

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012121\
 Data File : VD068140.D
 Acq On : 21 Jan 2021 18:36
 Operator : VA/SY
 Sample : M1188-04
 Misc : 5.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-SWITCH-GEAR

Quant Time: Jan 22 00:11:49 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	574078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	966275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	861981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	342772	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	295890	53.88	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.76%
35) Dibromofluoromethane	7.920	113	283794	53.12	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.24%
50) Toluene-d8	10.344	98	1198479	56.09	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.18%
62) 4-Bromofluorobenzene	12.632	95	389070	50.56	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.12%

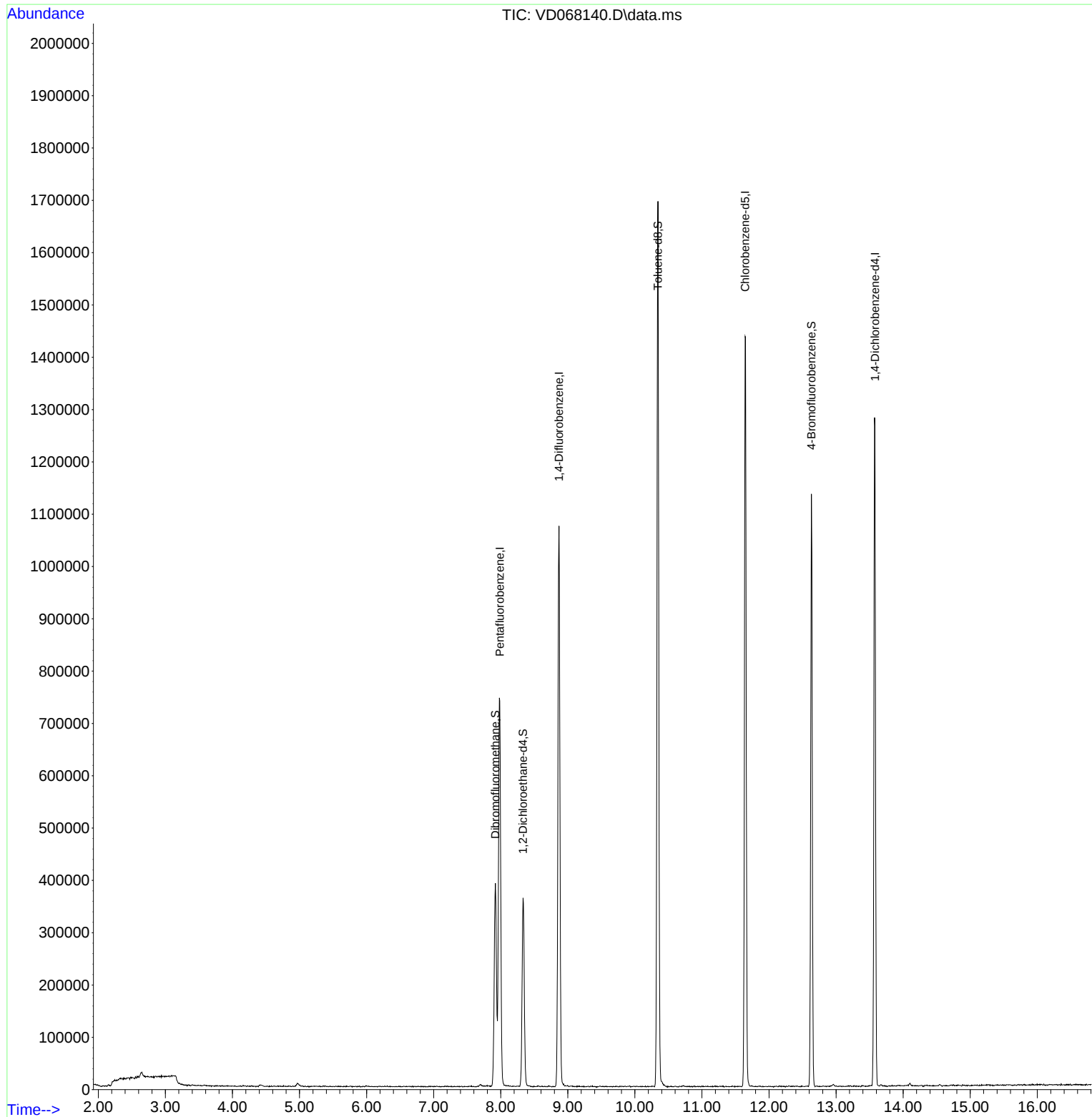
Target Compounds	Qvalue

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

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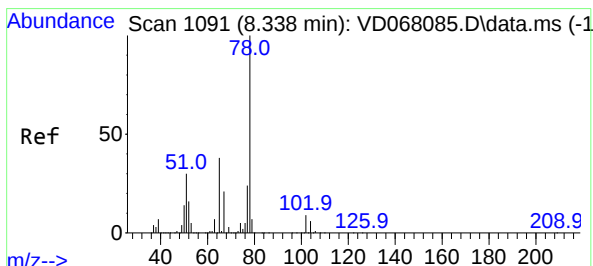
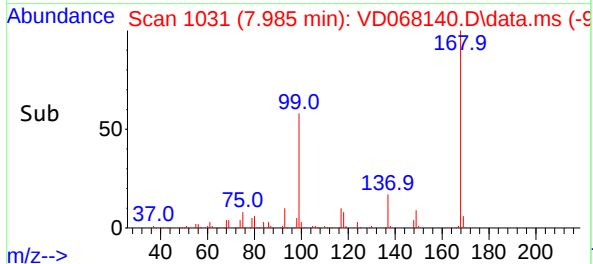
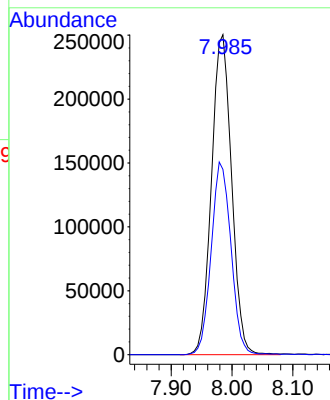
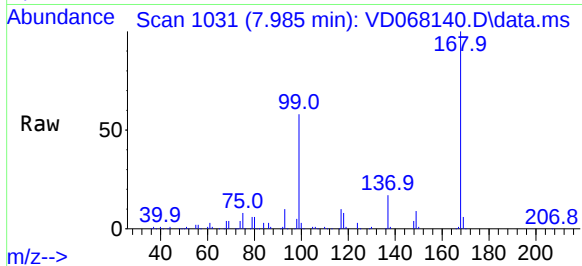




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068140.D
Acq: 21 Jan 2021 18:36

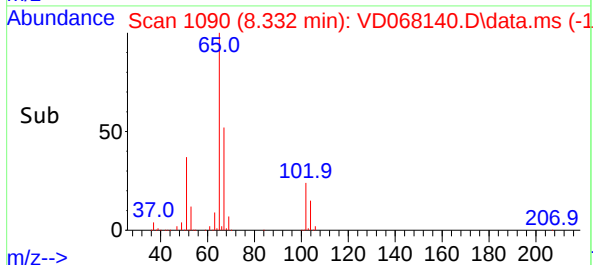
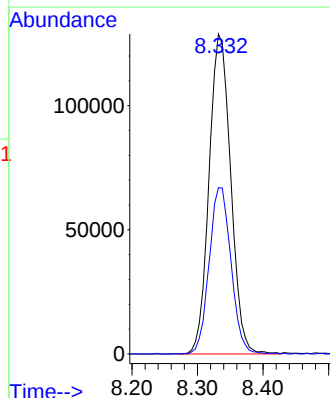
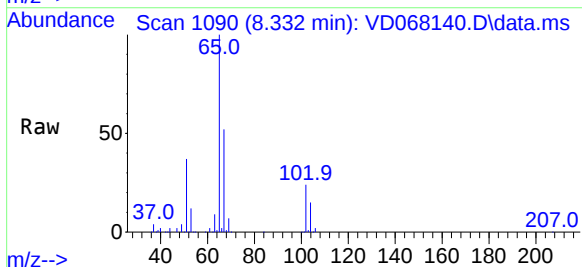
Instrument :
MSVOA_D
ClientSampleId :
TP-SWITCH-GEAR

