

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052521\
 Data File : VD069267.D
 Acq On : 25 May 2021 11:56
 Operator : VA/SY
 Sample : VD0525SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0525SBL01

Quant Time: May 26 01:03:48 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	208195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	381160	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	365468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	150765	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	128710	61.67	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.34%
35) Dibromofluoromethane	7.914	113	135502	54.63	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.26%
50) Toluene-d8	10.337	98	492256	54.01	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.02%
62) 4-Bromofluorobenzene	12.626	95	127756	43.56	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.12%

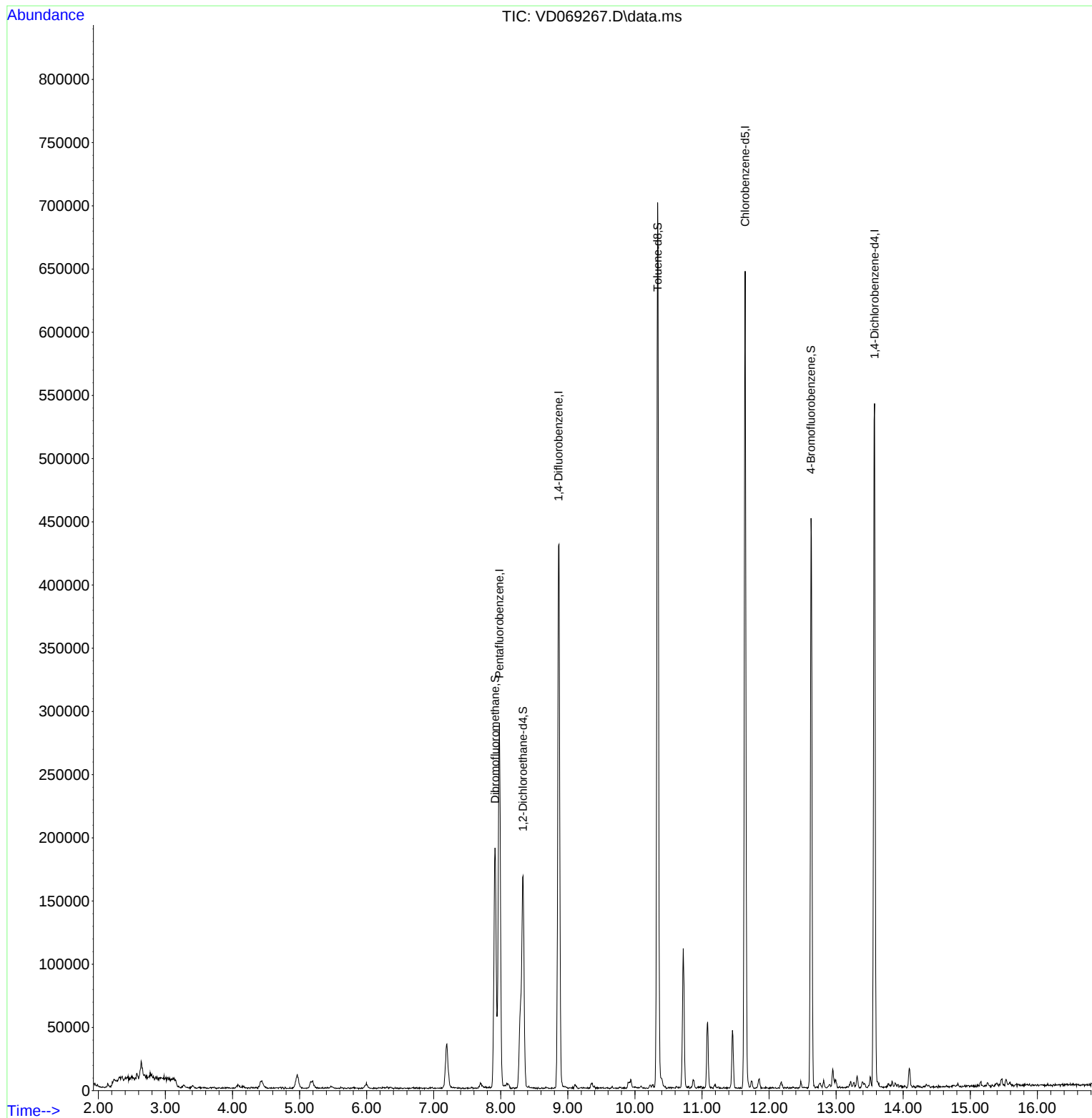
Target Compounds	Qvalue

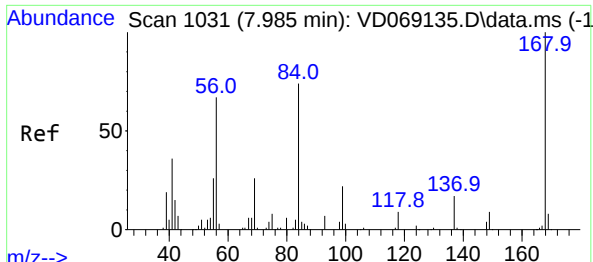
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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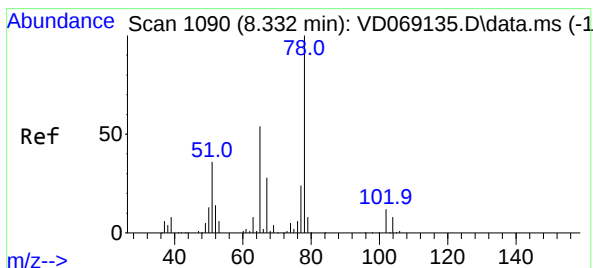
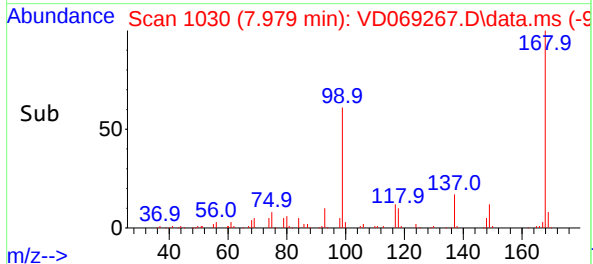
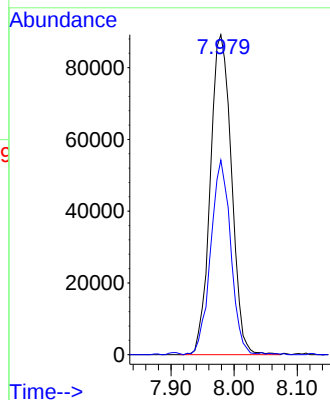
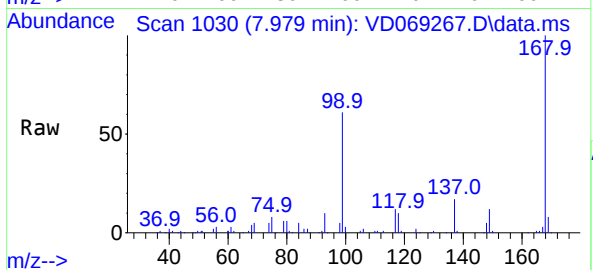




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069267.D
Acq: 25 May 2021 11:56

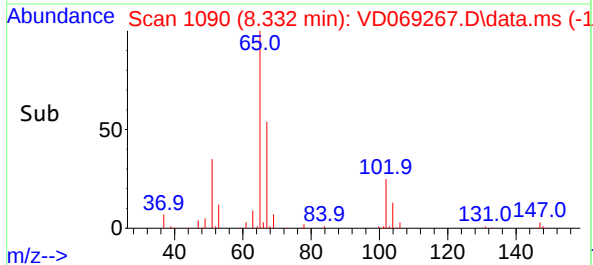
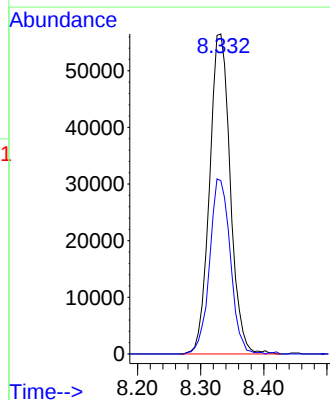
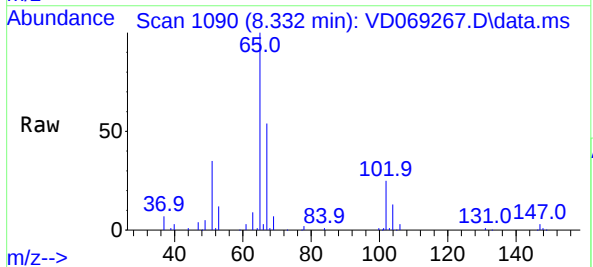
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBL01

