

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
 Data File : VD068828.D
 Acq On : 12 Apr 2021 13:20
 Operator : VA/SY
 Sample : M1992-01
 Misc : 4.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-05-040921

Quant Time: Apr 13 01:08:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	31569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	53624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	64052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	29617	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	21847	65.48	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.96%
35) Dibromofluoromethane	7.914	113	18043	51.73	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.46%
50) Toluene-d8	10.344	98	69245	52.63	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.26%
62) 4-Bromofluorobenzene	12.632	95	25782	59.00	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.00%

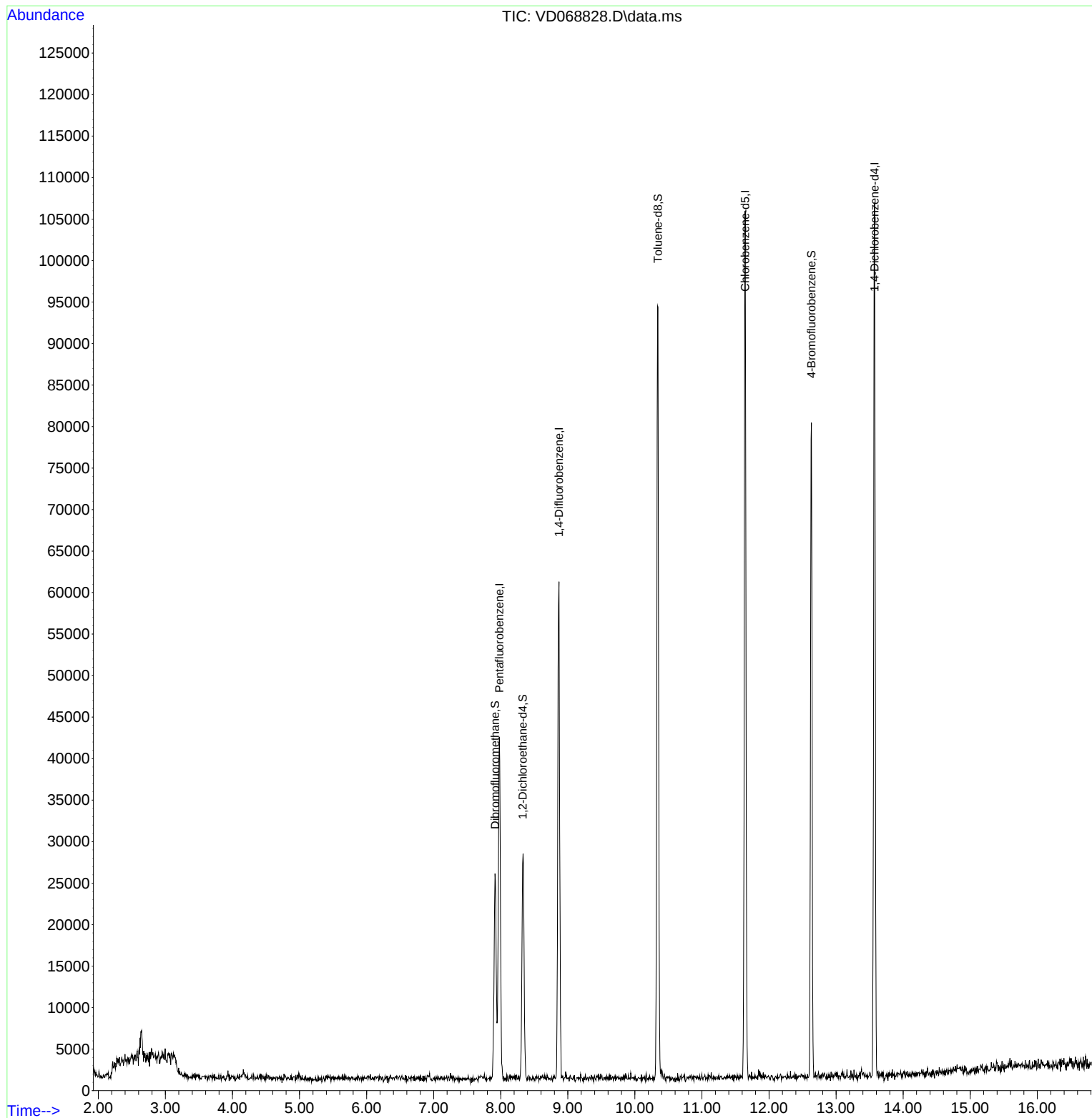
Target Compounds	Qvalue

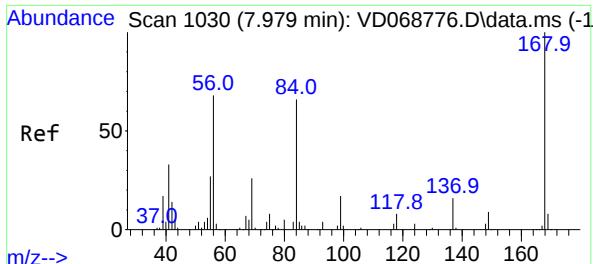
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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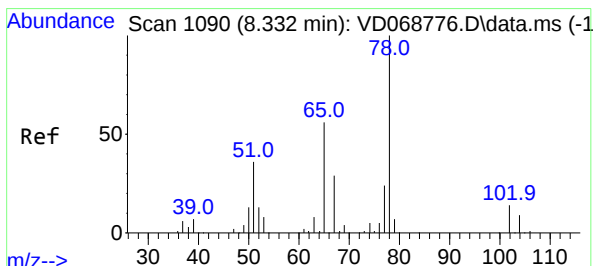
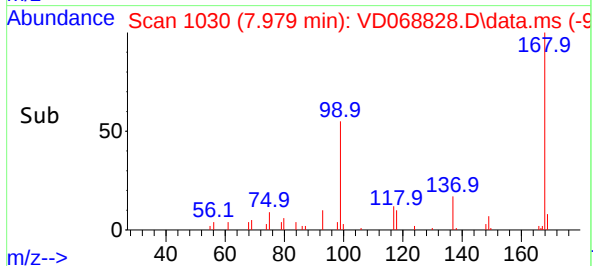
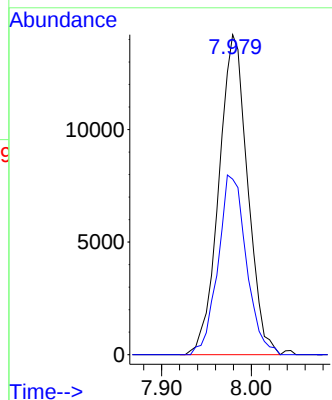
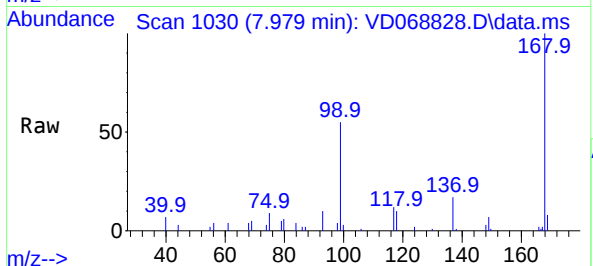




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068828.D
Acq: 12 Apr 2021 13:20

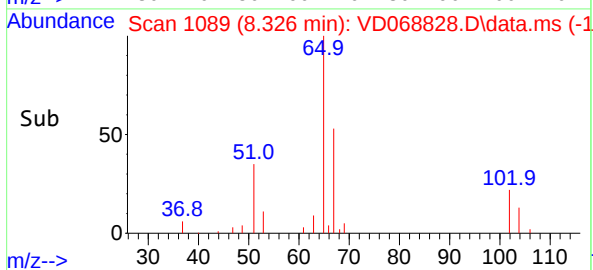
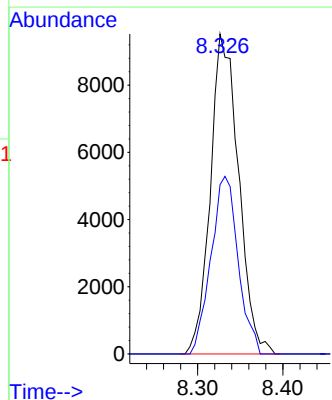
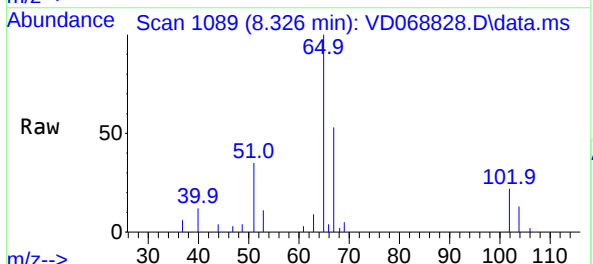
Instrument :
MSVOA_D
ClientSampleId :
AU-05-040921

