

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012621\
 Data File : VD068189.D
 Acq On : 26 Jan 2021 16:33
 Operator : VA/SY
 Sample : M1238-01
 Misc : 6.27G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-012621

Quant Time: Jan 27 00:12:18 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	545847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	973228	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	855133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	363155	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	300700	57.59	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.18%
35) Dibromofluoromethane	7.920	113	292360	54.34	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.68%
50) Toluene-d8	10.344	98	1199764	55.75	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.50%
62) 4-Bromofluorobenzene	12.632	95	379110	48.91	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.82%

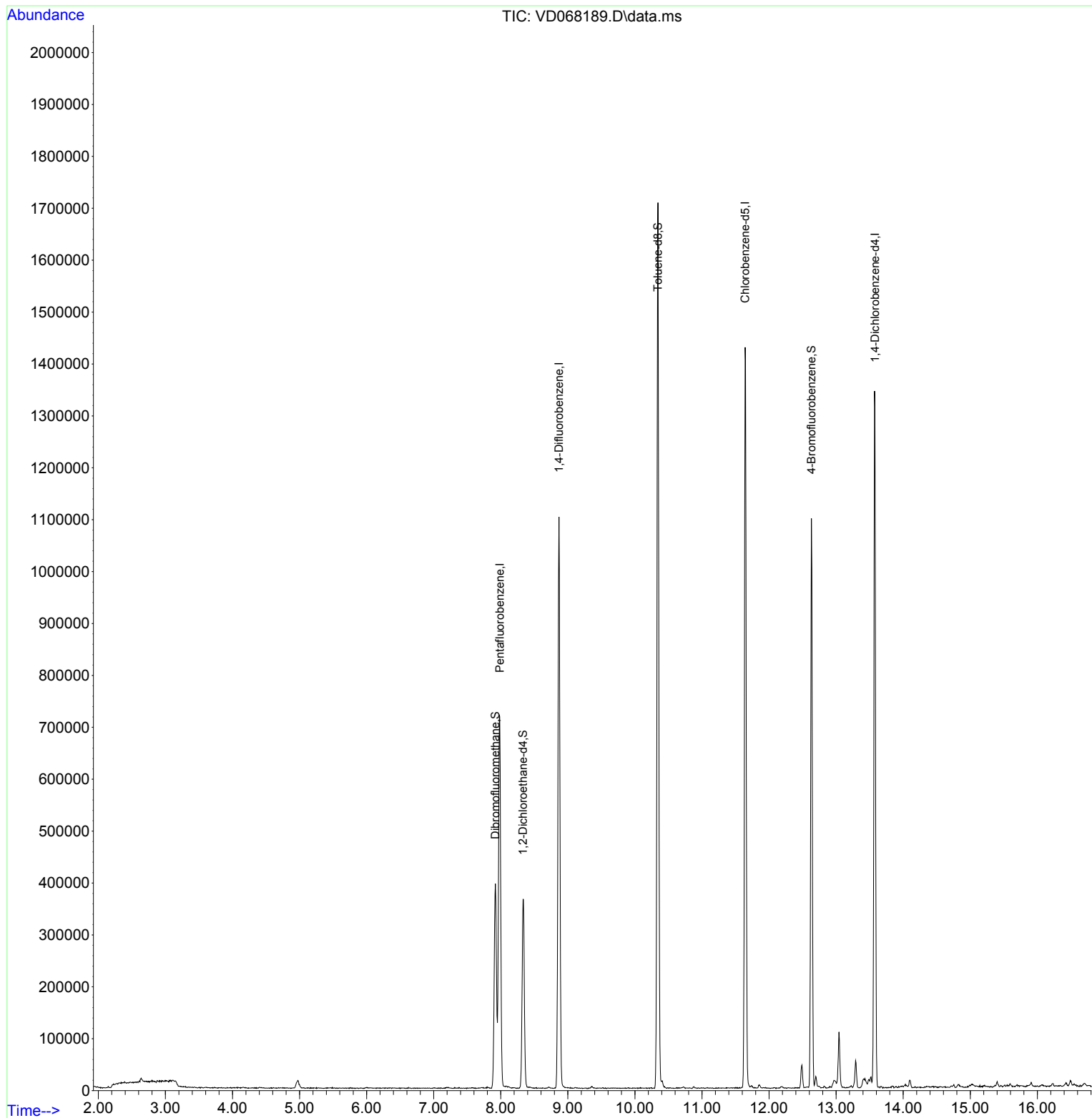
Target Compounds	Qvalue

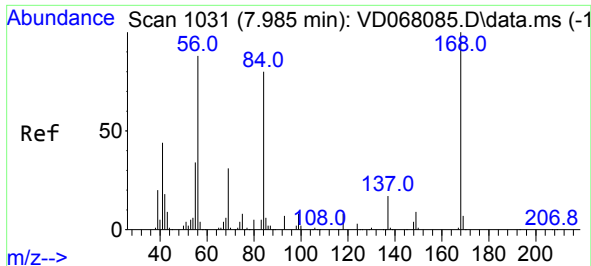
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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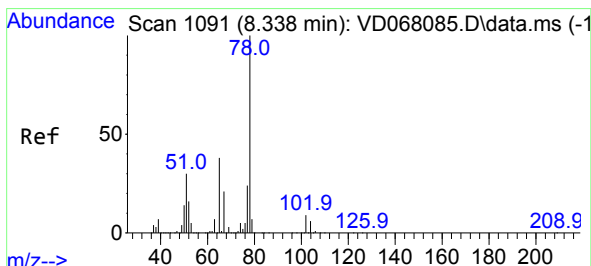
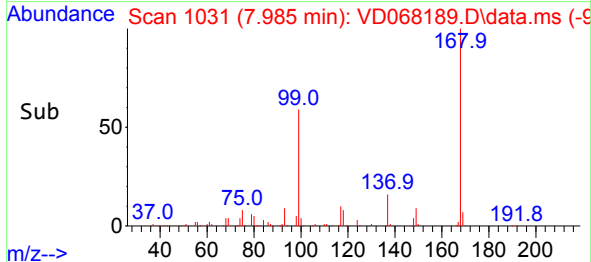
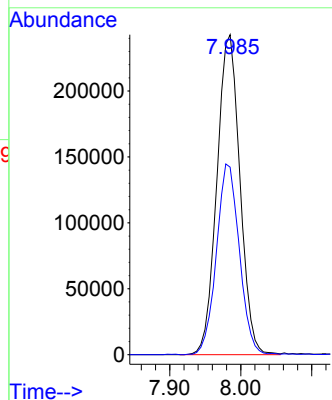
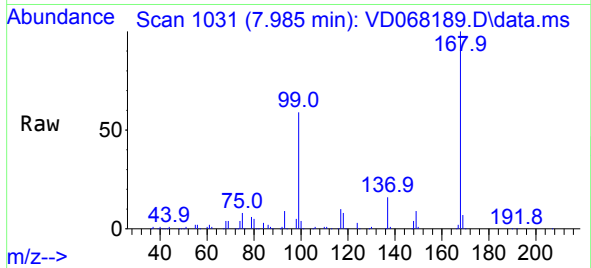




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068189.D
Acq: 26 Jan 2021 16:33

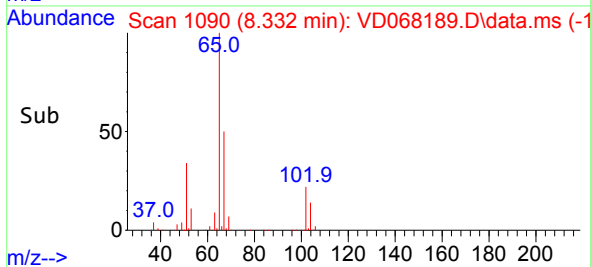
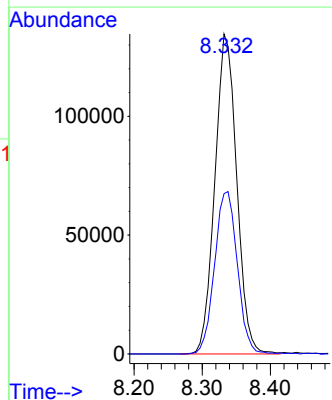
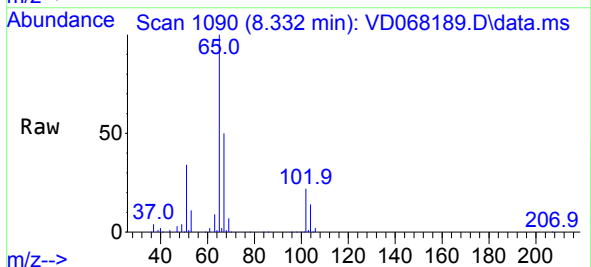
Instrument :
MSVOA_D
ClientSampleId :
HD-02-012621

