

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102621\
 Data File : VD070848.D
 Acq On : 26 Oct 2021 18:57
 Operator : VA/SY
 Sample : M4348-07
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 287

Quant Time: Oct 27 06:23:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	34399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	54977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	65932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	31926	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	30053	86.866	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	173.740%#
35) Dibromofluoromethane	7.908	113	22755	62.774	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	125.540%
50) Toluene-d8	10.338	98	76444	56.054	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.100%
62) 4-Bromofluorobenzene	12.620	95	27698	61.556	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	123.120%

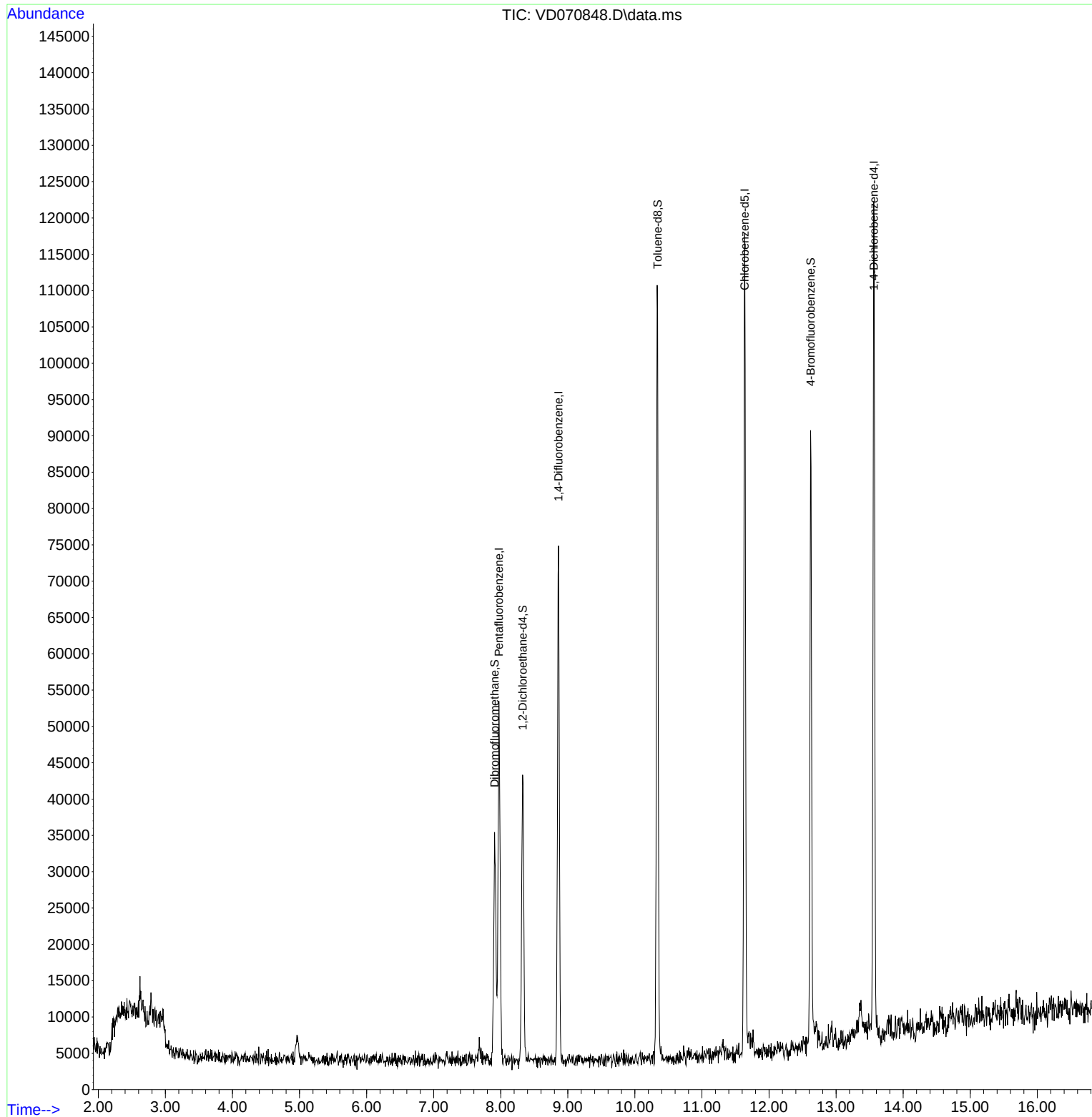
Target Compounds	Qvalue

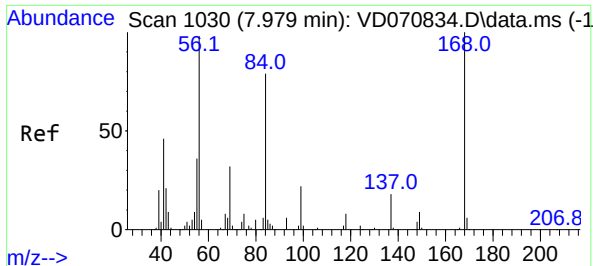
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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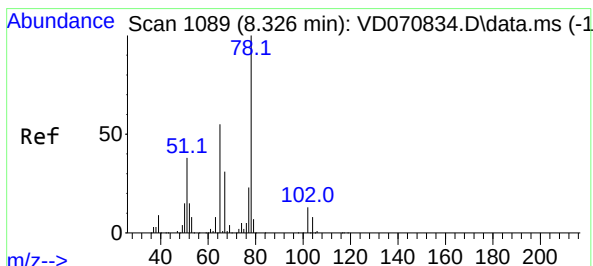
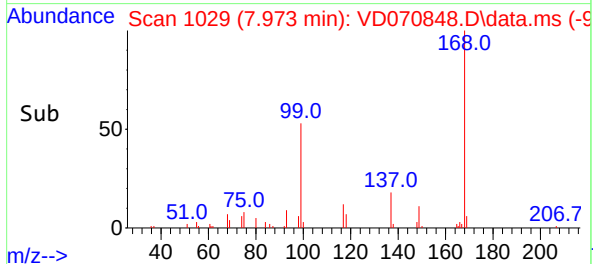
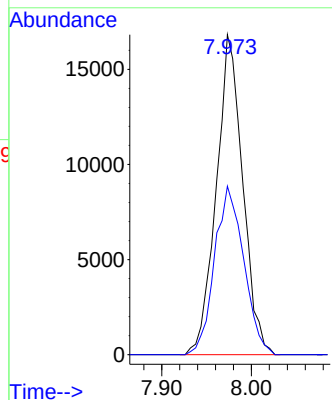
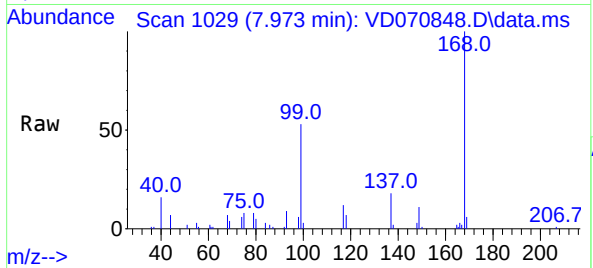




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070848.D
Acq: 26 Oct 2021 18:57

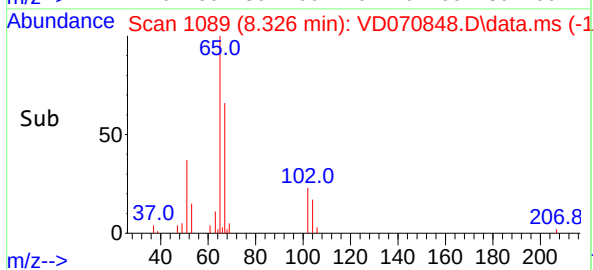
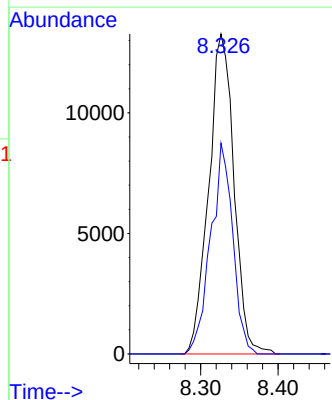
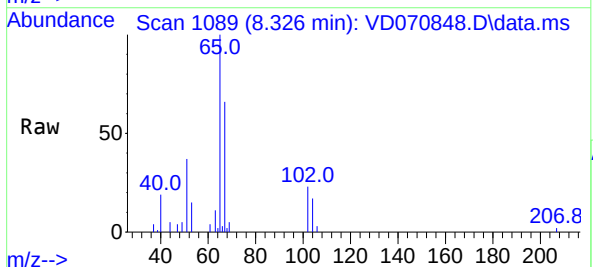
Instrument :
MSVOA_D
ClientSampleId :
287

