

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100920\
 Data File : VD067218.D
 Acq On : 09 Oct 2020 18:12
 Operator : VA/SY
 Sample : L4317-03
 Misc : 5.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 11935

Quant Time: Oct 10 00:59:45 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	502589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	819277	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	786730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	377579	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	227563	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
35) Dibromofluoromethane	7.92	113	252331	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
50) Toluene-d8	10.34	98	981017	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.64	95	351585	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	

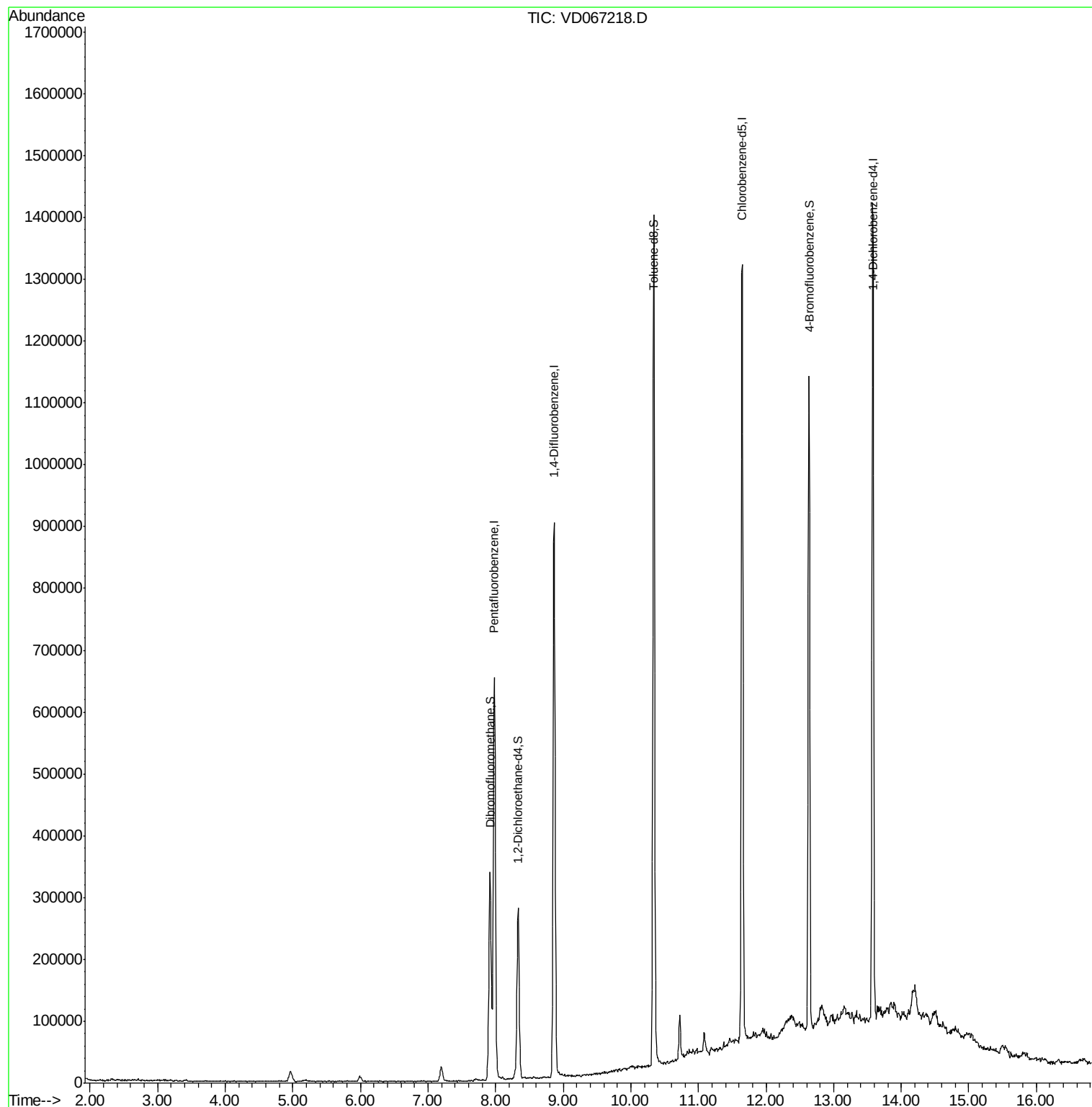
Target Compounds	Qvalue

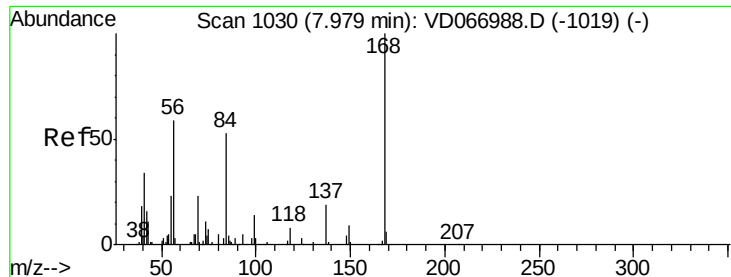
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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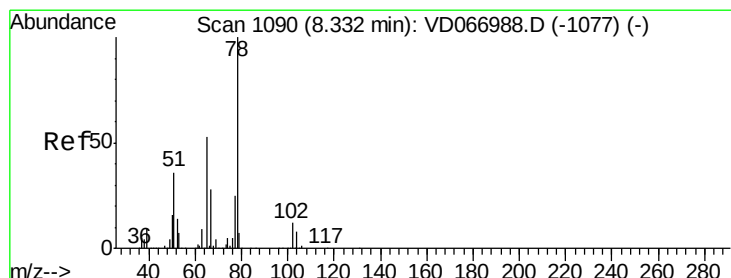
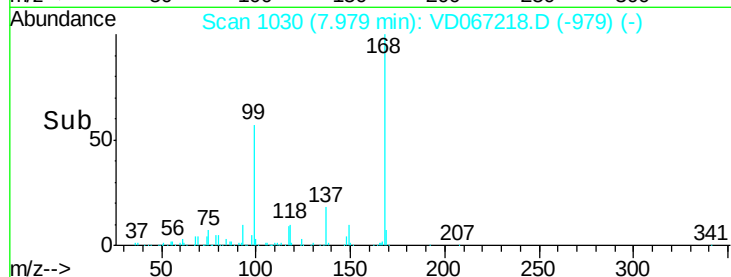
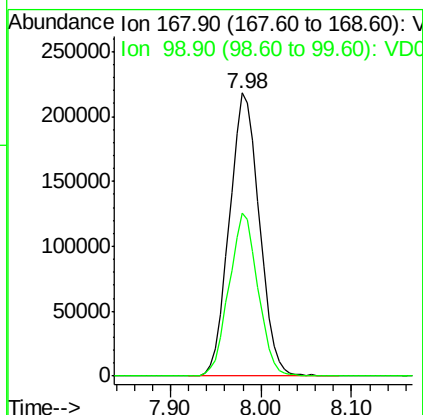
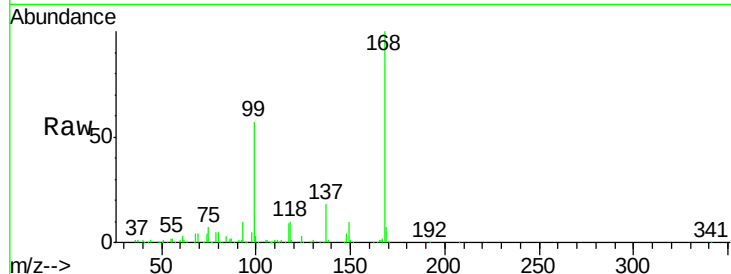




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD067218.D
Acq: 09 Oct 2020 18:12