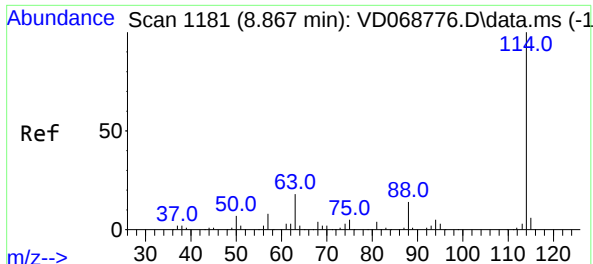
Tgt Ion:168 Resp: 31569
Ion Ratio Lower Upper
168 100
99 54.9 46.2 69.2



1,2-Dichloroethane-d4
Concen: 65.48 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD068828.D
Acq: 12 Apr 2021 13:20

Tgt Ion: 65 Resp: 21847
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.0

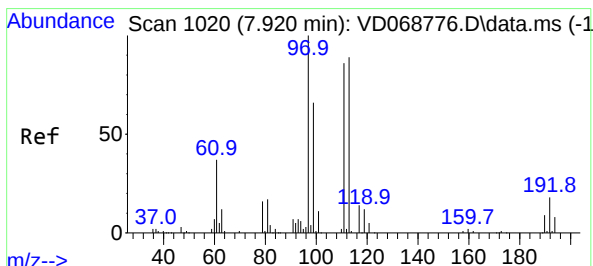
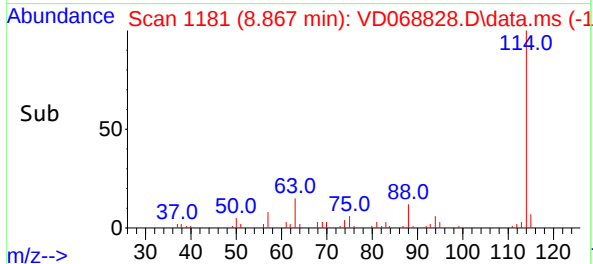
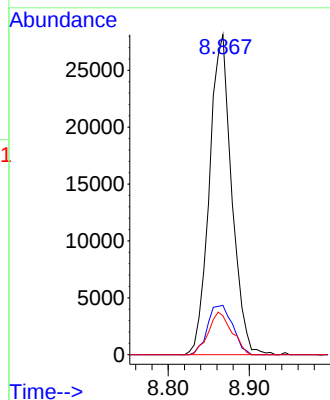
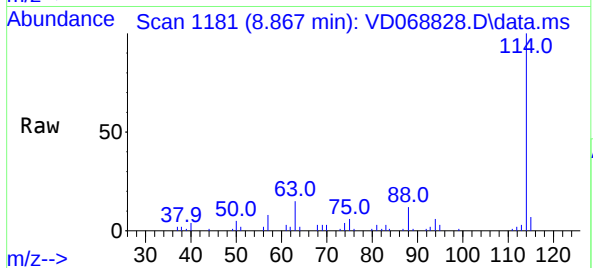




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068828.D
Acq: 12 Apr 2021 13:20

