

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052521\
 Data File : VD069272.D
 Acq On : 25 May 2021 14:25
 Operator : VA/SY
 Sample : M2503-01
 Misc : 6.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-052421

Quant Time: May 26 01:05:51 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	7.985	168	187470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	365976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	424360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	152815	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	133912	71.25	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.50%
35) Dibromofluoromethane	7.914	113	135562	56.92	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.84%
50) Toluene-d8	10.338	98	472555	54.00	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.00%
62) 4-Bromofluorobenzene	12.632	95	172999	61.44	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.88%

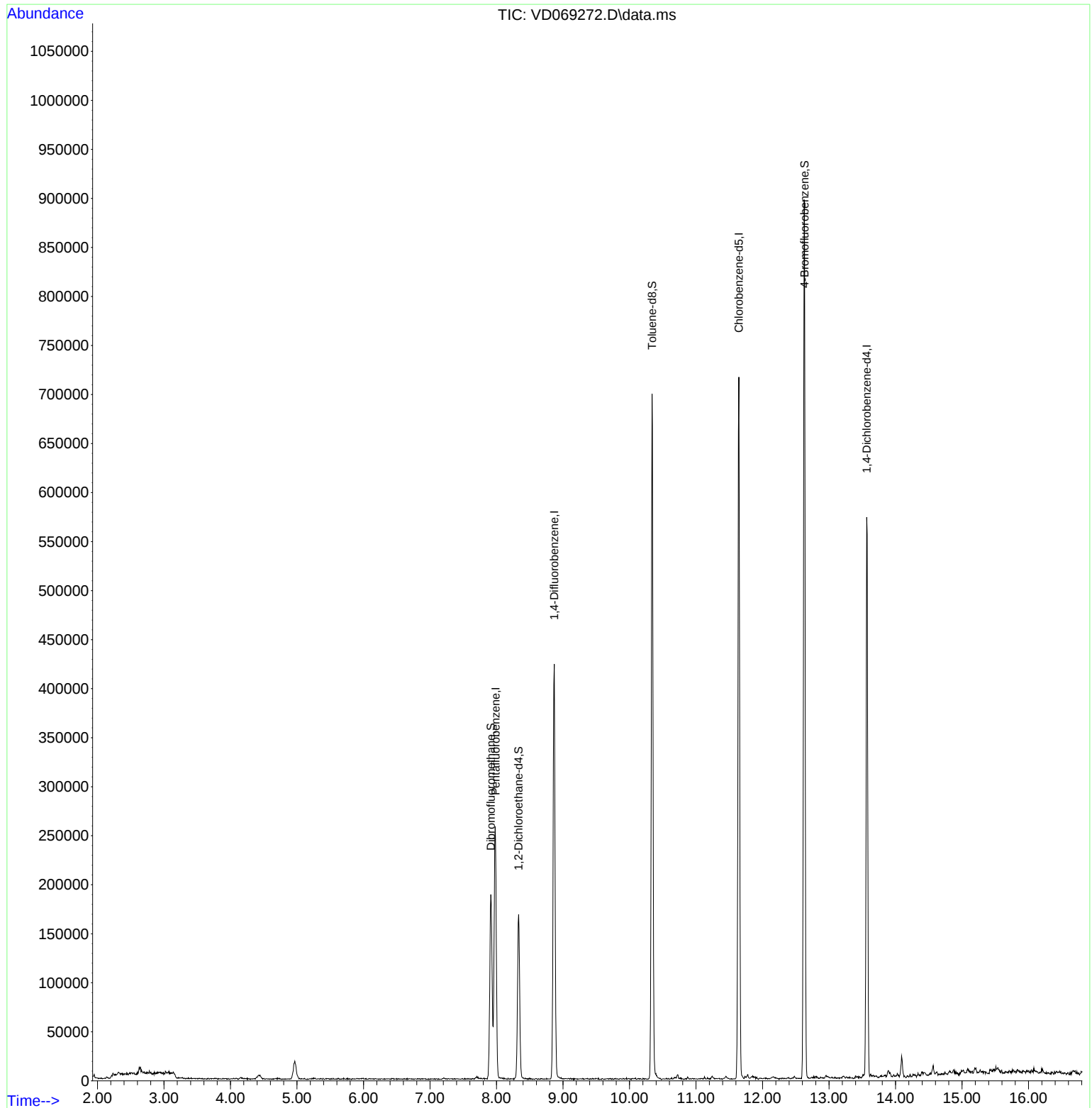
Target Compounds	Qvalue

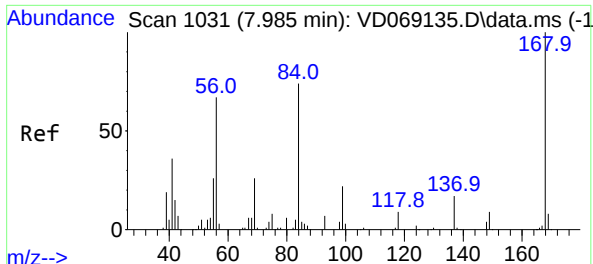
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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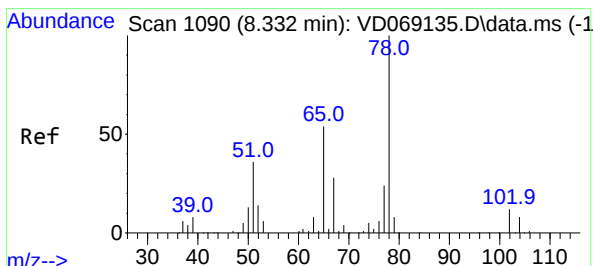
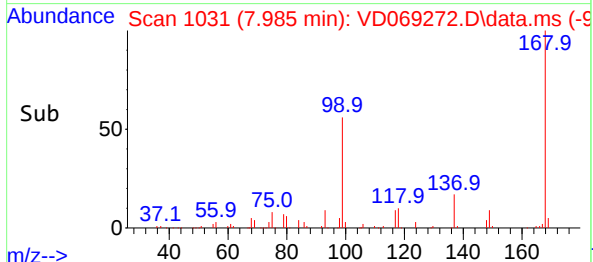
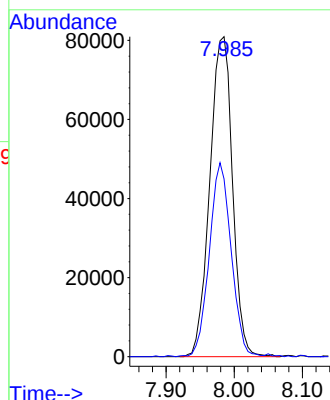
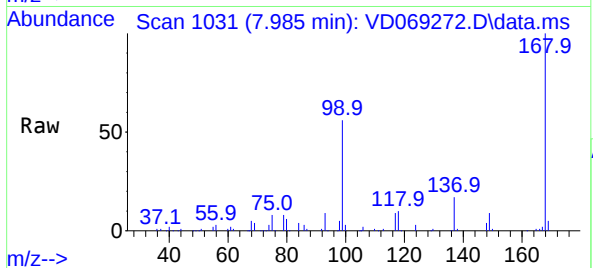




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.985 min Scan# 1031
 Delta R.T. -0.000 min
 Lab File: VD069272.D
 Acq: 25 May 2021 14:25

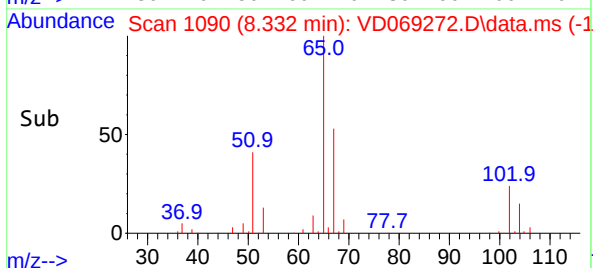
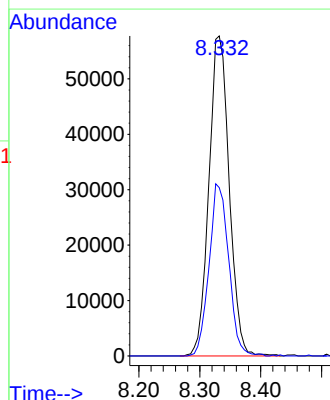
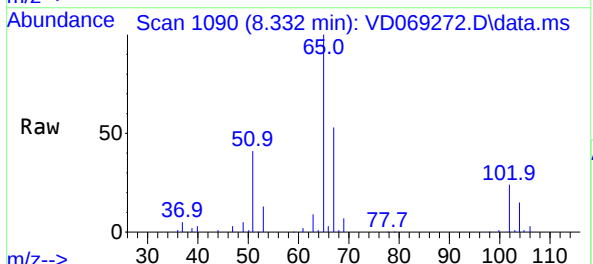
Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-052421

