

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070166.D
 Acq On : 19 Aug 2021 14:23
 Operator : VA/SY
 Sample : M3418-04
 Misc : 9.22G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-14-0205

Quant Time: Aug 20 05:47:21 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	515855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1014707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	964093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	372477	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	339294	55.922	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.840%
35) Dibromofluoromethane	7.914	113	336755	51.369	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.740%
50) Toluene-d8	10.338	98	1295706	50.816	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.640%
62) 4-Bromofluorobenzene	12.626	95	393566	46.862	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.720%

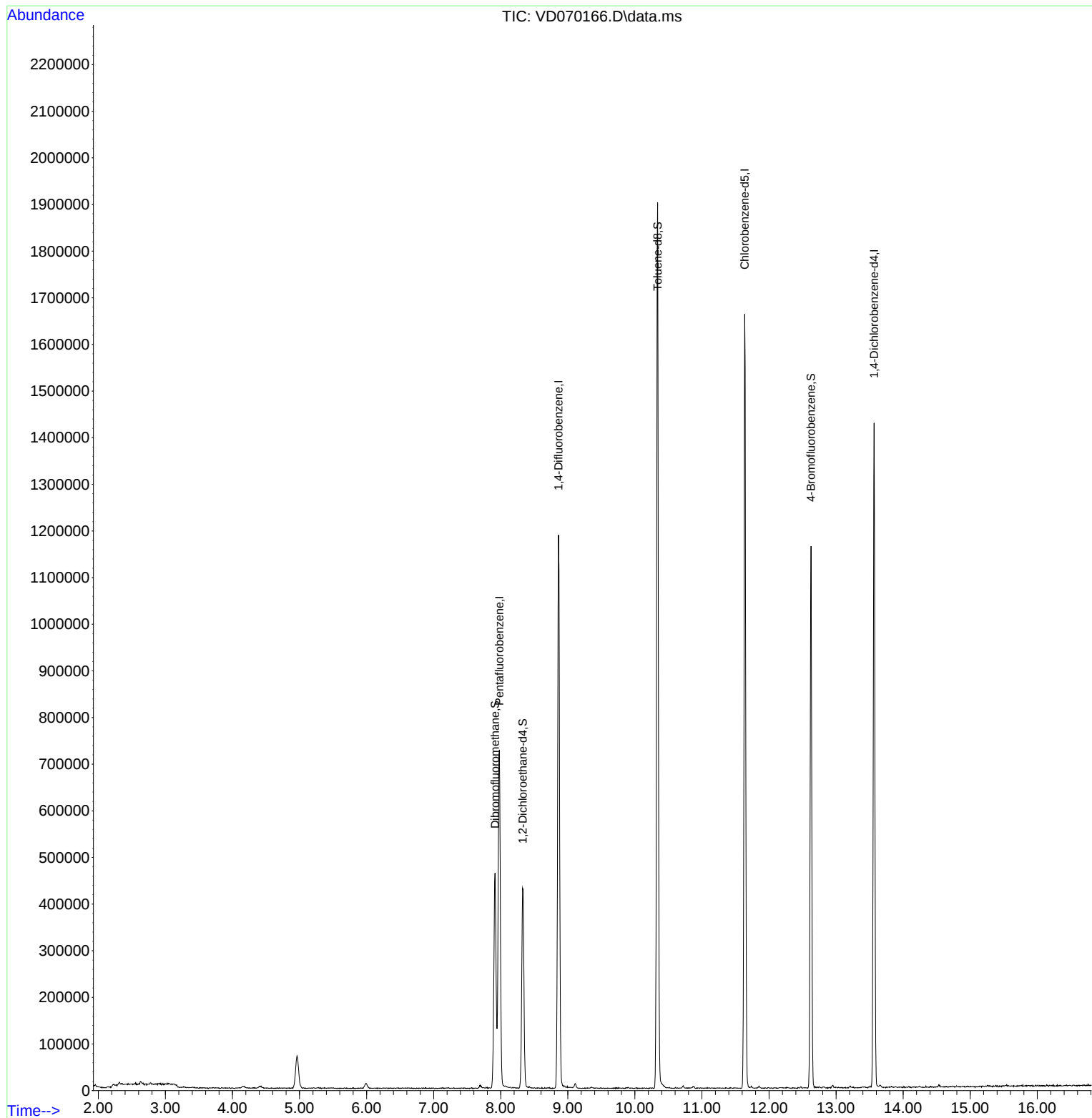
Target Compounds	Qvalue

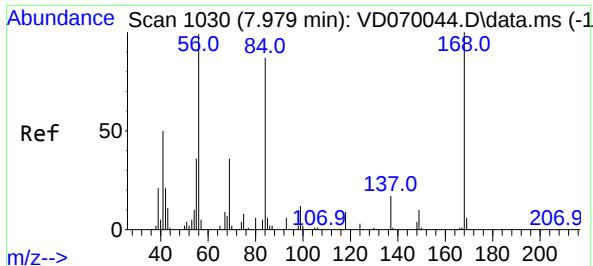
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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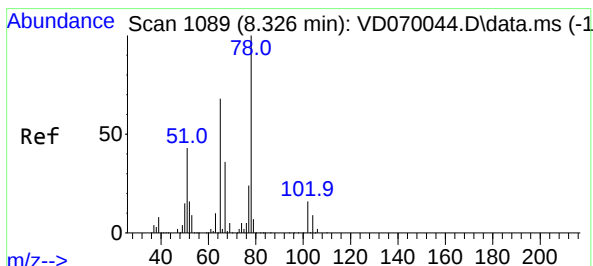
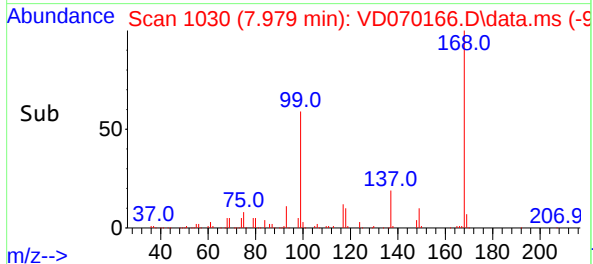
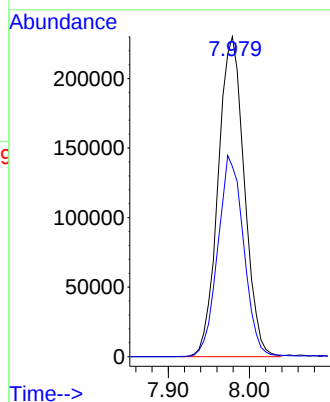
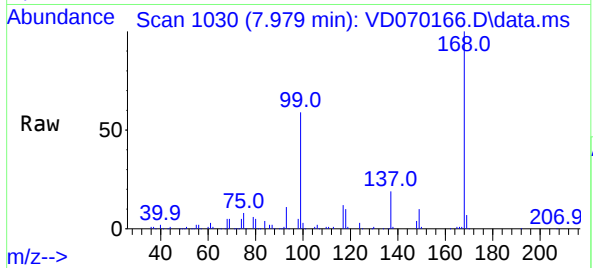




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070166.D
Acq: 19 Aug 2021 14:23

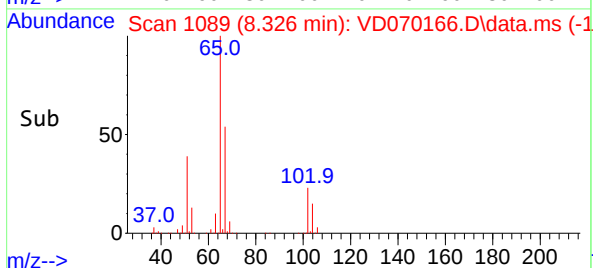
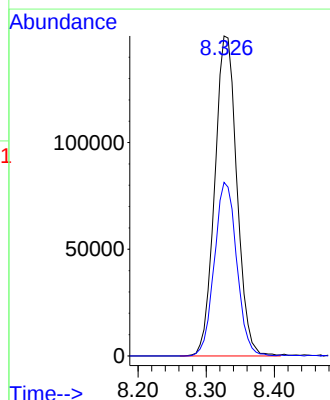
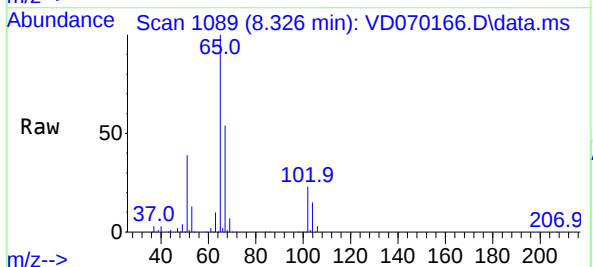
Instrument :
MSVOA_D
ClientSampleId :
SWCS-14-0205

