

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030521\
 Data File : VD068548.D
 Acq On : 05 Mar 2021 17:21
 Operator : VA/SY
 Sample : M1582-04
 Misc : 5.15G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-363

Quant Time: Mar 05 23:13:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

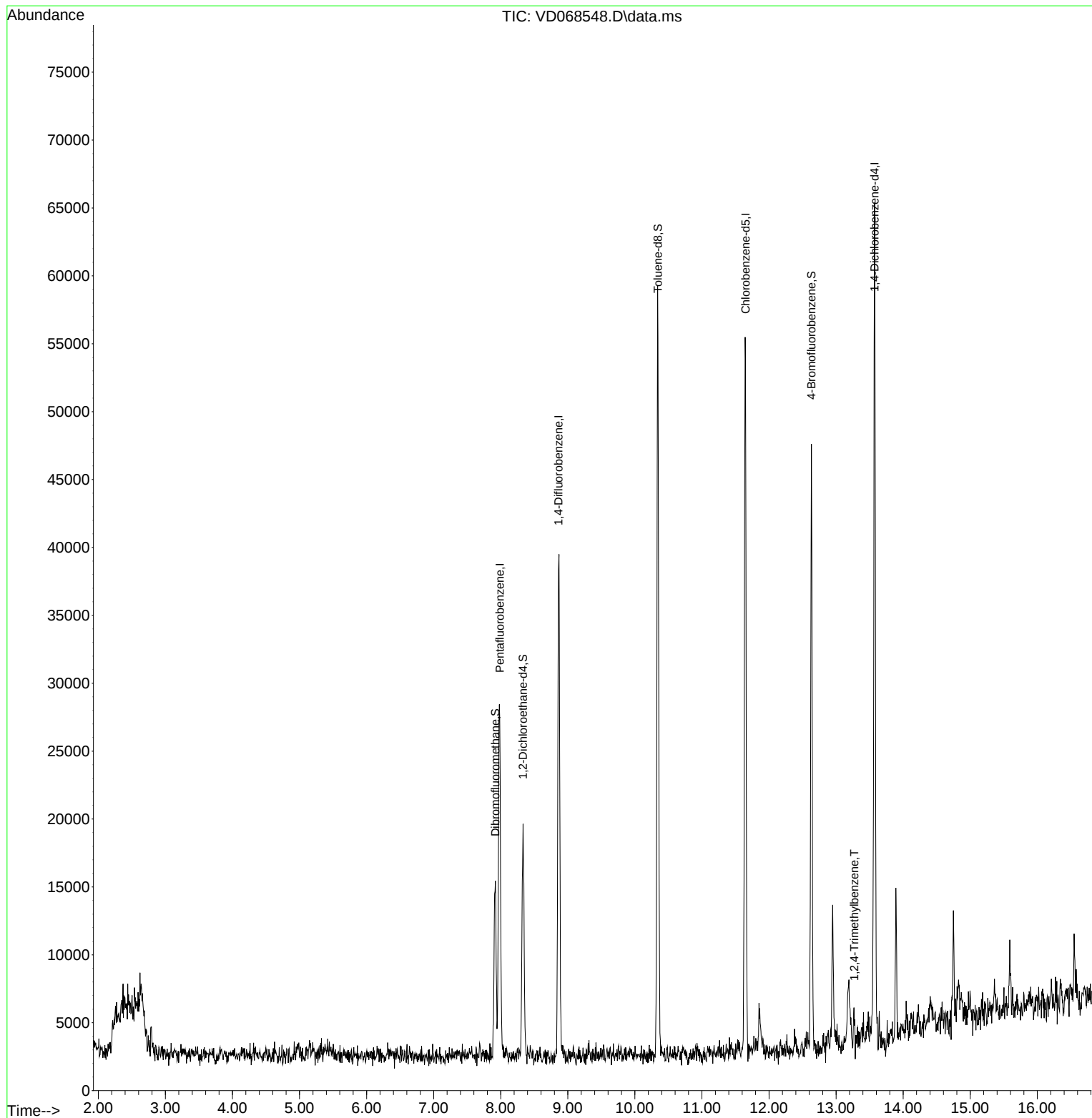
Internal Standards						
1) Pentafluorobenzene	7.985	168	21270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	33942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	33121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	16075	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	13171	61.98	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.96%	
35) Dibromofluoromethane	7.920	113	9451	46.22	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.44%	
50) Toluene-d8	10.344	98	39400	48.38	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.76%	
62) 4-Bromofluorobenzene	12.632	95	14142	53.88	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.76%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.273	105	1594	1.63	ug/l	Qvalue 96