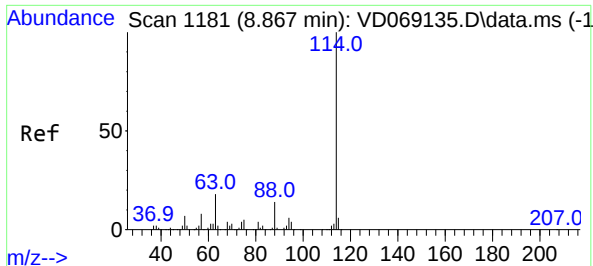
Tgt Ion:168 Resp: 187470
 Ion Ratio Lower Upper
 168 100
 99 55.3 47.2 70.8



1,2-Dichloroethane-d4
 Concen: 71.25 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VD069272.D
 Acq: 25 May 2021 14:25

Tgt Ion: 65 Resp: 133912
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 108.0



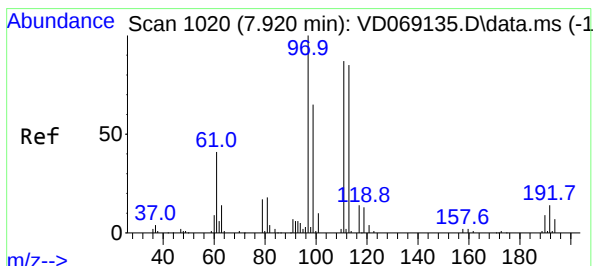
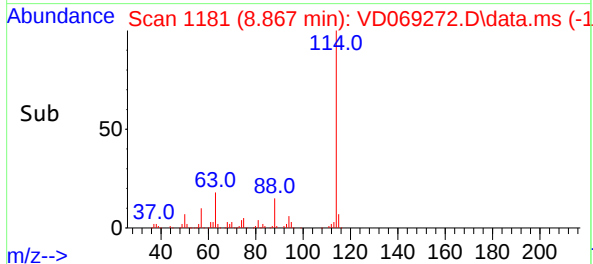
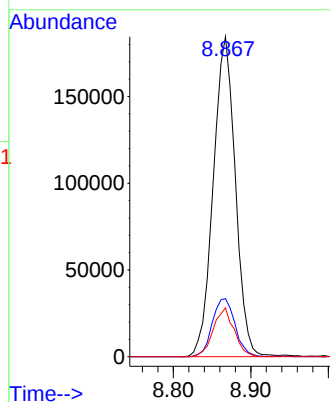
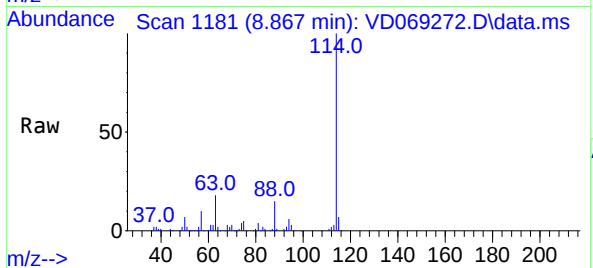


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069272.D
Acq: 25 May 2021 14:25

Instrument :
MSVOA_D
ClientSampleId :
OK-01-052421

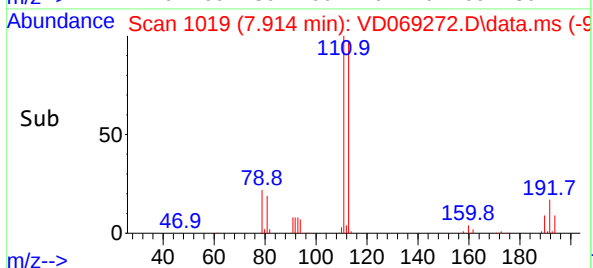
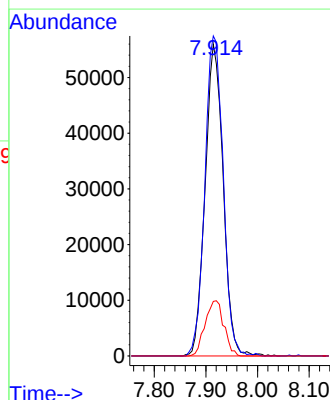
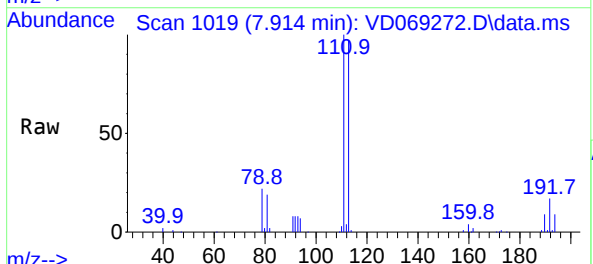
Tgt Ion:114 Resp: 365976
Ion Ratio Lower Upper
114 100
63 18.2 0.0 36.4
88 15.2 0.0 28.2

