

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072021\
 Data File : VD069778.D
 Acq On : 20 Jul 2021 19:11
 Operator : VA/SY
 Sample : M3039-05
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-9.0-9.5

Quant Time: Jul 21 03:28:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	73405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	134105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	184057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	90845	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	73338	80.015	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	160.020%
35) Dibromofluoromethane	7.908	113	51620	57.376	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.760%
50) Toluene-d8	10.332	98	187038	53.512	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.020%
62) 4-Bromofluorobenzene	12.626	95	85384	73.246	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	146.500%#

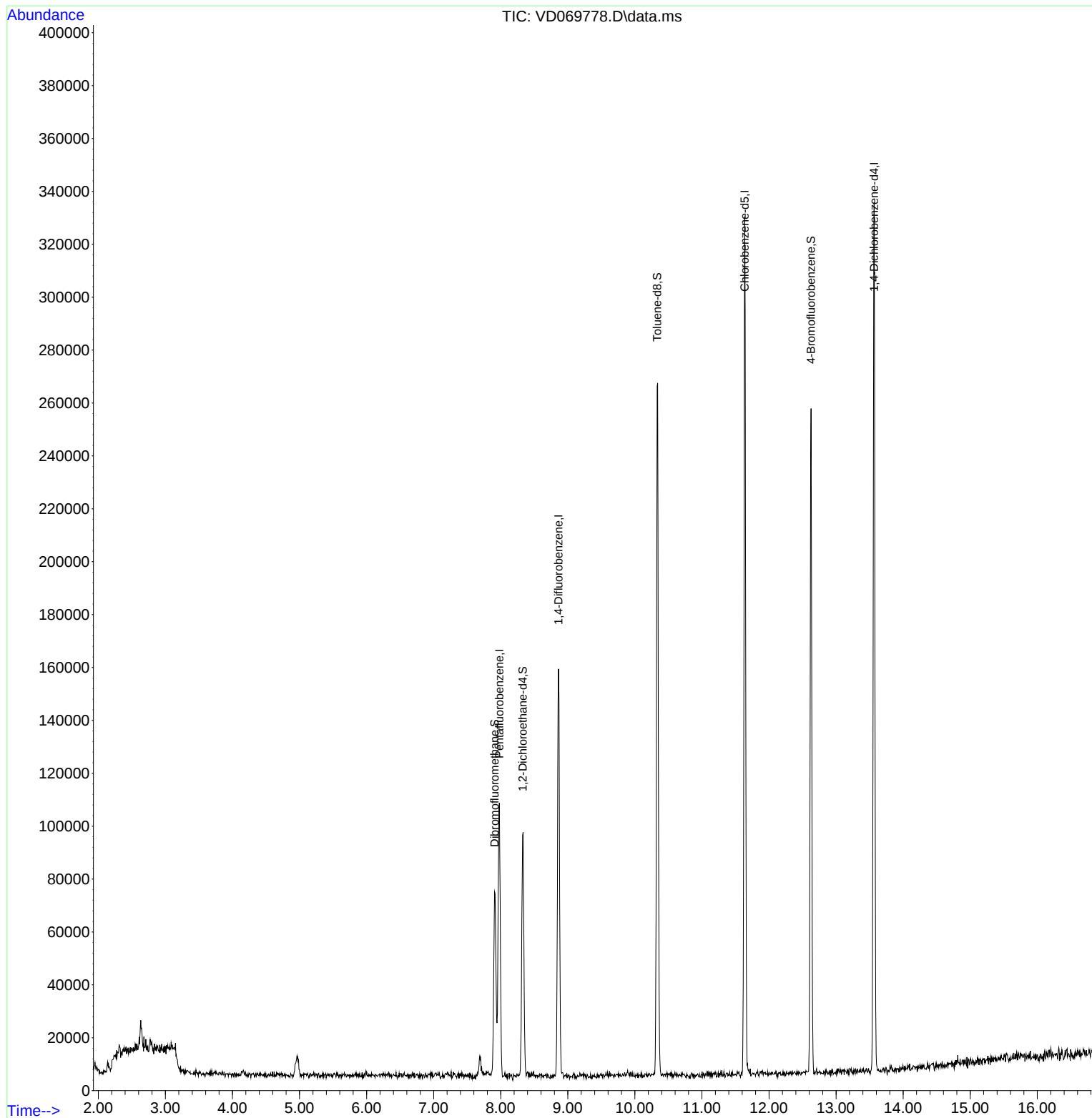
Target Compounds	Qvalue

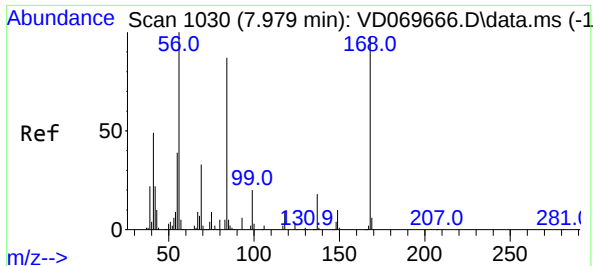
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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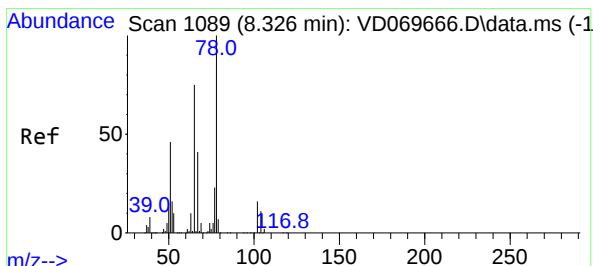
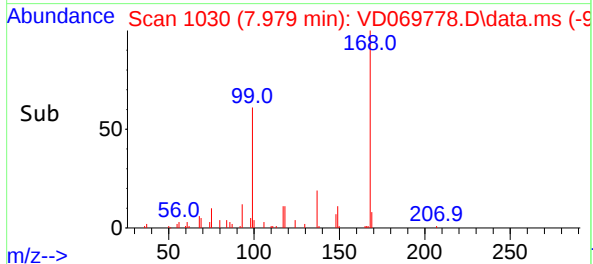
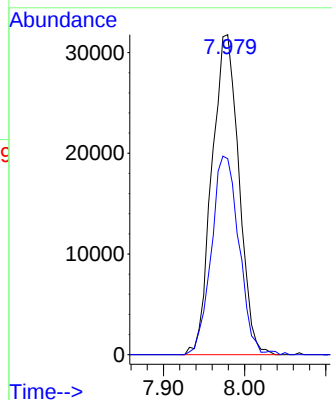
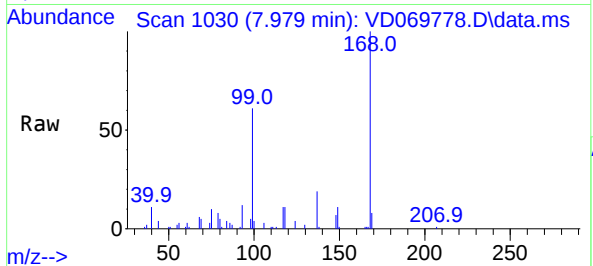




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069778.D
Acq: 20 Jul 2021 19:11

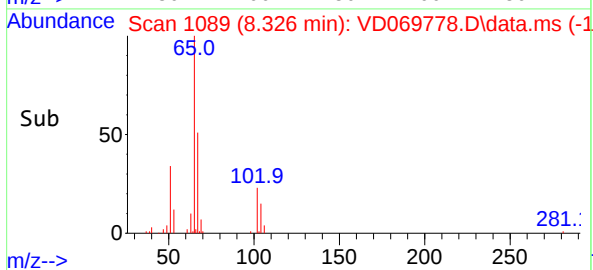
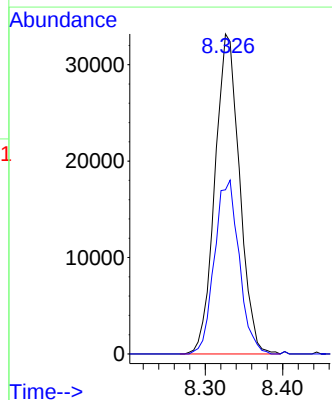
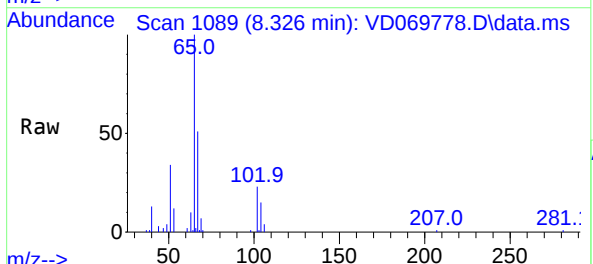
Instrument :
MSVOA_D
ClientSampleId :
SB-02-9.0-9.5