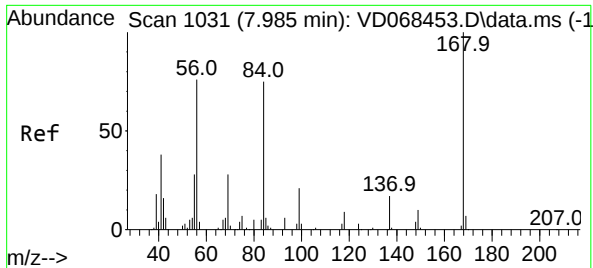
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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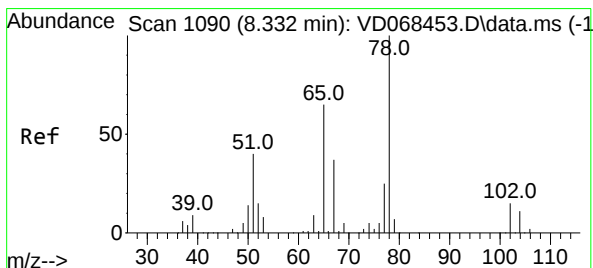
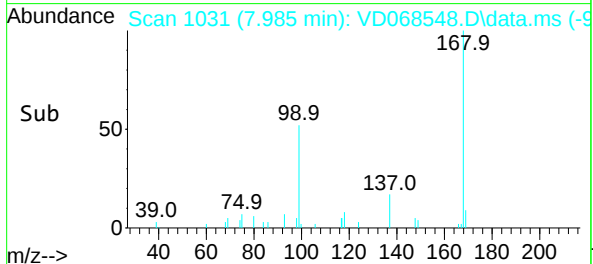
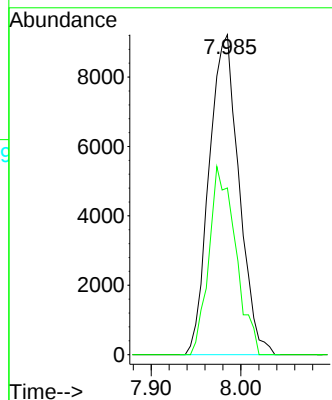
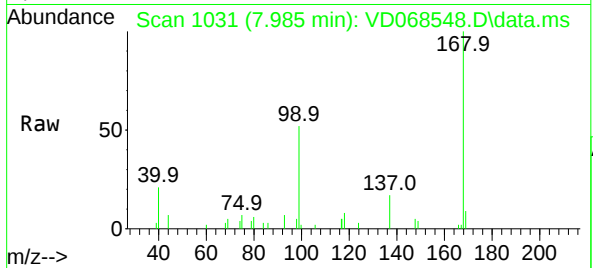