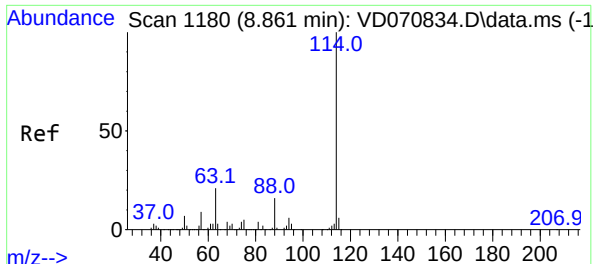
Tgt Ion:168 Resp: 34399
Ion Ratio Lower Upper
168 100
99 52.7 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 86.866 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070848.D
Acq: 26 Oct 2021 18:57

Tgt Ion: 65 Resp: 30053
Ion Ratio Lower Upper
65 100
67 57.5 0.0 112.2

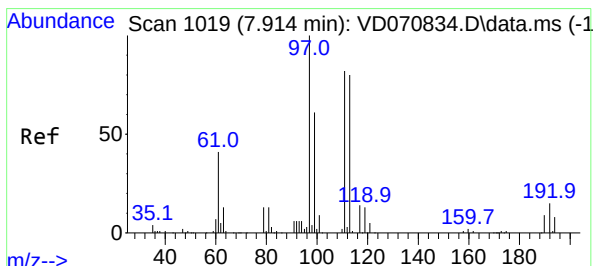
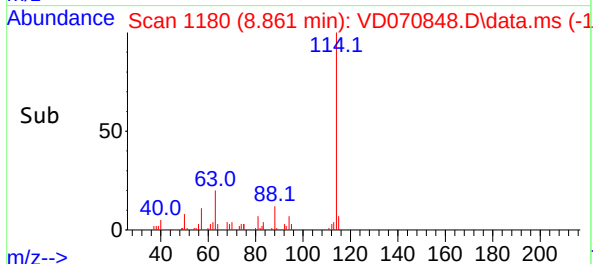
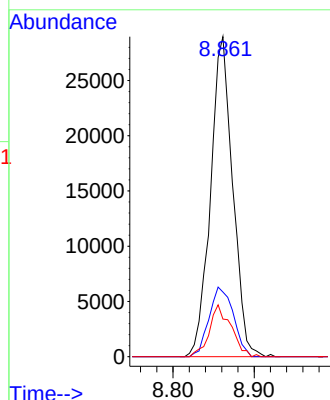
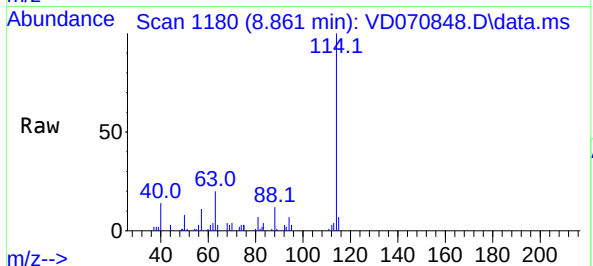




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070848.D
Acq: 26 Oct 2021 18:57

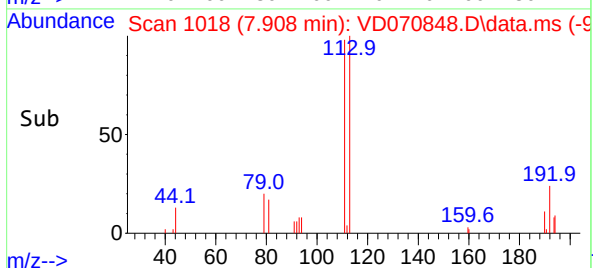
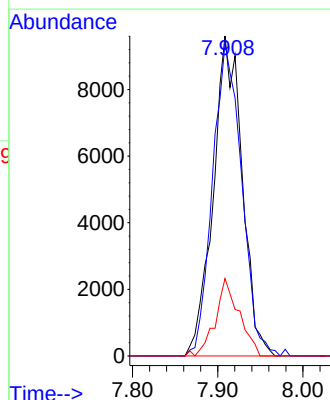
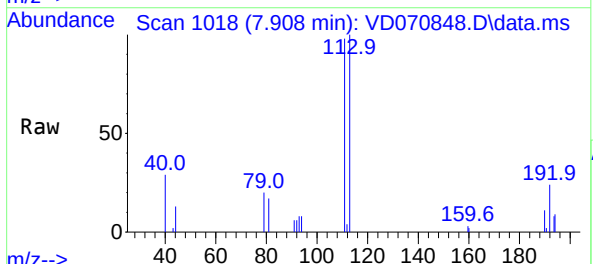
Instrument :
MSVOA_D
ClientSampleId :
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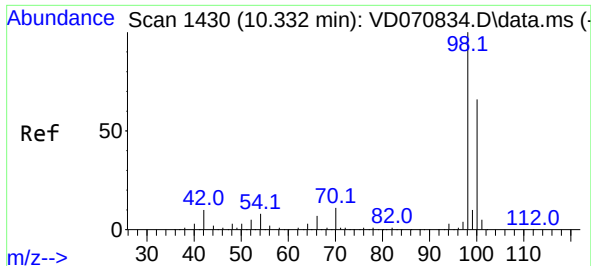
Tgt Ion:	114	Resp:	54977
Ion Ratio	Lower	Upper	
114	100		
63	20.2	0.0	41.8
88	11.8	0.0	32.8



