

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012521\
 Data File : VD068166.D
 Acq On : 25 Jan 2021 13:40
 Operator : VA/SY
 Sample : M1220-05
 Misc : 5.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP1-C

Quant Time: Jan 26 00:08:04 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	22697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	38910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	34033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	13578	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	15573	71.72	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.44%
35) Dibromofluoromethane	7.914	113	9341	43.42	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.84%
50) Toluene-d8	10.343	98	46265	53.77	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.54%
62) 4-Bromofluorobenzene	12.632	95	15158	48.92	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.84%

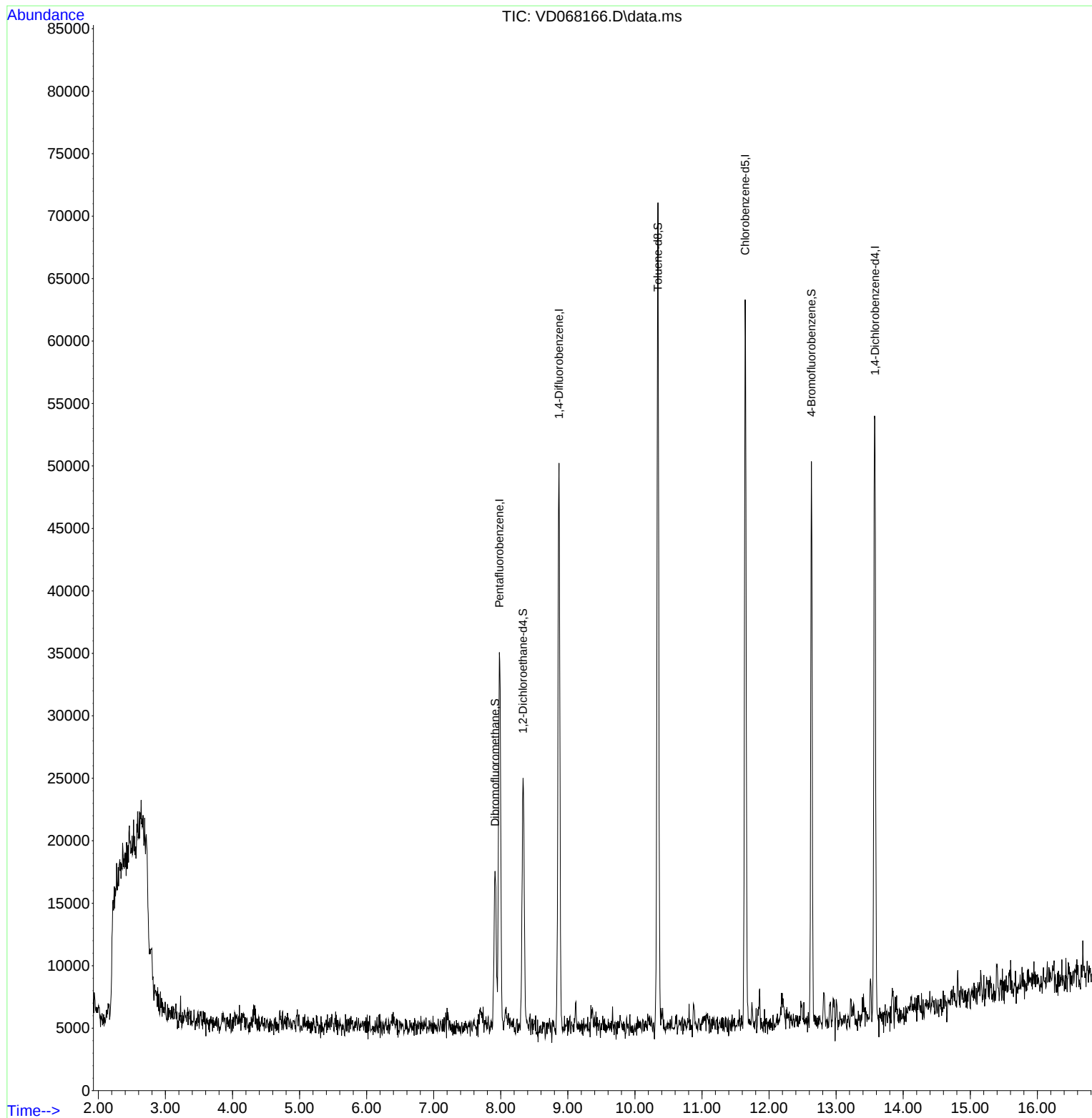
Target Compounds	Qvalue

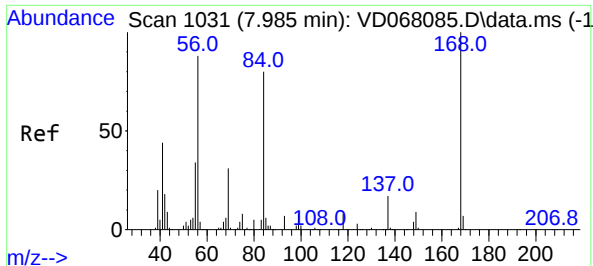
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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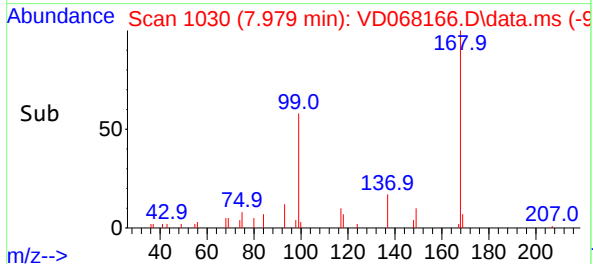
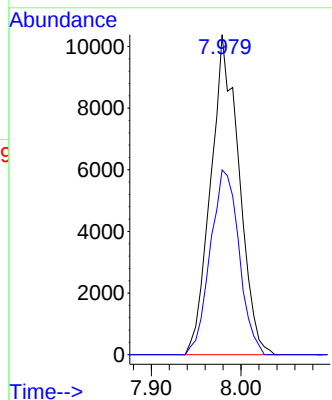
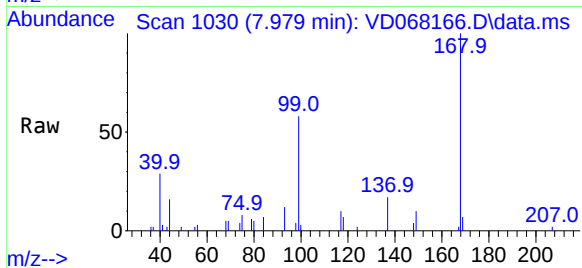




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD068166.D
 Acq: 25 Jan 2021 13:40

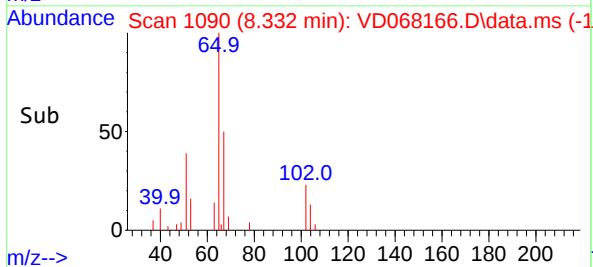
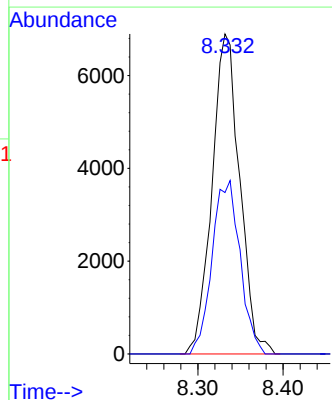
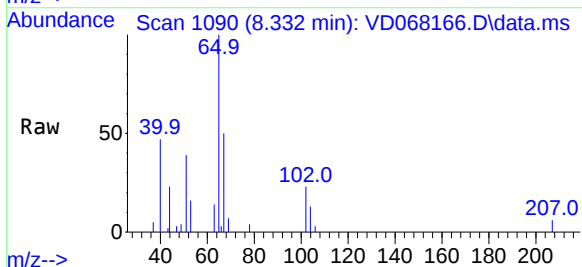
Instrument :
 MSVOA_D
 ClientSampled :
 SP1-C