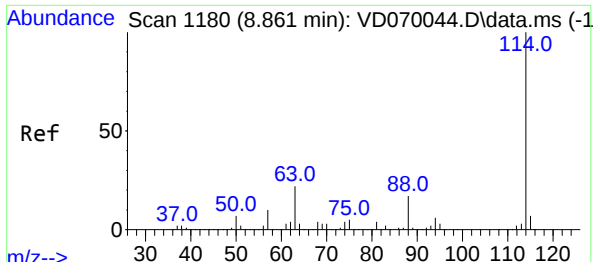
Tgt Ion:168 Resp: 515855
Ion Ratio Lower Upper
168 100
99 59.4 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 55.922 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070166.D
Acq: 19 Aug 2021 14:23

Tgt Ion: 65 Resp: 339294
Ion Ratio Lower Upper
65 100
67 54.7 0.0 107.8

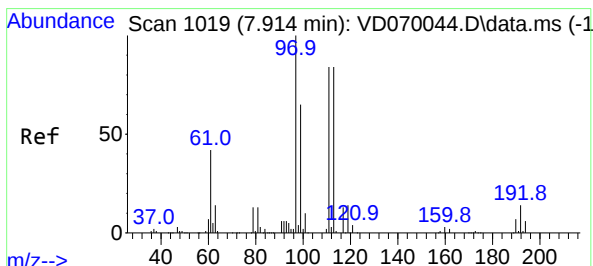
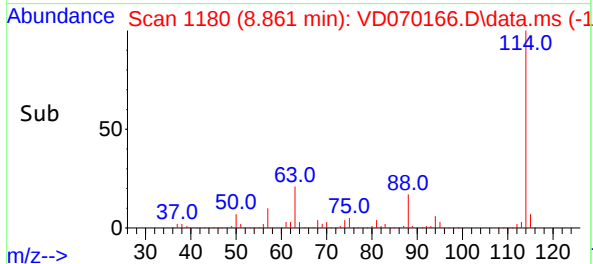
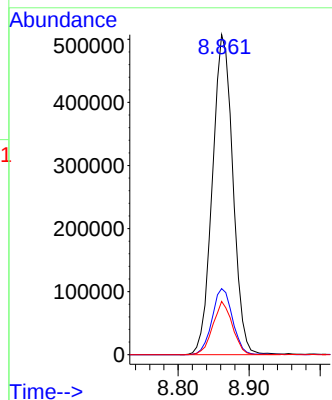
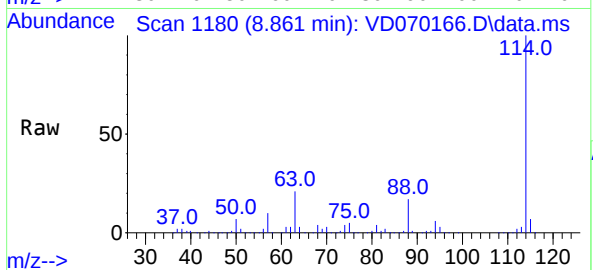




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070166.D
Acq: 19 Aug 2021 14:23

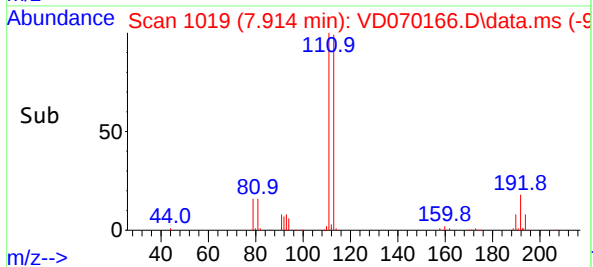
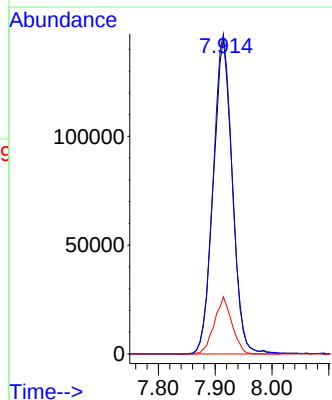
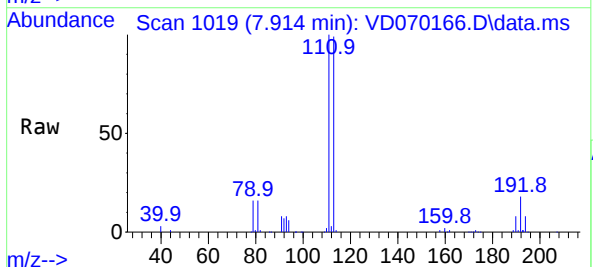
Instrument :
MSVOA_D
ClientSampleId :
SWCS-14-0205