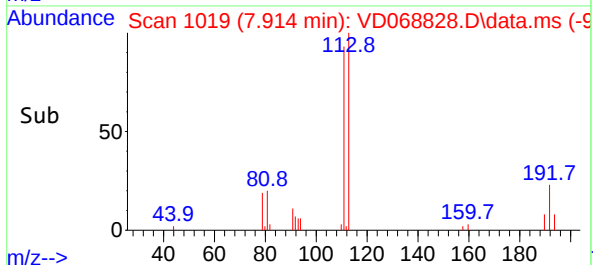
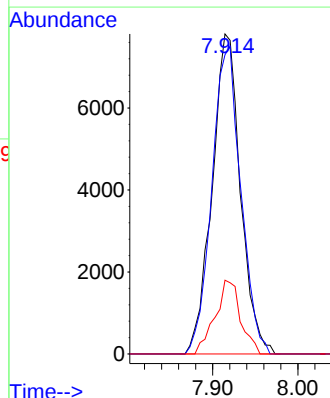
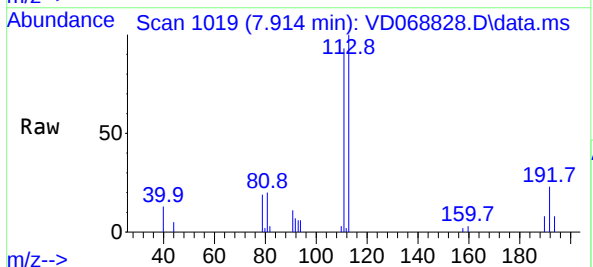
Instrument :
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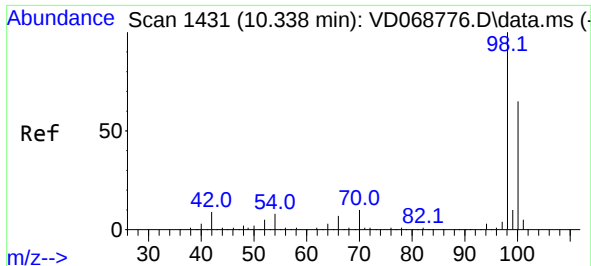
Tgt Ion:114 Resp: 53624
Ion Ratio Lower Upper
114 100
63 15.4 0.0 38.2
88 12.2 0.0 29.4



#35
Dibromofluoromethane
Concen: 51.73 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068828.D
Acq: 12 Apr 2021 13:20

Tgt Ion:113 Resp: 18043
Ion Ratio Lower Upper
113 100
111 98.1 82.5 123.7
192 20.6 15.1 22.7

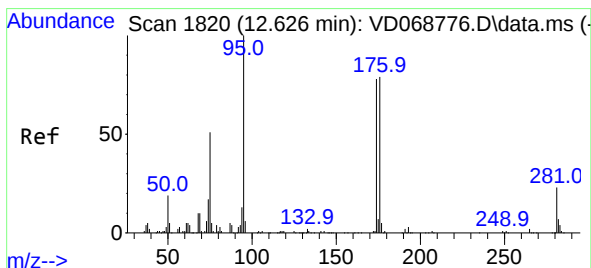
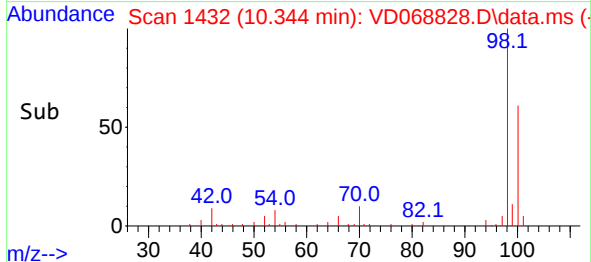
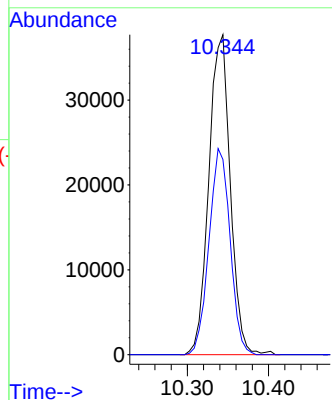
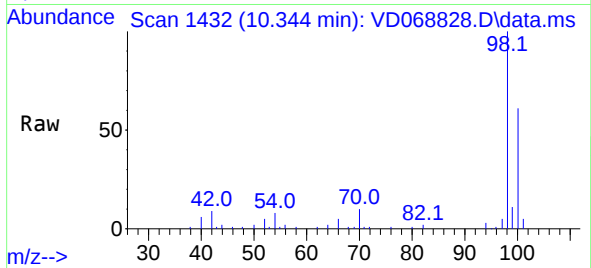




#50
Toluene-d8
Concen: 52.63 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD068828.D
Acq: 12 Apr 2021 13:20

