

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
 Data File : VD069197.D
 Acq On : 19 May 2021 15:29
 Operator : VA/SY
 Sample : M2437-01
 Misc : 4.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: May 20 01:01:44 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	195890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	393201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	369600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	158700	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	141354	71.98	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.96%
35) Dibromofluoromethane	7.914	113	146501	57.25	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.50%
50) Toluene-d8	10.338	98	494990	52.65	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.30%
62) 4-Bromofluorobenzene	12.626	95	160789	53.15	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.30%

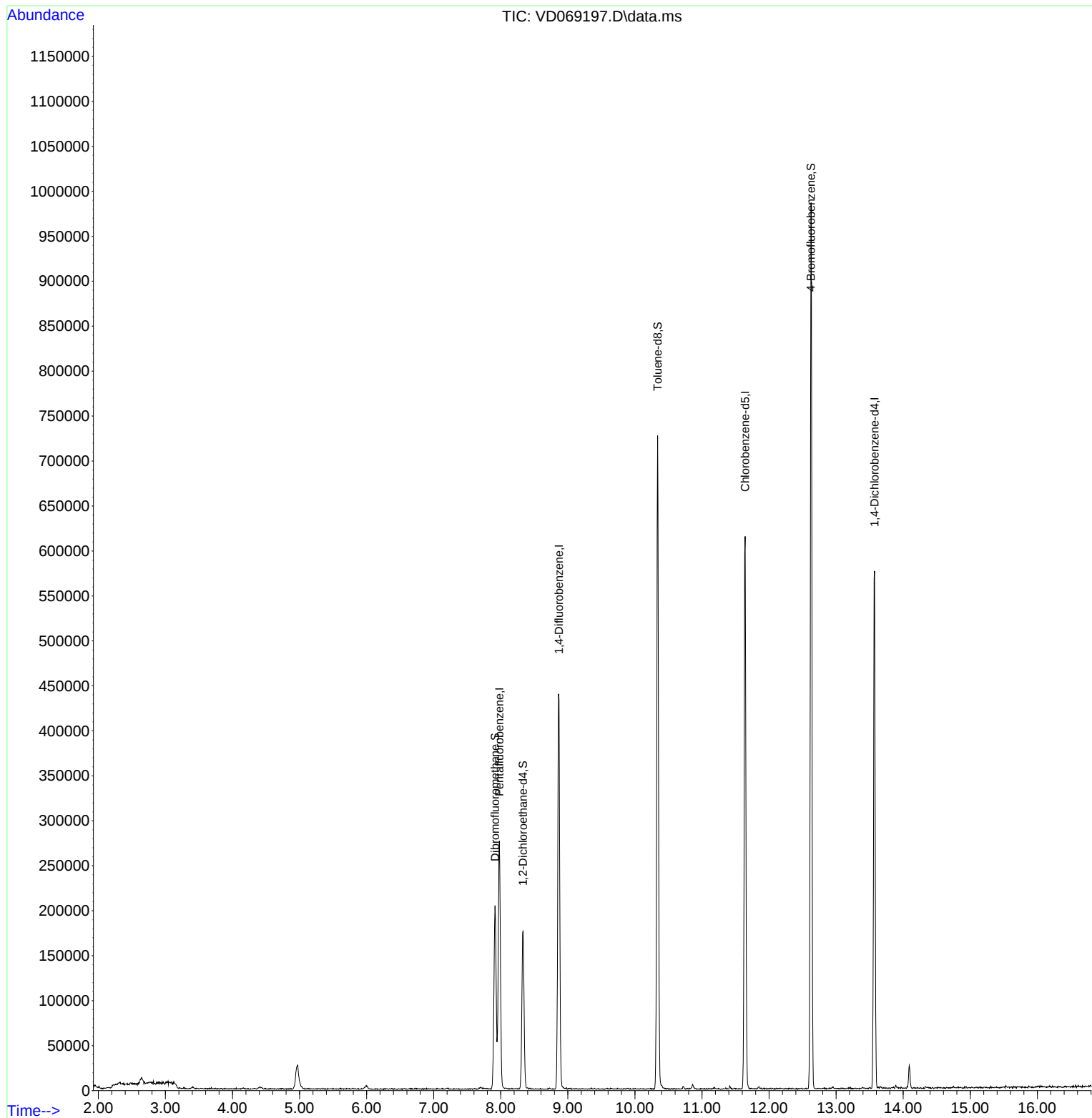
Target Compounds	Qvalue

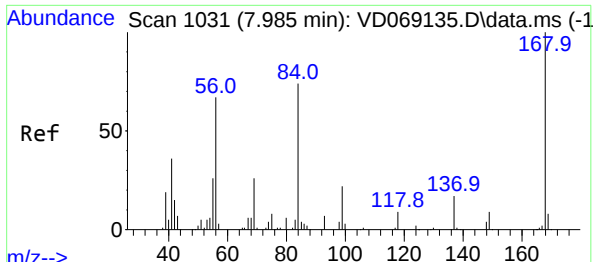
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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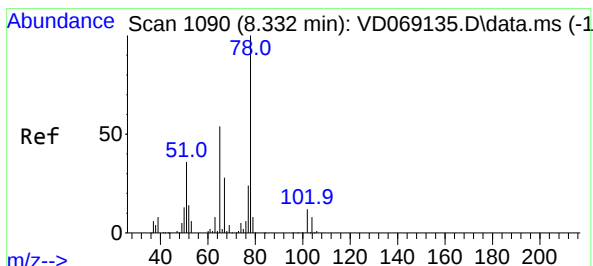
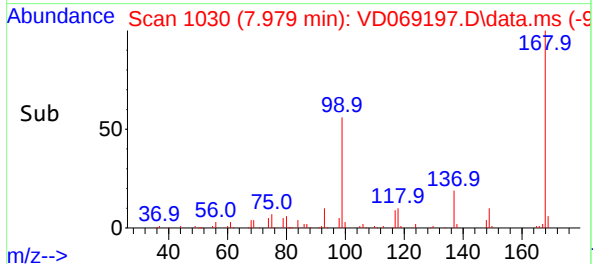
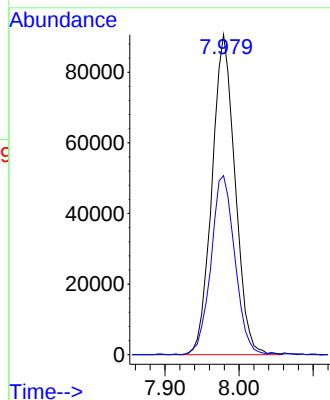
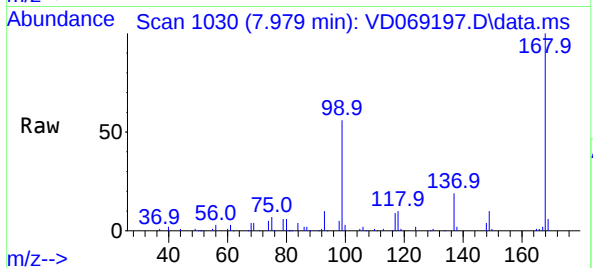




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069197.D
Acq: 19 May 2021 15:29

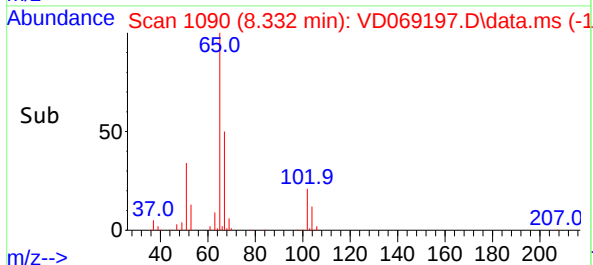
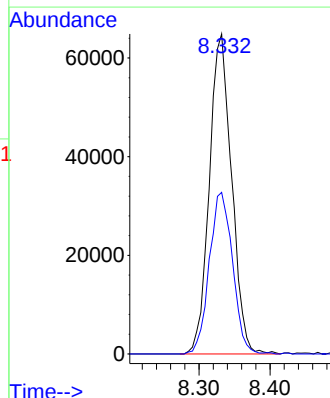
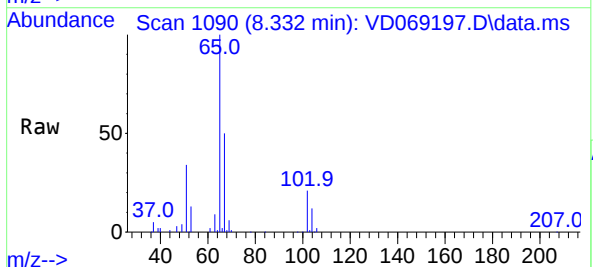
Instrument :
MSVOA_D
ClientSampled :
TP-1