Tgt Ion:168 Resp: 574078
Ion Ratio Lower Upper
168 100
99 57.9 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 53.88 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068140.D
Acq: 21 Jan 2021 18:36

Tgt Ion: 65 Resp: 295890
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.0

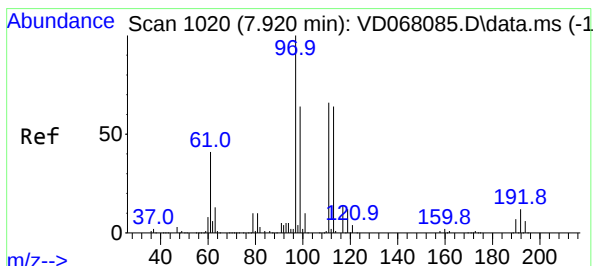
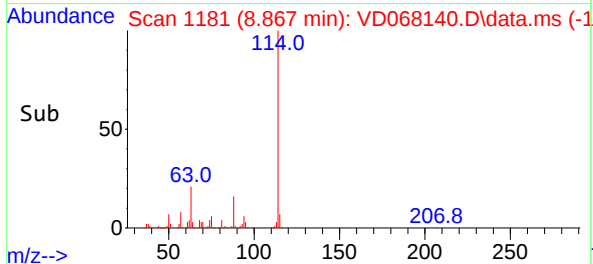
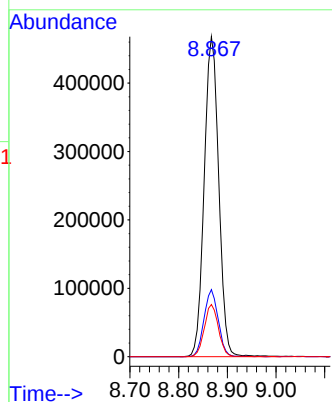
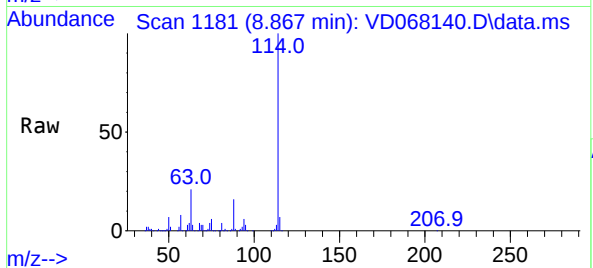




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068140.D
Acq: 21 Jan 2021 18:36

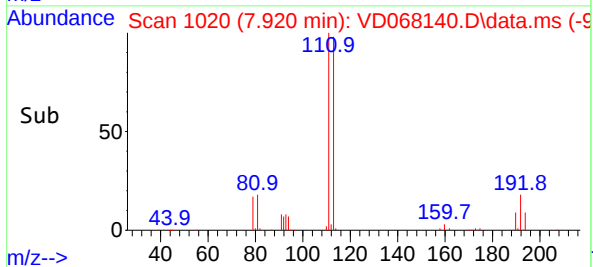
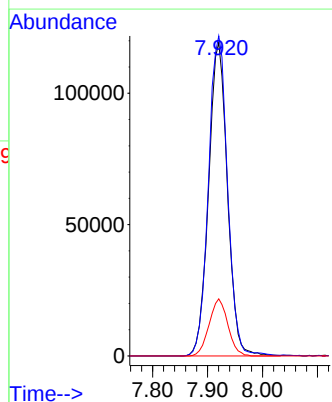
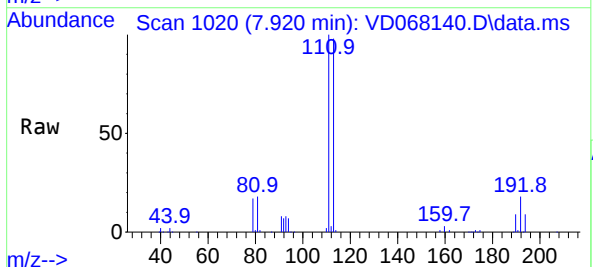
Instrument :
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ClientSampleId :
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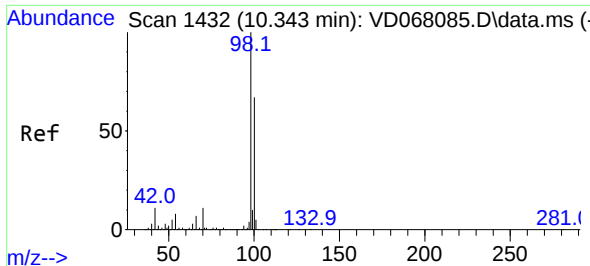
Tgt Ion:114 Resp: 966275
Ion Ratio Lower Upper
114 100
63 21.0 0.0 34.8
88 16.3 0.0 31.6



