

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090120\
 Data File : VD066507.D
 Acq On : 01 Sep 2020 20:19
 Operator : VA/SY
 Sample : L3849-04
 Misc : 7.89G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 232

Quant Time: Sep 02 02:03:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	189380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	274779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	258821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	134031	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	103439	55.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.42%	
35) Dibromofluoromethane	7.91	113	86569	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
50) Toluene-d8	10.34	98	328272	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
62) 4-Bromofluorobenzene	12.63	95	116008	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	

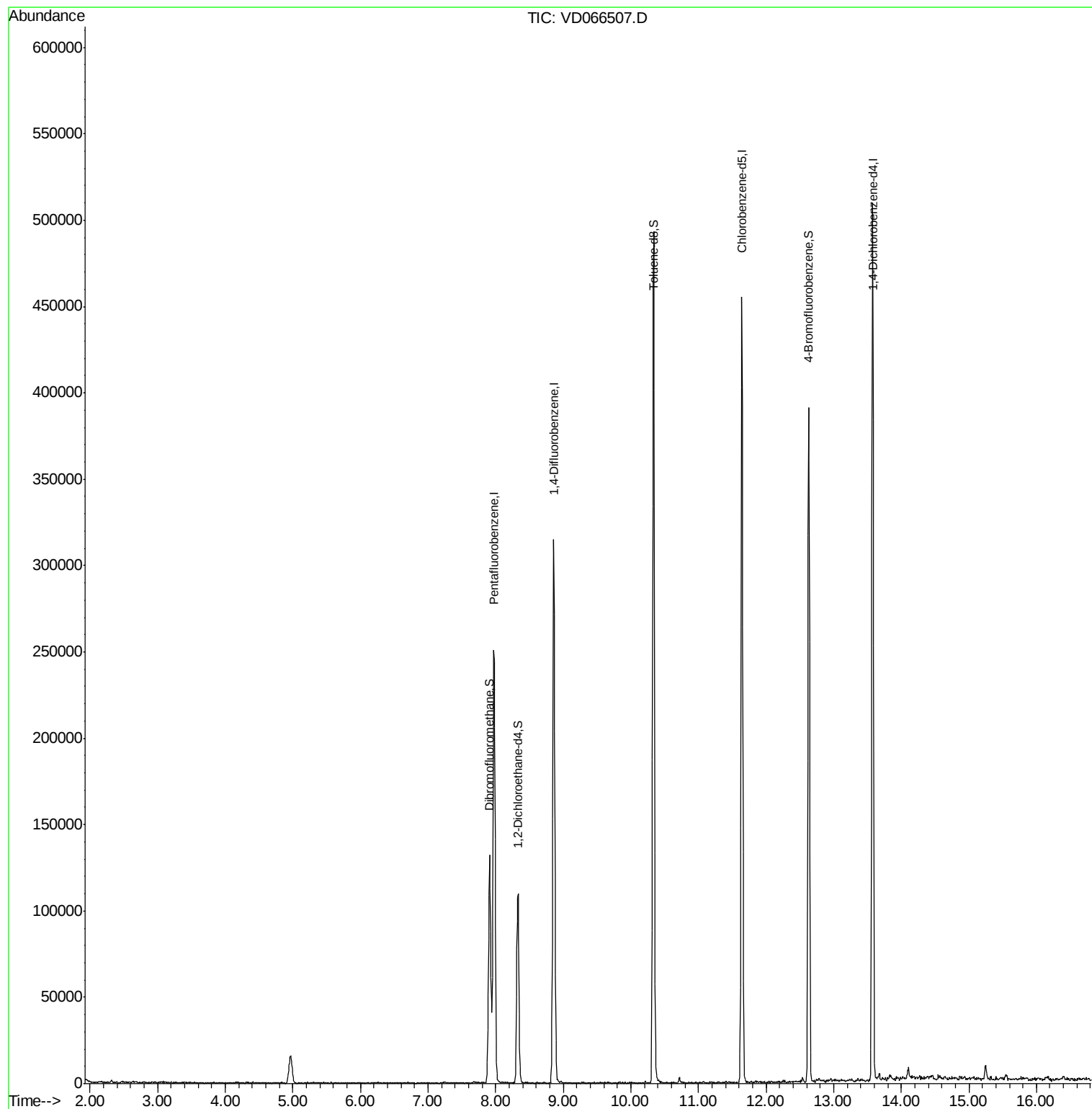
Target Compounds	Qvalue
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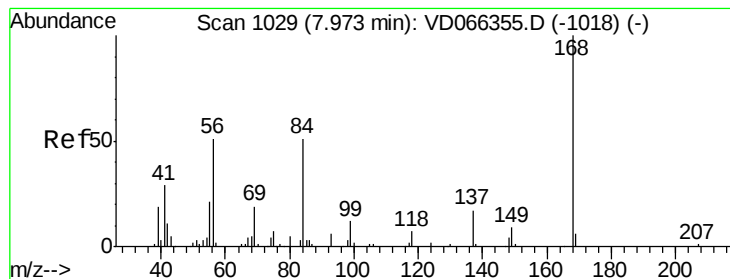
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090120\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066507.D

