

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020921\
 Data File : VD068335.D
 Acq On : 09 Feb 2021 18:08
 Operator : VA/SY
 Sample : M1348-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AS-CON

Quant Time: Feb 10 00:18:42 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)

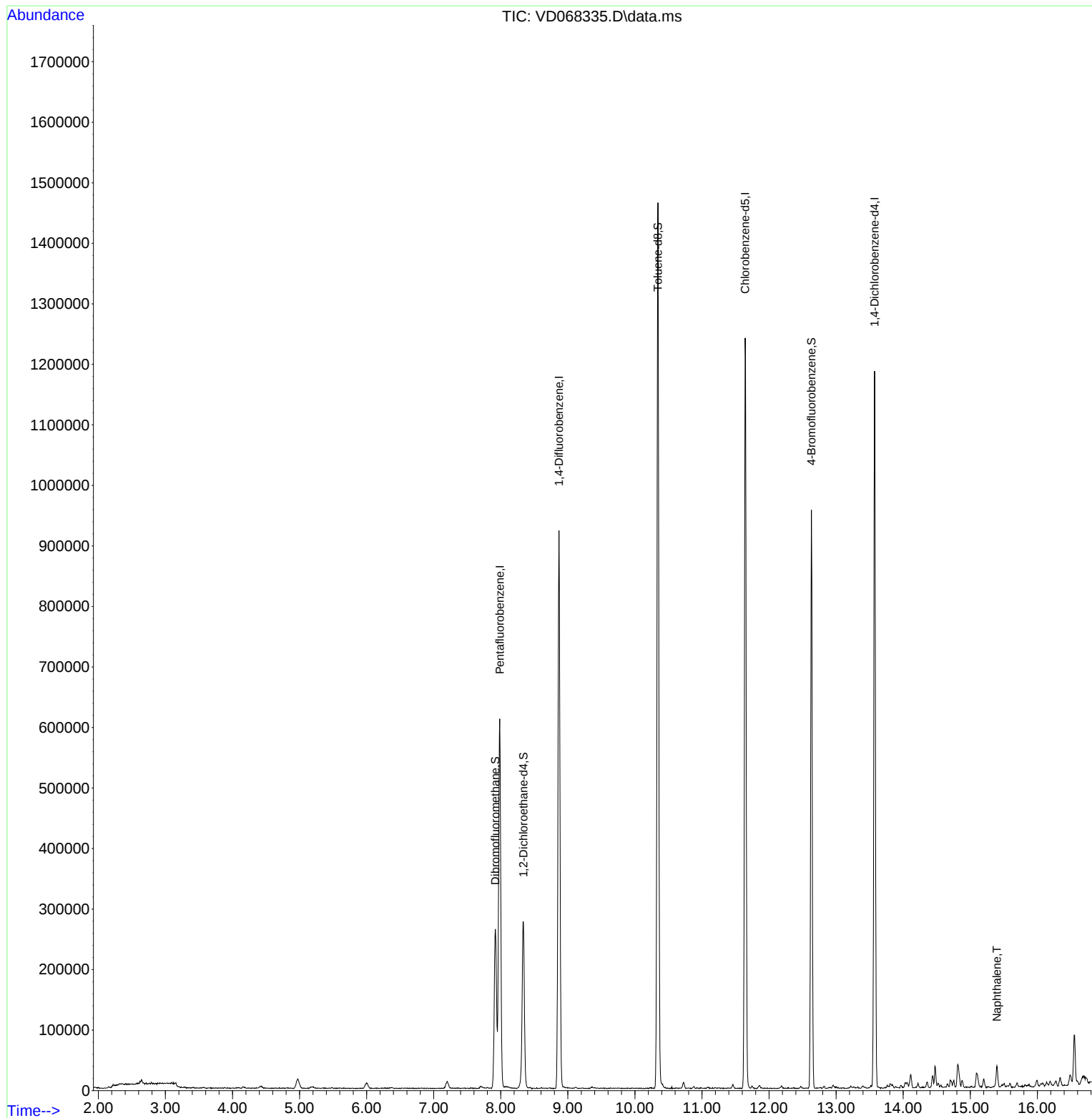
Internal Standards						
1) Pentafluorobenzene	7.985	168	450339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	828247	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	737477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	312857	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	226536	52.58	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.16%
35) Dibromofluoromethane	7.920	113	195767	42.75	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.50%
50) Toluene-d8	10.344	98	1020881	55.74	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.48%
62) 4-Bromofluorobenzene	12.632	95	314974	47.75	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.50%
Target Compounds						
95) Naphthalene	15.396	128	29921	2.53	ug/l	Qvalue 99

