

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020821\
 Data File : VD068317.D
 Acq On : 08 Feb 2021 14:42
 Operator : VA/SY
 Sample : M1332-01
 Misc : 6.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-020521

Quant Time: Feb 09 00:15:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

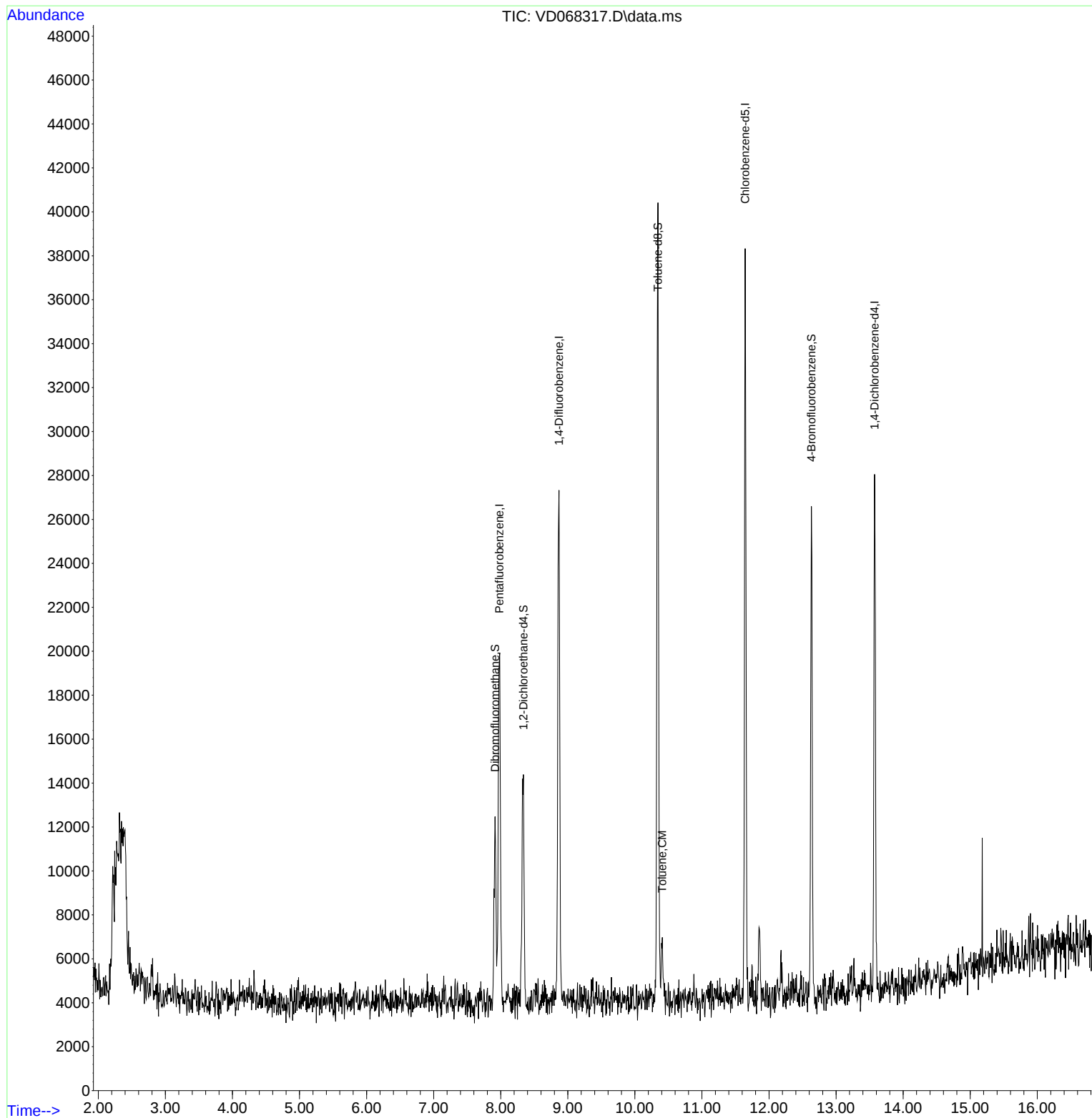
Internal Standards						
1) Pentafluorobenzene	7.979	168	13348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	22595	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	18557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	7086	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	8510	66.65	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.30%
35) Dibromofluoromethane	7.914	113	5481	43.88	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.76%
50) Toluene-d8	10.344	98	24680	49.39	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.78%
62) 4-Bromofluorobenzene	12.632	95	7379	41.01	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.02%
Target Compounds						
52) Toluene	10.408	92	1717	4.14	ug/l	Qvalue 99

