

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062221\
 Data File : VD069531.D
 Acq On : 22 Jun 2021 22:17
 Operator : VA/SY
 Sample : M2795-06
 Misc : 8.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B3-6-8

Quant Time: Jun 23 04:32:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	396783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	802999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	851852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	374473	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	303037	61.271	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.540%
35) Dibromofluoromethane	7.914	113	293477	54.066	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.140%
50) Toluene-d8	10.338	98	1060385	52.080	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.160%
62) 4-Bromofluorobenzene	12.626	95	388384	58.023	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.040%

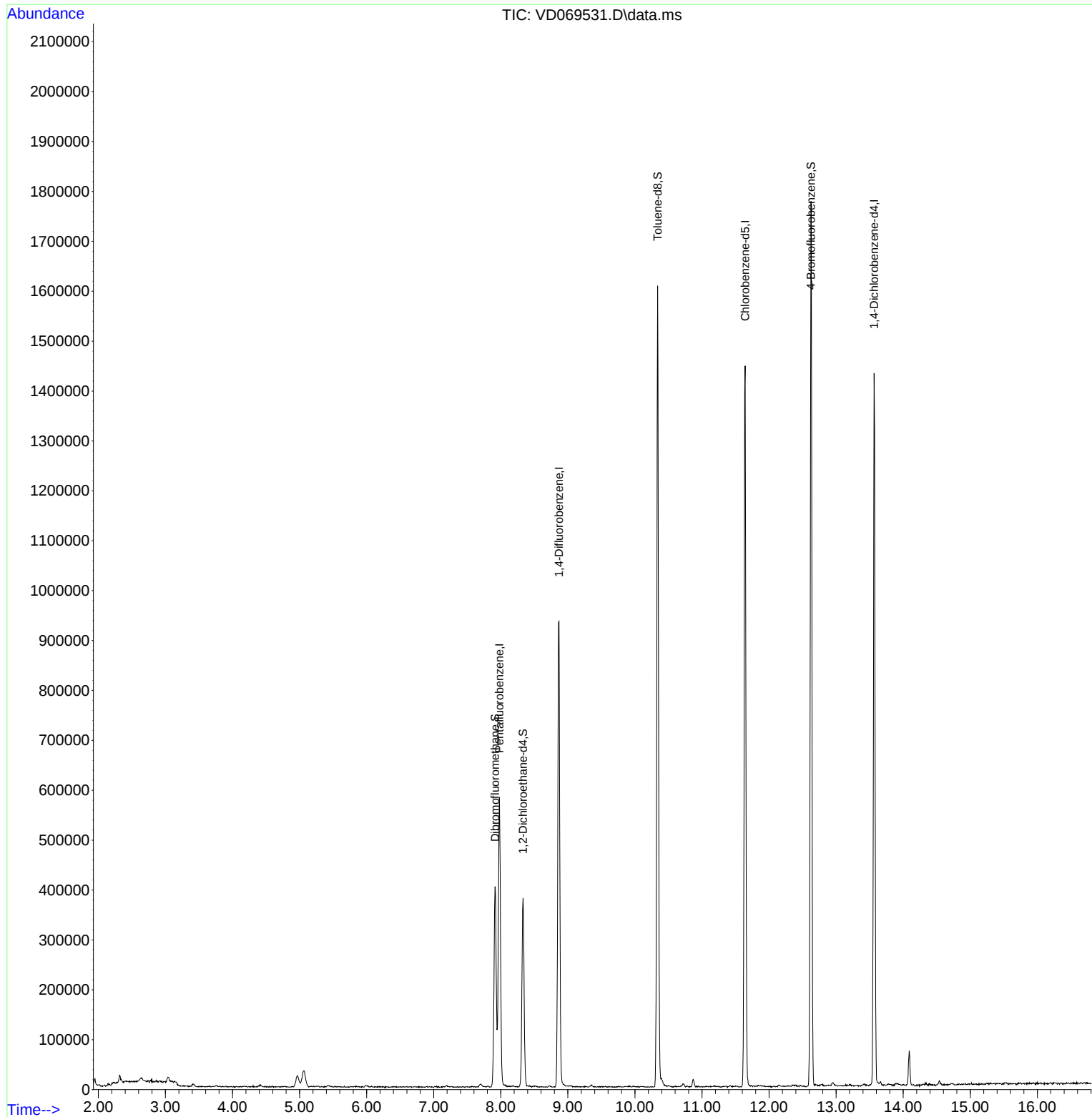
Target Compounds	Qvalue

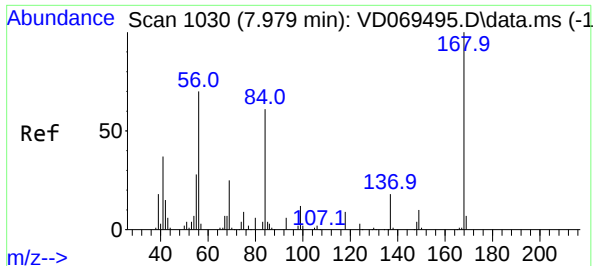
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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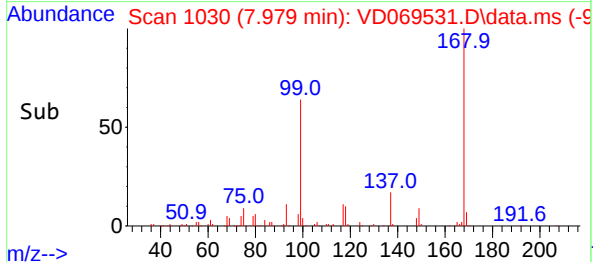
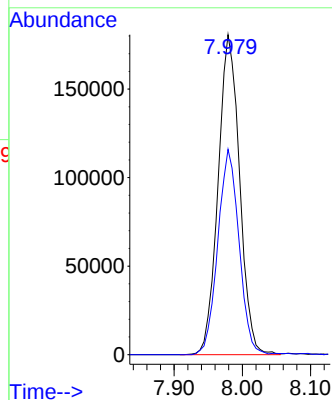
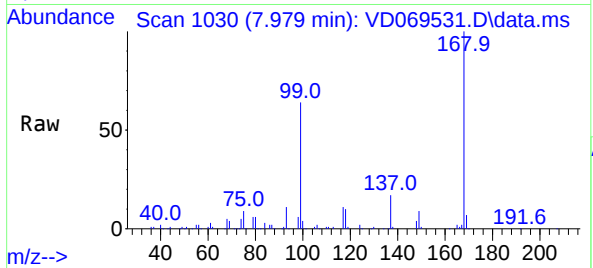




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069531.D
Acq: 22 Jun 2021 22:17

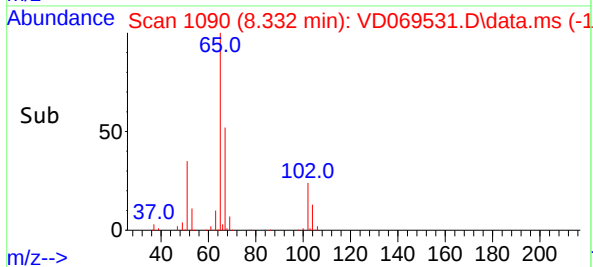
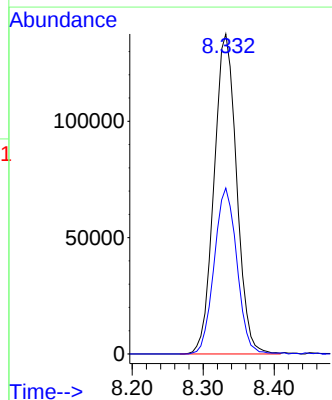
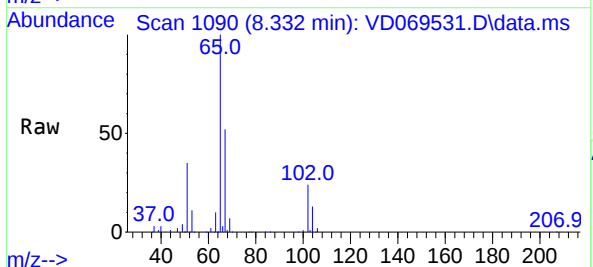
Instrument :
MSVOA_D
ClientSampled :
B3-6-8

