

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083121\
 Data File : VD070282.D
 Acq On : 31 Aug 2021 16:26
 Operator : VA/SY
 Sample : M3605-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PX-1

Quant Time: Sep 01 03:59:14 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	322505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	663562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	728801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	336764	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	259387	68.383	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.760%
35) Dibromofluoromethane	7.914	113	237308	55.355	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.700%
50) Toluene-d8	10.338	98	877072	52.600	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.200%
62) 4-Bromofluorobenzene	12.626	95	329869	60.063	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.120%

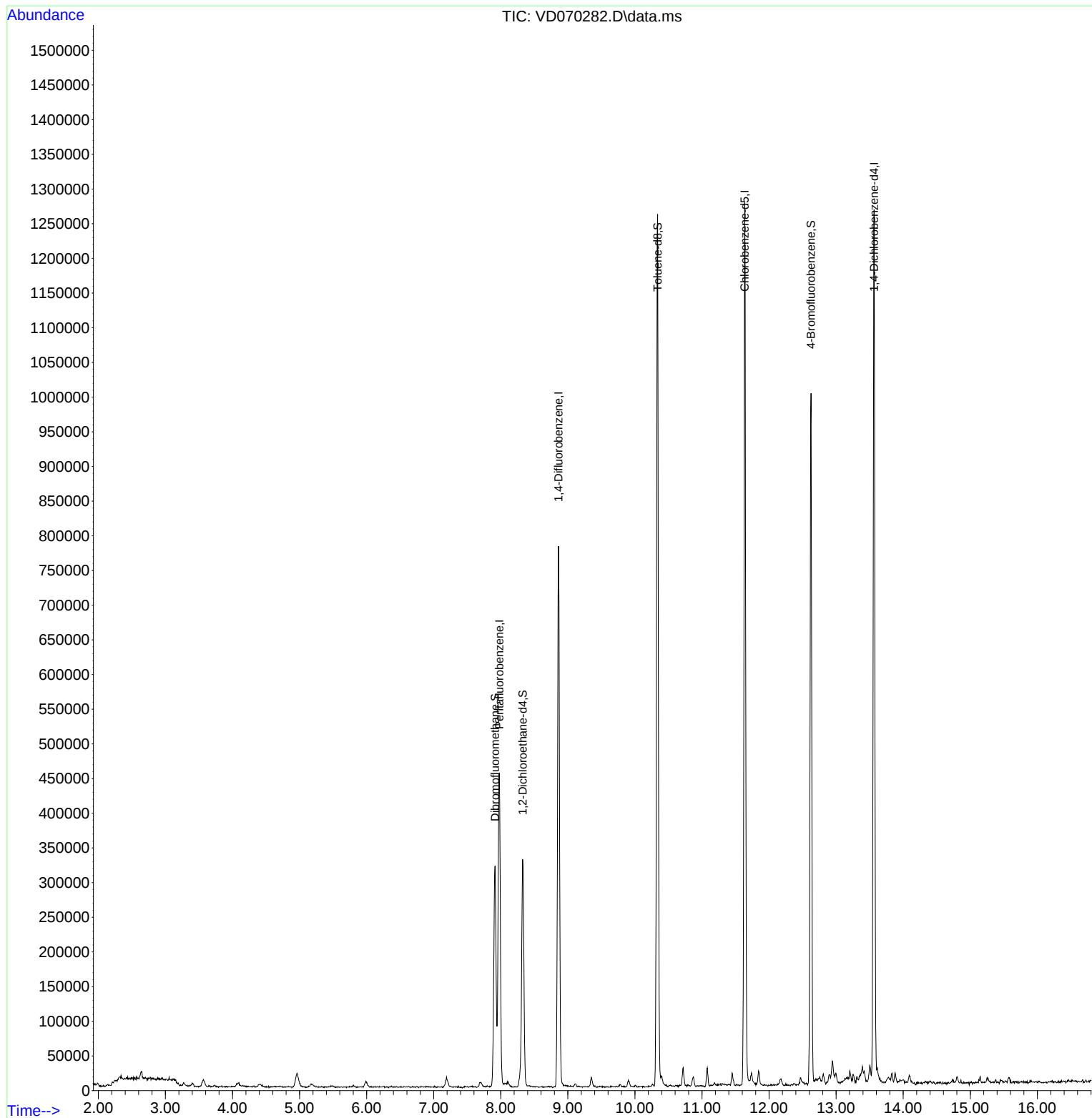
Target Compounds	Qvalue

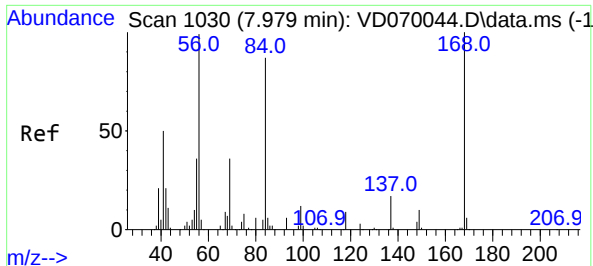
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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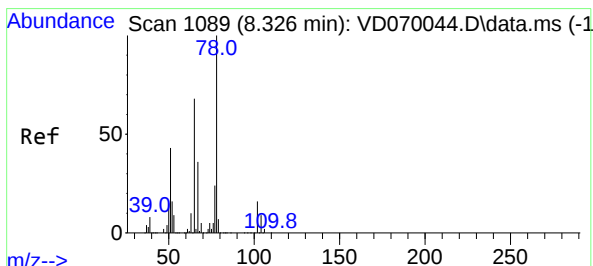
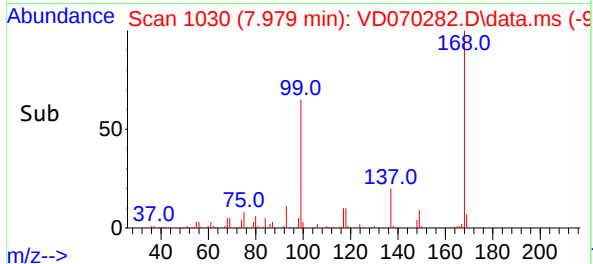
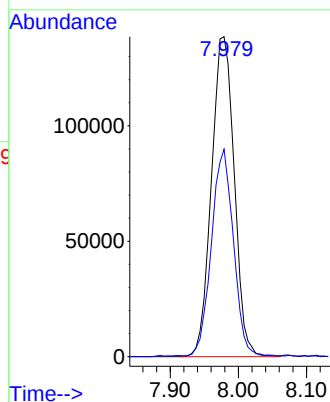
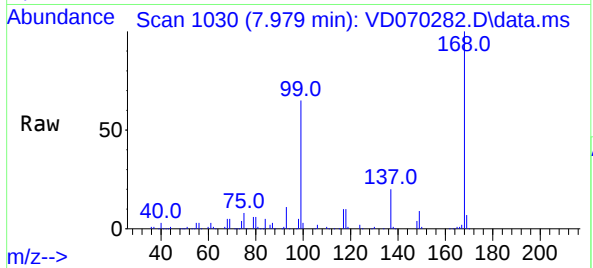




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070282.D
Acq: 31 Aug 2021 16:26

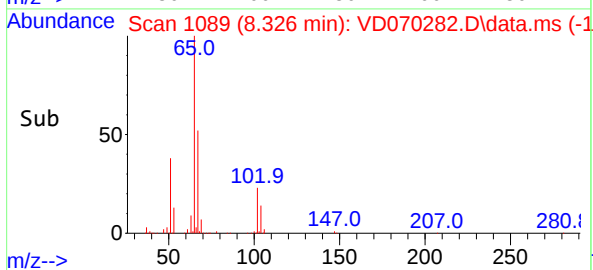
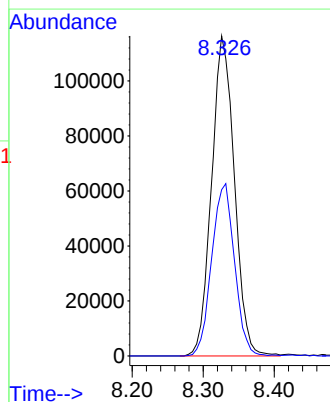
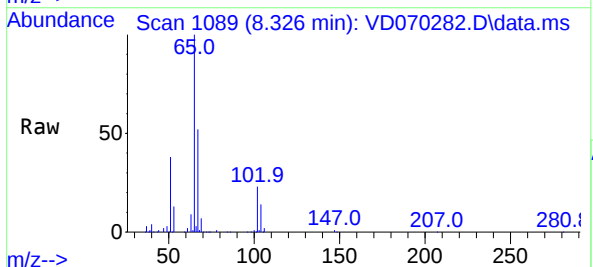
Instrument :
MSVOA_D
ClientSampleId :
PX-1