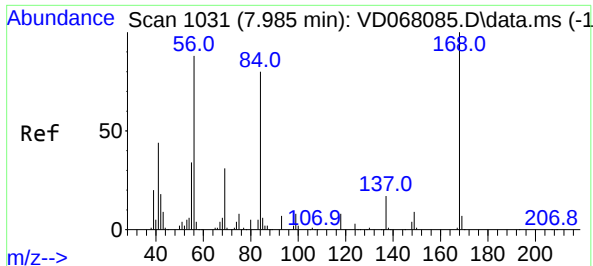
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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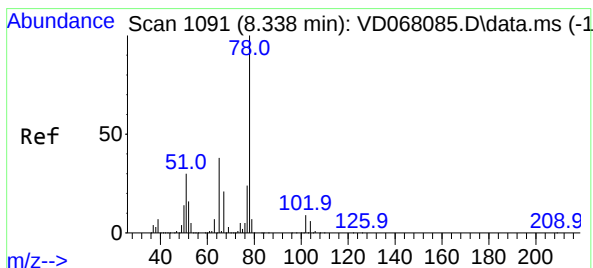
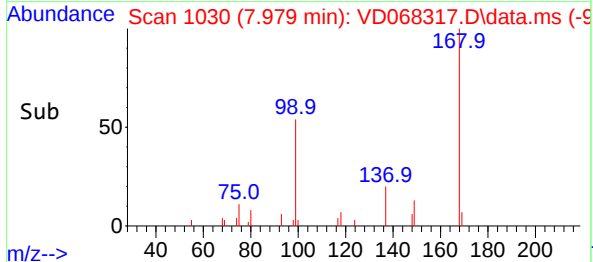
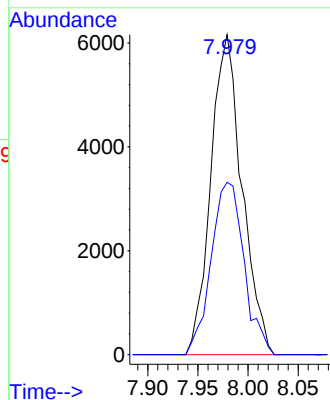
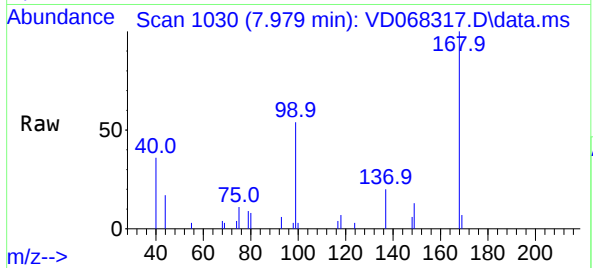




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD068317.D
 Acq: 08 Feb 2021 14:42

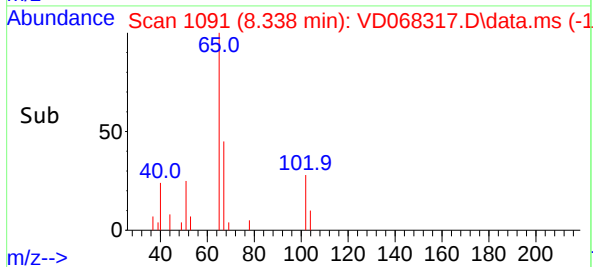
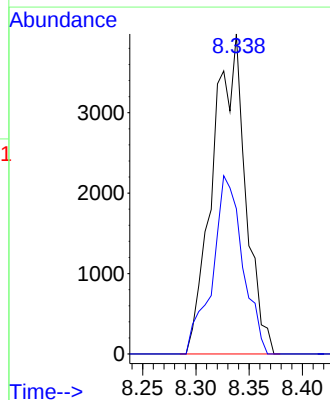
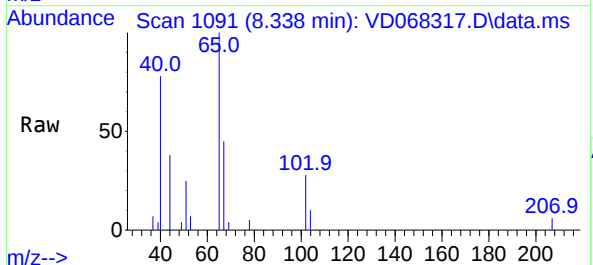
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-020521

