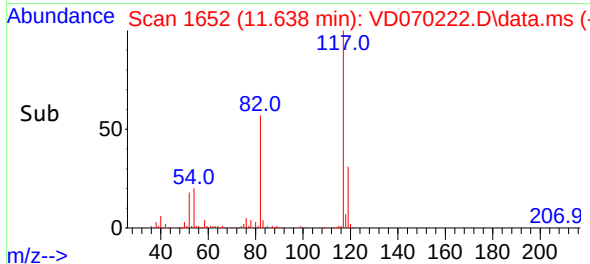
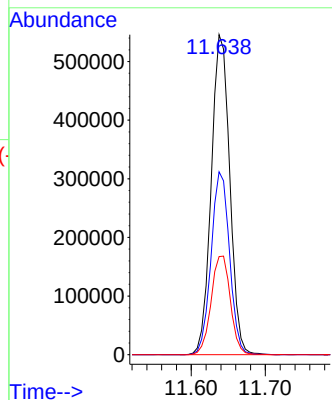
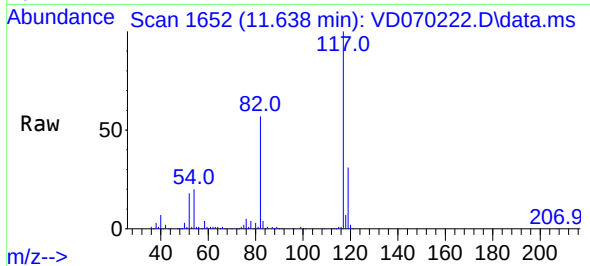




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070222.D
Acq: 23 Aug 2021 15:24

Instrument :
MSVOA_D
ClientSampleId :
SWCS-25-0204

Tgt Ion:	117	Resp:	944877
Ion	Ratio	Lower	Upper
117	100		
82	57.2	47.5	71.3
119	30.6	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: VD070222.D
Acq: 23 Aug 2021 15:24

Tgt Ion:	152	Resp:	393510
Ion	Ratio	Lower	Upper
152	100		
115	62.4	31.2	93.6
150	157.6	0.0	352.0