Acq: 01 Sep 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

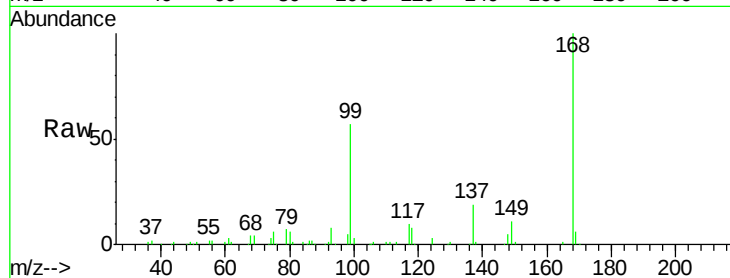
232

Tot Ion:168 Resp: 189380

Ion Ratio Lower Upper

168 100

99 56.8 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

80000

60000

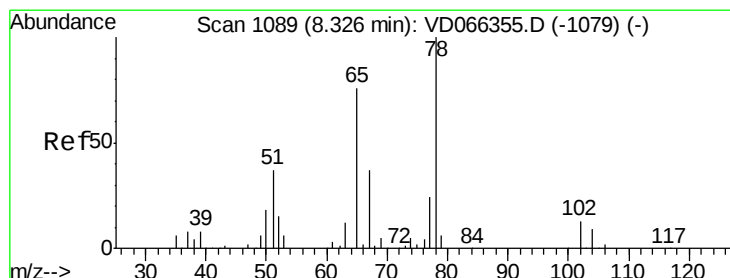
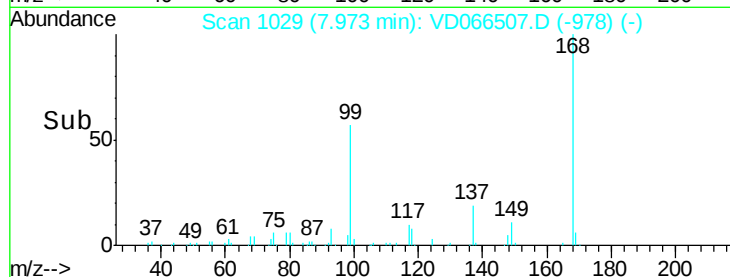
40000

20000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.712 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066507.D