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

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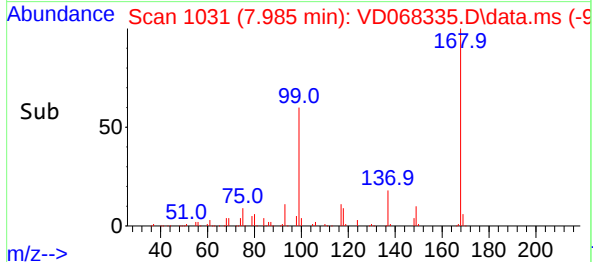
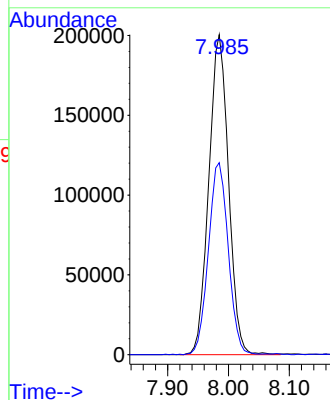
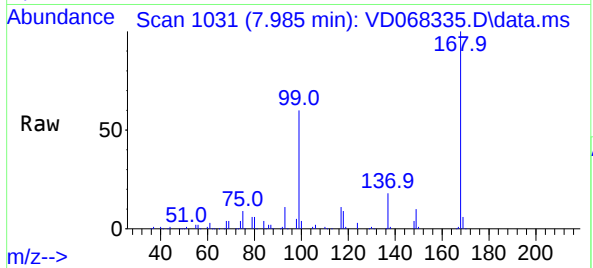




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068335.D
Acq: 09 Feb 2021 18:08

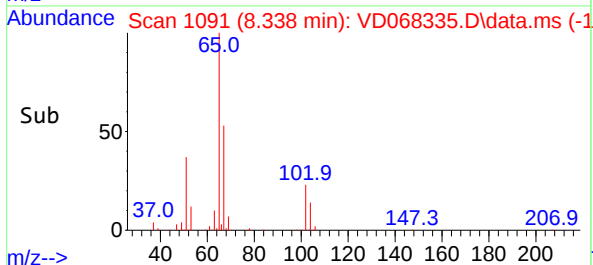
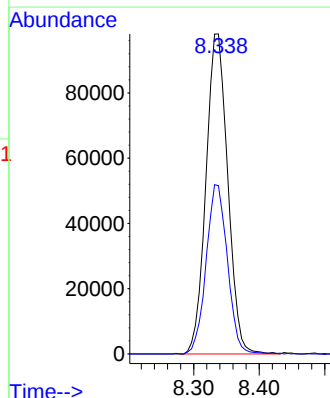
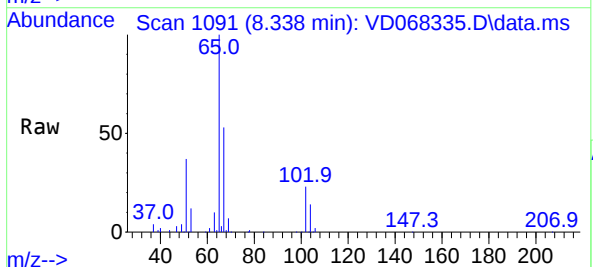
Instrument :
MSVOA_D
ClientSampleId :
AS-CON

Tgt Ion:168 Resp: 450339
Ion Ratio Lower Upper
168 100
99 59.9 43.5 65.3



1,2-Dichloroethane-d4
Concen: 52.58 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068335.D
Acq: 09 Feb 2021 18:08

