

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
 Data File : VD069160.D
 Acq On : 13 May 2021 16:36
 Operator : VA/SY
 Sample : M2372-05
 Misc : 4.42G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-26598

Quant Time: May 14 01:22:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	8007	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	16246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	23152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	11418	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	8313	103.56	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 207.12%#	
35) Dibromofluoromethane	7.914	113	5603	53.00	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.00%	
50) Toluene-d8	10.338	98	25358	65.28	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 130.56%	
62) 4-Bromofluorobenzene	12.626	95	10252	82.02	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 164.04%#	

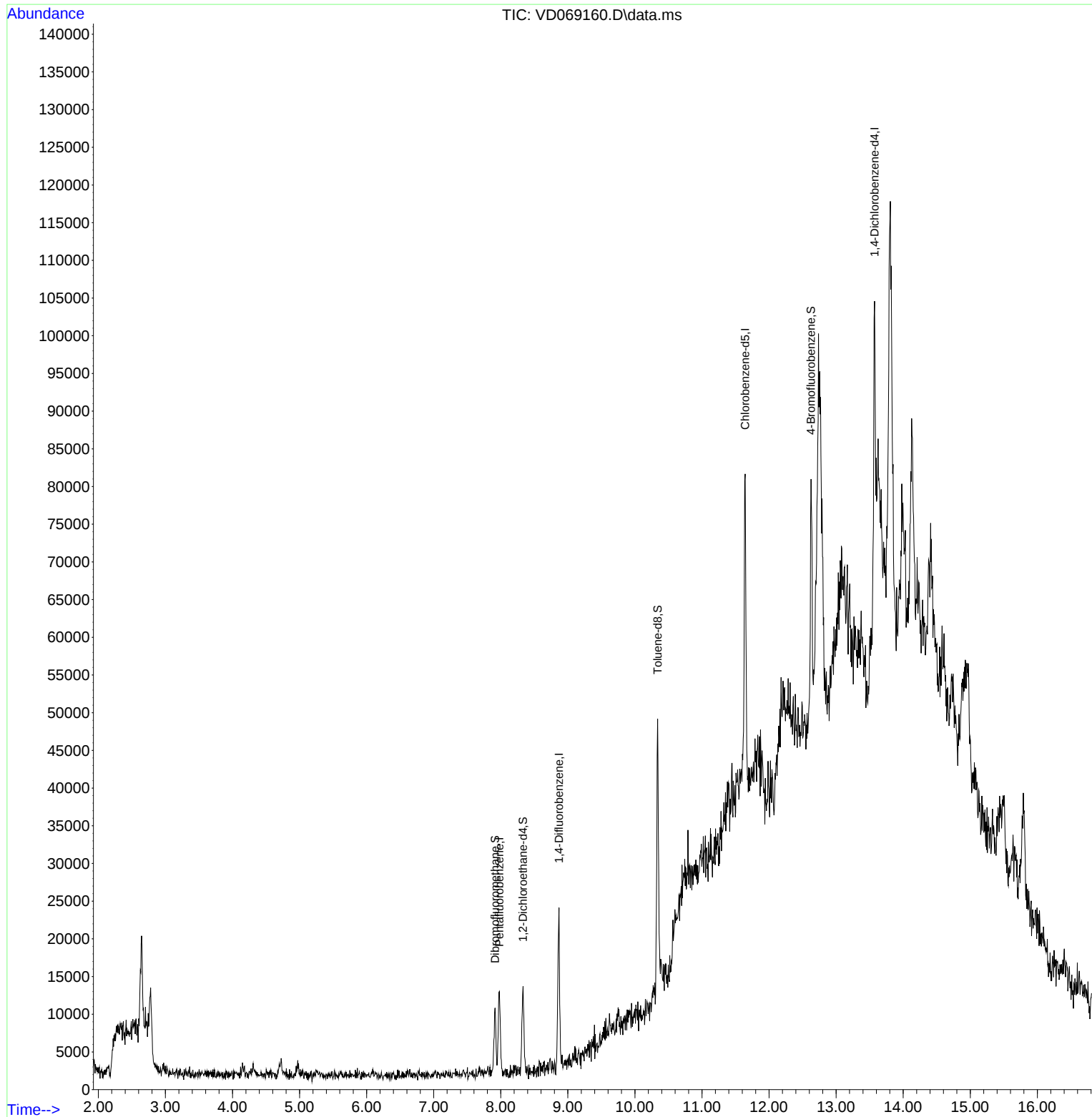
Target Compounds	Qvalue

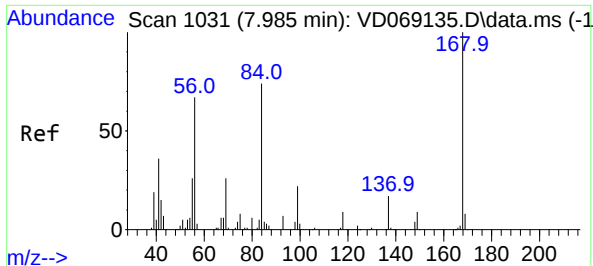
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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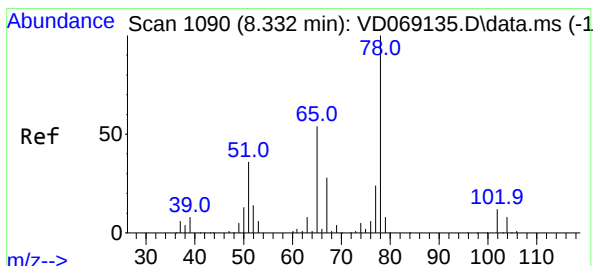
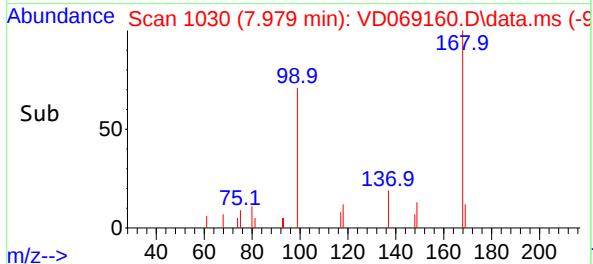
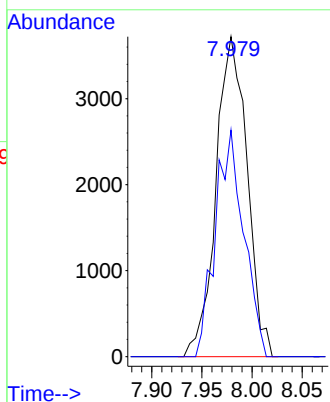
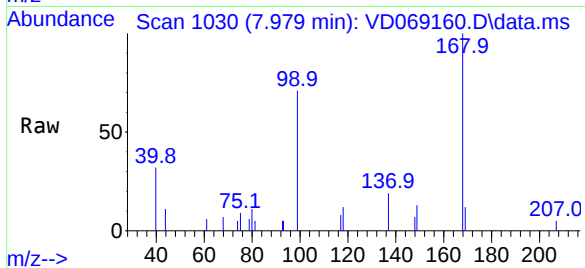




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD069160.D
 Acq: 13 May 2021 16:36

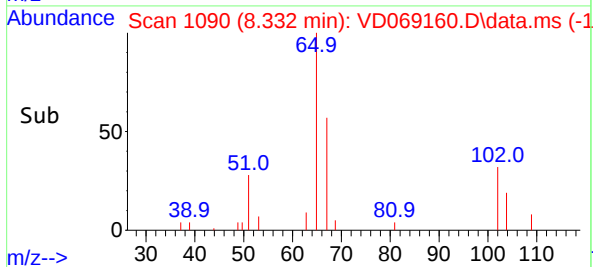
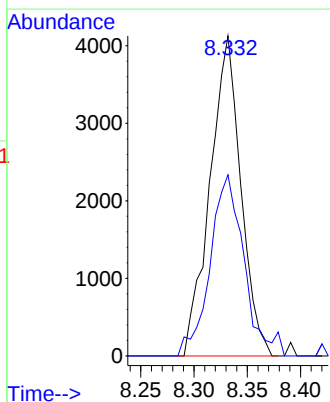
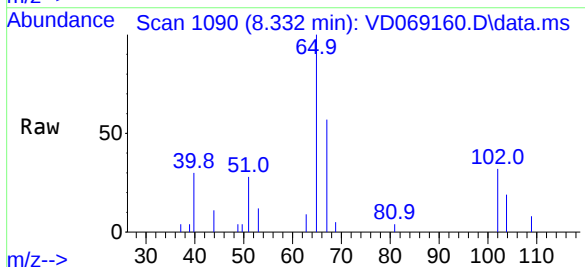
Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-26598