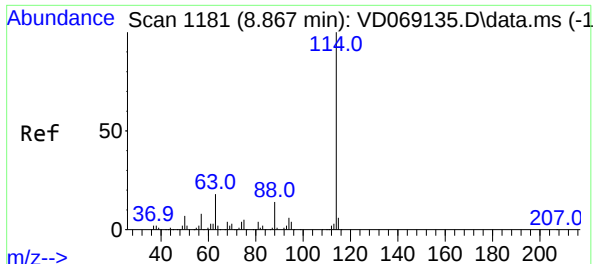
Tgt Ion:168 Resp: 208195
Ion Ratio Lower Upper
168 100
99 60.6 47.2 70.8



#33
1,2-Dichloroethane-d4
Concen: 61.67 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069267.D
Acq: 25 May 2021 11:56

Tgt Ion: 65 Resp: 128710
Ion Ratio Lower Upper
65 100
67 54.7 0.0 108.0





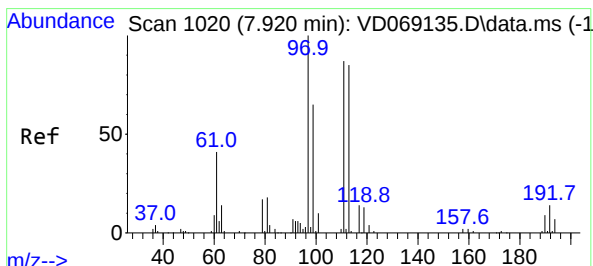
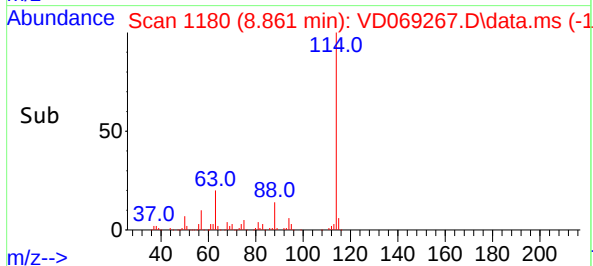
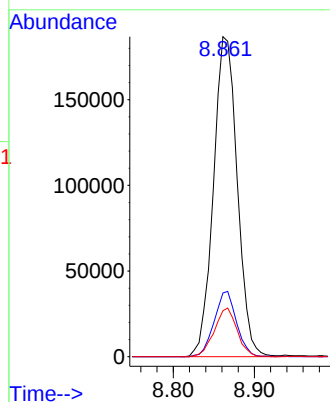
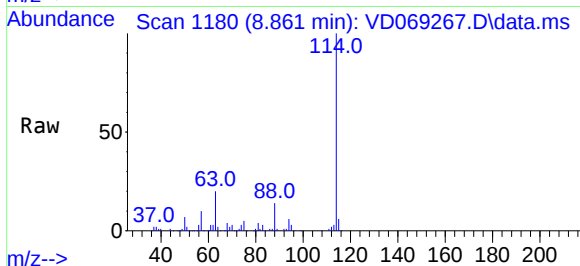
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069267.D
Acq: 25 May 2021 11:56

Instrument :
MSVOA_D
ClientSampleId :
VD0525SBL01

Tgt Ion:114 Resp: 381160

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	36.4
88	14.3	0.0	28.2

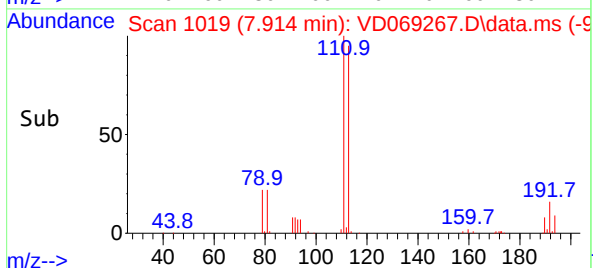
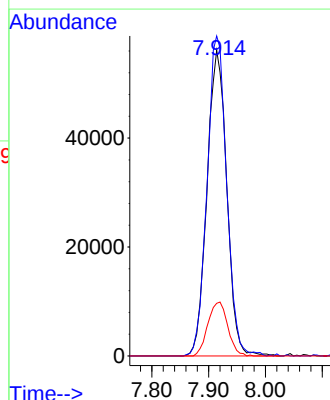
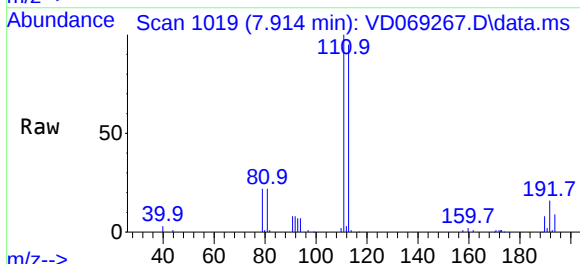