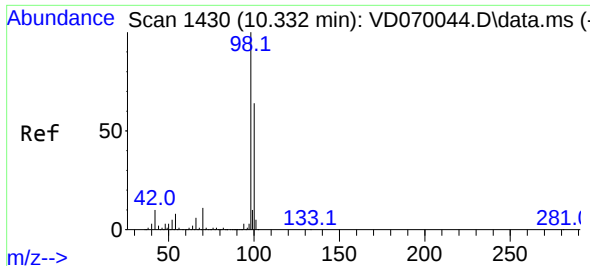
Tgt Ion:114 Resp: 1014707
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.6
88 16.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 51.369 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070166.D
Acq: 19 Aug 2021 14:23

Tgt Ion:113 Resp: 336755
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 16.8 13.2 19.8

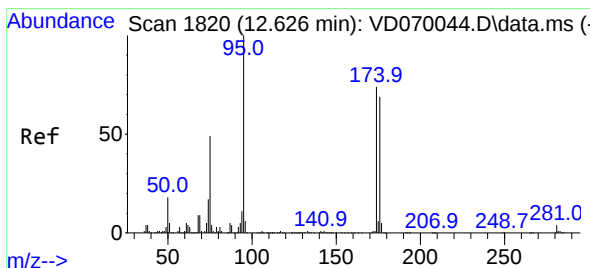
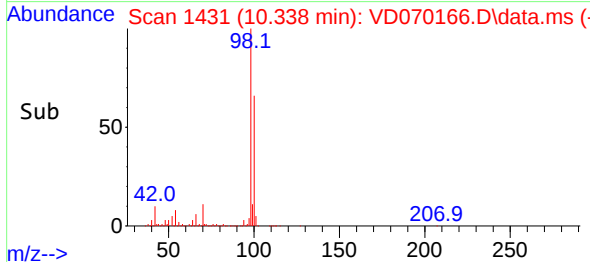
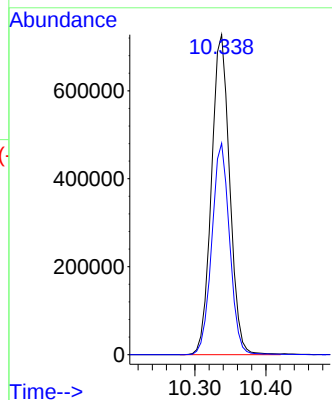
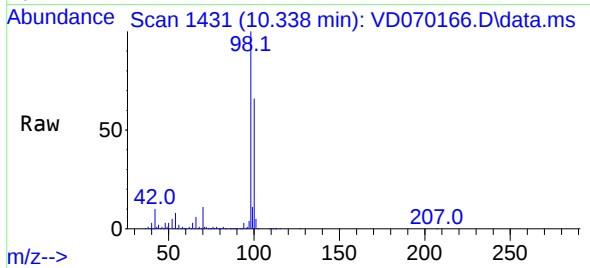




#50
Toluene-d8
Concen: 50.816 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070166.D
Acq: 19 Aug 2021 14:23