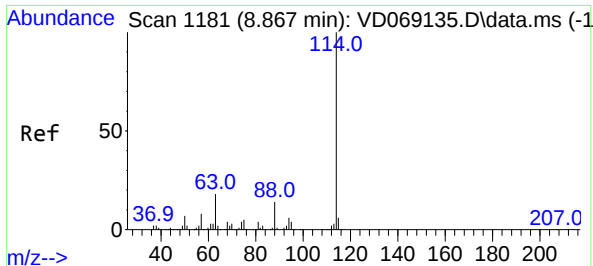
Tgt Ion:168 Resp: 8007
 Ion Ratio Lower Upper
 168 100
 99 70.8 47.2 70.8#



1,2-Dichloroethane-d4
 Concen: 103.56 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VD069160.D
 Acq: 13 May 2021 16:36

Tgt Ion: 65 Resp: 8313
 Ion Ratio Lower Upper
 65 100
 67 62.2 0.0 108.0



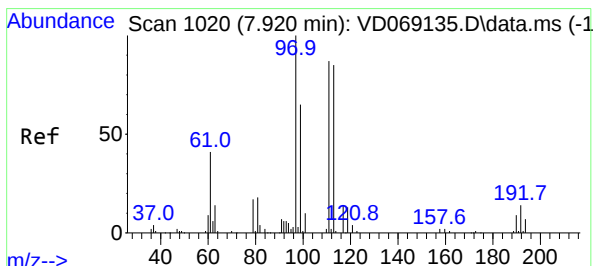
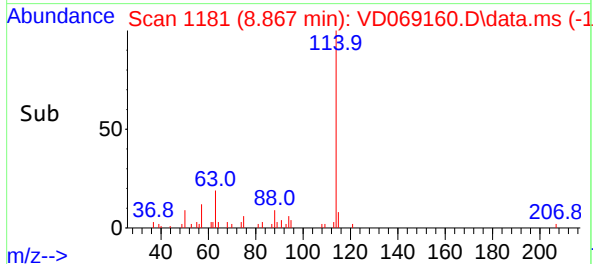
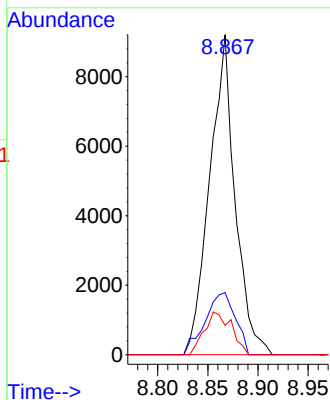
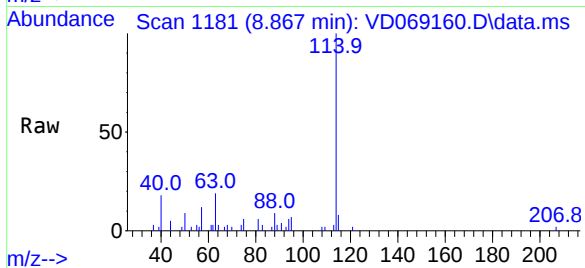


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069160.D
Acq: 13 May 2021 16:36

Instrument :
MSVOA_D
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CHRT-26598

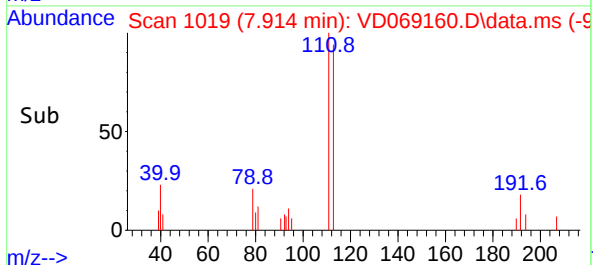
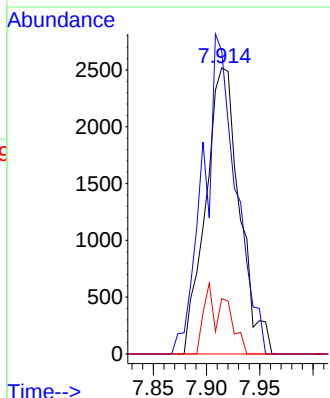
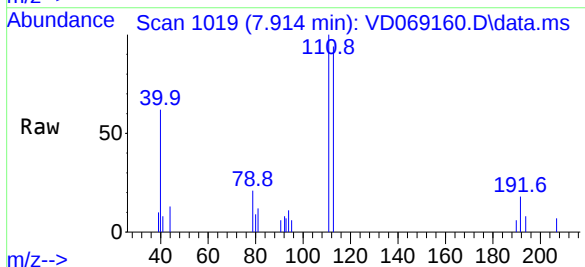
Tgt Ion:	114	Resp:	16246
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	36.4
88	9.2	0.0	28.2