Tgt Ion: 65 Resp: 226536
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.0



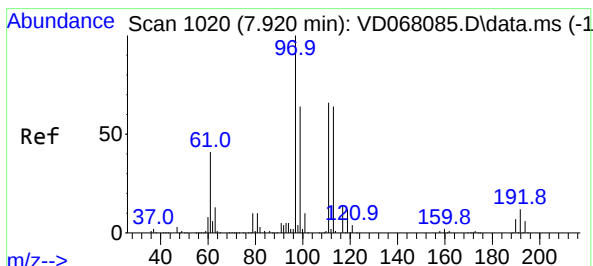
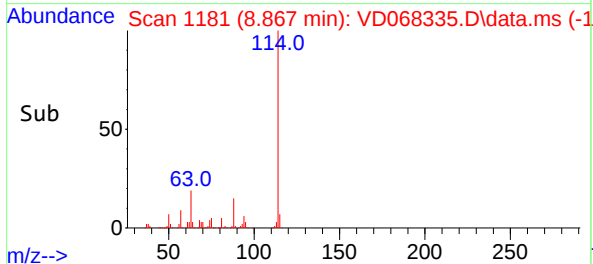
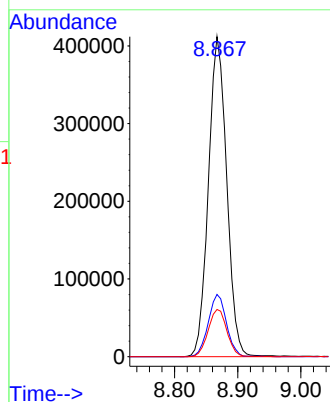
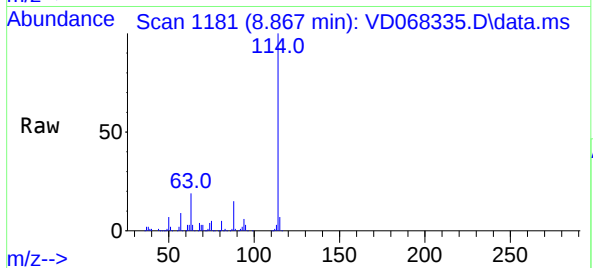


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068335.D
Acq: 09 Feb 2021 18:08

Instrument :
MSVOA_D
ClientSampleId :
AS-CON

Tgt Ion:114 Resp: 828247

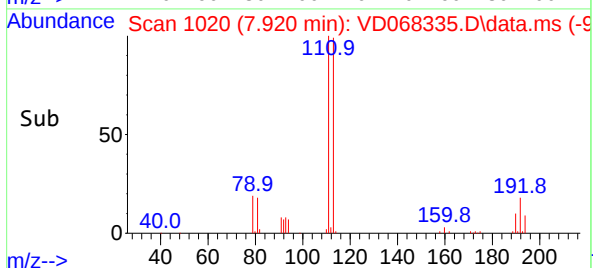
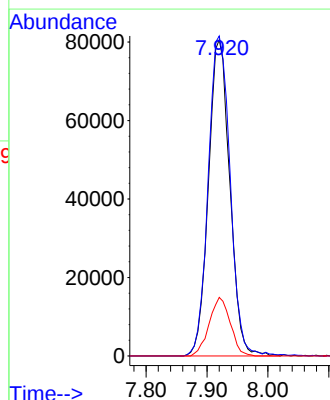
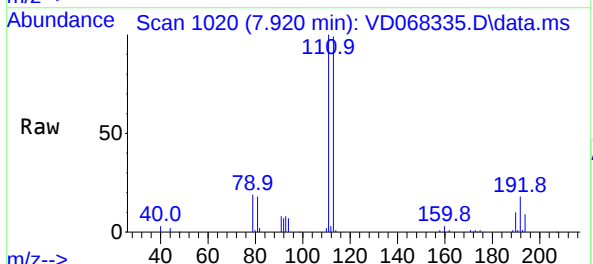
Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	34.8
88	14.8	0.0	31.6

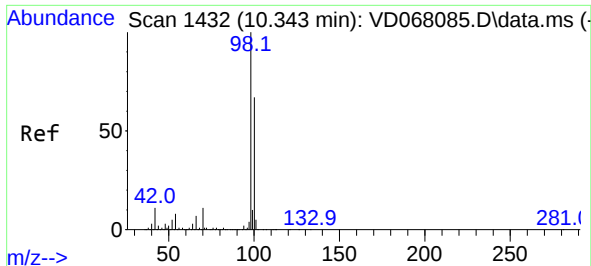


#35
Dibromofluoromethane
Concen: 42.75 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068335.D
Acq: 09 Feb 2021 18:08