#35
Dibromofluoromethane
Concen: 62.774 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070848.D
Acq: 26 Oct 2021 18:57

Tgt Ion:	113	Resp:	22755
Ion Ratio	Lower	Upper	
113	100		
111	97.7	82.0	123.0
192	19.8	15.2	22.8

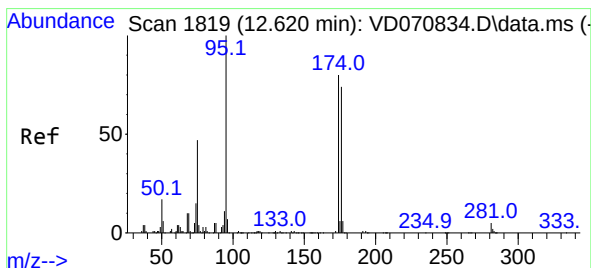
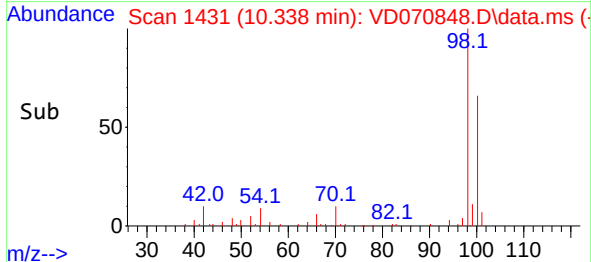
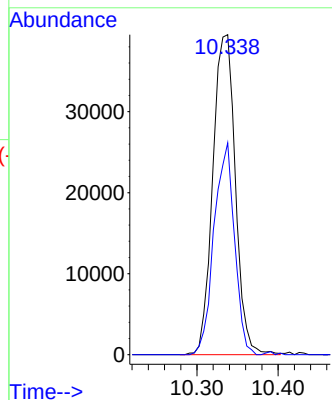
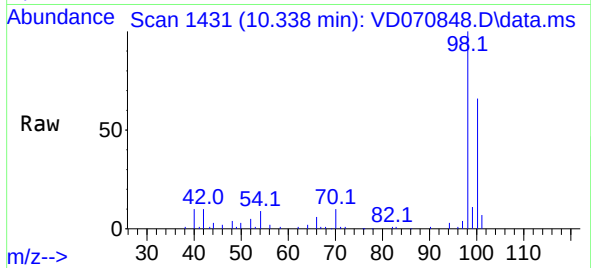




#50
Toluene-d8
Concen: 56.054 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD070848.D
Acq: 26 Oct 2021 18:57

