

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067066.D
 Acq On : 03 Oct 2020 06:34
 Operator : VA/SY
 Sample : L4228-01
 Misc : 8.13G/5.00ml/MSVOA D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PY-BIN-4

Quant Time: Oct 05 09:25:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	503120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	837008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	703529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	246290	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	244795	50.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.02%	
35) Dibromofluoromethane	7.91	113	267370	48.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.58%	
50) Toluene-d8	10.34	98	956543	47.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.82%	
62) 4-Bromofluorobenzene	12.64	95	279651	41.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	82.52%	

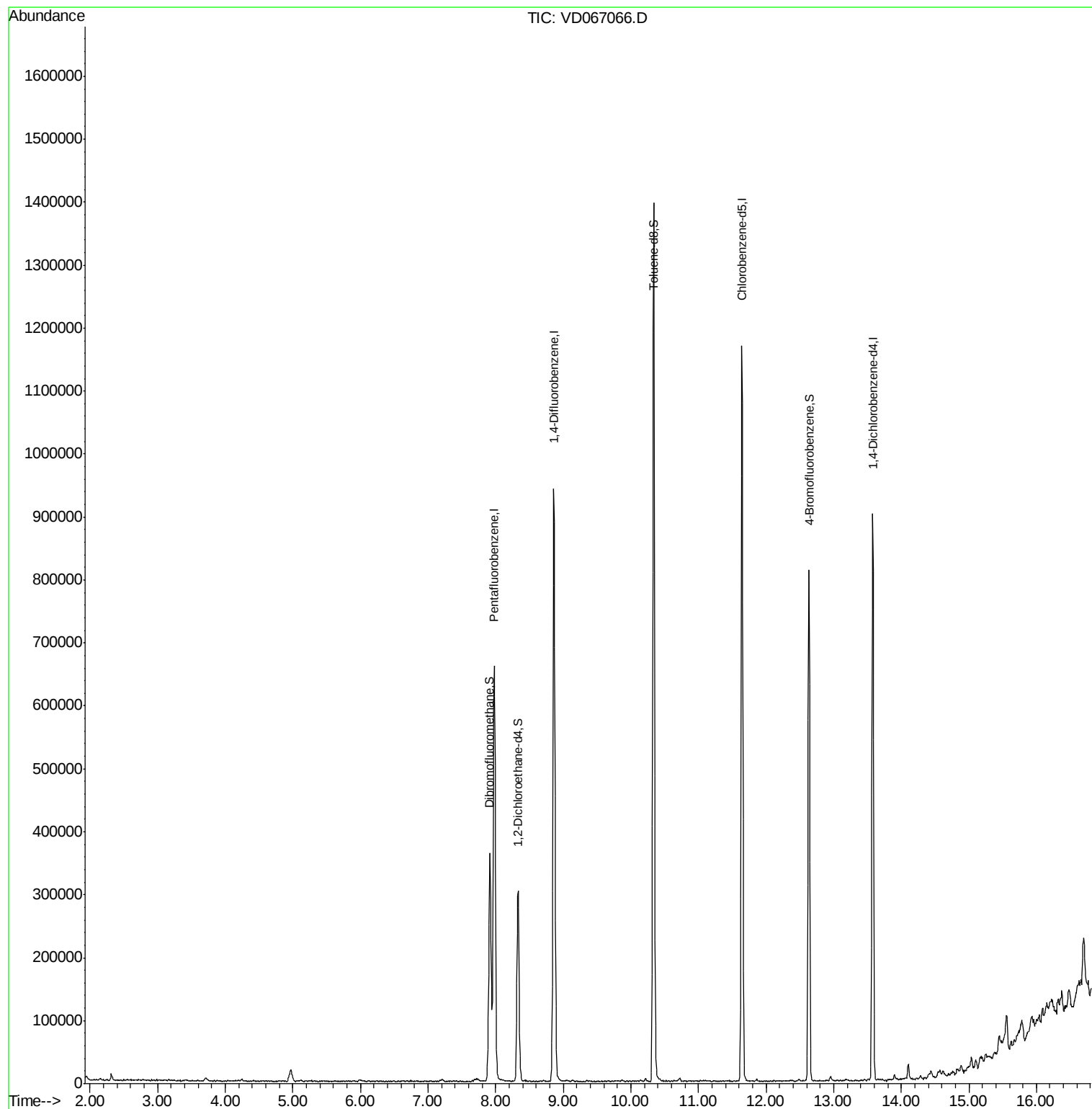
Target Compounds	Qvalue

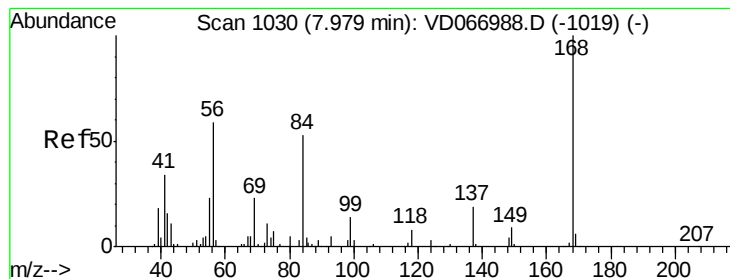
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067066.D

Acq: 03 Oct 2020 06:34

Instrument :

MSVOA_D

ClientSampleId :

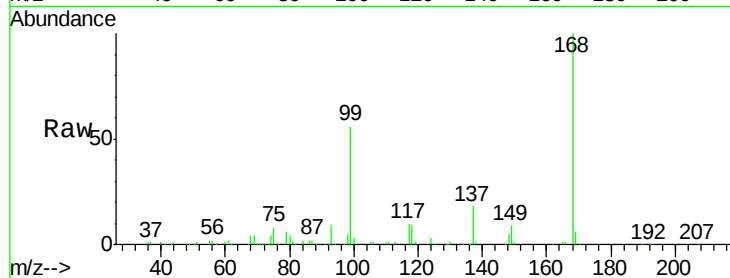
PY-BIN-4

Tot Ion:168 Resp: 503120

Ion Ratio Lower Upper

168 100

99 55.8 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

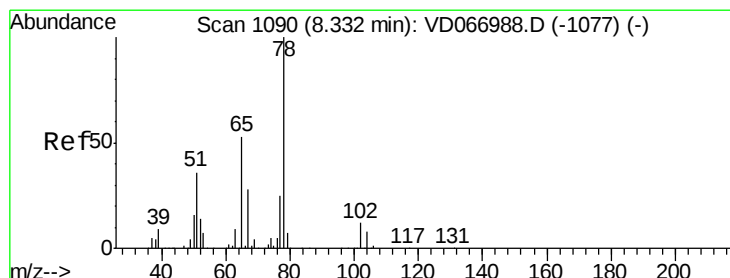
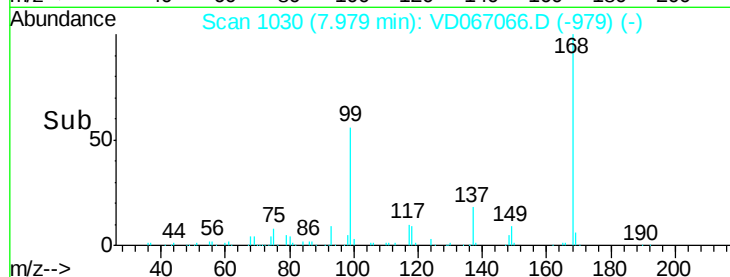
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.515 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067066.D