Tgt Ion:168 Resp: 13348
 Ion Ratio Lower Upper
 168 100
 99 53.8 43.5 65.3



1,2-Dichloroethane-d4
 Concen: 66.65 ug/l
 RT: 8.338 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VD068317.D
 Acq: 08 Feb 2021 14:42

Tgt Ion: 65 Resp: 8510
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.0



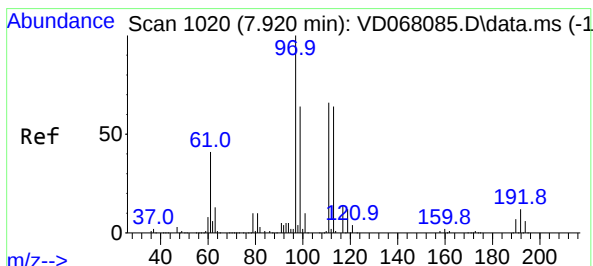
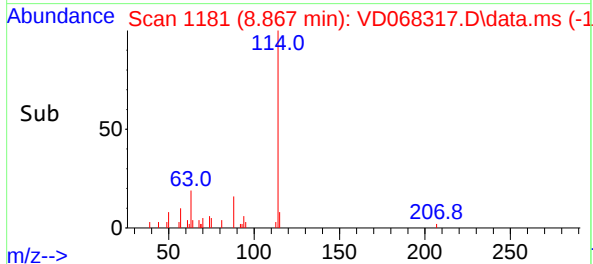
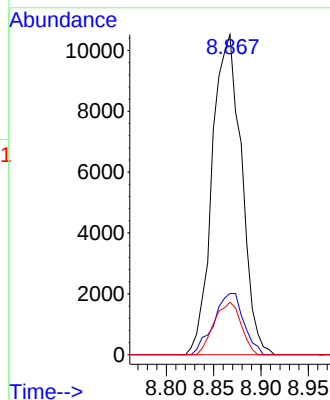
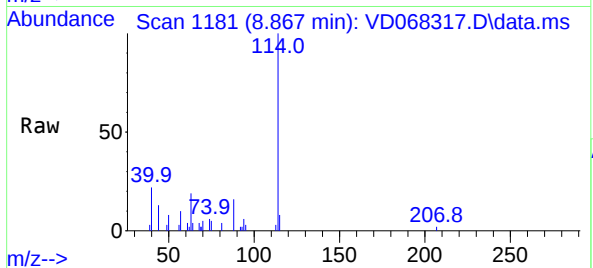


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068317.D
Acq: 08 Feb 2021 14:42