#35
Dibromofluoromethane
Concen: 53.12 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068140.D
Acq: 21 Jan 2021 18:36

Tgt Ion:113 Resp: 283794
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 18.2 16.1 24.1

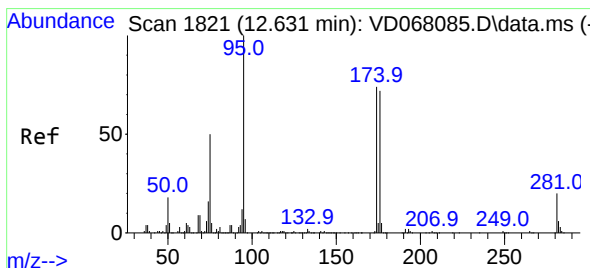
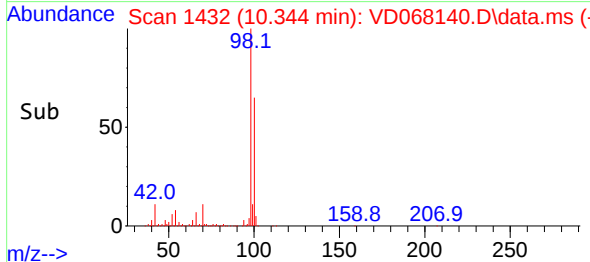
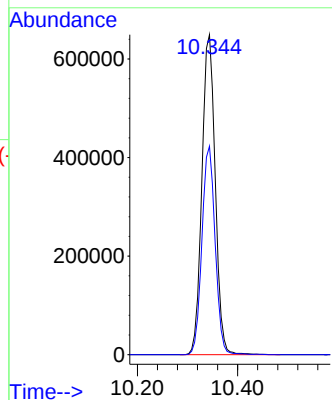
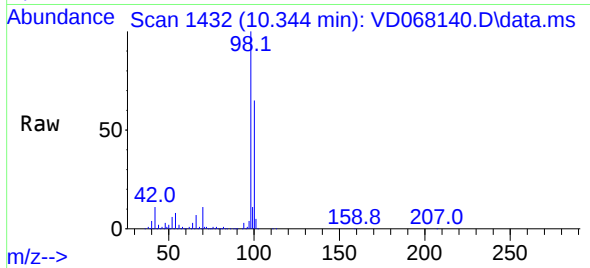




#50
Toluene-d8
Concen: 56.09 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068140.D
Acq: 21 Jan 2021 18:36