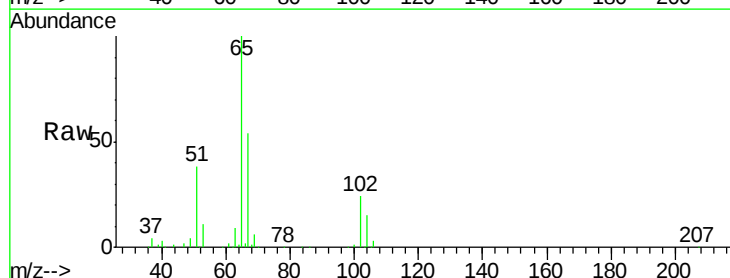
Acq: 03 Oct 2020 06:34

Tgt Ion: 65 Resp: 244795

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

120000

100000

80000

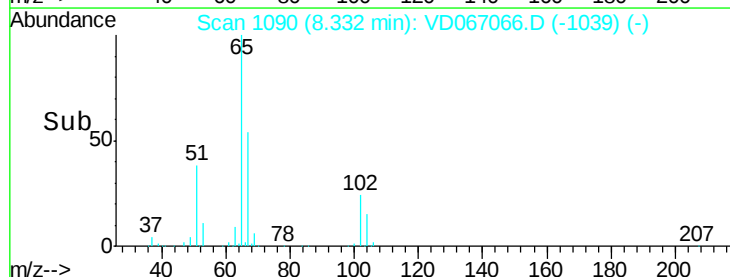
60000

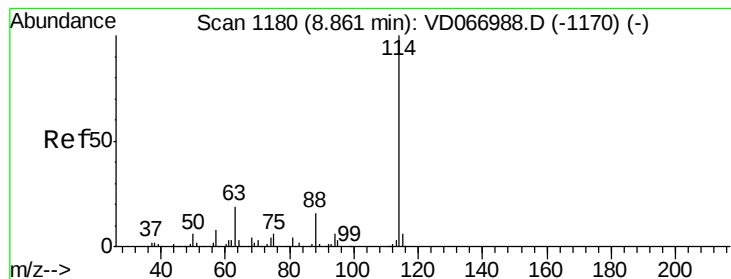
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD067066.D

Acq: 03 Oct 2020 06:34

Instrument :

MSVOA_D

ClientSampled :

PY-BIN-4

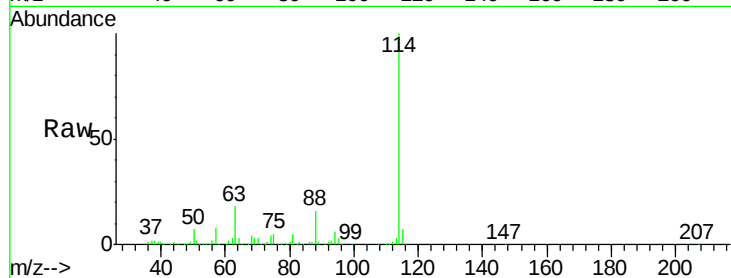
Tot Ion:114 Resp: 837008

Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.4

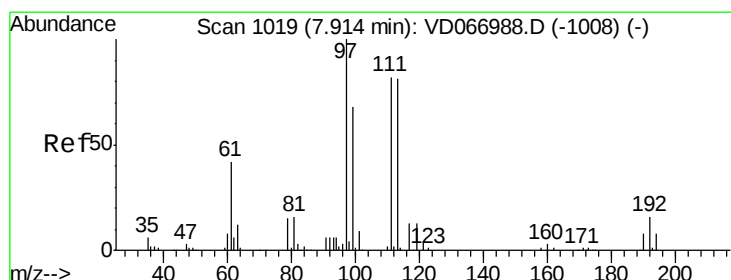
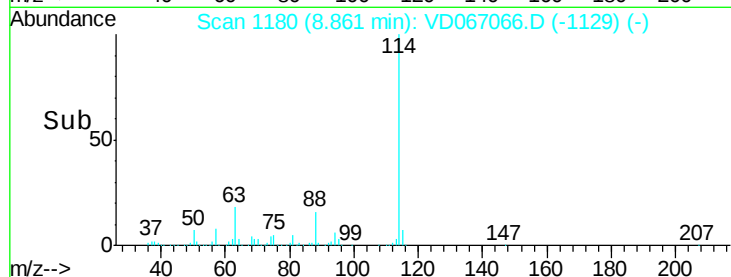
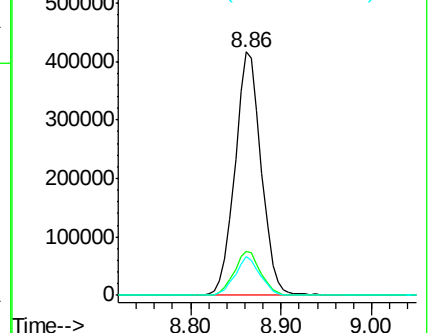
88 16.0 0.0 31.2