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21

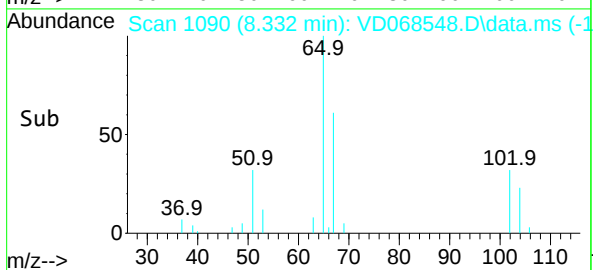
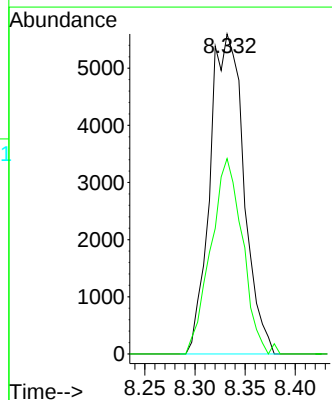
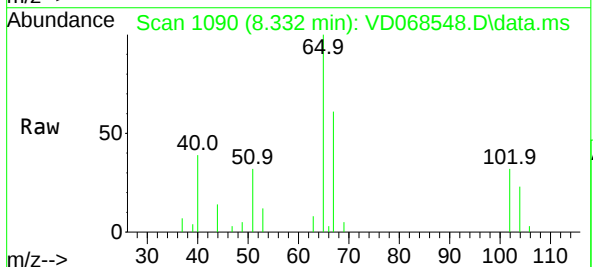
Instrument :
MSVOA_D
ClientSampled :
RO-363

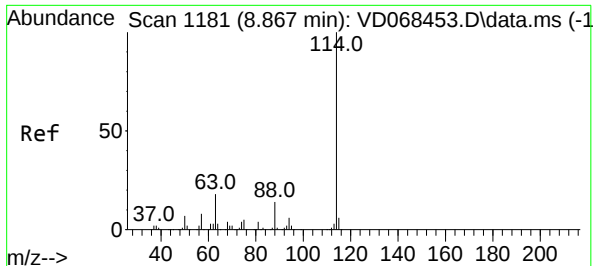
Tgt Ion:168 Resp: 21270
Ion Ratio Lower Upper
168 100
99 52.1 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 61.98 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21

Tgt Ion: 65 Resp: 13171
Ion Ratio Lower Upper
65 100
67 57.2 0.0 105.0



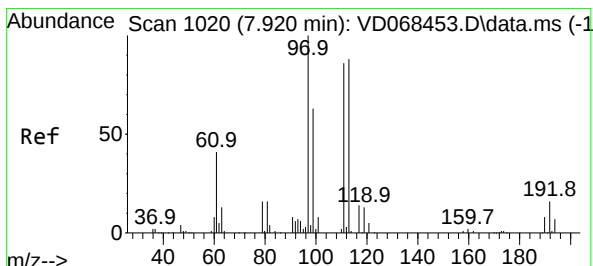
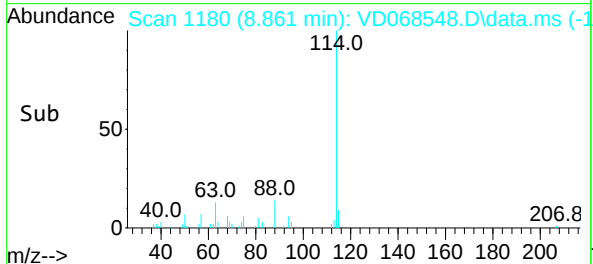
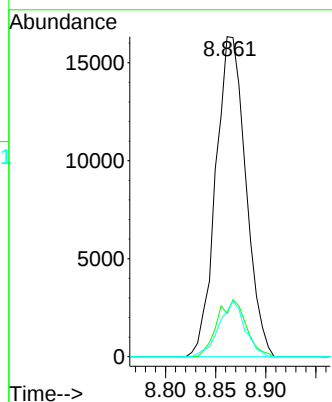
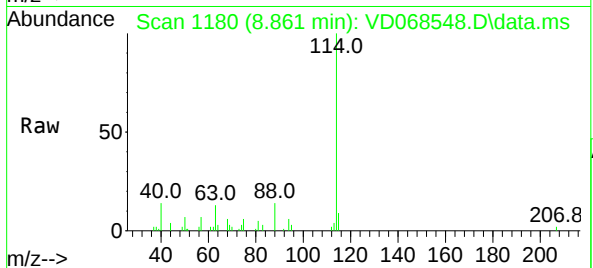


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.005 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21

