

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052021\
 Data File : VD069215.D
 Acq On : 20 May 2021 13:31
 Operator : VA/SY
 Sample : M2469-02
 Misc : 7.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2(8.0-8.5)

Quant Time: May 21 00:53:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	191750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	389938	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	410084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	176967	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	139305	72.47	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.94%
35) Dibromofluoromethane	7.914	113	146136	57.59	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.18%
50) Toluene-d8	10.338	98	535090	57.39	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.78%
62) 4-Bromofluorobenzene	12.632	95	171855	57.28	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.56%

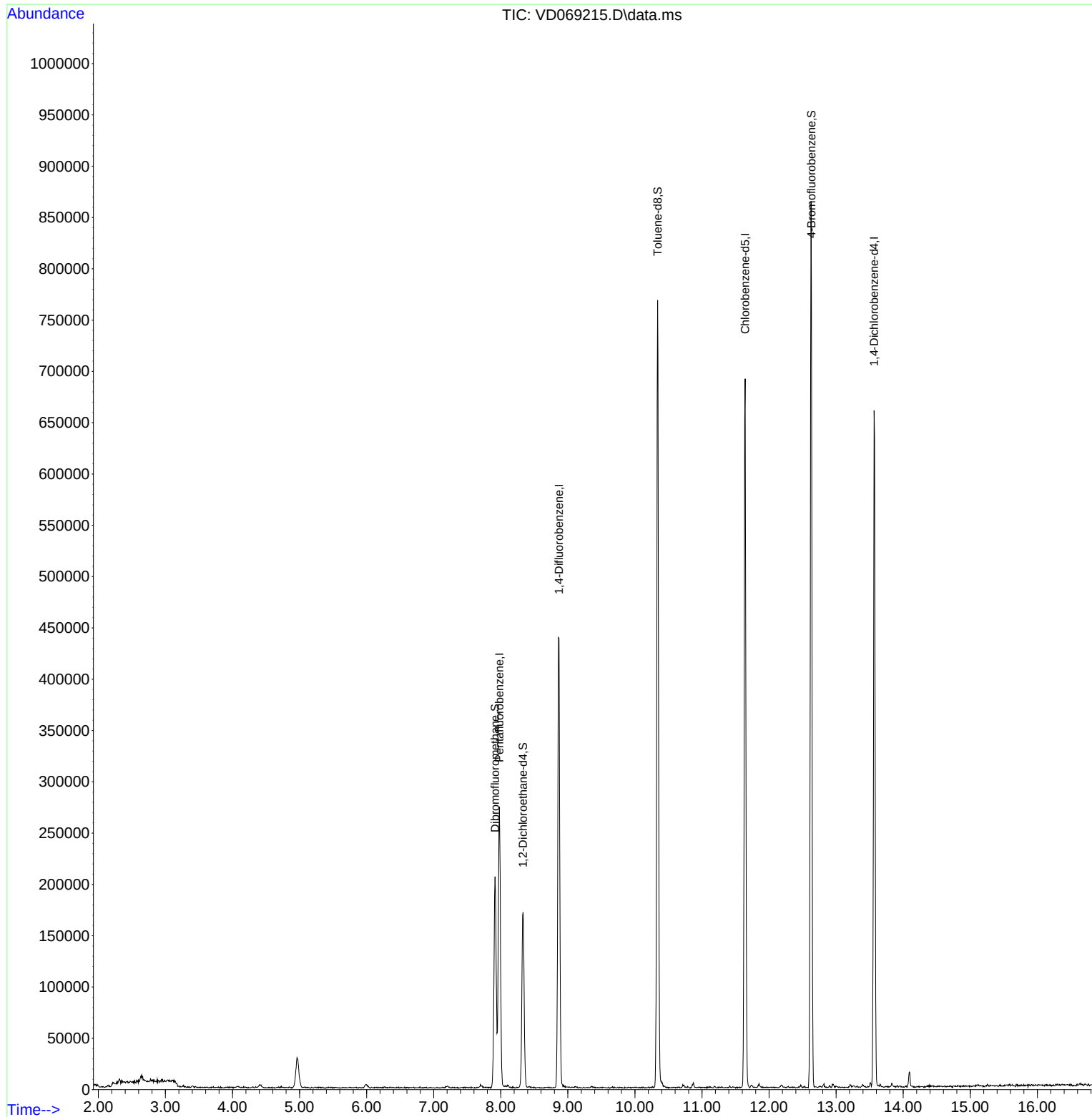
Target Compounds	Qvalue
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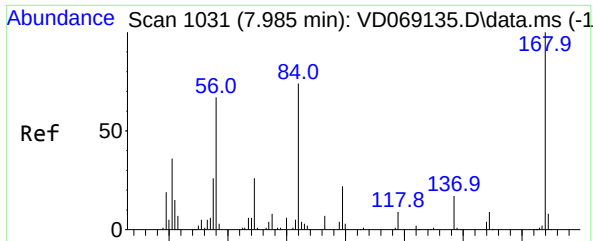
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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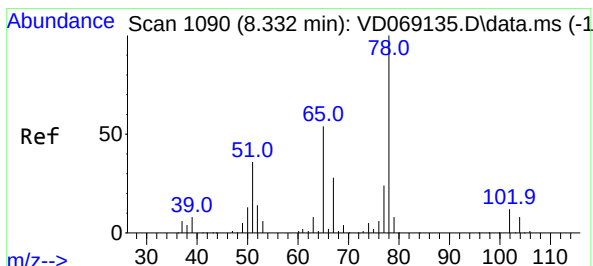
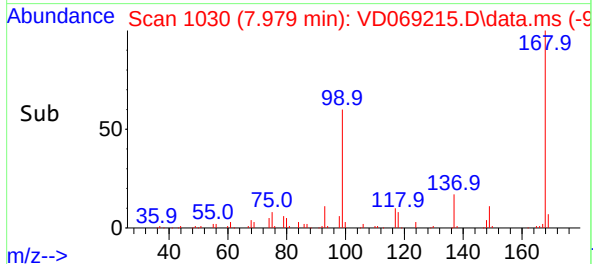
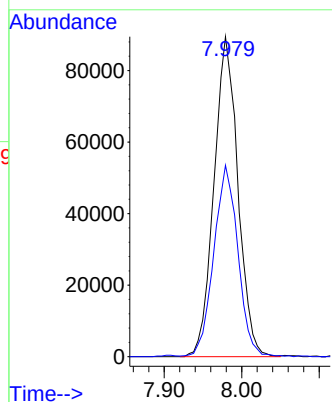
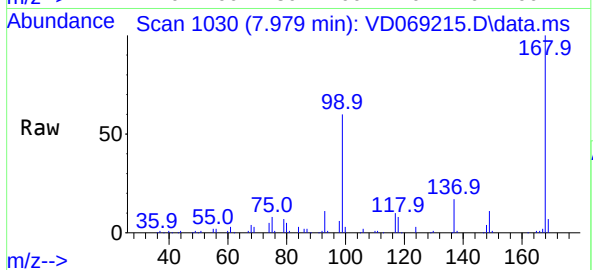