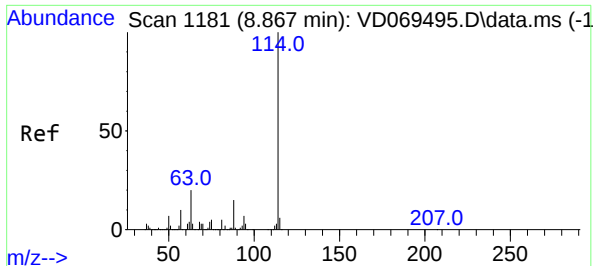
Tgt Ion:168 Resp: 396783
Ion Ratio Lower Upper
168 100
99 64.2 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 61.271 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069531.D
Acq: 22 Jun 2021 22:17

Tgt Ion: 65 Resp: 303037
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.6



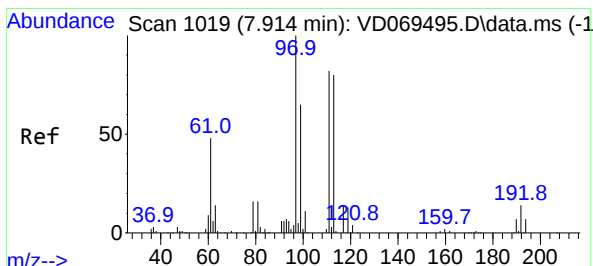
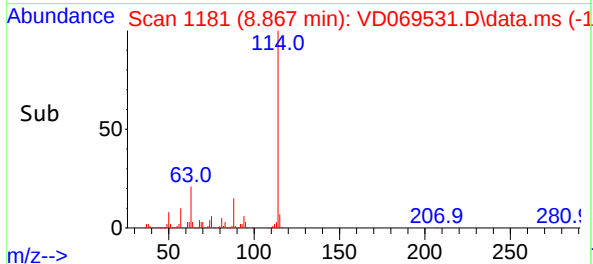
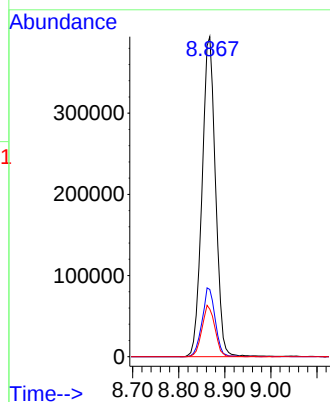
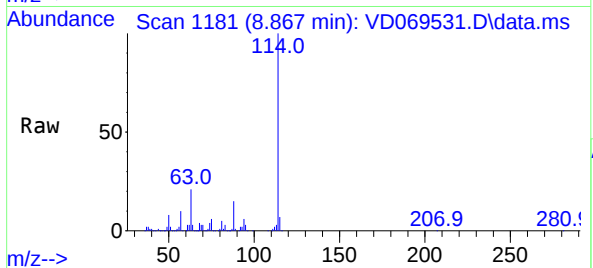


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069531.D
Acq: 22 Jun 2021 22:17

Instrument :
MSVOA_D
ClientSampleId :
B3-6-8

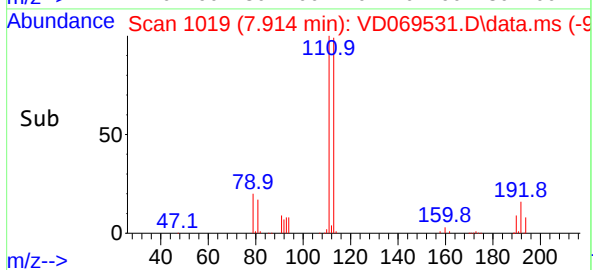
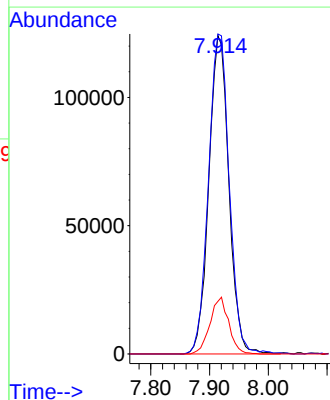
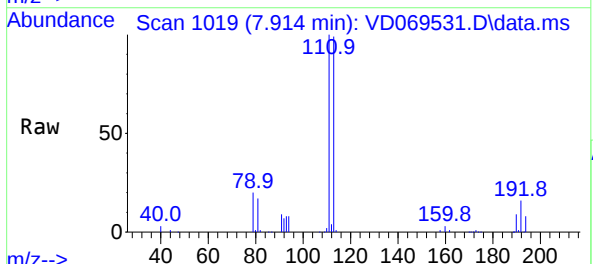
Tgt Ion:	114	Resp:	802999
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	39.6
88	14.9	0.0	29.8