Instrument :
MSVOA_D
ClientSampled :
RO-363

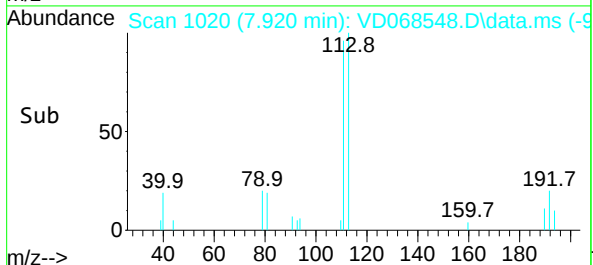
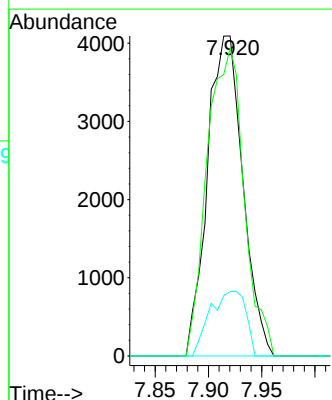
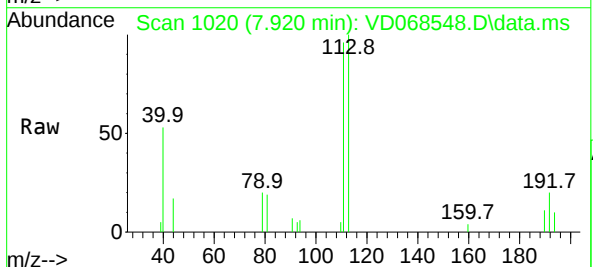
Tgt Ion:	114	Resp:	33942
Ion Ratio	Lower	Upper	
114	100		
63	13.5	0.0	34.8
88	14.3	0.0	31.6

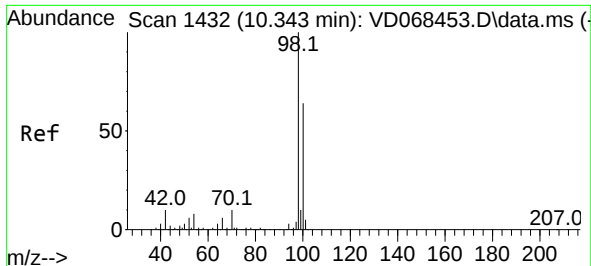


#35

Dibromofluoromethane
Concen: 46.22 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21

Tgt Ion:	113	Resp:	9451
Ion Ratio	Lower	Upper	
113	100		
111	100.4	81.4	122.0
192	20.4	16.1	24.1

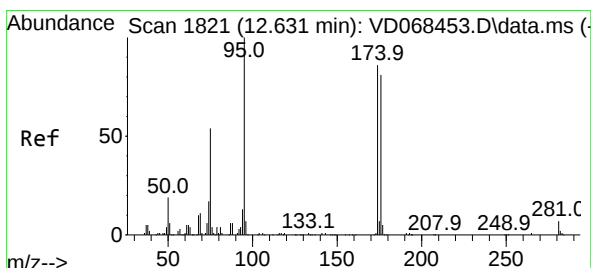
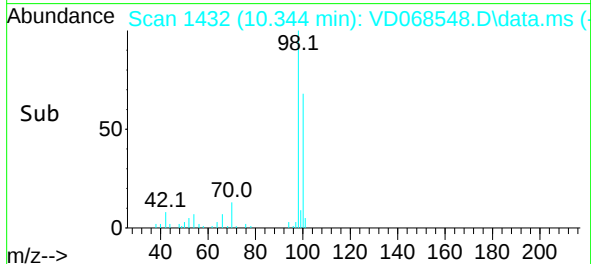
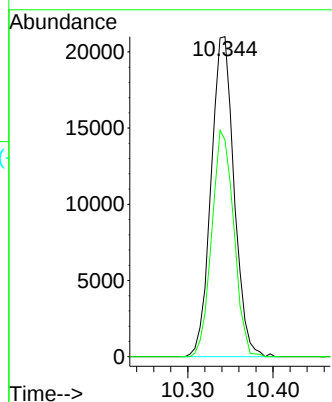
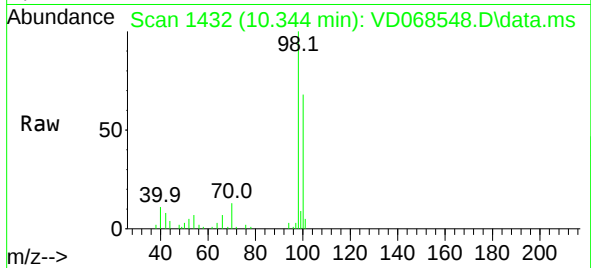