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069215.D
Acq: 20 May 2021 13:31

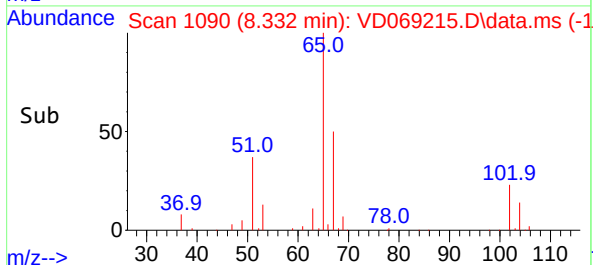
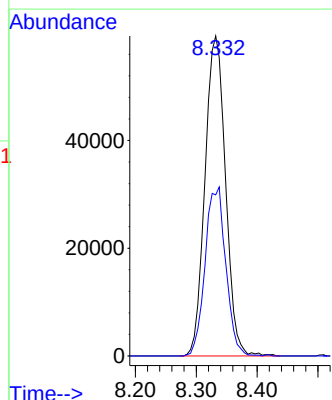
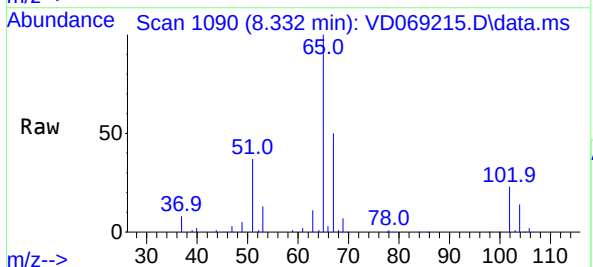
Instrument :
MSVOA_D
ClientSampleId :
SB-2(8.0-8.5)