Instrument :
MSVOA_D
ClientSampleId :
TR-05-020521

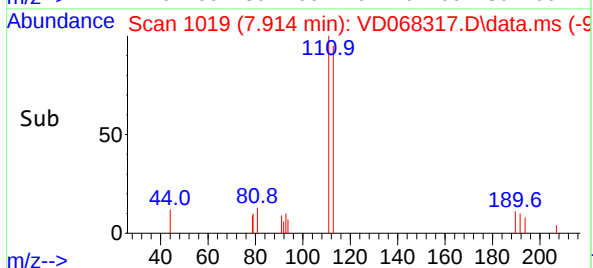
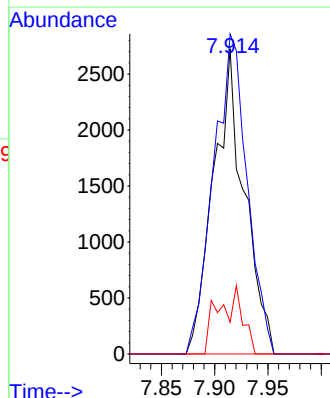
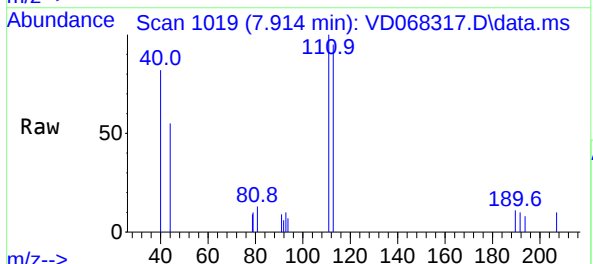
Tgt Ion:	114	Resp:	22595
Ion Ratio	Lower	Upper	
114	100		
63	19.2	0.0	34.8
88	16.4	0.0	31.6

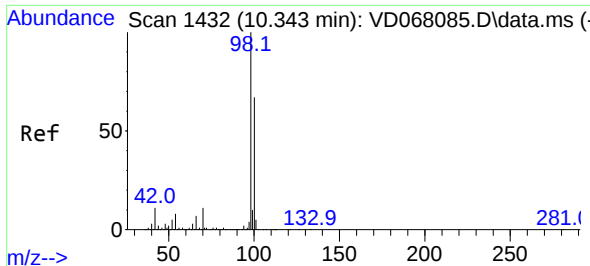


#35

Dibromofluoromethane
Concen: 43.88 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068317.D
Acq: 08 Feb 2021 14:42

Tgt Ion:	113	Resp:	5481
Ion Ratio	Lower	Upper	
113	100		
111	114.1	81.4	122.0
192	10.1	16.1	24.1#

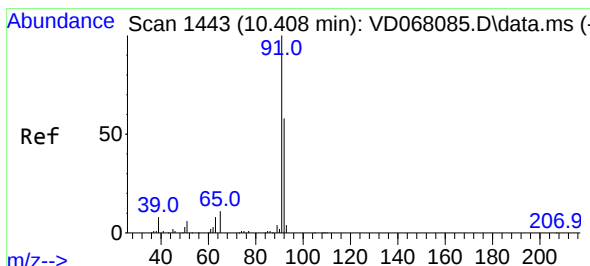
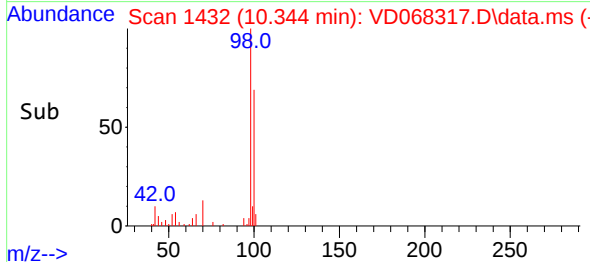
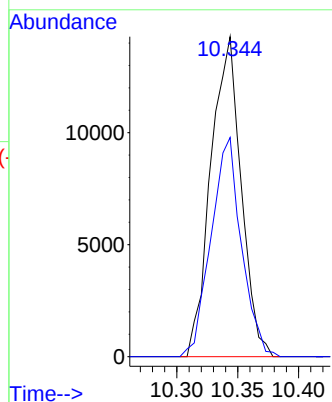
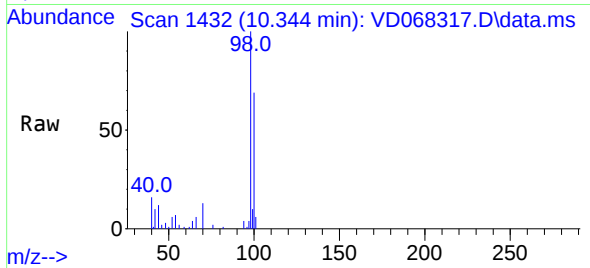




#50
Toluene-d8
Concen: 49.39 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068317.D
Acq: 08 Feb 2021 14:42