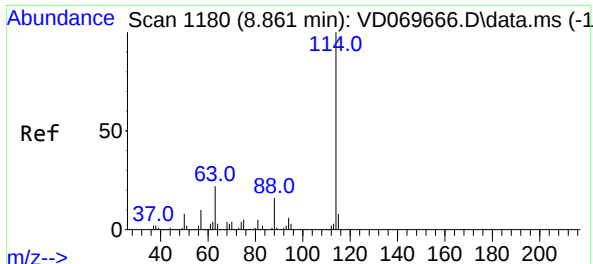
Tgt Ion:168 Resp: 73405
Ion Ratio Lower Upper
168 100
99 61.2 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 80.015 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069778.D
Acq: 20 Jul 2021 19:11

Tgt Ion: 65 Resp: 73338
Ion Ratio Lower Upper
65 100
67 54.4 0.0 107.2



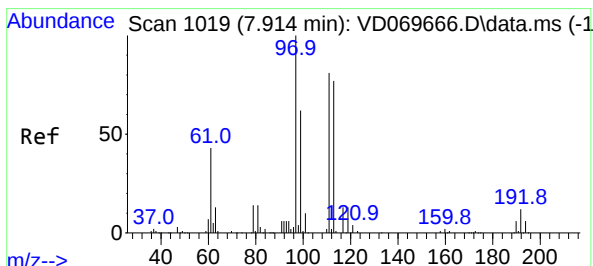
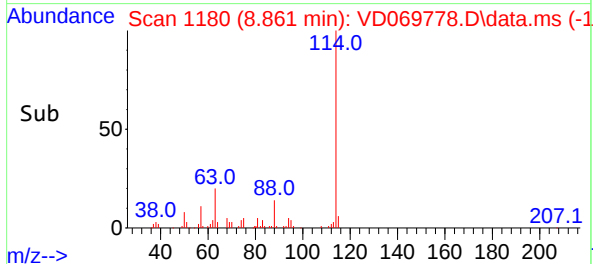
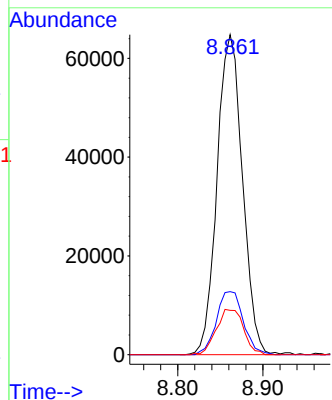
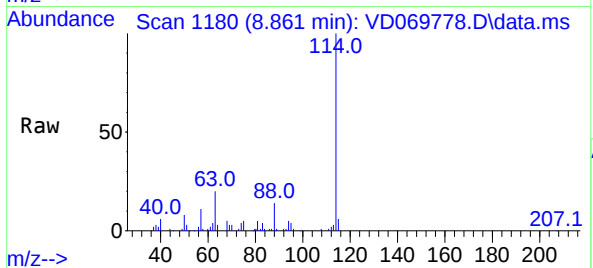


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069778.D
Acq: 20 Jul 2021 19:11

Instrument :
MSVOA_D
ClientSampleId :
SB-02-9.0-9.5

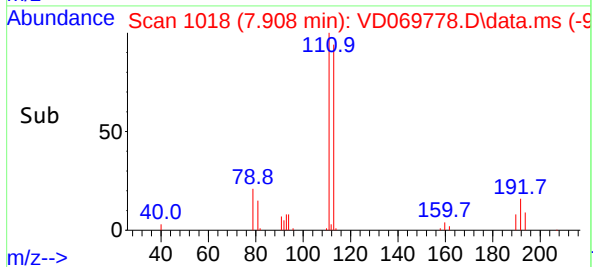
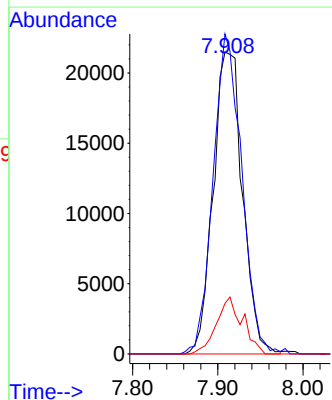
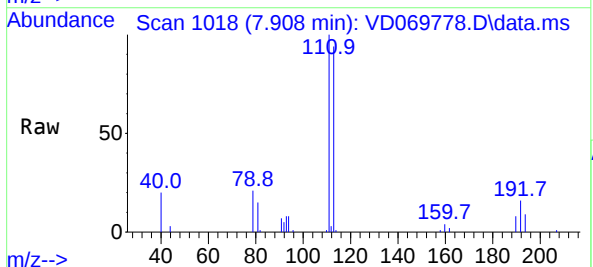
Tgt Ion:	114	Resp:	134105
Ion Ratio	Lower	Upper	
114	100		
63	19.7	0.0	43.4
88	13.9	0.0	32.0