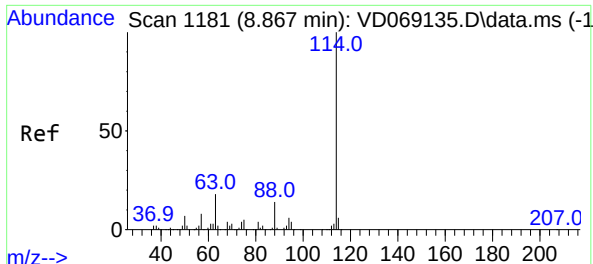
Tgt Ion:168 Resp: 191750
Ion Ratio Lower Upper
168 100
99 59.6 47.2 70.8



#33
1,2-Dichloroethane-d4
Concen: 72.47 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069215.D
Acq: 20 May 2021 13:31

Tgt Ion: 65 Resp: 139305
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.0





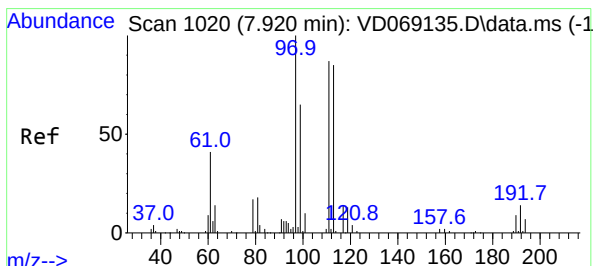
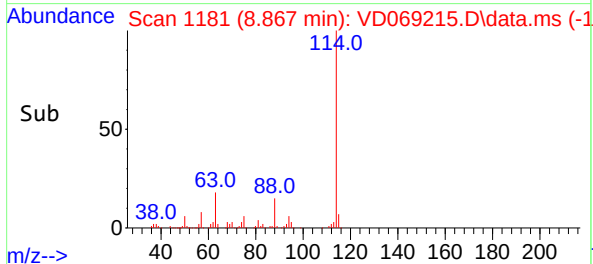
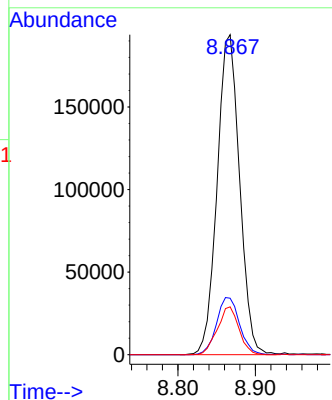
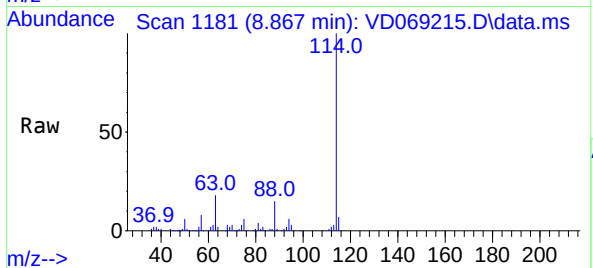
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069215.D
Acq: 20 May 2021 13:31

Instrument :
MSVOA_D
ClientSampleId :
SB-2(8.0-8.5)

Tgt Ion:114 Resp: 389938

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	36.4
88	15.0	0.0	28.2

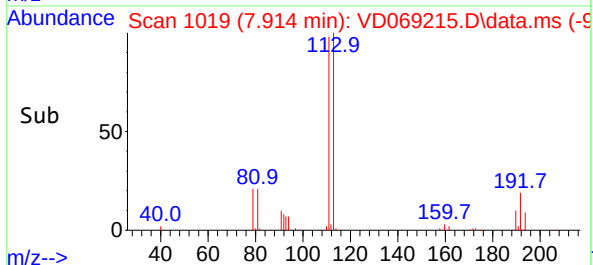
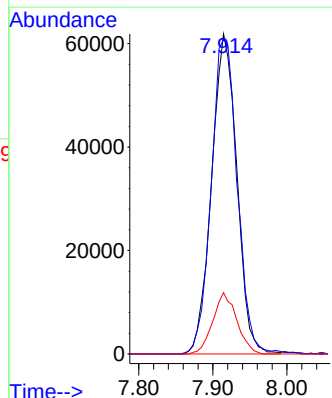
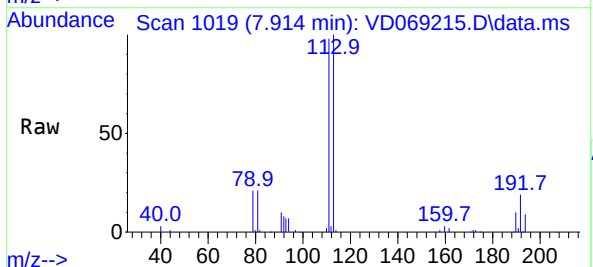