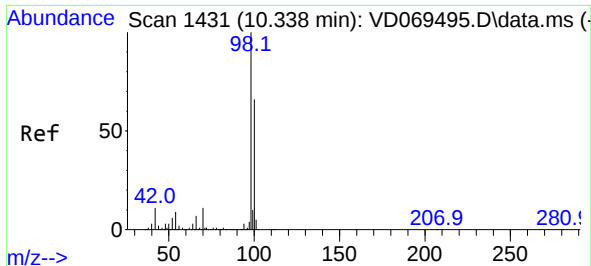


#35

Dibromofluoromethane
Concen: 54.066 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069531.D
Acq: 22 Jun 2021 22:17

Tgt Ion:	113	Resp:	293477
Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.8	122.8
192	16.7	13.8	20.6

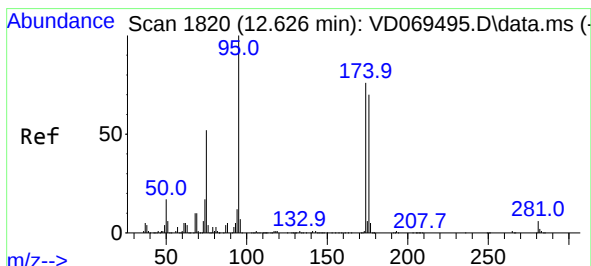
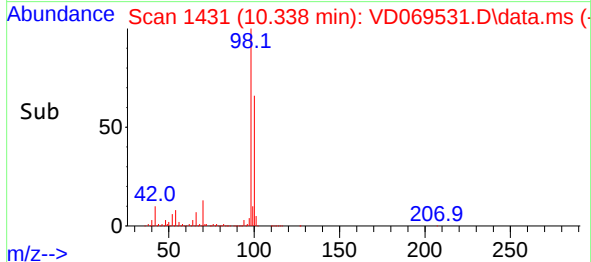
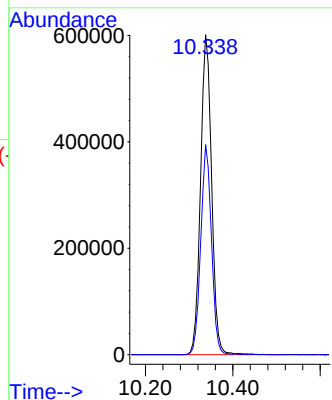
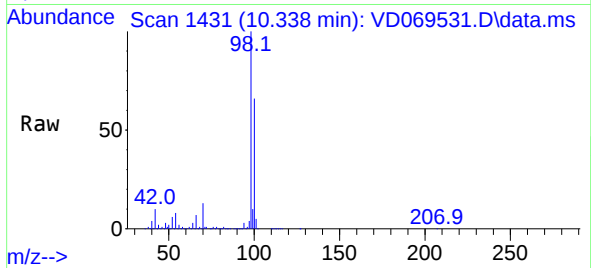




#50
Toluene-d8
Concen: 52.080 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069531.D
Acq: 22 Jun 2021 22:17

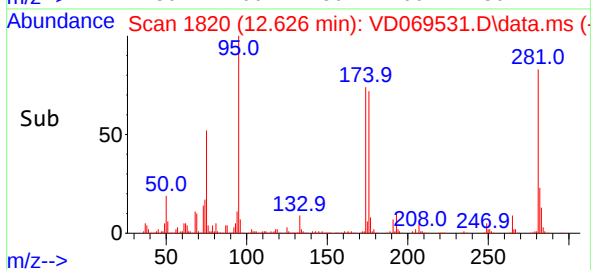
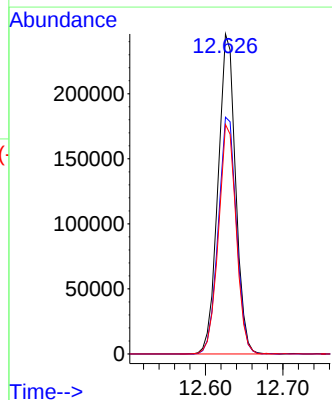
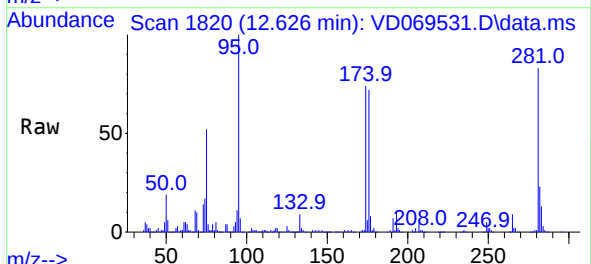
Instrument :
MSVOA_D
ClientSampleId :
B3-6-8