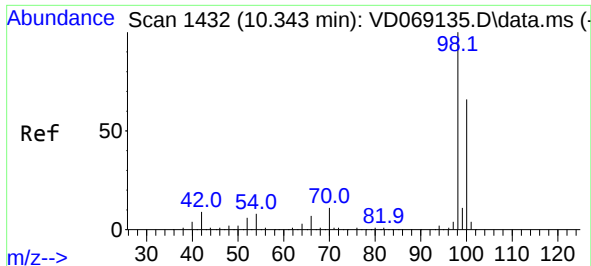
#35

Dibromofluoromethane
Concen: 54.63 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069267.D
Acq: 25 May 2021 11:56

Tgt Ion:113 Resp: 135502

Ion	Ratio	Lower	Upper
113	100		
111	103.6	80.6	120.8
192	17.7	14.8	22.2

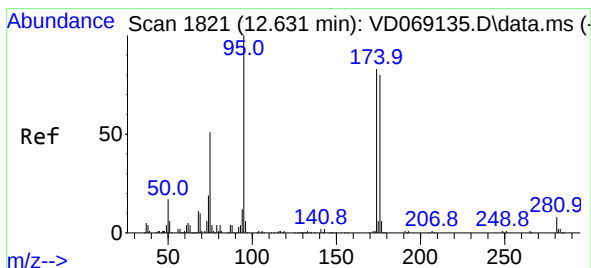
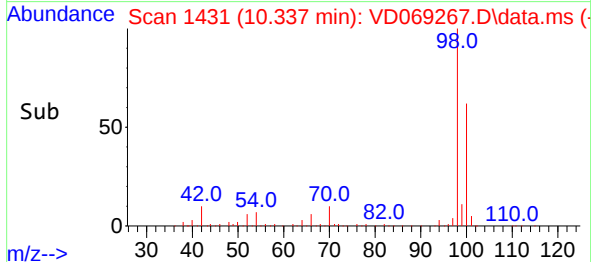
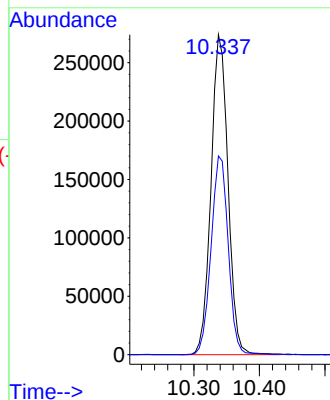
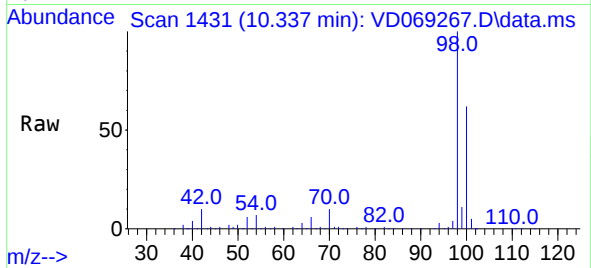




#50
Toluene-d8
Concen: 54.01 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069267.D
Acq: 25 May 2021 11:56