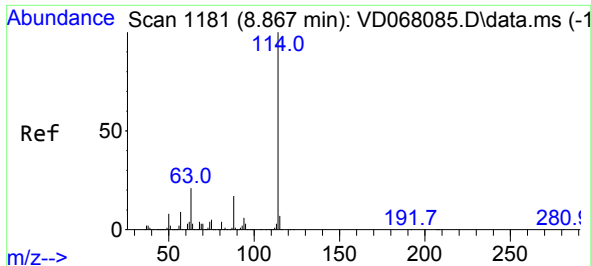
Tgt Ion:168 Resp: 545847
Ion Ratio Lower Upper
168 100
99 58.6 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 57.59 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068189.D
Acq: 26 Jan 2021 16:33

Tgt Ion: 65 Resp: 300700
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.0

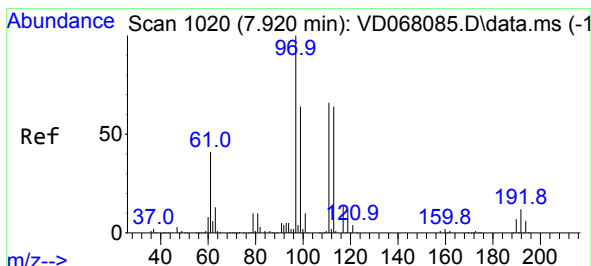
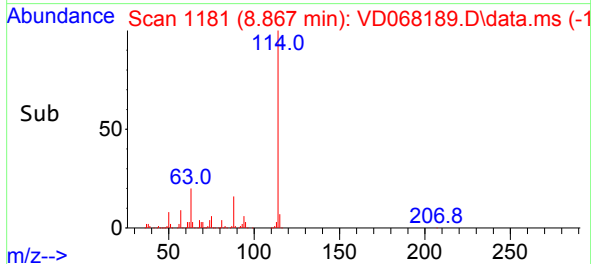
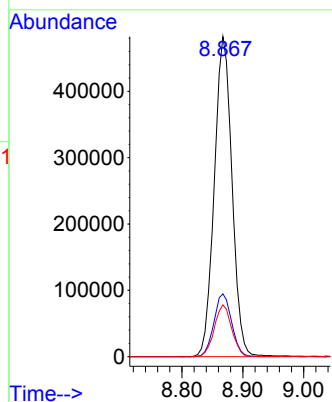
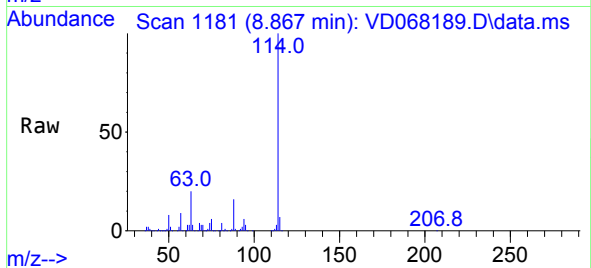




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068189.D
Acq: 26 Jan 2021 16:33