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: 48.793 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067066.D

Acq: 03 Oct 2020 06:34

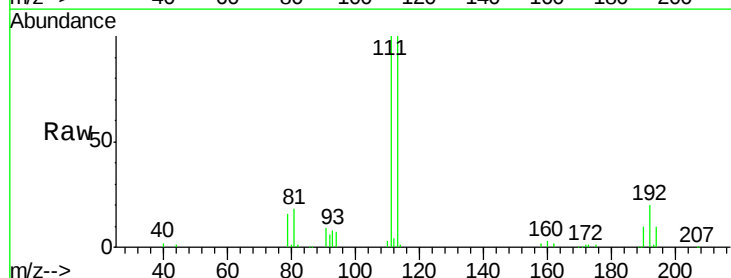
Tgt Ion:113 Resp: 267370

Ion Ratio Lower Upper

113 100

111 101.4 83.0 124.4

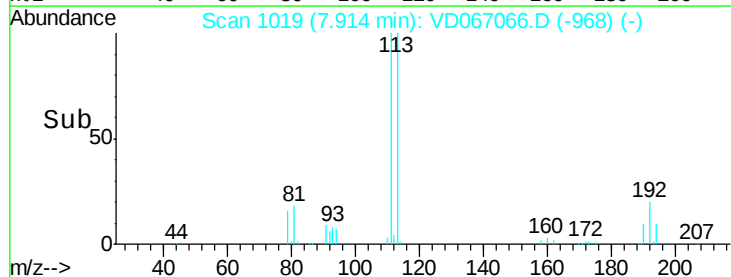
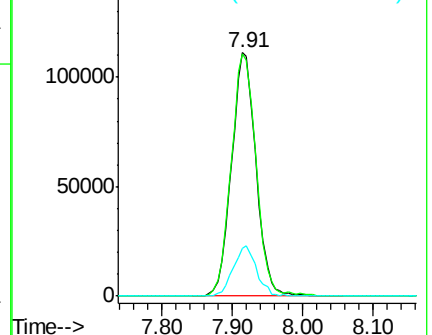
192 19.6 15.5 23.3