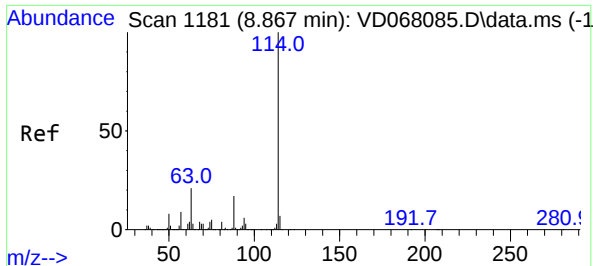
Tgt Ion:168 Resp: 22697
 Ion Ratio Lower Upper
 168 100
 99 57.7 43.5 65.3



1,2-Dichloroethane-d4
 Concen: 71.72 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VD068166.D
 Acq: 25 Jan 2021 13:40

Tgt Ion: 65 Resp: 15573
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 105.0



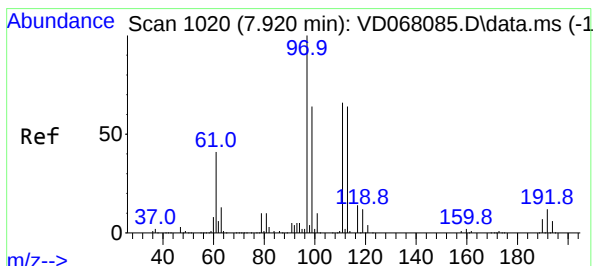
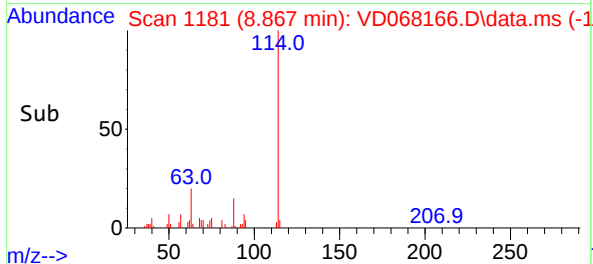
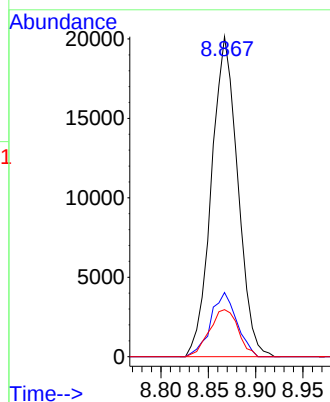
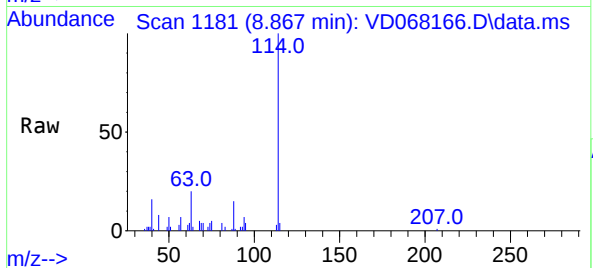


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

Instrument :
MSVOA_D
ClientSampleId :
SP1-C

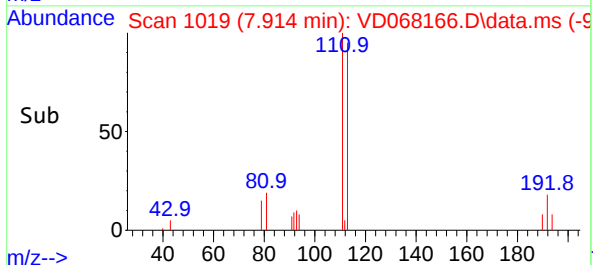
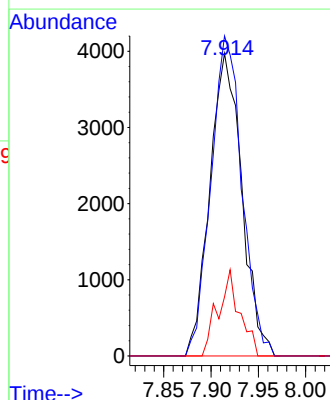
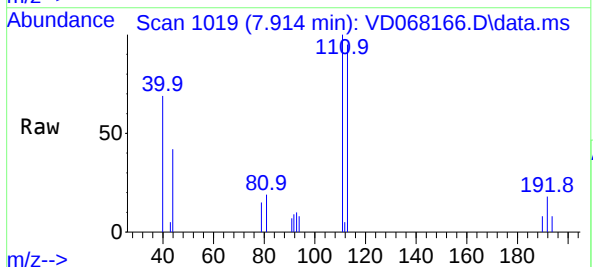
Tgt Ion:	114	Resp:	38910
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	34.8
88	14.7	0.0	31.6