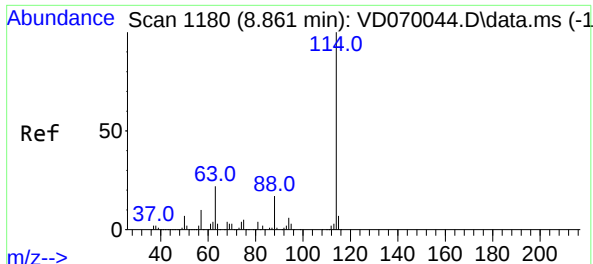
Tgt Ion:168 Resp: 322505
Ion Ratio Lower Upper
168 100
99 64.5 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 68.383 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070282.D
Acq: 31 Aug 2021 16:26

Tgt Ion: 65 Resp: 259387
Ion Ratio Lower Upper
65 100
67 53.9 0.0 107.8

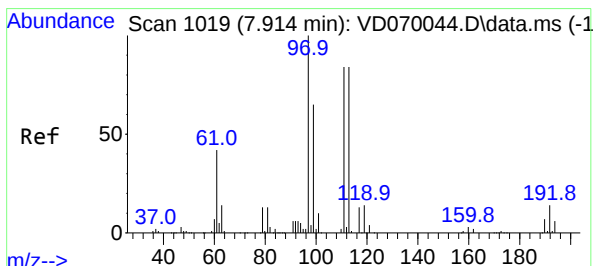
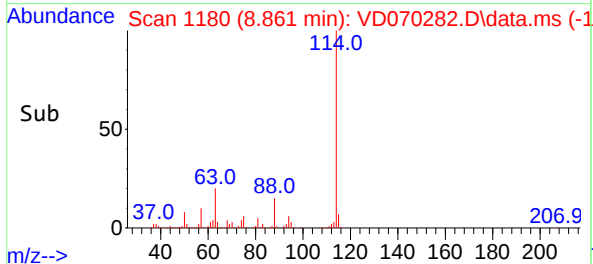
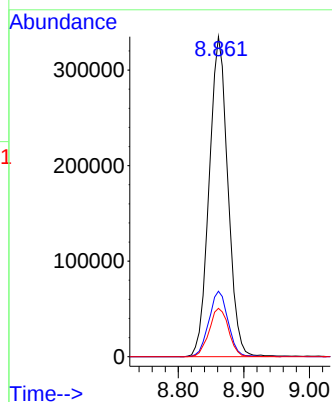
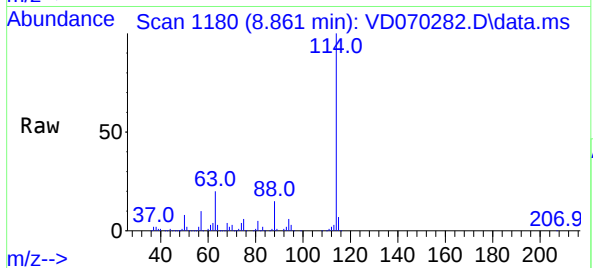




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070282.D
Acq: 31 Aug 2021 16:26

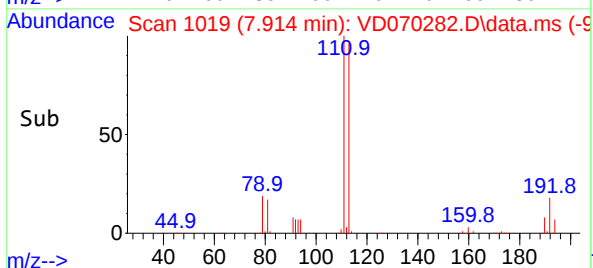
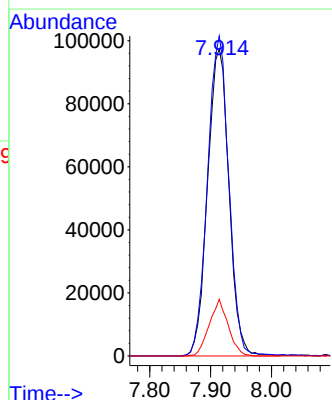
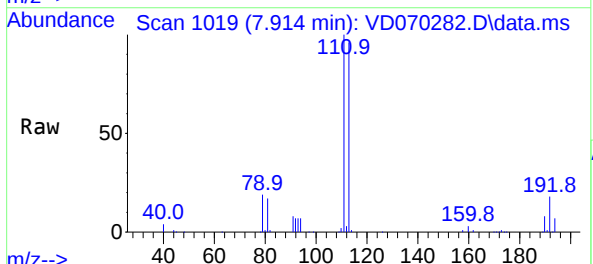
Instrument :
MSVOA_D
ClientSampleId :
PX-1