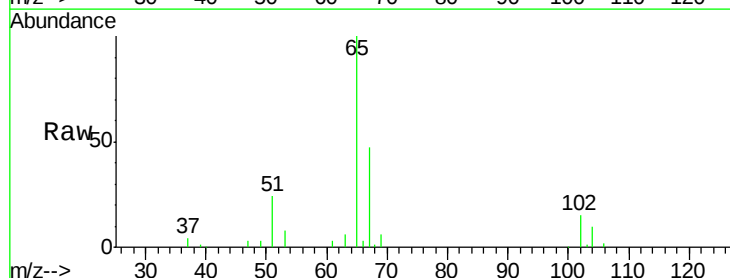
Acq: 01 Sep 2020 20:19

Tgt Ion: 65 Resp: 103439

Ion Ratio Lower Upper

65 100

67 44.3 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

50000

40000

30000

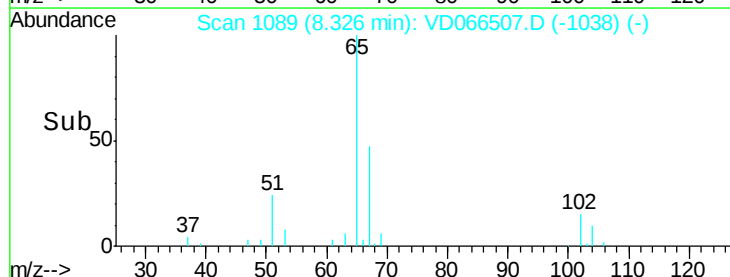
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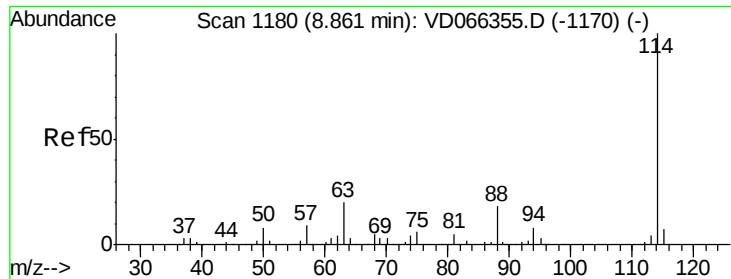
10000

0

8.25 8.30 8.35 8.40

Time-->

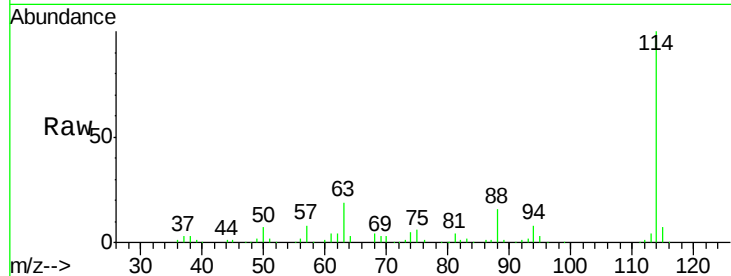




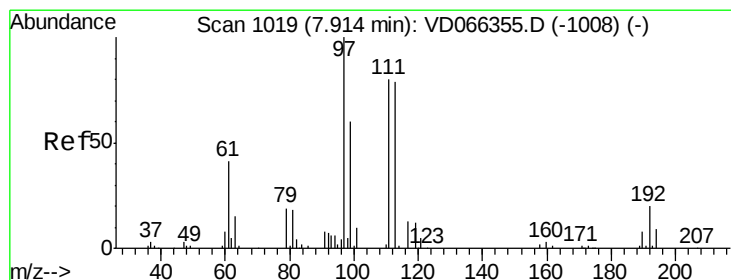
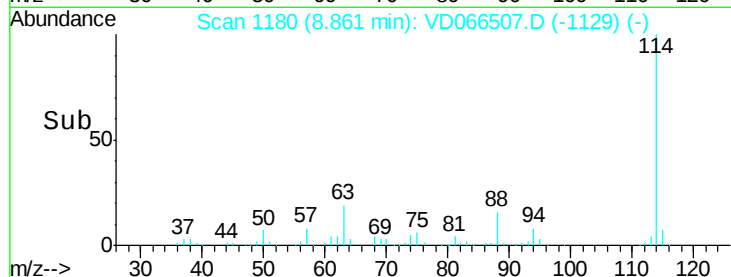
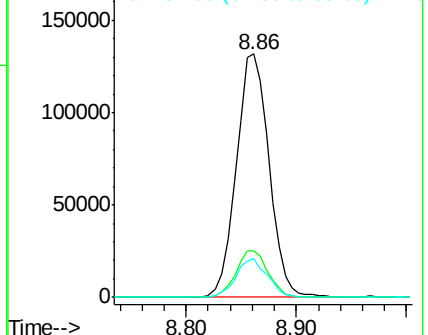
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066507.D
 Acq: 01 Sep 2020 20:19

Instrument :
 MSVOA_D
 ClientSampleId :
 232

Tot Ion:114 Resp: 274779
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.8
 88 15.8 0.0 35.4