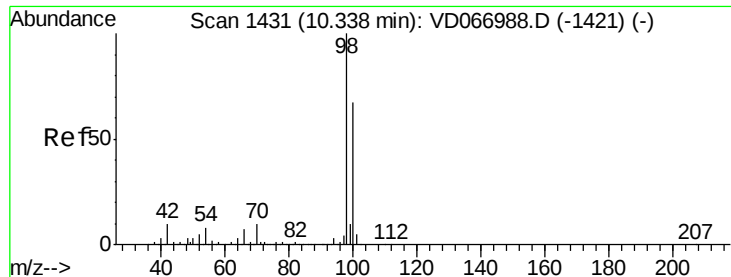


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

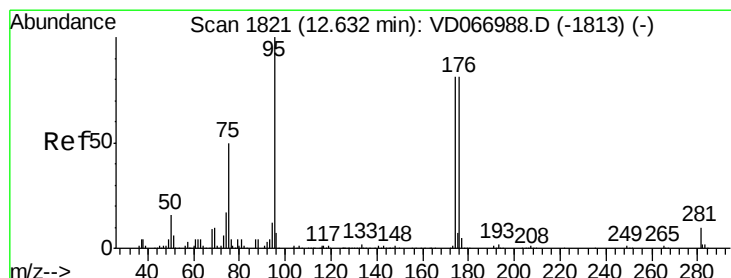
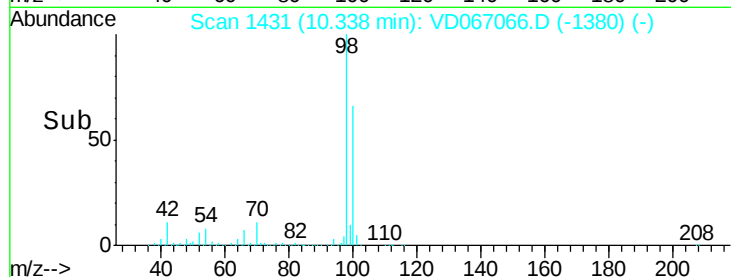
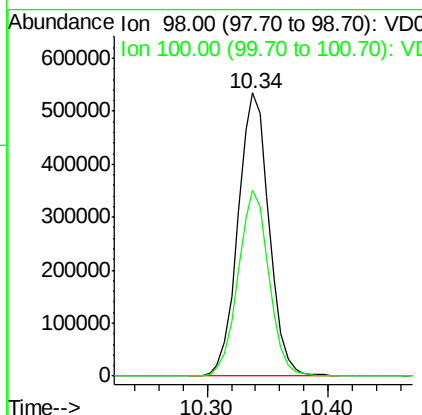
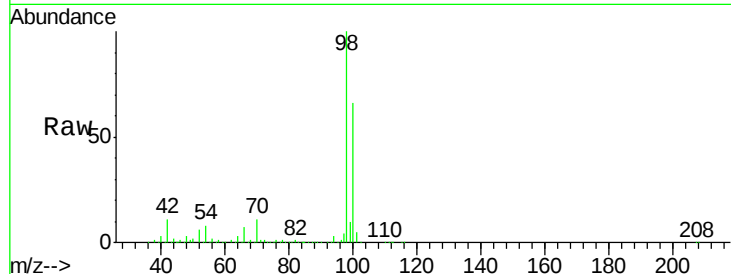




#50
Toluene-d8
Concen: 47.905 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067066.D
Acq: 03 Oct 2020 06:34

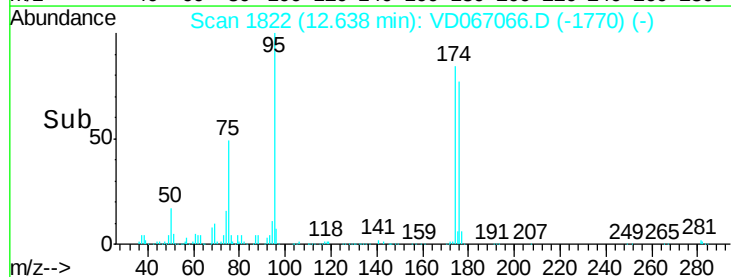
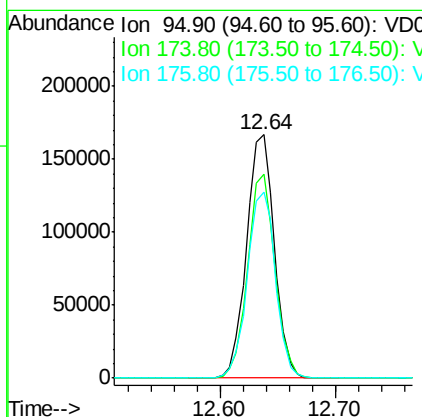
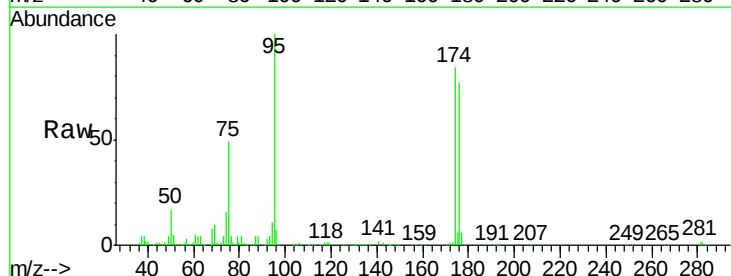
Instrument :
MSVOA_D
ClientSampleId :
PY-BIN-4