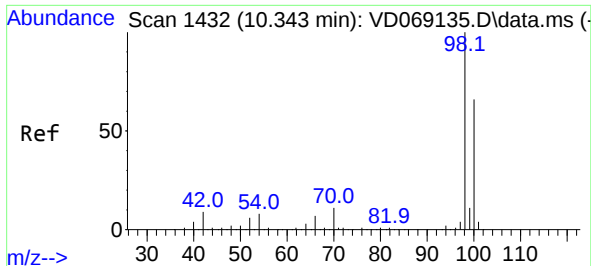


#35

Dibromofluoromethane
Concen: 56.92 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD069272.D
Acq: 25 May 2021 14:25

Tgt Ion:113 Resp: 135562
Ion Ratio Lower Upper
113 100
111 104.3 80.6 120.8
192 18.5 14.8 22.2

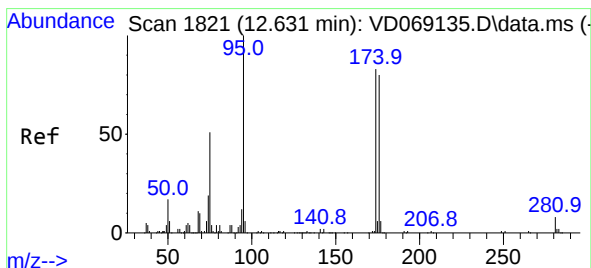
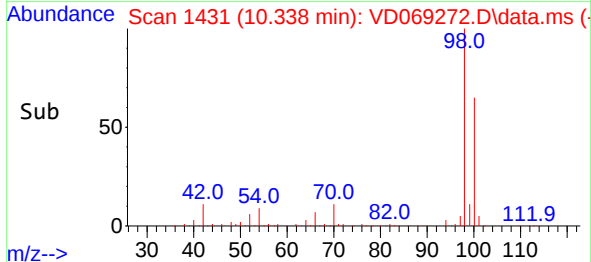
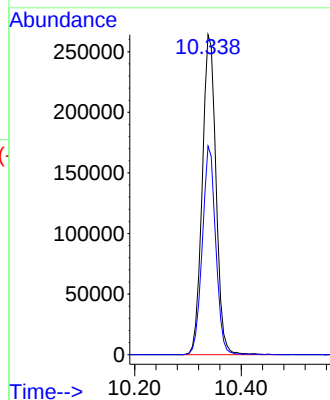
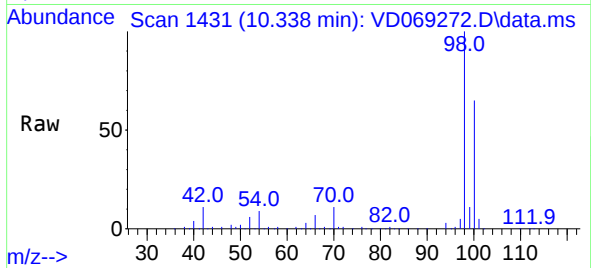




#50
Toluene-d8
Concen: 54.00 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD069272.D
Acq: 25 May 2021 14:25