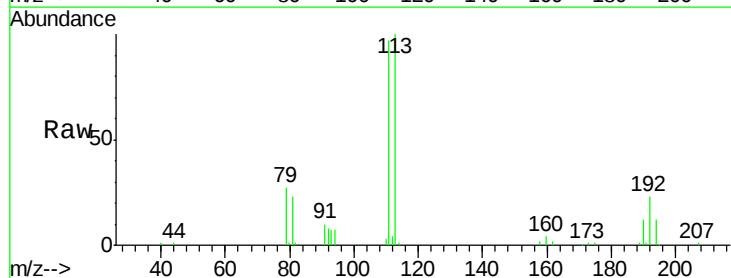


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

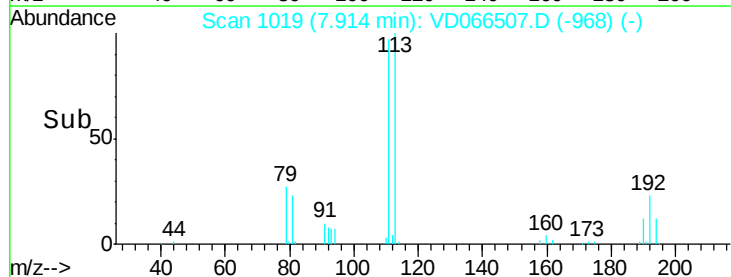
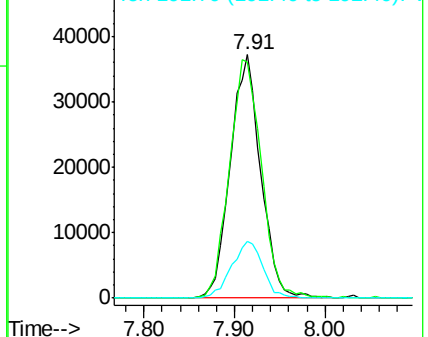


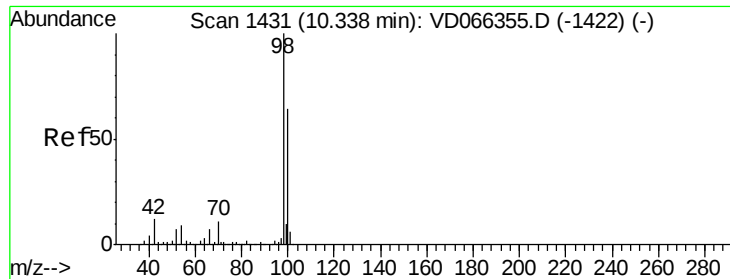
#35
 Dibromofluoromethane
 Concen: 50.383 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066507.D
 Acq: 01 Sep 2020 20:19

Tgt Ion:113 Resp: 86569
 Ion Ratio Lower Upper
 113 100
 111 103.1 80.3 120.5
 192 24.1 19.0 28.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