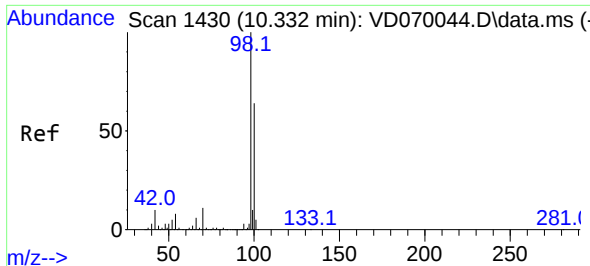
Tgt Ion:	114	Resp:	663562
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	43.6
88	15.1	0.0	33.4



#35
Dibromofluoromethane
Concen: 55.355 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070282.D
Acq: 31 Aug 2021 16:26

Tgt Ion:	113	Resp:	237308
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.8	122.6
192	16.3	13.2	19.8

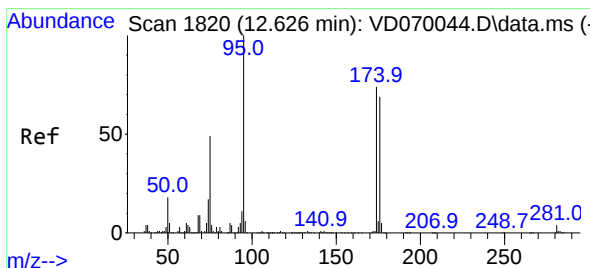
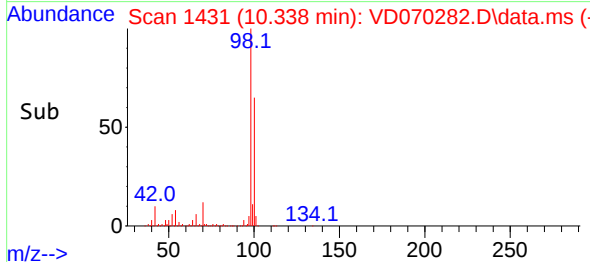
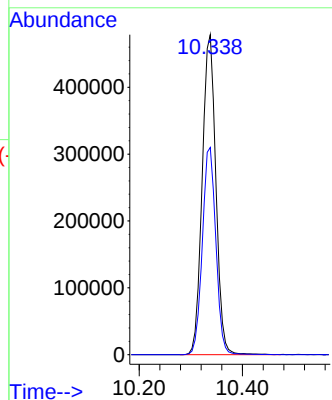
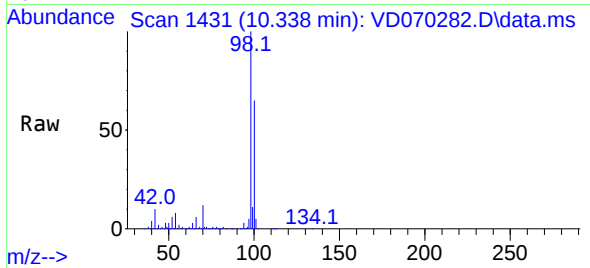




#50
Toluene-d8
Concen: 52.600 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070282.D
Acq: 31 Aug 2021 16:26