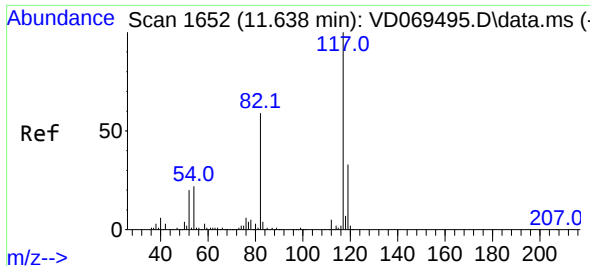
Tgt Ion: 98 Resp: 1060385
Ion Ratio Lower Upper
98 100
100 63.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 58.023 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069531.D
Acq: 22 Jun 2021 22:17

Tgt Ion: 95 Resp: 388384
Ion Ratio Lower Upper
95 100
174 76.3 0.0 148.0
176 72.2 0.0 139.8

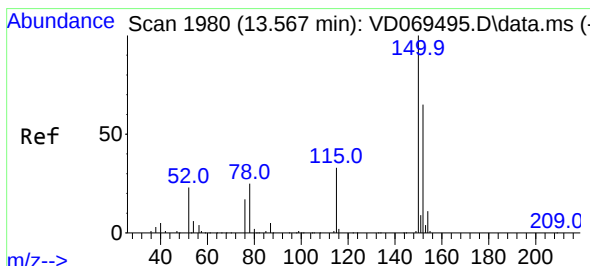
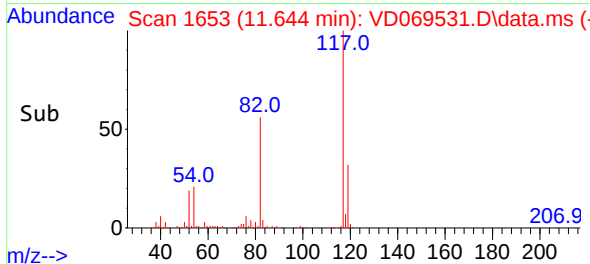
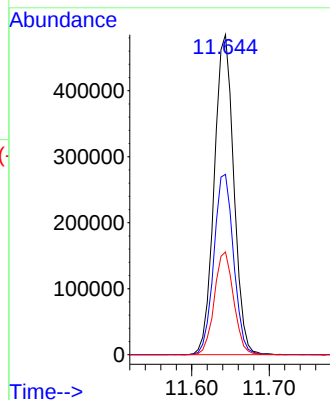
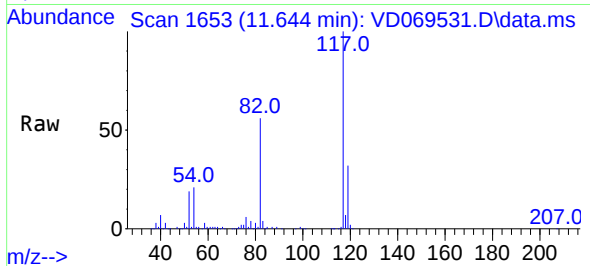




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD069531.D
Acq: 22 Jun 2021 22:17

Instrument :
MSVOA_D
ClientSampled :
B3-6-8

Tgt Ion:117 Resp: 851852
Ion Ratio Lower Upper
117 100
82 56.3 46.8 70.2
119 32.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069531.D
Acq: 22 Jun 2021 22:17

Tgt Ion:152 Resp: 374473
Ion Ratio Lower Upper
152 100
115 60.6 31.7 95.1
150 155.8 0.0 350.8