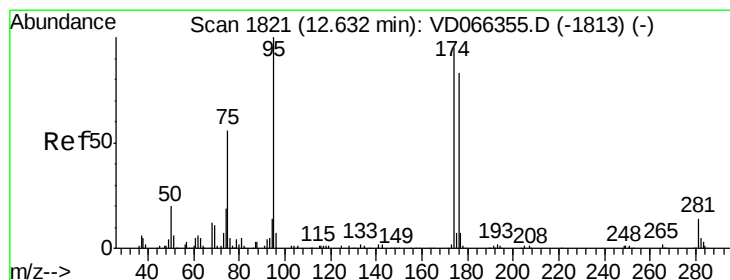
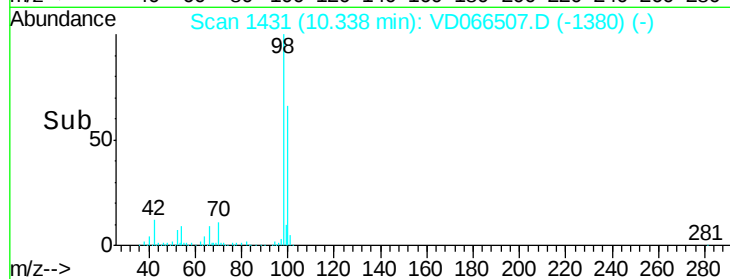
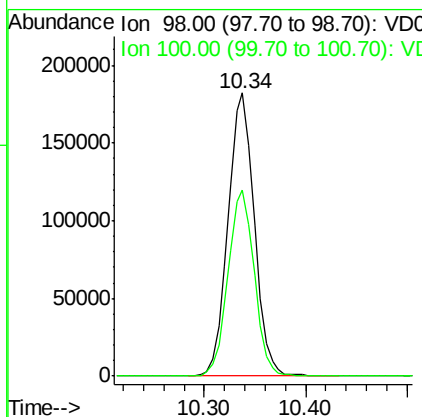
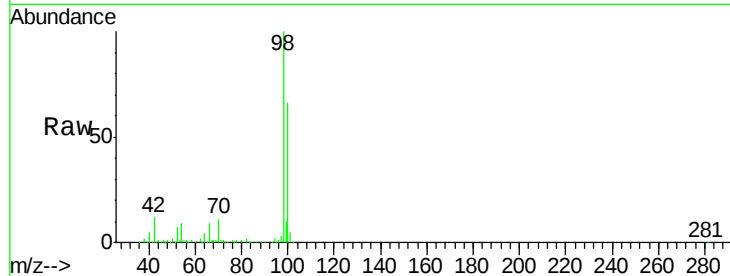




#50
Toluene-d8
Concen: 52.217 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066507.D
Acq: 01 Sep 2020 20:19

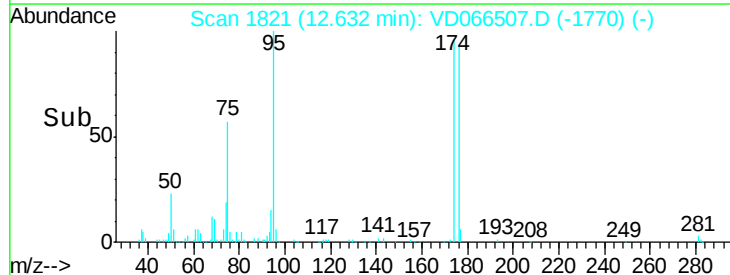
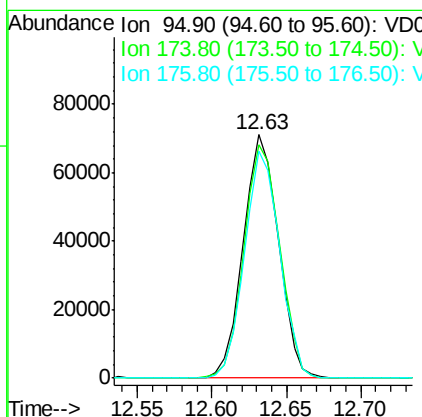
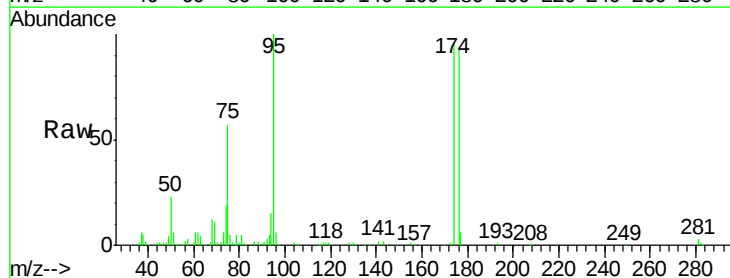
Instrument :
MSVOA_D
ClientSampleId :
232

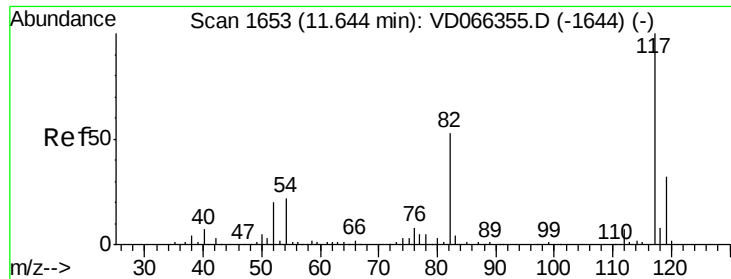
Tot Ion: 98 Resp: 328272
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.003 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066507.D
Acq: 01 Sep 2020 20:19