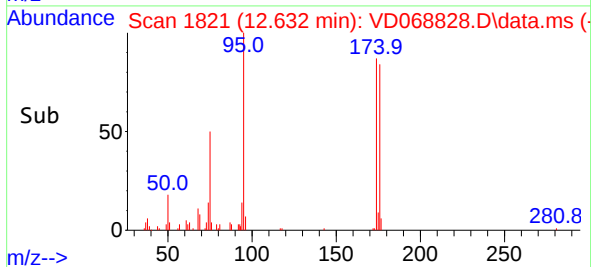
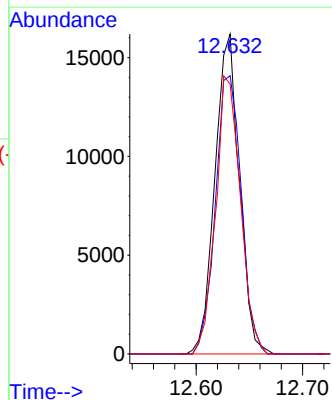
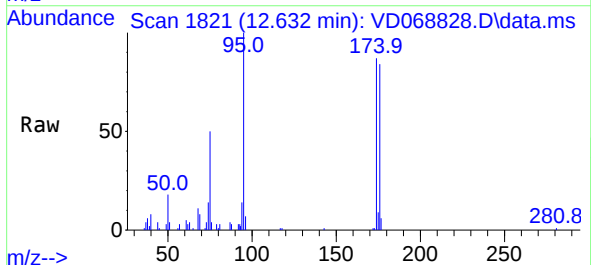
Instrument :
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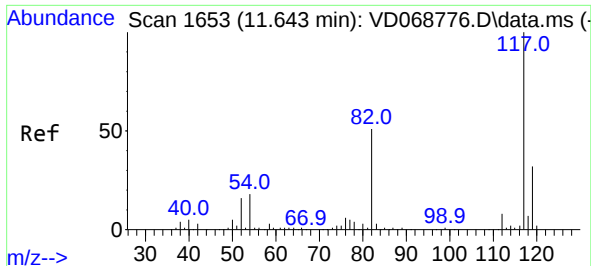
Tgt Ion: 98 Resp: 69245
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 59.00 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068828.D
Acq: 12 Apr 2021 13:20

Tgt Ion: 95 Resp: 25782
Ion Ratio Lower Upper
95 100
174 92.2 0.0 168.0
176 88.0 0.0 160.2

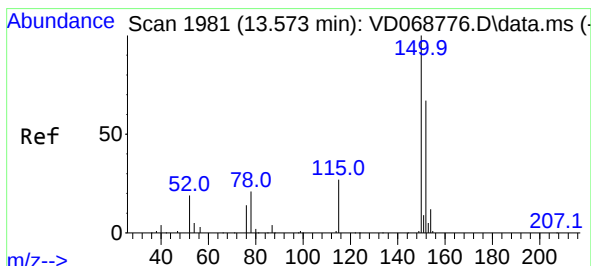
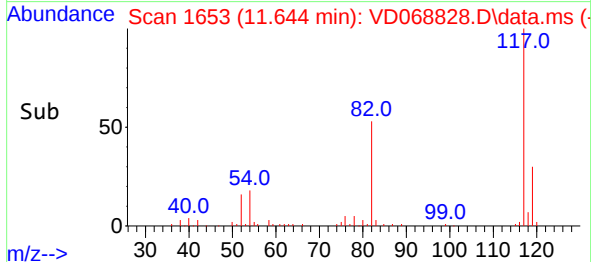
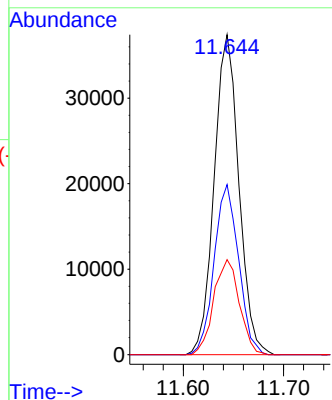
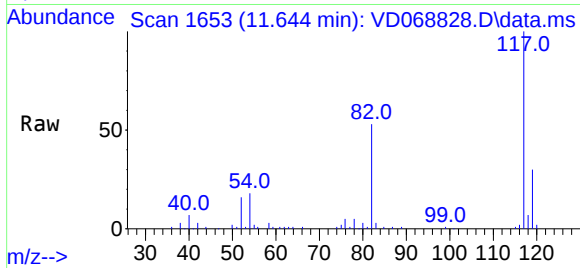




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068828.D
Acq: 12 Apr 2021 13:20

Instrument :
MSVOA_D
ClientSampleId :
AU-05-040921

Tgt Ion:	117	Resp:	64052
Ion Ratio	100	Lower	Upper
82	53.1	43.5	65.3
119	29.7	26.7	40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068828.D
Acq: 12 Apr 2021 13:20

Tgt Ion:	152	Resp:	29617
Ion Ratio	100	Lower	Upper
115	58.3	29.3	87.8
150	160.0	0.0	347.6