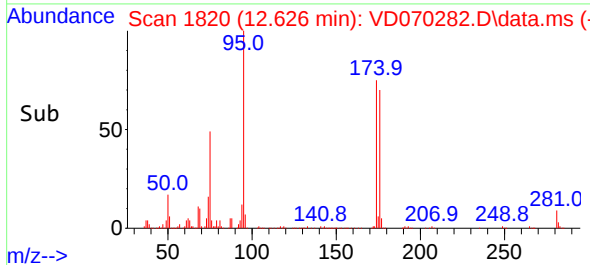
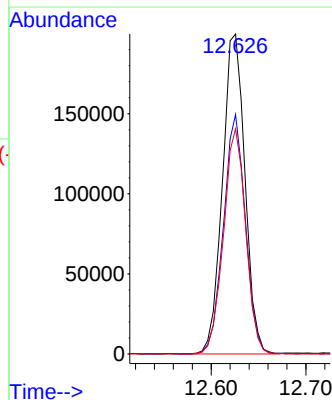
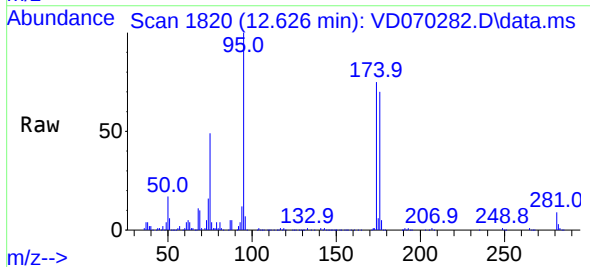
Instrument :
MSVOA_D
ClientSampleId :
PX-1

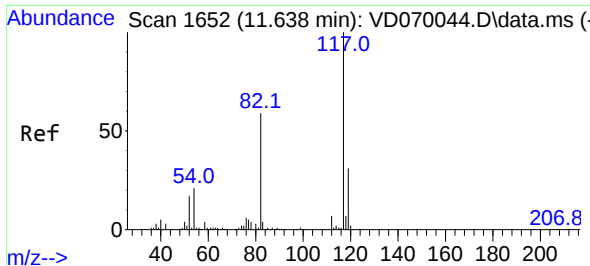
Tgt Ion: 98 Resp: 877072
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 60.063 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070282.D
Acq: 31 Aug 2021 16:26

Tgt Ion: 95 Resp: 329869
Ion Ratio Lower Upper
95 100
174 73.1 0.0 141.6
176 69.2 0.0 138.2

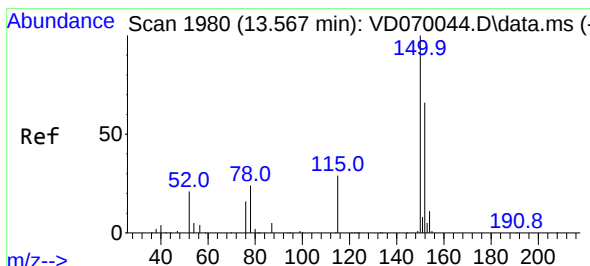
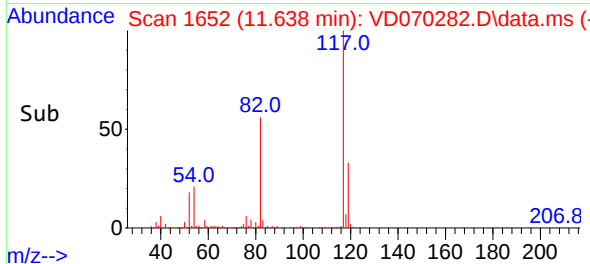
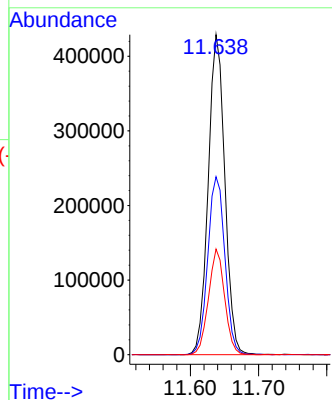
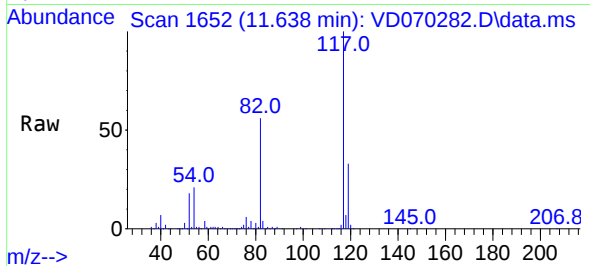




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070282.D
Acq: 31 Aug 2021 16:26

Instrument :
MSVOA_D
ClientSampleId :
PX-1

Tgt Ion:	117	Resp:	728801
Ion	Ratio	Lower	Upper
117	100		
82	55.6	47.5	71.3
119	33.0	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: VD070282.D
Acq: 31 Aug 2021 16:26

Tgt Ion:	152	Resp:	336764
Ion	Ratio	Lower	Upper
152	100		
115	61.7	31.2	93.6
150	155.5	0.0	352.0