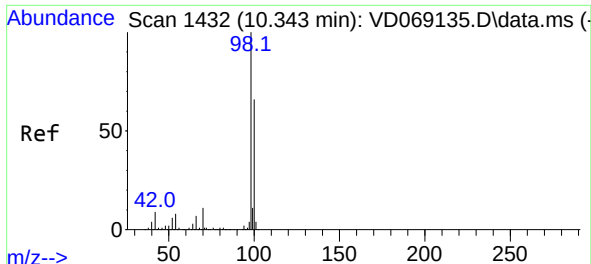
#35

Dibromofluoromethane
Concen: 57.59 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069215.D
Acq: 20 May 2021 13:31

Tgt Ion:113 Resp: 146136

Ion	Ratio	Lower	Upper
113	100		
111	102.0	80.6	120.8
192	18.2	14.8	22.2

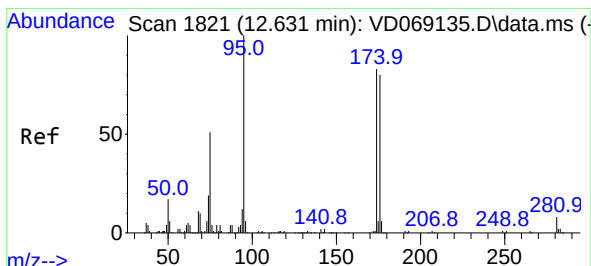
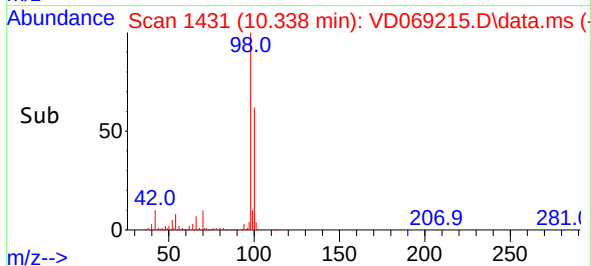
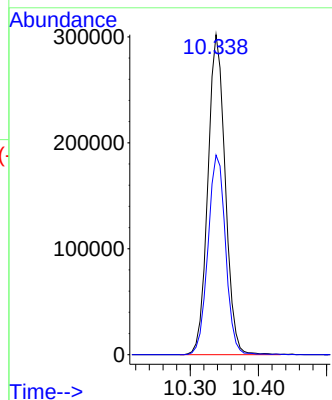
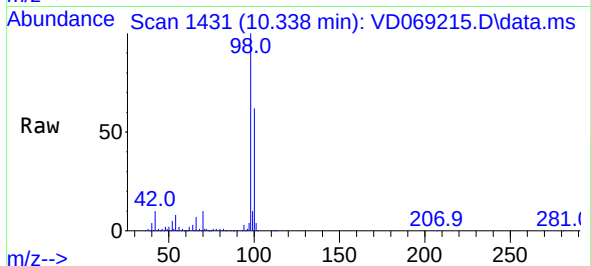




#50
Toluene-d8
Concen: 57.39 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069215.D
Acq: 20 May 2021 13:31