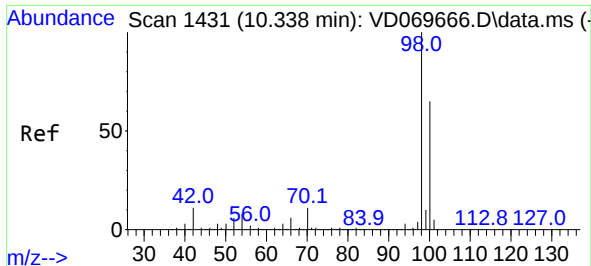


#35

Dibromofluoromethane
Concen: 57.376 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069778.D
Acq: 20 Jul 2021 19:11

Tgt Ion:	113	Resp:	51620
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.6	123.8
192	16.8	12.7	19.1

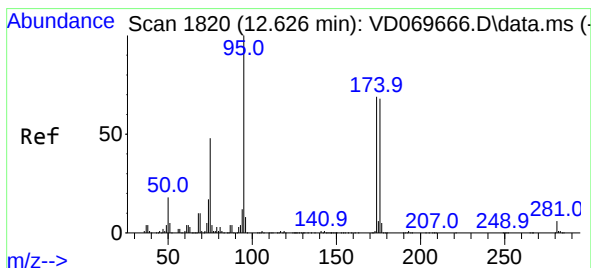
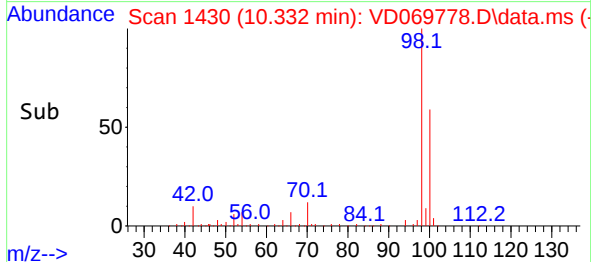
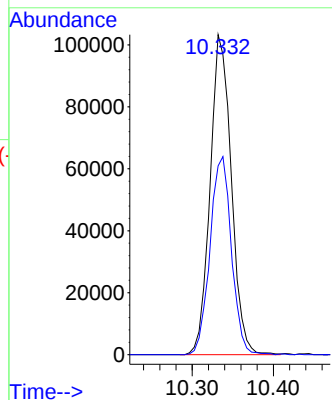
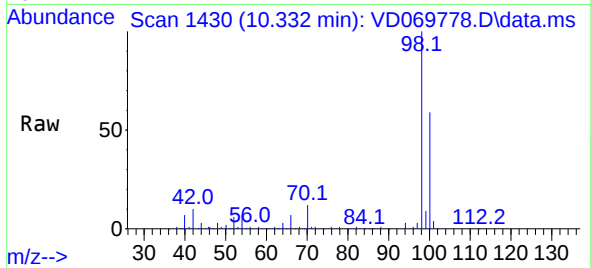




#50
Toluene-d8
Concen: 53.512 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD069778.D
Acq: 20 Jul 2021 19:11