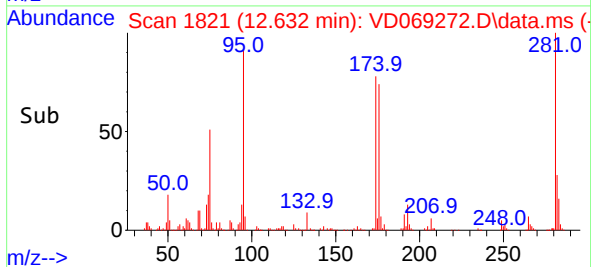
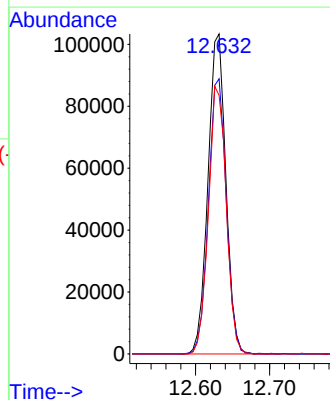
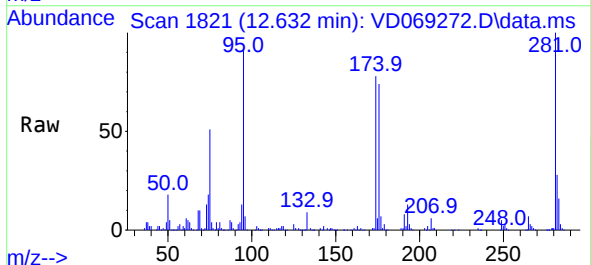
Instrument :
MSVOA_D
ClientSampleId :
OK-01-052421

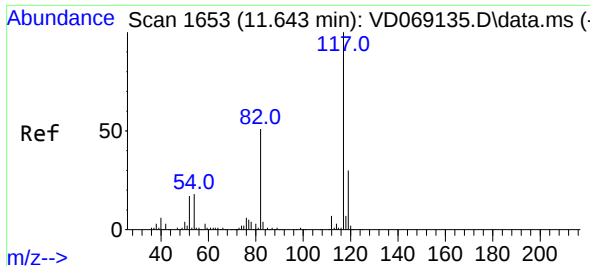
Tgt Ion: 98 Resp: 472555
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 61.44 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069272.D
Acq: 25 May 2021 14:25

Tgt Ion: 95 Resp: 172999
Ion Ratio Lower Upper
95 100
174 86.0 0.0 171.8
176 82.9 0.0 165.4

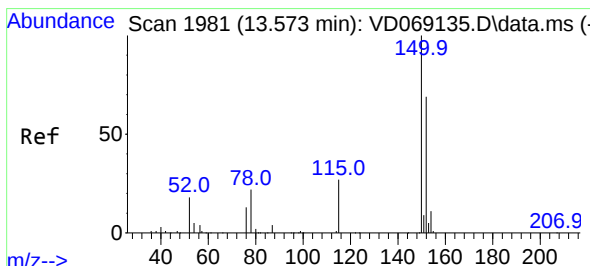
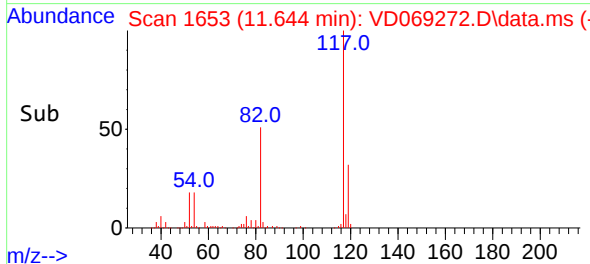
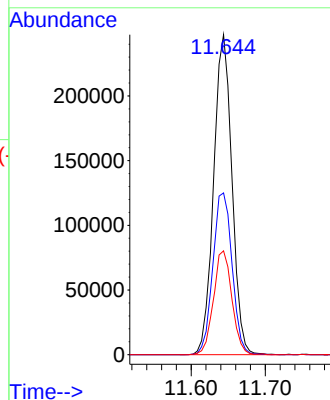
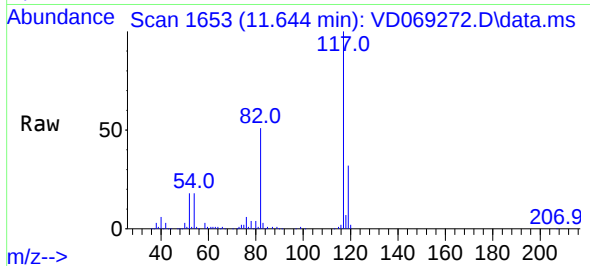




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069272.D
Acq: 25 May 2021 14:25

Instrument :
MSVOA_D
ClientSampleId :
OK-01-052421

Tgt Ion:	117	Resp:	424360
Ion	Ratio	Lower	Upper
117	100		
82	50.6	40.5	60.7
119	32.4	24.2	36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.005 min
Lab File: VD069272.D
Acq: 25 May 2021 14:25

Tgt Ion:	152	Resp:	152815
Ion	Ratio	Lower	Upper
152	100		
115	59.4	29.9	89.8
150	157.3	0.0	350.2