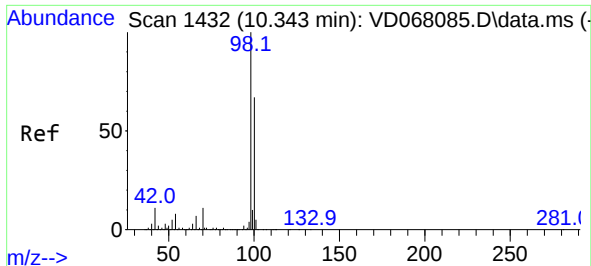


#35

Dibromofluoromethane
Concen: 43.42 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

Tgt Ion:	113	Resp:	9341
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	19.2	16.1	24.1

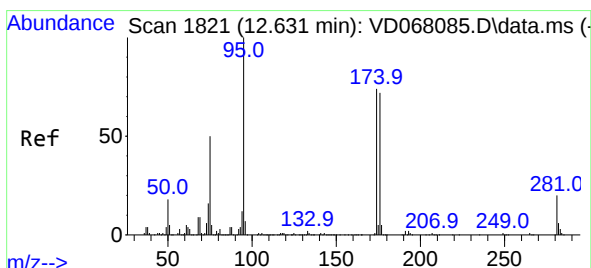
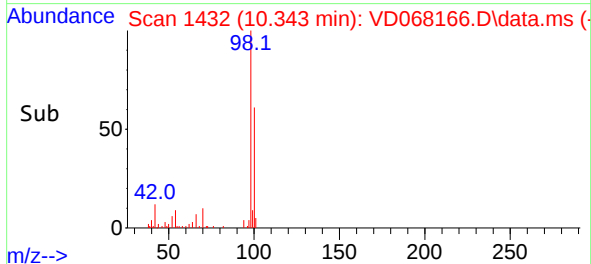
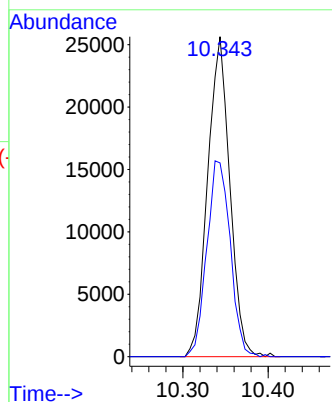
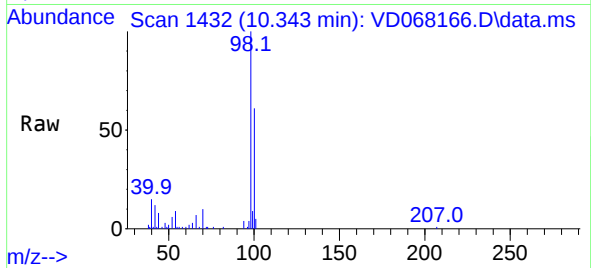




#50
Toluene-d8
Concen: 53.77 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