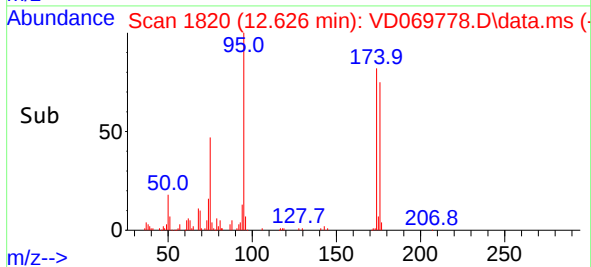
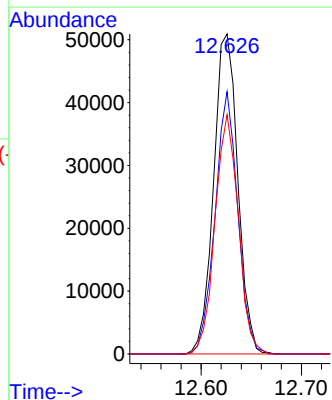
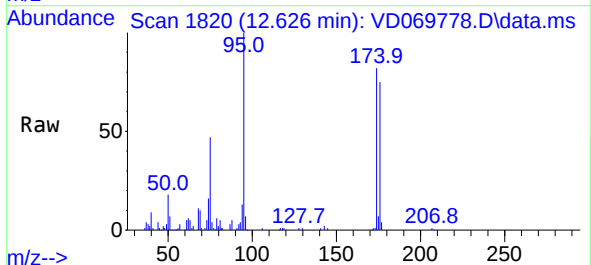
Instrument :
MSVOA_D
ClientSampleId :
SB-02-9.0-9.5

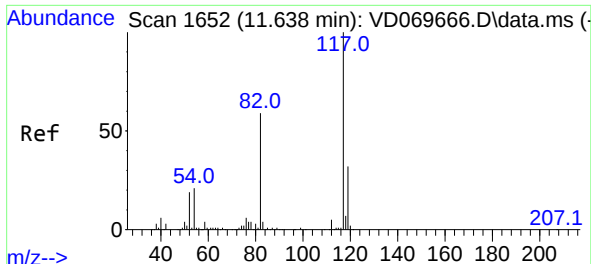
Tgt Ion: 98 Resp: 187038
Ion Ratio Lower Upper
98 100
100 62.6 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 73.246 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069778.D
Acq: 20 Jul 2021 19:11

Tgt Ion: 95 Resp: 85384
Ion Ratio Lower Upper
95 100
174 77.0 0.0 140.0
176 72.0 0.0 136.2

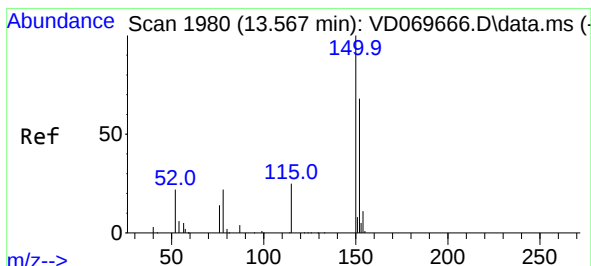
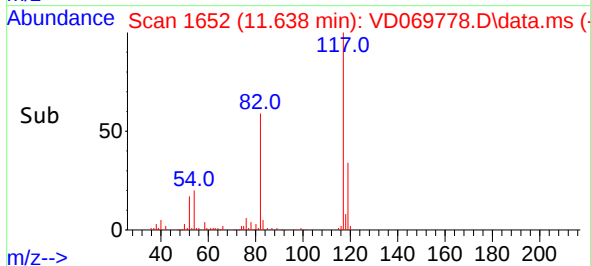
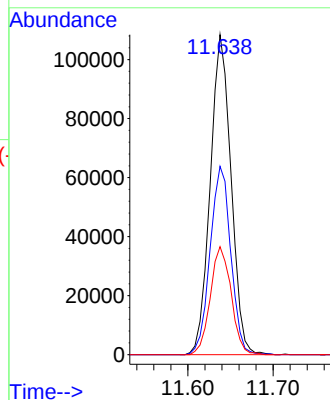
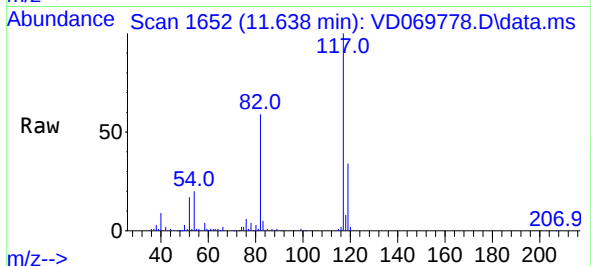




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069778.D
Acq: 20 Jul 2021 19:11

Instrument :
MSVOA_D
ClientSampleId :
SB-02-9.0-9.5

Tgt Ion:117 Resp: 184057
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 33.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069778.D
Acq: 20 Jul 2021 19:11

Tgt Ion:152 Resp: 90845
Ion Ratio Lower Upper
152 100
115 61.8 31.7 95.1
150 156.0 0.0 350.4