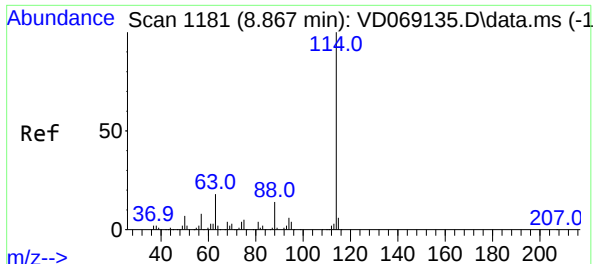
Tgt Ion:168 Resp: 195890
Ion Ratio Lower Upper
168 100
99 55.9 47.2 70.8



#33
1,2-Dichloroethane-d4
Concen: 71.98 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069197.D
Acq: 19 May 2021 15:29

Tgt Ion: 65 Resp: 141354
Ion Ratio Lower Upper
65 100
67 52.6 0.0 108.0





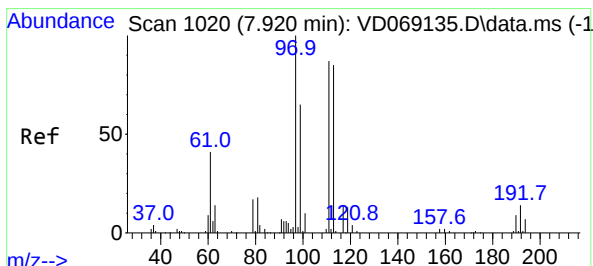
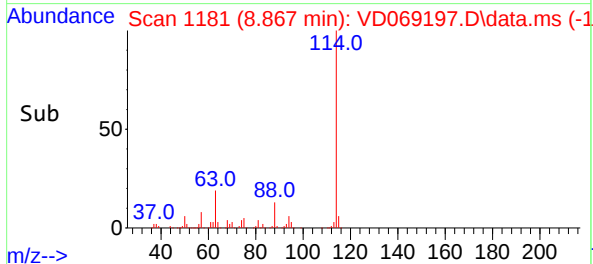
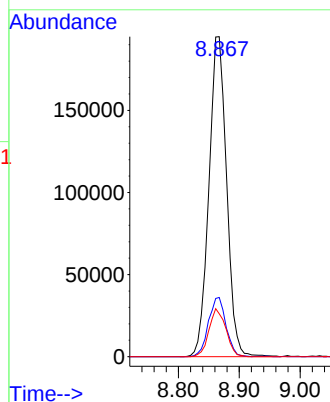
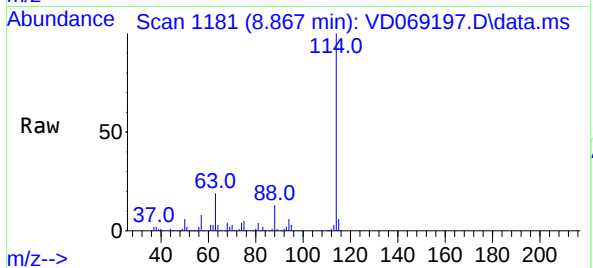
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069197.D
Acq: 19 May 2021 15:29

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion:114 Resp: 393201

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	36.4
88	13.4	0.0	28.2

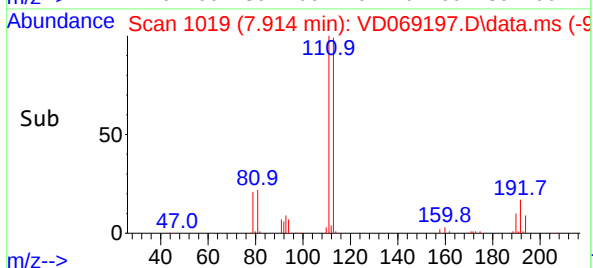
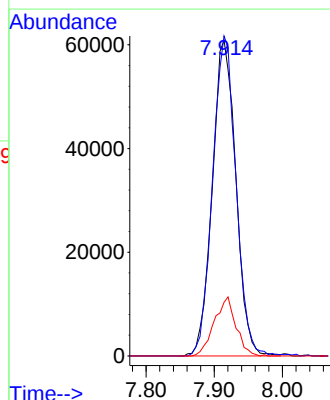
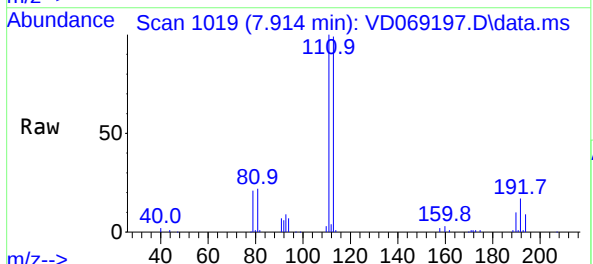