Tgt Ion: 95 Resp: 116008
Ion Ratio Lower Upper
95 100
174 97.8 0.0 183.4
176 93.3 0.0 173.8

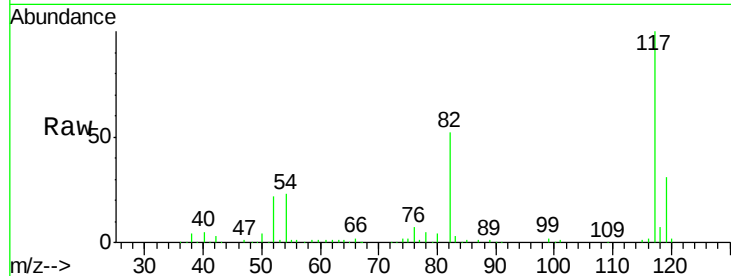




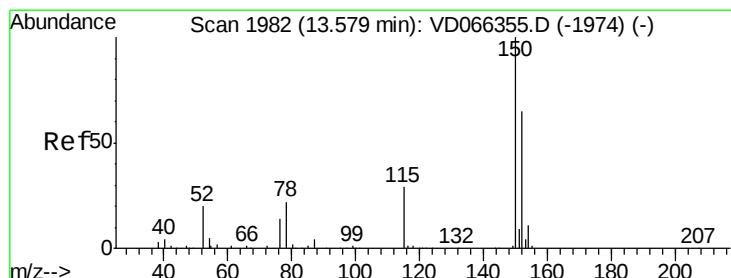
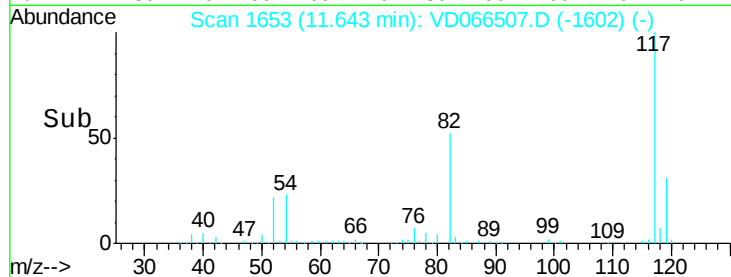
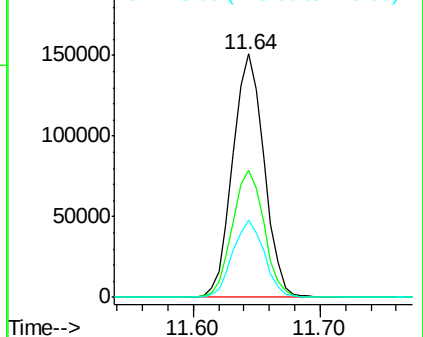
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066507.D
Acq: 01 Sep 2020 20:19

Instrument :
MSVOA_D
ClientSampled :
232

Tot Ion:117 Resp: 258821
Ion Ratio Lower Upper
117 100
82 52.2 42.8 64.2
119 31.5 25.8 38.8

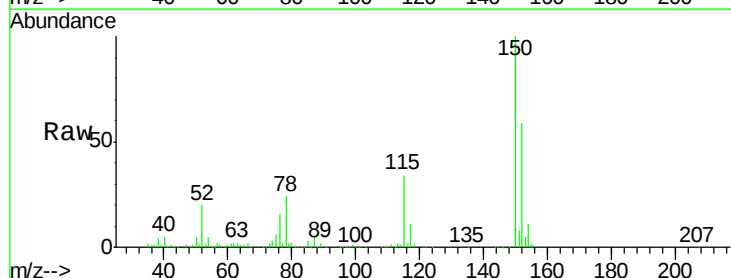


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066507.D
Acq: 01 Sep 2020 20:19

Tgt Ion:152 Resp: 134031
Ion Ratio Lower Upper
152 100
115 57.7 28.3 85.0
150 156.8 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