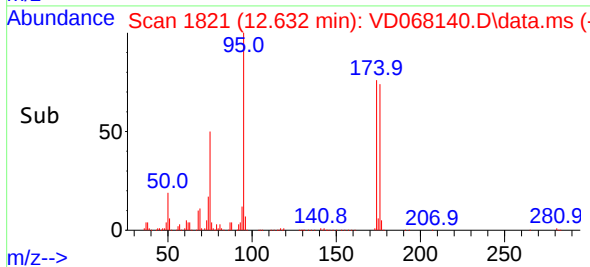
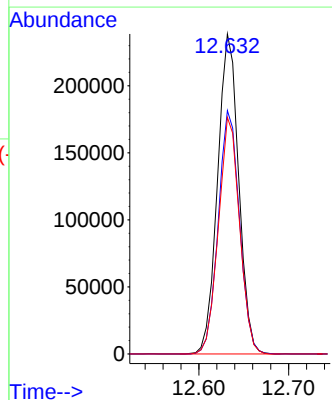
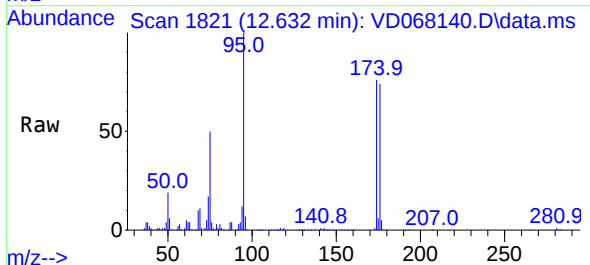
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 98 Resp: 1198479
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.56 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068140.D
Acq: 21 Jan 2021 18:36

Tgt Ion: 95 Resp: 389070
Ion Ratio Lower Upper
95 100
174 76.5 0.0 172.4
176 73.8 0.0 168.4



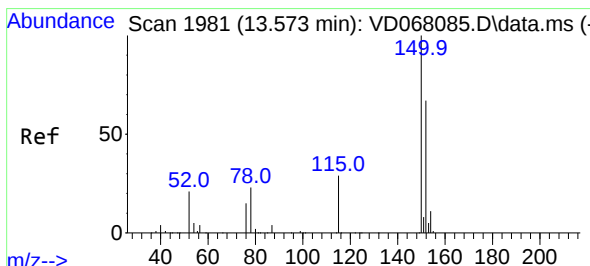
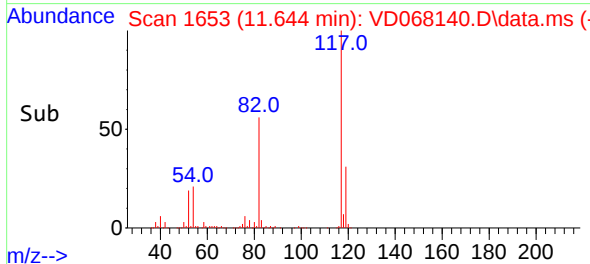
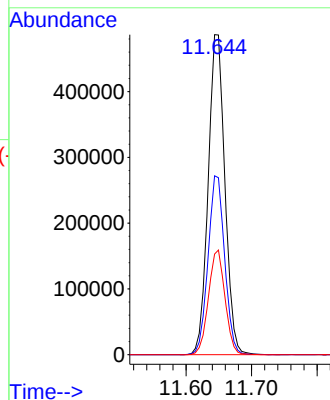
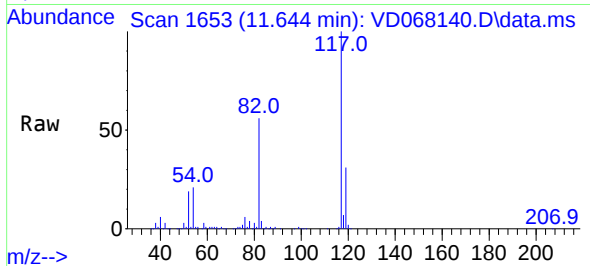


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068140.D
Acq: 21 Jan 2021 18:36

Instrument :
MSVOA_D
ClientSampleId :
TP-SWITCH-GEAR

Tgt Ion:117 Resp: 861981

Ion	Ratio	Lower	Upper
117	100		
82	55.9	41.4	62.0
119	31.4	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: VD068140.D
Acq: 21 Jan 2021 18:36

Tgt Ion:152 Resp: 342772

Ion	Ratio	Lower	Upper
152	100		
115	61.7	28.9	86.8
150	160.9	0.0	344.4