Tgt Ion:113 Resp: 195767

Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.4	122.0
192	18.3	16.1	24.1

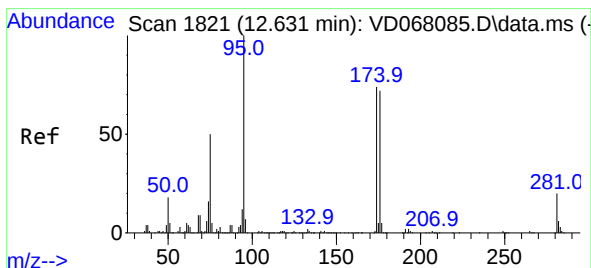
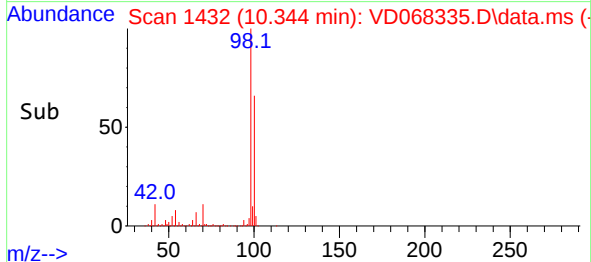
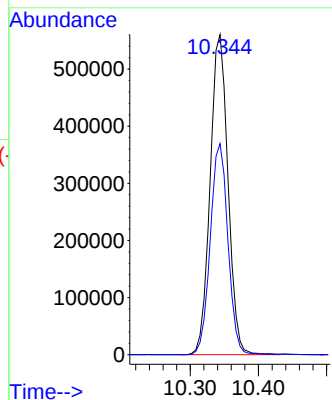
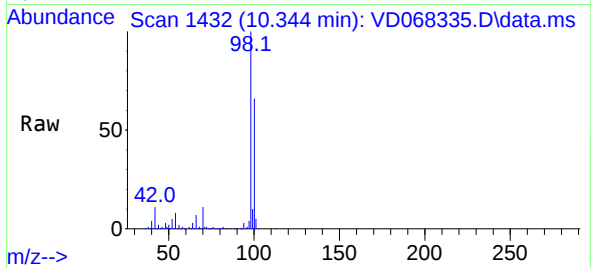




#50
Toluene-d8
Concen: 55.74 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068335.D
Acq: 09 Feb 2021 18:08

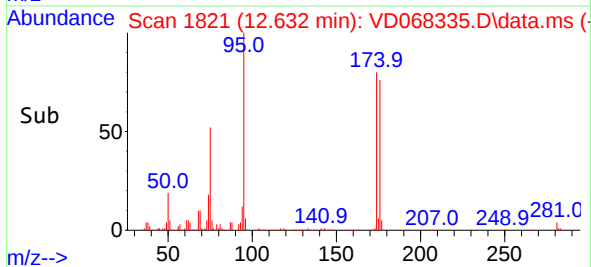
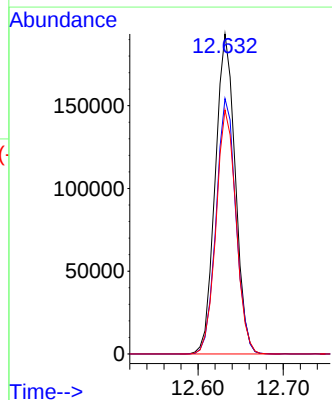
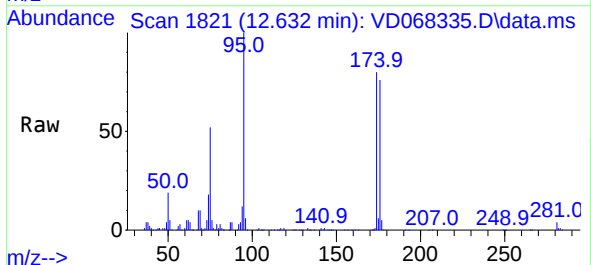
Instrument :
MSVOA_D
ClientSampleId :
AS-CON

Tgt Ion: 98 Resp: 1020881
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 47.75 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068335.D
Acq: 09 Feb 2021 18:08

Tgt Ion: 95 Resp: 314974
Ion Ratio Lower Upper
95 100
174 78.8 0.0 172.4
176 76.1 0.0 168.4