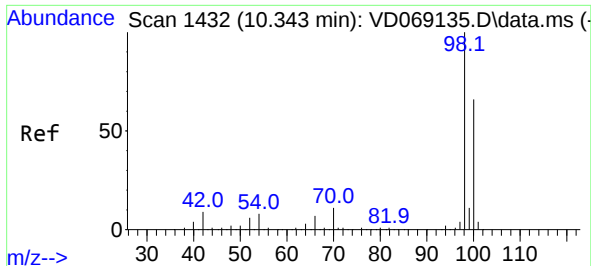
#35

Dibromofluoromethane
Concen: 57.25 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069197.D
Acq: 19 May 2021 15:29

Tgt Ion:113 Resp: 146501

Ion	Ratio	Lower	Upper
113	100		
111	100.6	80.6	120.8
192	17.2	14.8	22.2

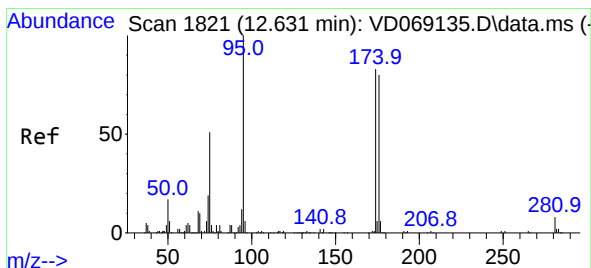
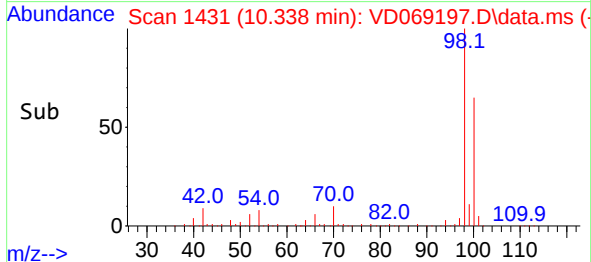
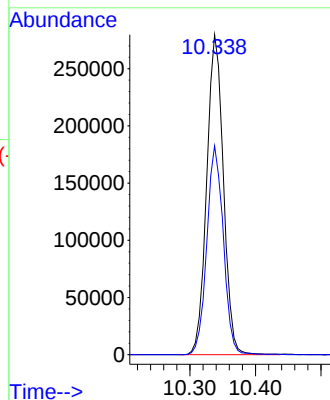
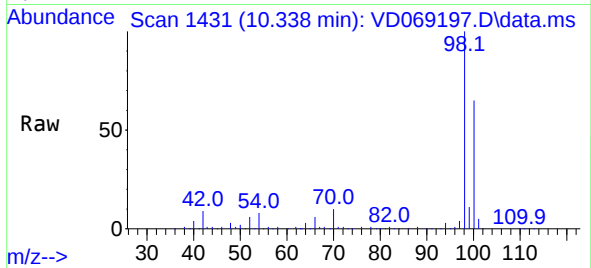




#50
Toluene-d8
Concen: 52.65 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069197.D
Acq: 19 May 2021 15:29