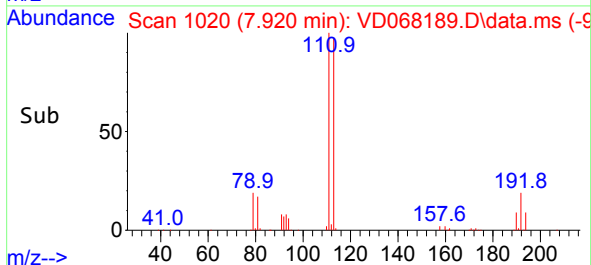
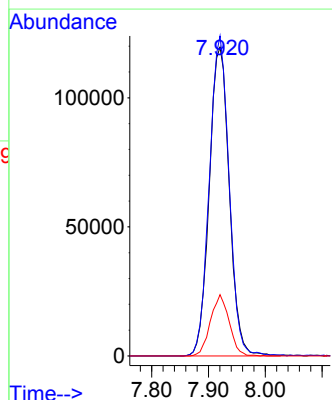
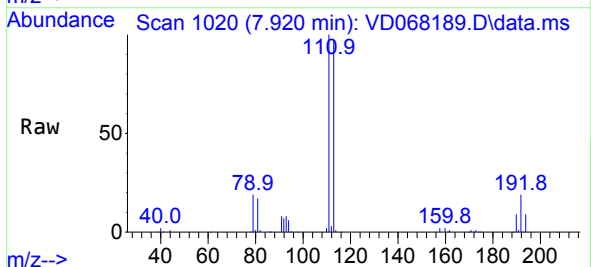
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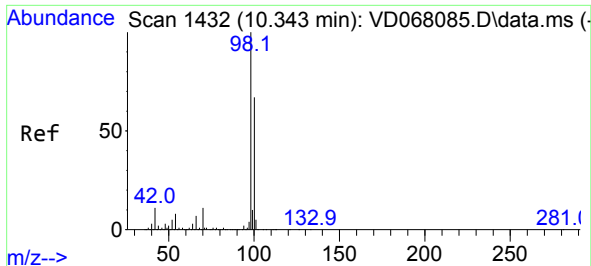
Tgt Ion:114 Resp: 973228
Ion Ratio Lower Upper
114 100
63 19.6 0.0 34.8
88 16.2 0.0 31.6



#35
Dibromofluoromethane
Concen: 54.34 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068189.D
Acq: 26 Jan 2021 16:33

Tgt Ion:113 Resp: 292360
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 18.6 16.1 24.1

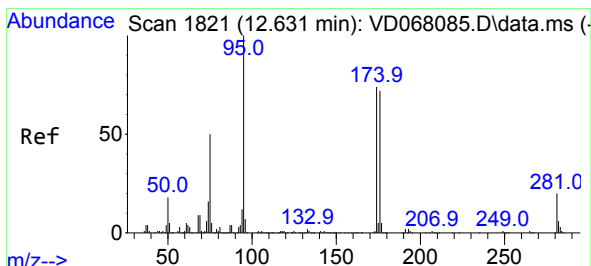
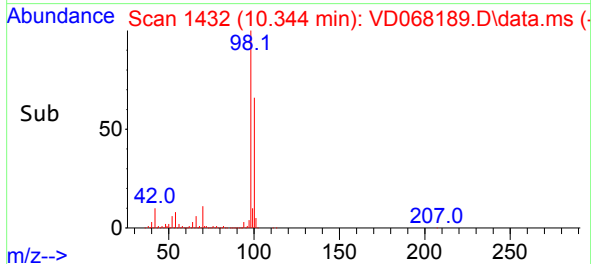
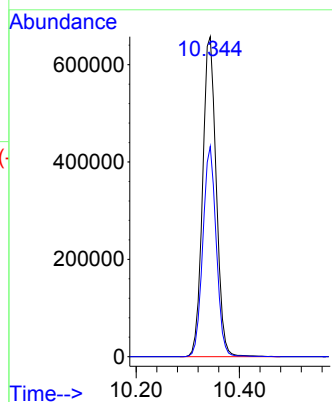
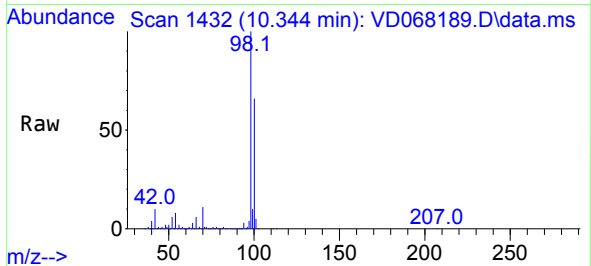




#50
Toluene-d8
Concen: 55.75 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068189.D
Acq: 26 Jan 2021 16:33