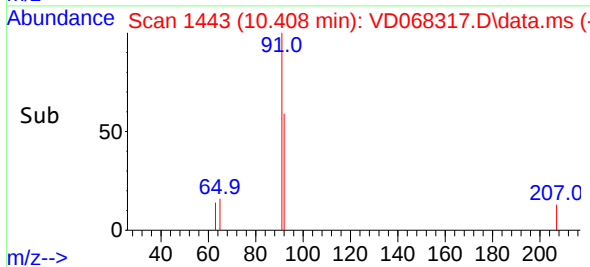
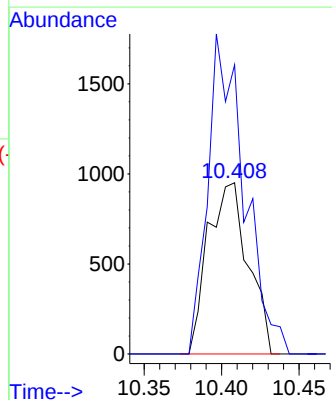
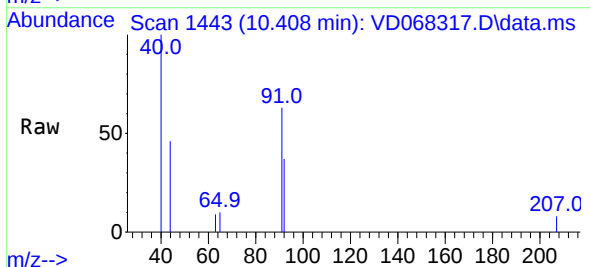
Instrument :
MSVOA_D
ClientSampleId :
TR-05-020521

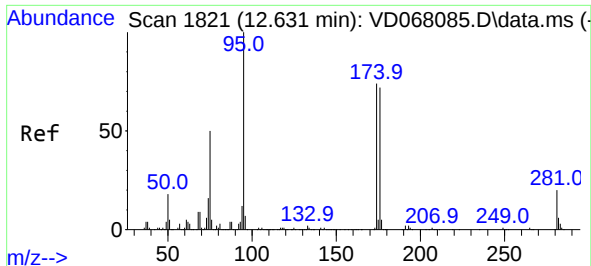
Tgt Ion: 98 Resp: 24680
Ion Ratio Lower Upper
98 100
100 68.8 53.0 79.4



#52
Toluene
Concen: 4.14 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068317.D
Acq: 08 Feb 2021 14:42

Tgt Ion: 92 Resp: 1717
Ion Ratio Lower Upper
92 100
91 169.3 134.1 201.1



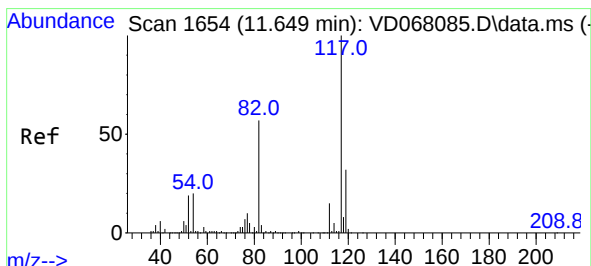
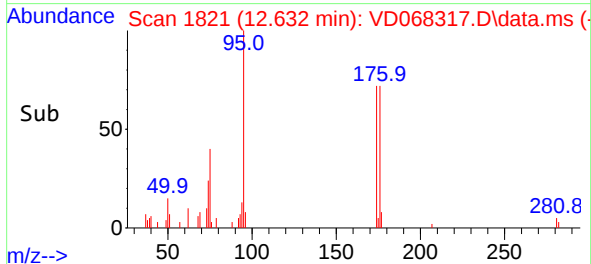
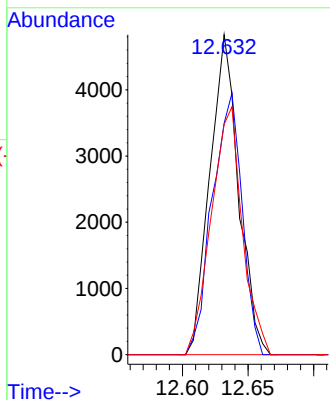
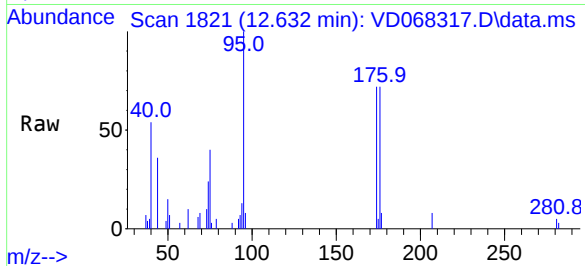