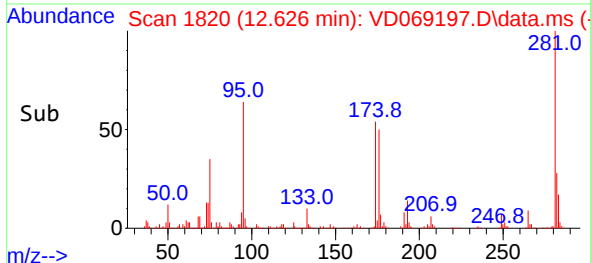
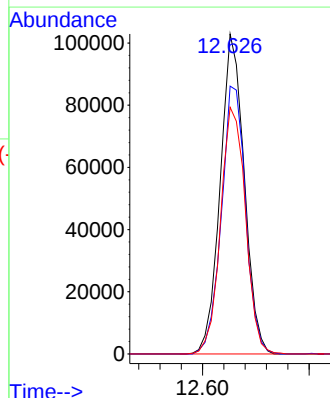
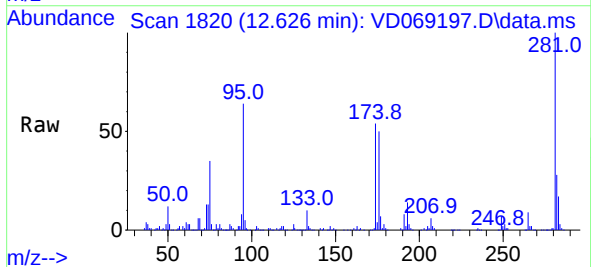
Instrument :
MSVOA_D
ClientSampleId :
TP-1

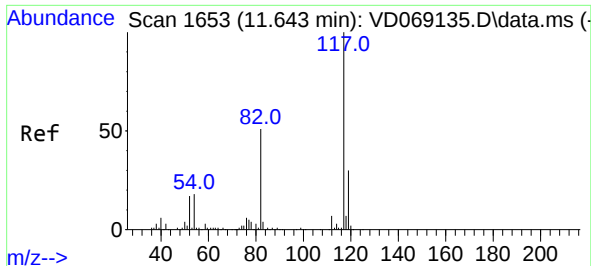
Tgt Ion: 98 Resp: 494990
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 53.15 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069197.D
Acq: 19 May 2021 15:29

Tgt Ion: 95 Resp: 160789
Ion Ratio Lower Upper
95 100
174 84.3 0.0 171.8
176 79.8 0.0 165.4

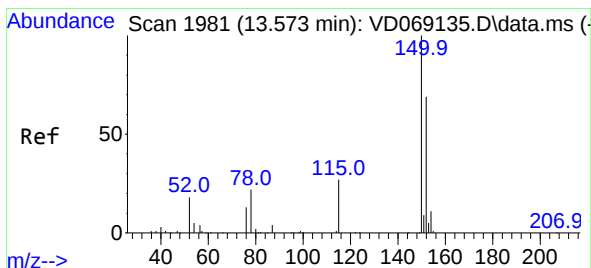
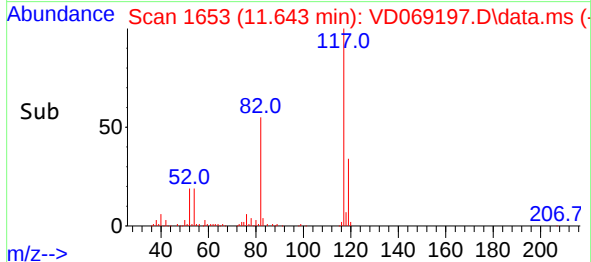
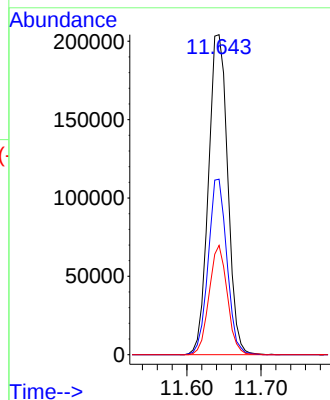
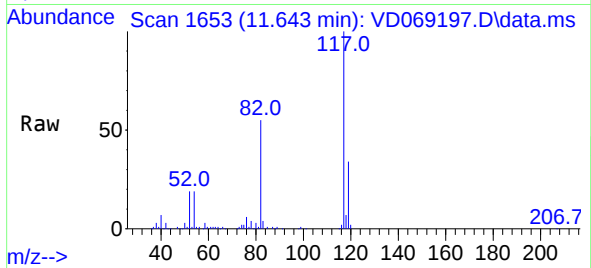




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069197.D
Acq: 19 May 2021 15:29

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 369600
Ion Ratio Lower Upper
117 100
82 54.9 40.5 60.7
119 34.1 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: VD069197.D
Acq: 19 May 2021 15:29

Tgt Ion:152 Resp: 158700
Ion Ratio Lower Upper
152 100
115 56.1 29.9 89.8
150 153.2 0.0 350.2