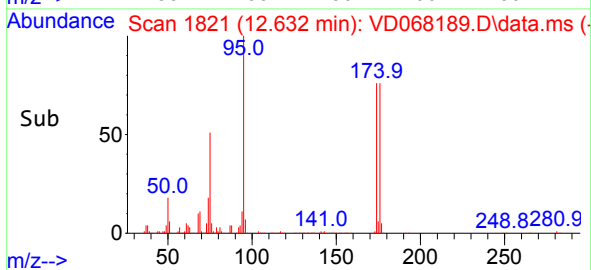
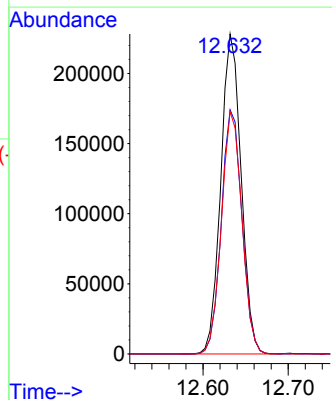
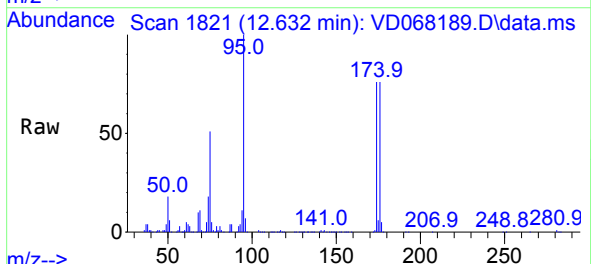
Instrument :
MSVOA_D
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HD-02-012621

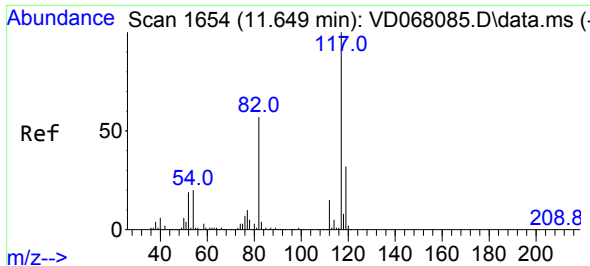
Tgt Ion: 98 Resp: 1199764
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.91 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068189.D
Acq: 26 Jan 2021 16:33

Tgt Ion: 95 Resp: 379110
Ion Ratio Lower Upper
95 100
174 77.2 0.0 172.4
176 76.3 0.0 168.4

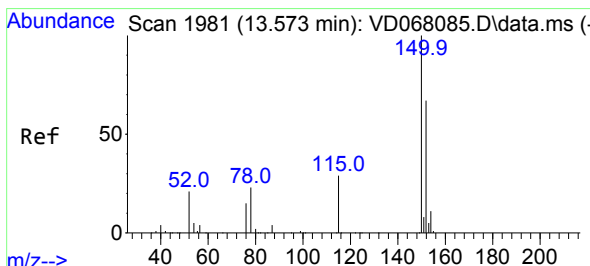
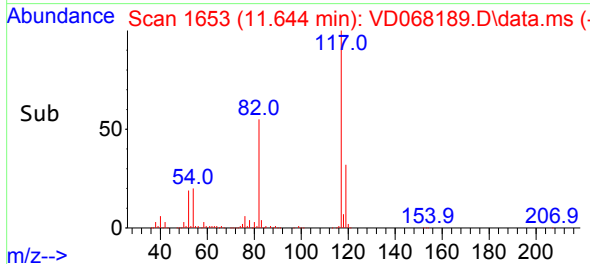
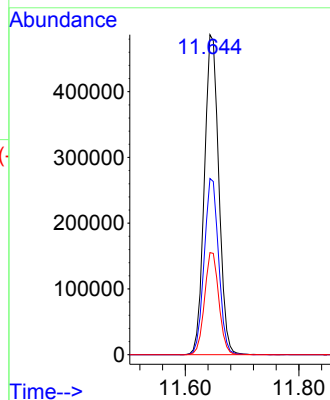
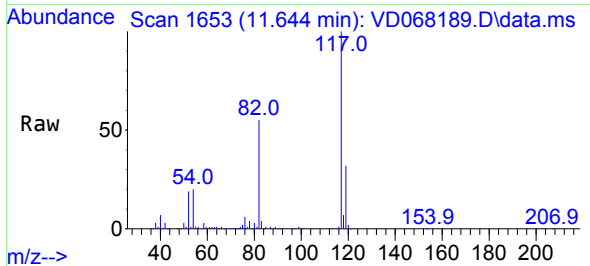




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068189.D
Acq: 26 Jan 2021 16:33

Instrument :
MSVOA_D
ClientSampleId :
HD-02-012621

Tgt Ion:117 Resp: 855133
Ion Ratio Lower Upper
117 100
82 55.0 41.4 62.0
119 31.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068189.D
Acq: 26 Jan 2021 16:33

Tgt Ion:152 Resp: 363155
Ion Ratio Lower Upper
152 100
115 59.3 28.9 86.8
150 158.8 0.0 344.4