#62
4-Bromofluorobenzene
Concen: 41.01 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068317.D
Acq: 08 Feb 2021 14:42

Instrument :
MSVOA_D
ClientSampleId :
TR-05-020521

Tgt Ion: 95 Resp: 7379

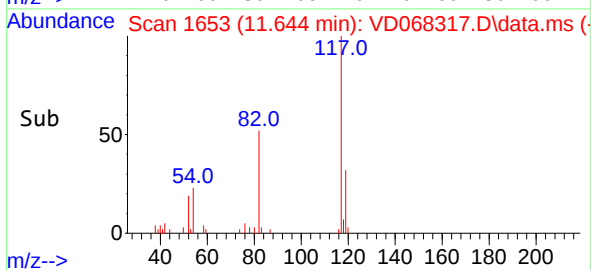
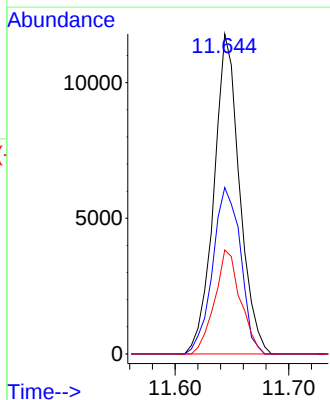
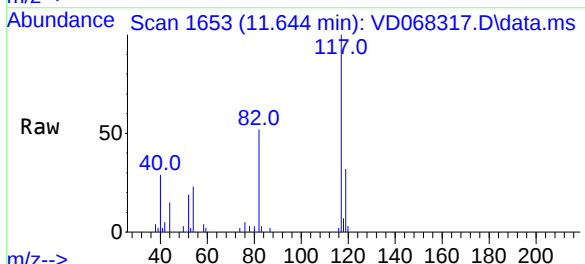
Ion	Ratio	Lower	Upper
95	100		
174	84.3	0.0	172.4
176	83.2	0.0	168.4

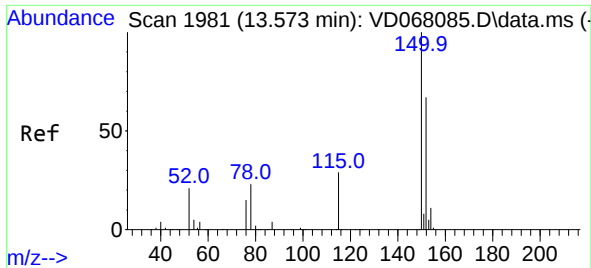


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068317.D
Acq: 08 Feb 2021 14:42

Tgt Ion: 117 Resp: 18557

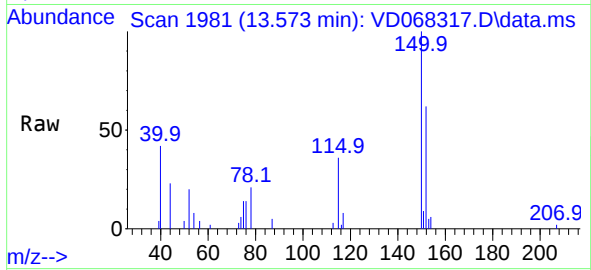
Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.4	62.0
119	32.5	26.1	39.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068317.D
Acq: 08 Feb 2021 14:42

Instrument :
MSVOA_D
ClientSampleId :
TR-05-020521



Tgt Ion:152 Resp: 7086

Ion	Ratio	Lower	Upper
152	100		
115	61.2	28.9	86.8
150	155.3	0.0	344.4