#50
Toluene-d8
Concen: 48.38 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21

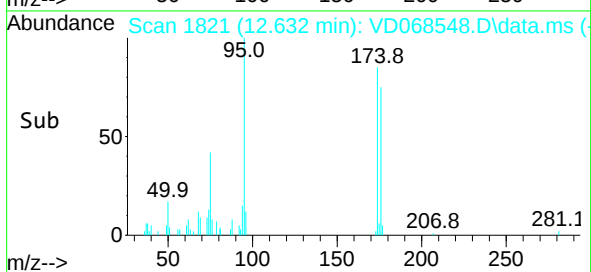
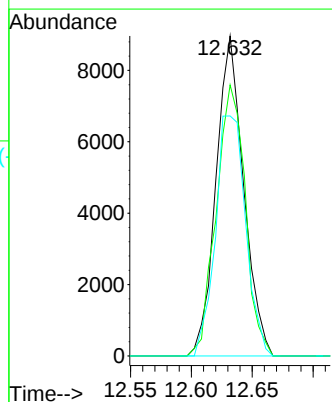
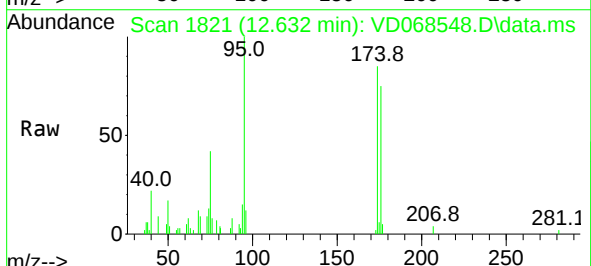
Instrument :
MSVOA_D
ClientSampleId :
RO-363

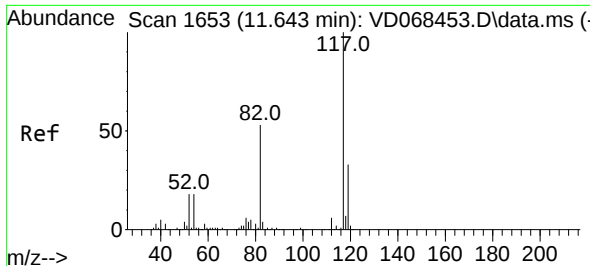
Tgt Ion: 98 Resp: 39400
Ion Ratio Lower Upper
98 100
100 67.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.88 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21

Tgt Ion: 95 Resp: 14142
Ion Ratio Lower Upper
95 100
174 88.8 0.0 172.4
176 82.2 0.0 168.4