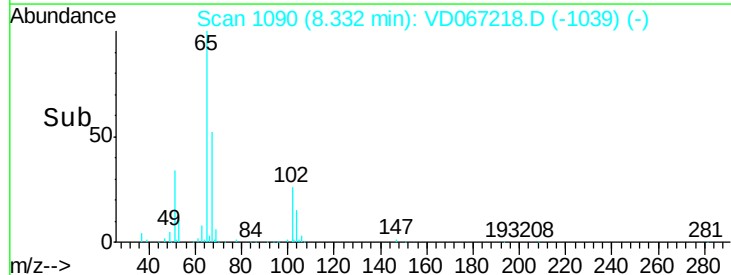
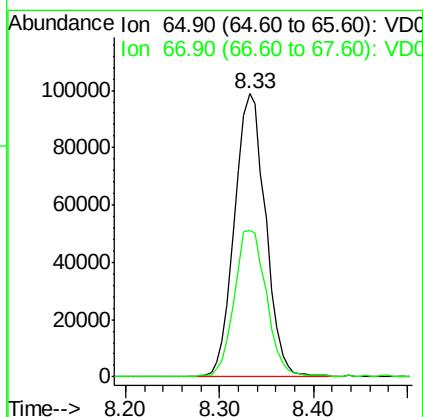
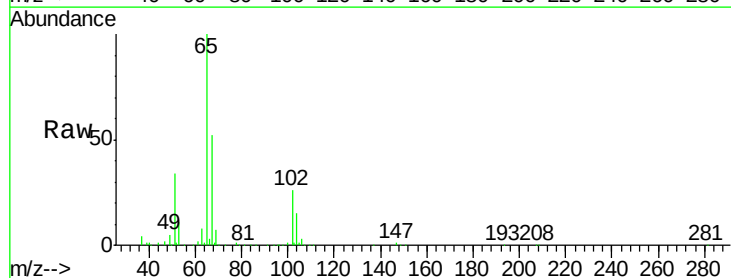
Instrument :
MSVOA_D
ClientSampleId :
11935

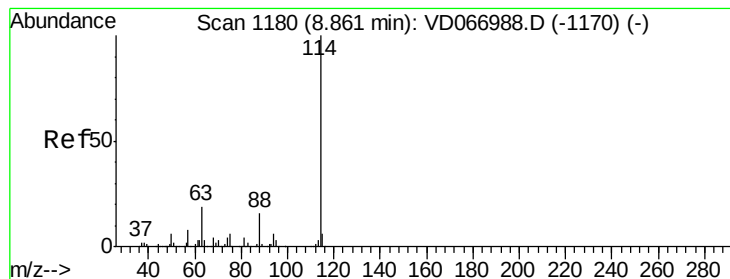
Tot Ion:168 Resp: 502589
Ion Ratio Lower Upper
168 100
99 57.4 44.1 66.1



#33
1,2-Dichloroethane-d4
Concen: 47.008 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD067218.D
Acq: 09 Oct 2020 18:12

Tgt Ion: 65 Resp: 227563
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VD067218.D

Acq: 09 Oct 2020 18:12

Instrument :

MSVOA_D

ClientSampleId :