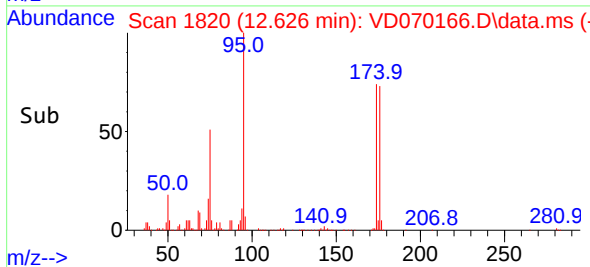
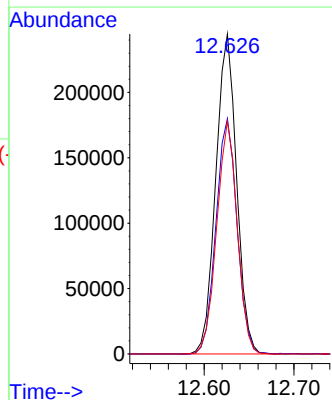
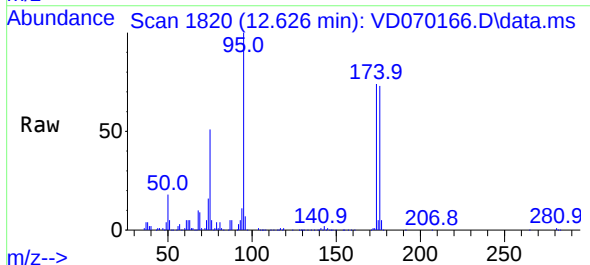
Instrument :
MSVOA_D
ClientSampleId :
SWCS-14-0205

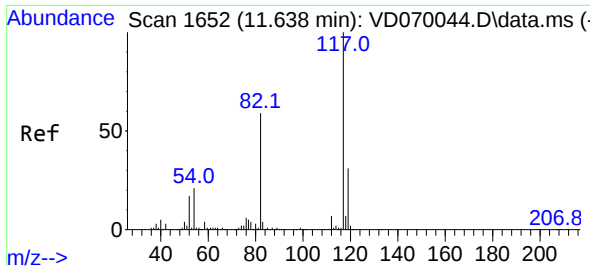
Tgt Ion: 98 Resp: 1295706
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.862 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070166.D
Acq: 19 Aug 2021 14:23

Tgt Ion: 95 Resp: 393566
Ion Ratio Lower Upper
95 100
174 74.5 0.0 141.6
176 71.6 0.0 138.2

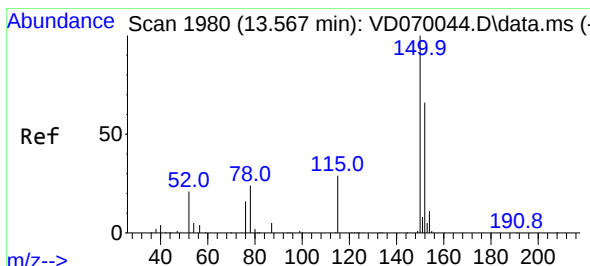
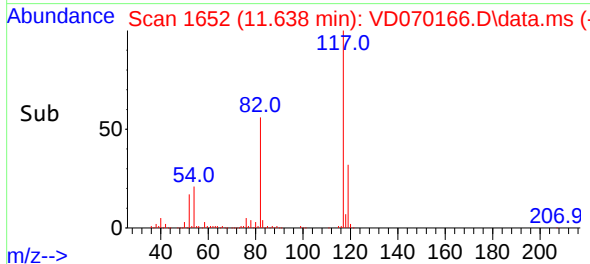
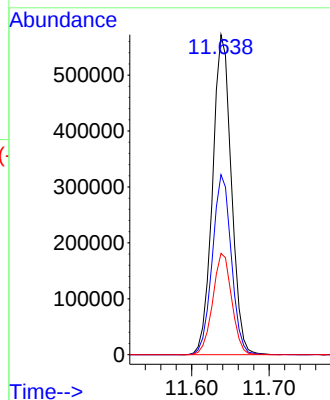
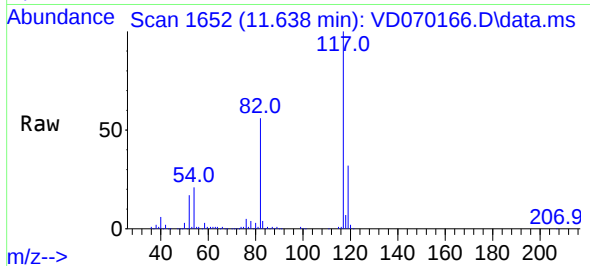




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070166.D
Acq: 19 Aug 2021 14:23

Instrument :
MSVOA_D
ClientSampleId :
SWCS-14-0205

Tgt Ion:	117	Resp:	964093
Ion	Ratio	Lower	Upper
117	100		
82	56.3	47.5	71.3
119	31.6	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: VD070166.D
Acq: 19 Aug 2021 14:23

Tgt Ion:	152	Resp:	372477
Ion	Ratio	Lower	Upper
152	100		
115	62.7	31.2	93.6
150	160.9	0.0	352.0