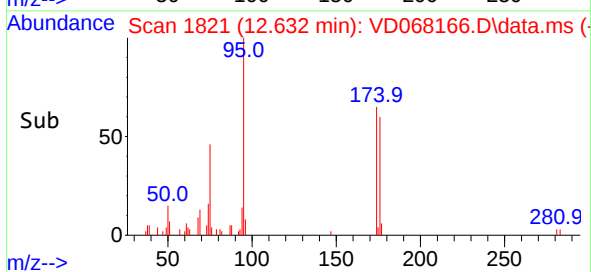
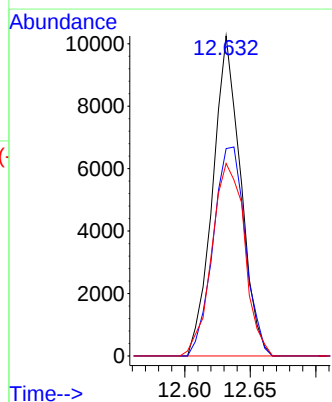
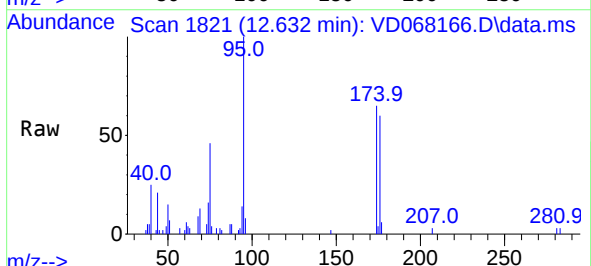
Instrument :
MSVOA_D
ClientSampleId :
SP1-C

Tgt Ion: 98 Resp: 46265
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.92 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

Tgt Ion: 95 Resp: 15158
Ion Ratio Lower Upper
95 100
174 75.0 0.0 172.4
176 70.5 0.0 168.4

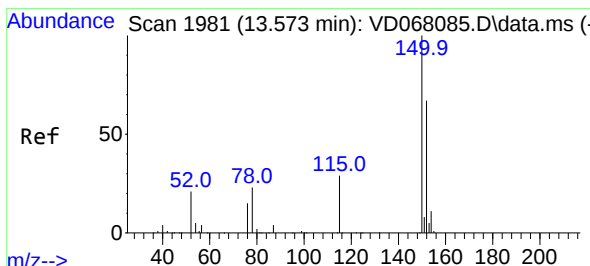
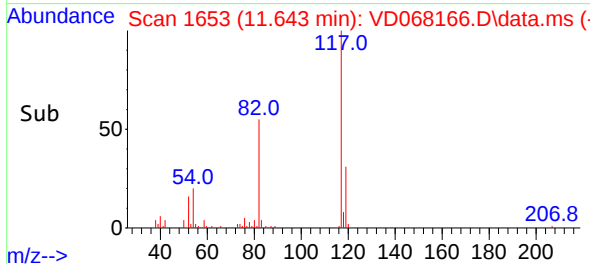
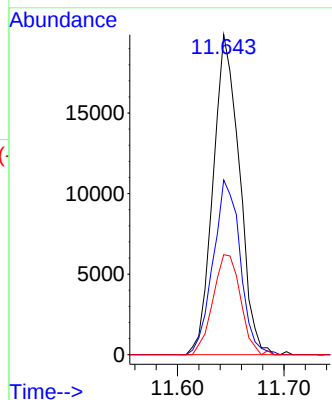
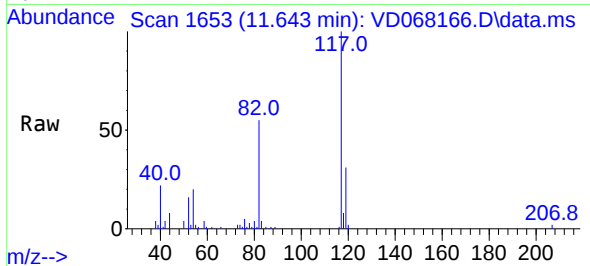




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

Instrument :
MSVOA_D
ClientSampleId :
SP1-C

Tgt Ion:	117	Resp:	34033
Ion	Ratio	Lower	Upper
117	100		
82	54.6	41.4	62.0
119	31.2	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: VD068166.D
Acq: 25 Jan 2021 13:40

Tgt Ion:	152	Resp:	13578
Ion	Ratio	Lower	Upper
152	100		
115	64.4	28.9	86.8
150	164.1	0.0	344.4