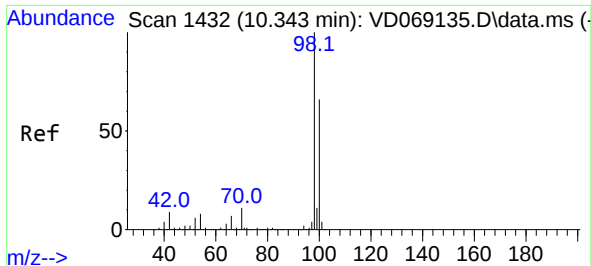


#35

Dibromofluoromethane
Concen: 53.00 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069160.D
Acq: 13 May 2021 16:36

Tgt Ion:	113	Resp:	5603
Ion	Ratio	Lower	Upper
113	100		
111	107.6	80.6	120.8
192	7.4	14.8	22.2

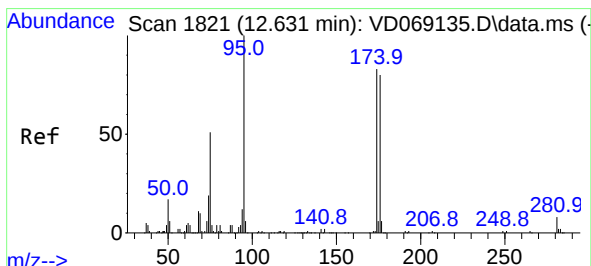
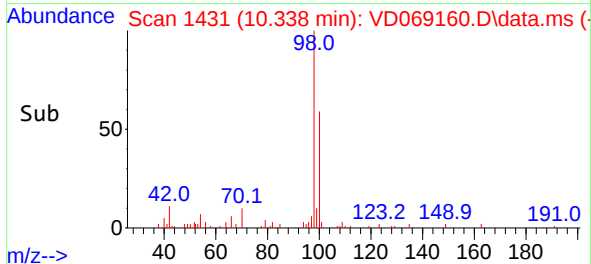
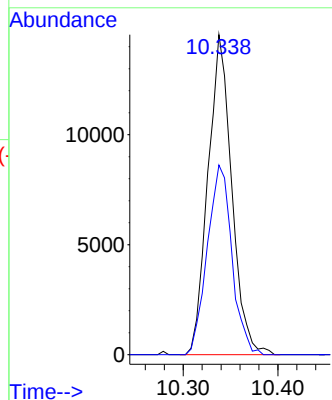
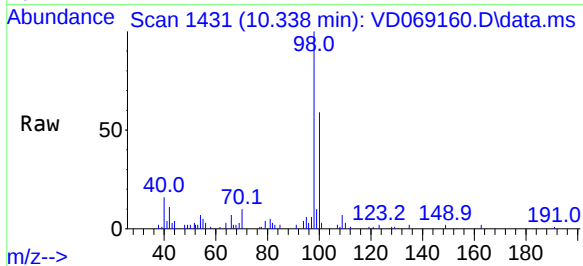




#50
Toluene-d8
Concen: 65.28 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069160.D
Acq: 13 May 2021 16:36