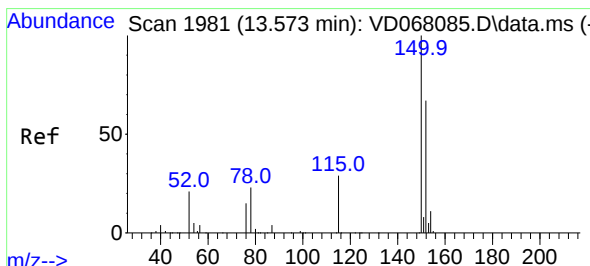
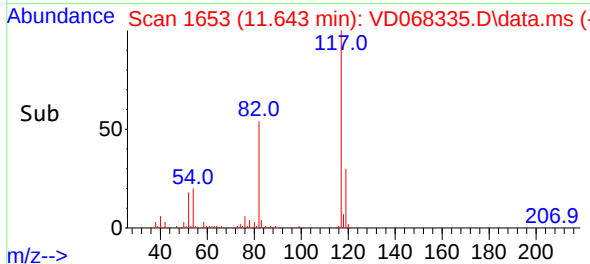
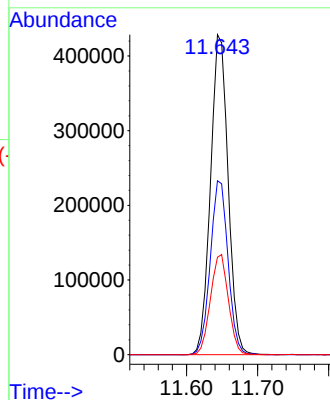
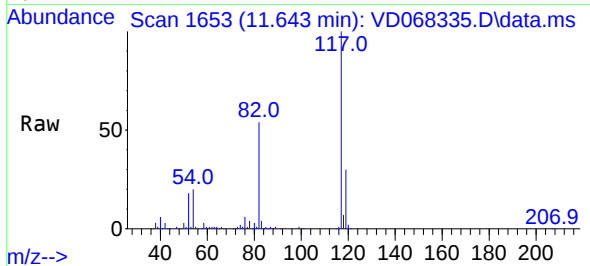


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068335.D
Acq: 09 Feb 2021 18:08

Instrument :
MSVOA_D
ClientSampleId :
AS-CON

Tgt Ion:117 Resp: 737477

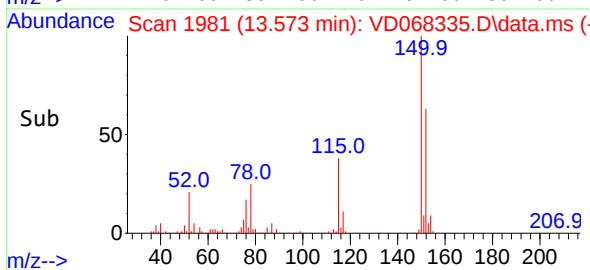
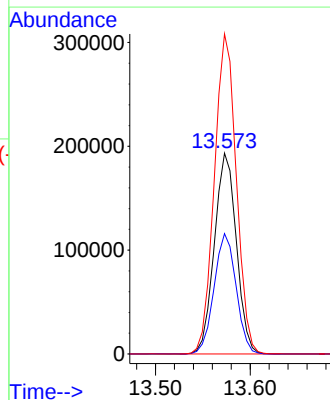
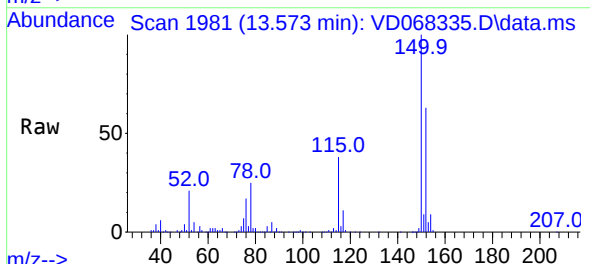
Ion	Ratio	Lower	Upper
117	100		
82	54.4	41.4	62.0
119	30.5	26.1	39.1

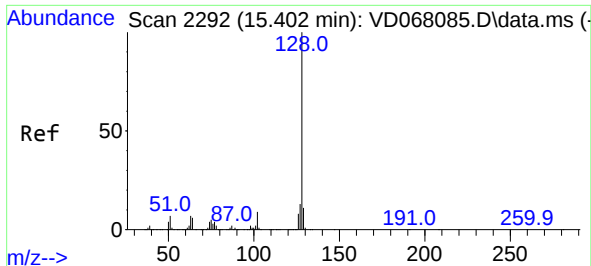


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068335.D
Acq: 09 Feb 2021 18:08

Tgt Ion:152 Resp: 312857

Ion	Ratio	Lower	Upper
152	100		
115	60.0	28.9	86.8
150	159.0	0.0	344.4





#95
Naphthalene
Concen: 2.53 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.006 min
Lab File: VD068335.D
Acq: 09 Feb 2021 18:08

Instrument :
MSVOA_D
ClientSampleId :
AS-CON

Tgt Ion:	128	Resp:	29921
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.1	8.8	13.2