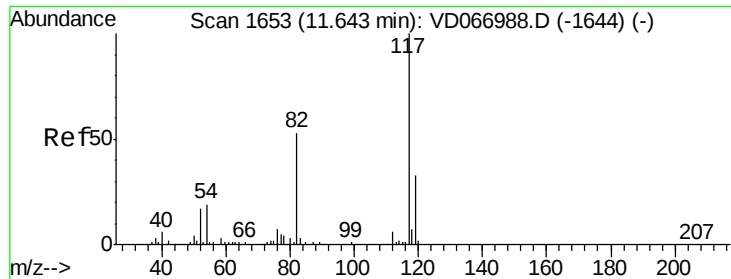
Tot Ion: 98 Resp: 956543
Ion Ratio Lower Upper
98 100
100 65.4 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 41.256 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067066.D
Acq: 03 Oct 2020 06:34

Tgt Ion: 95 Resp: 279651
Ion Ratio Lower Upper
95 100
174 82.4 0.0 167.6
176 77.4 0.0 162.4

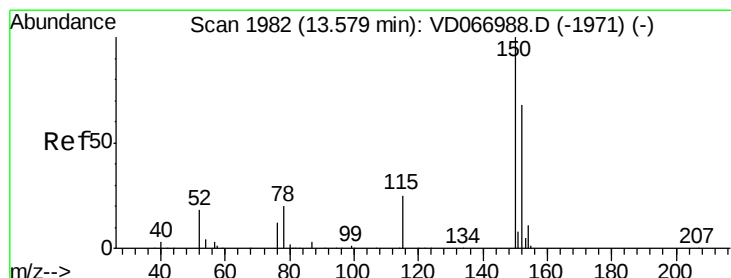
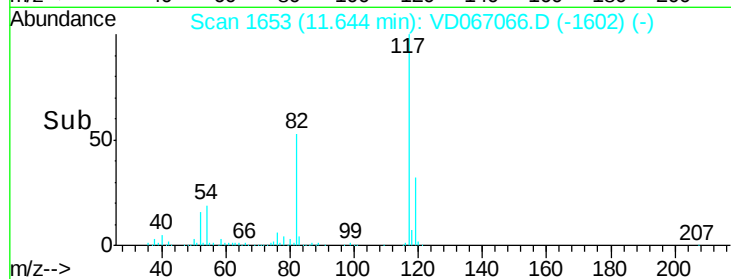
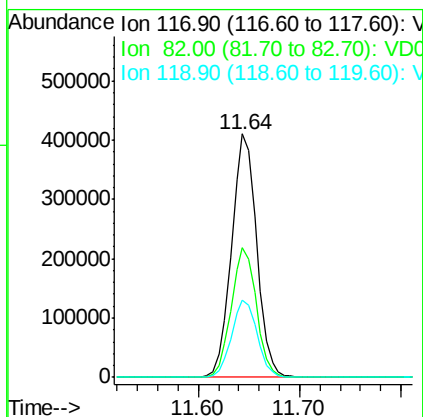
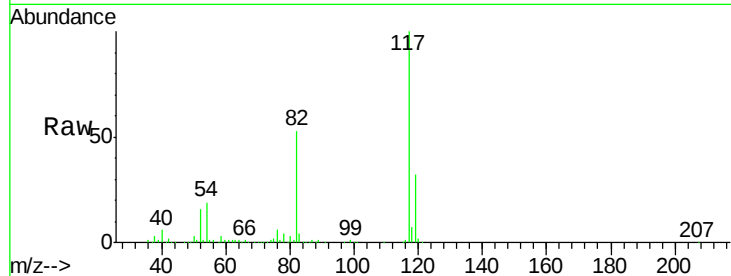




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067066.D
Acq: 03 Oct 2020 06:34

Instrument :
MSVOA_D
ClientSampleId :
PY-BIN-4

Tot Ion:117 Resp: 703529
Ion Ratio Lower Upper
117 100
82 53.4 42.6 63.8
119 31.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067066.D
Acq: 03 Oct 2020 06:34

Tgt Ion:152 Resp: 246290
Ion Ratio Lower Upper
152 100
115 59.2 29.6 88.8
150 161.2 0.0 344.8