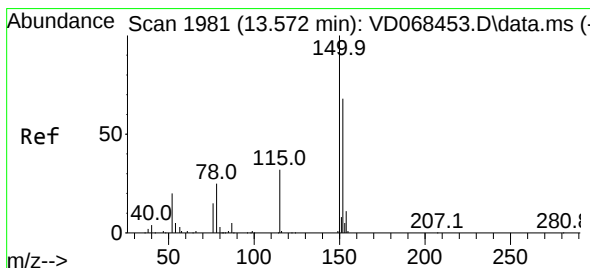
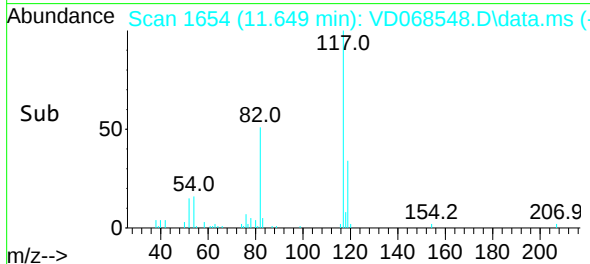
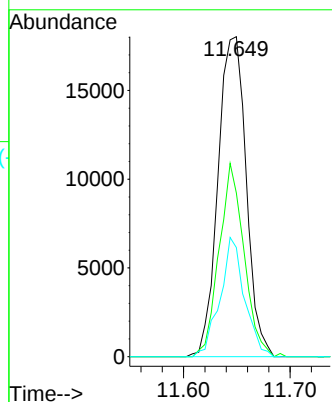
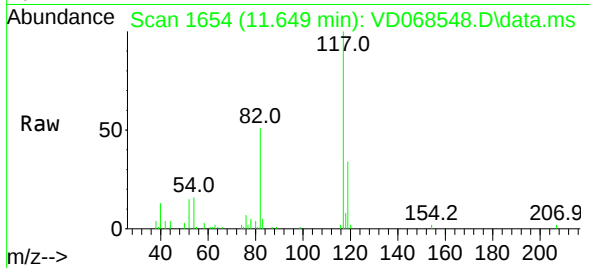




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.006 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21

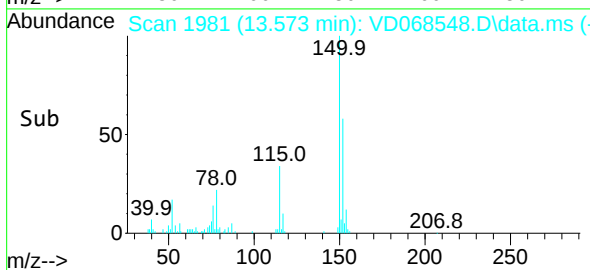
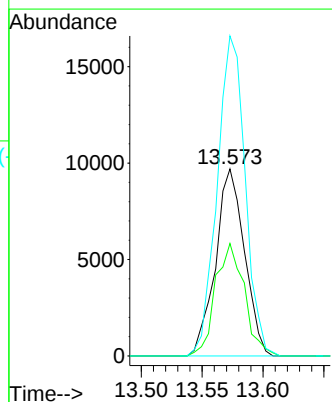
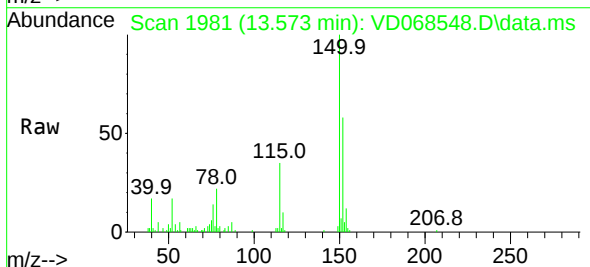
Instrument :
MSVOA_D
ClientSampled :
RO-363

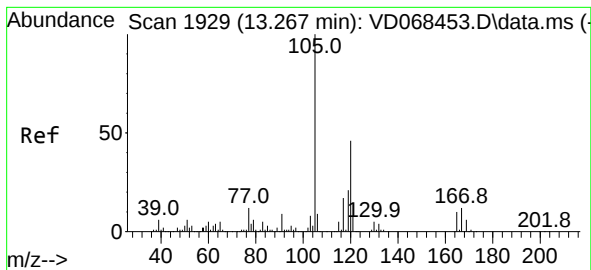
Tgt Ion:117 Resp: 33121
Ion Ratio Lower Upper
117 100
82 51.2 41.4 62.0
119 34.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21

Tgt Ion:152 Resp: 16075
Ion Ratio Lower Upper
152 100
115 59.9 28.9 86.8
150 165.6 0.0 344.4





#84
 1,2,4-Trimethylbenzene
 Concen: 1.63 ug/l
 RT: 13.273 min Scan# 1930
 Delta R.T. 0.006 min
 Lab File: VD068548.D
 Acq: 05 Mar 2021 17:21

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-363

Tgt Ion:105 Resp: 1594
 Ion Ratio Lower Upper
 105 100
 120 47.2 22.4 67.0