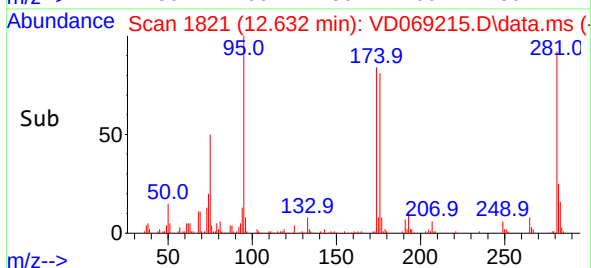
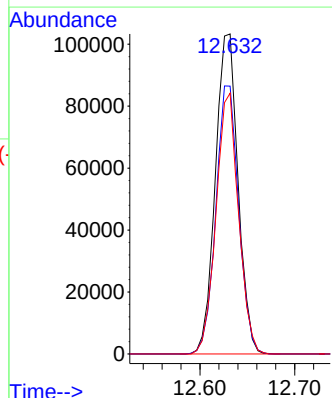
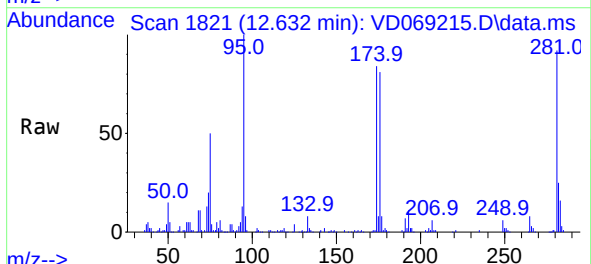
Instrument :
MSVOA_D
ClientSampleId :
SB-2(8.0-8.5)

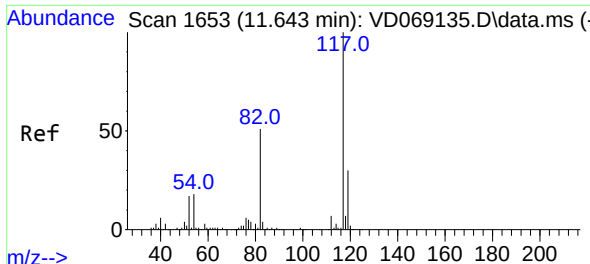
Tgt Ion: 98 Resp: 535090
Ion Ratio Lower Upper
98 100
100 63.2 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 57.28 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069215.D
Acq: 20 May 2021 13:31

Tgt Ion: 95 Resp: 171855
Ion Ratio Lower Upper
95 100
174 84.1 0.0 171.8
176 80.7 0.0 165.4

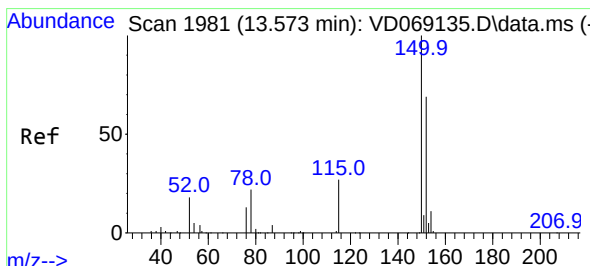
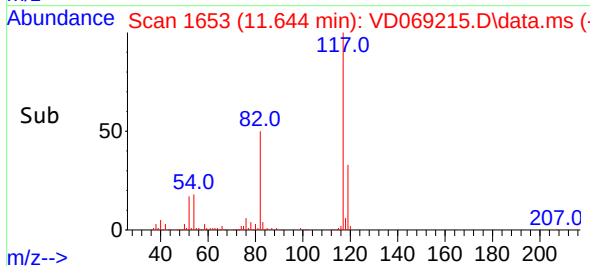
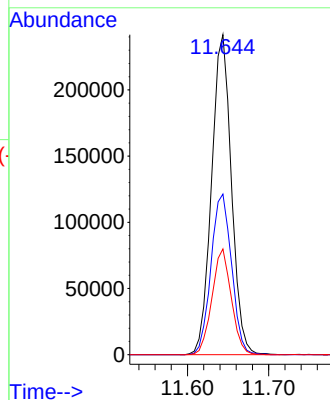
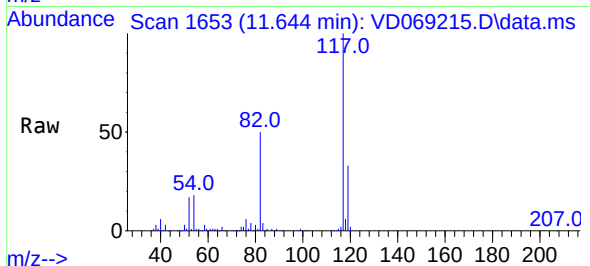




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069215.D
Acq: 20 May 2021 13:31

Instrument :
MSVOA_D
ClientSampleId :
SB-2(8.0-8.5)

Tgt Ion:117 Resp: 410084
Ion Ratio Lower Upper
117 100
82 50.2 40.5 60.7
119 33.0 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069215.D
Acq: 20 May 2021 13:31

Tgt Ion:152 Resp: 176967
Ion Ratio Lower Upper
152 100
115 59.2 29.9 89.8
150 161.3 0.0 350.2