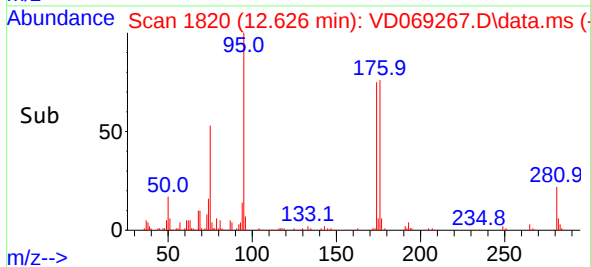
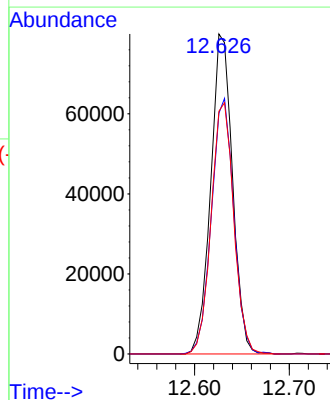
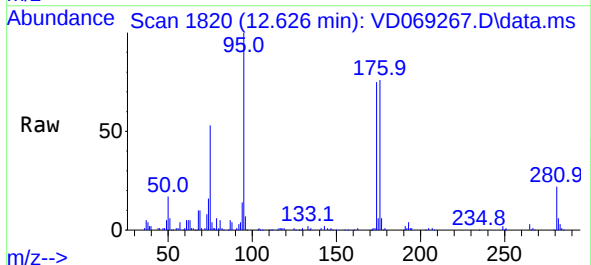
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBL01

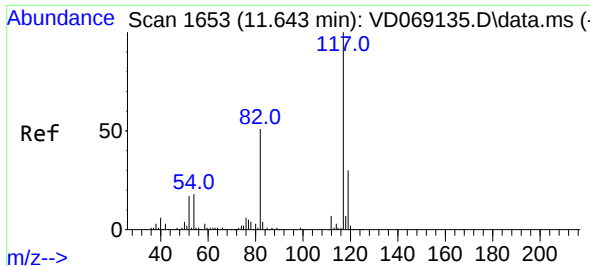
Tgt Ion: 98 Resp: 492256
Ion Ratio Lower Upper
98 100
100 62.8 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 43.56 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069267.D
Acq: 25 May 2021 11:56

Tgt Ion: 95 Resp: 127756
Ion Ratio Lower Upper
95 100
174 81.8 0.0 171.8
176 81.3 0.0 165.4

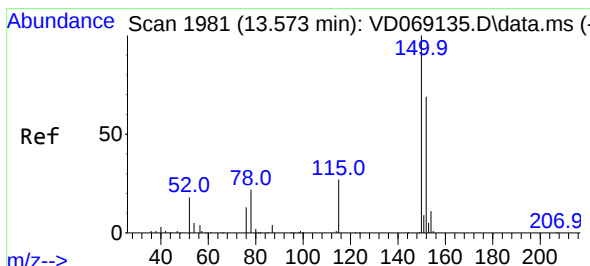
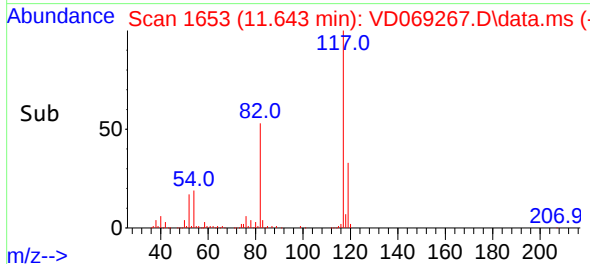
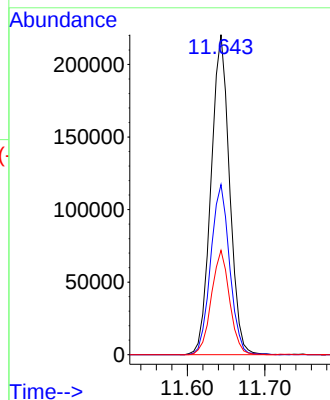
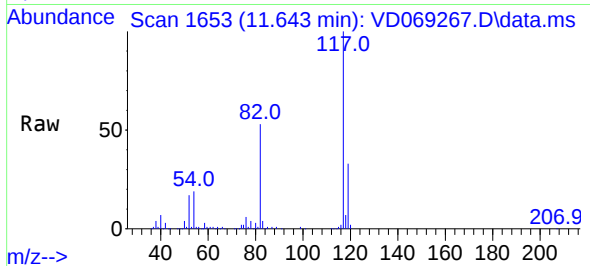




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069267.D
Acq: 25 May 2021 11:56

Instrument :
MSVOA_D
ClientSampleId :
VD0525SBL01

Tgt Ion:	117	Resp:	365468
Ion	Ratio	Lower	Upper
117	100		
82	53.1	40.5	60.7
119	32.6	24.2	36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069267.D
Acq: 25 May 2021 11:56

Tgt Ion:	152	Resp:	150765
Ion	Ratio	Lower	Upper
152	100		
115	57.7	29.9	89.8
150	155.7	0.0	350.2