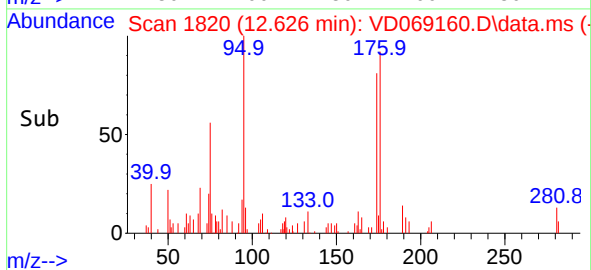
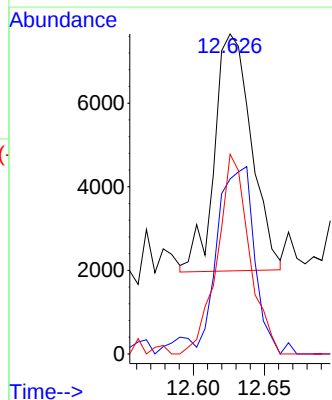
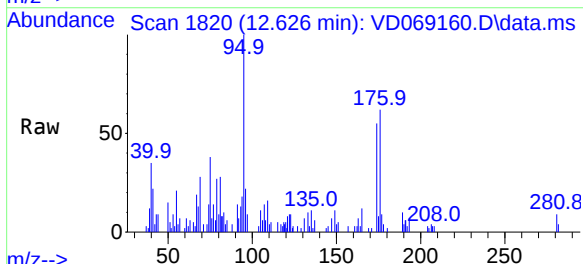
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26598

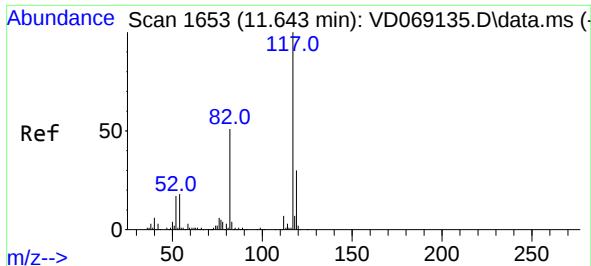
Tgt Ion: 98 Resp: 25358
Ion Ratio Lower Upper
98 100
100 61.3 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 82.02 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069160.D
Acq: 13 May 2021 16:36

Tgt Ion: 95 Resp: 10252
Ion Ratio Lower Upper
95 100
174 83.7 0.0 171.8
176 73.0 0.0 165.4

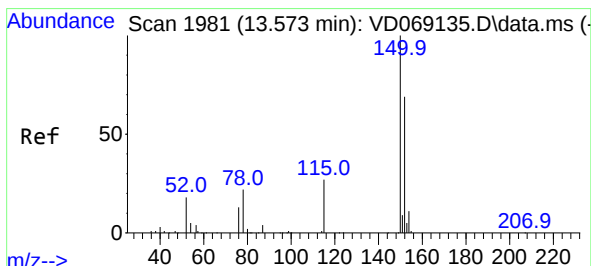
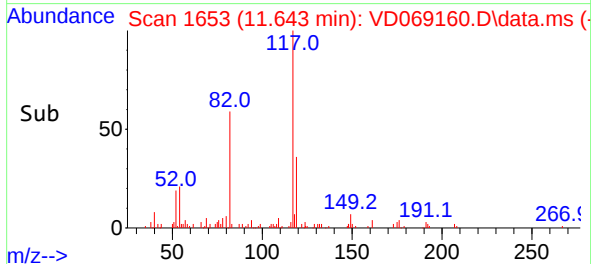
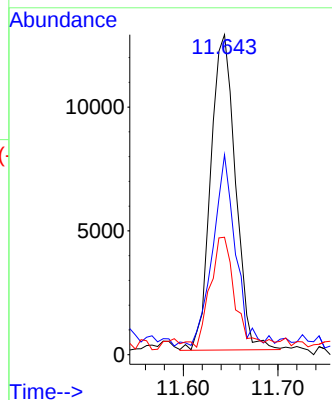
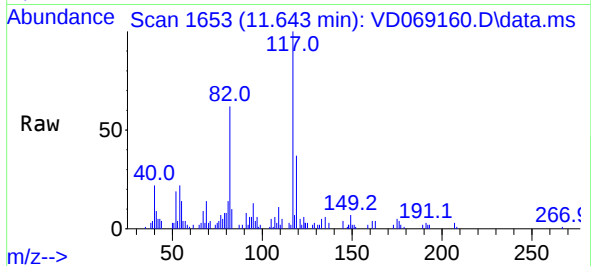




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069160.D
Acq: 13 May 2021 16:36

Instrument :
MSVOA_D
ClientSampleId :
CHRT-26598

Tgt Ion:	117	Resp:	23152
Ion	Ratio	Lower	Upper
117	100		
82	59.4	40.5	60.7
119	33.8	24.2	36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069160.D
Acq: 13 May 2021 16:36

Tgt Ion:	152	Resp:	11418
Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.9	89.8
150	154.0	0.0	350.2