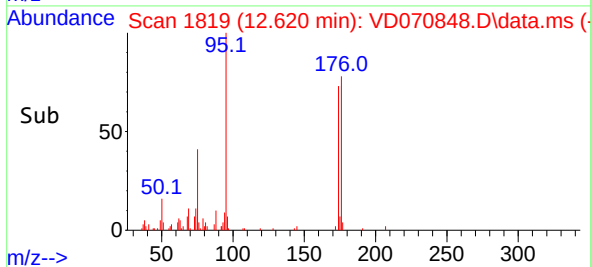
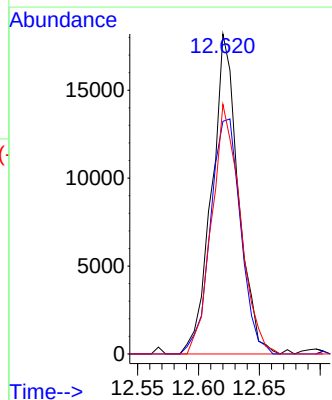
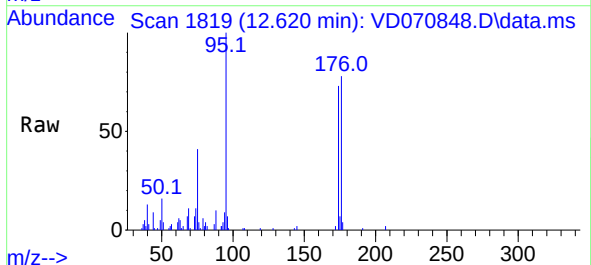
Instrument :
MSVOA_D
ClientSampleId :
287

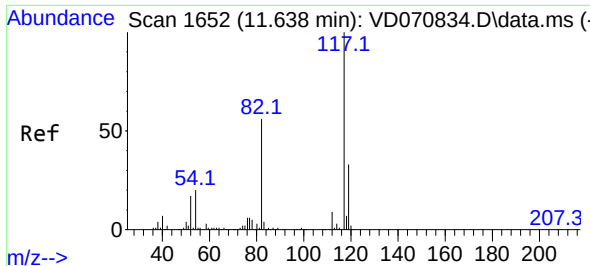
Tgt Ion: 98 Resp: 76444
Ion Ratio Lower Upper
98 100
100 59.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 61.556 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070848.D
Acq: 26 Oct 2021 18:57

Tgt Ion: 95 Resp: 27698
Ion Ratio Lower Upper
95 100
174 83.3 0.0 159.4
176 83.7 0.0 154.0

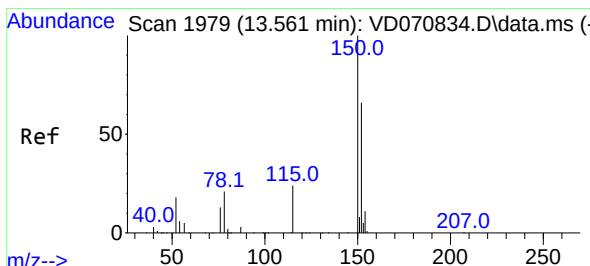
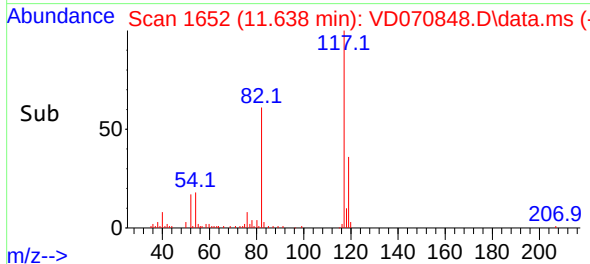
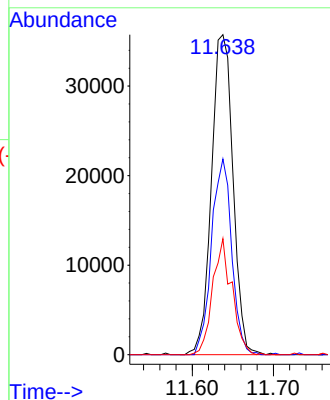
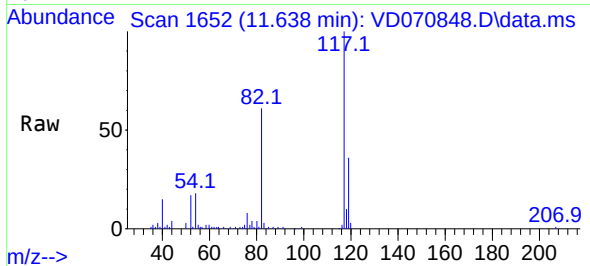




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070848.D
Acq: 26 Oct 2021 18:57

Instrument :
MSVOA_D
ClientSampleId :
287

Tgt Ion:	117	Resp:	65932
Ion Ratio	Lower	Upper	
117	100		
82	61.1	44.7	67.1
119	36.2	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070848.D
Acq: 26 Oct 2021 18:57

Tgt Ion:	152	Resp:	31926
Ion Ratio	Lower	Upper	
152	100		
115	59.8	29.8	89.3
150	160.6	0.0	349.2