11935

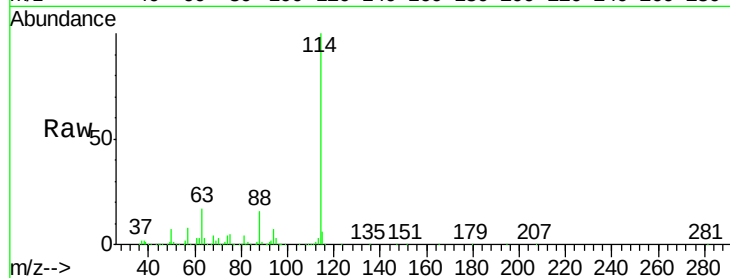
Tot Ion:114 Resp: 819277

Ion Ratio Lower Upper

114 100

63 17.4 0.0 38.4

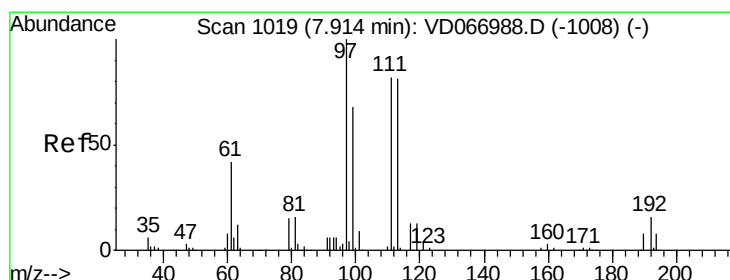
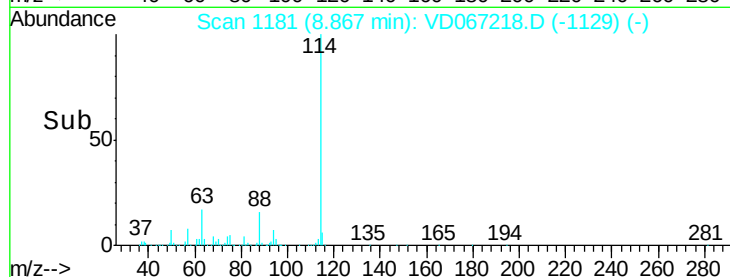
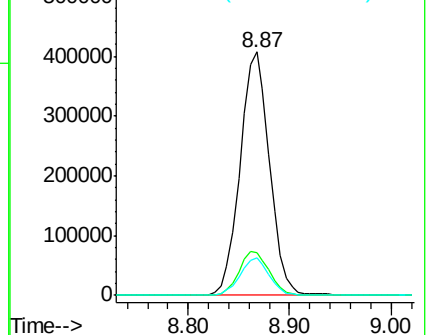
88 15.6 0.0 31.2



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: 47.045 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067218.D

Acq: 09 Oct 2020 18:12

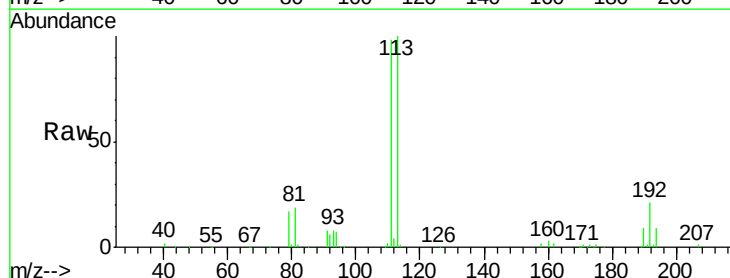
Tgt Ion:113 Resp: 252331

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.4

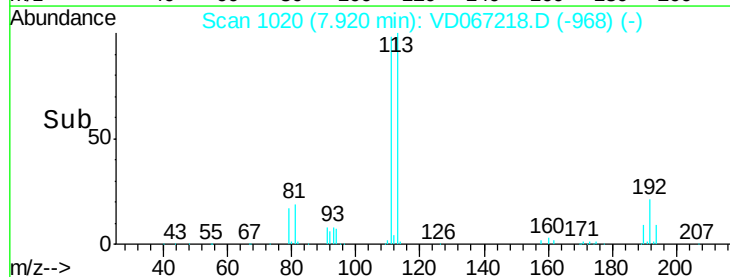
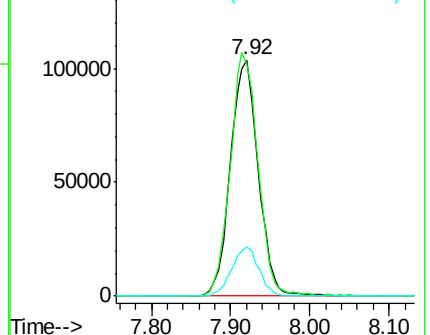
192 20.4 15.5 23.3

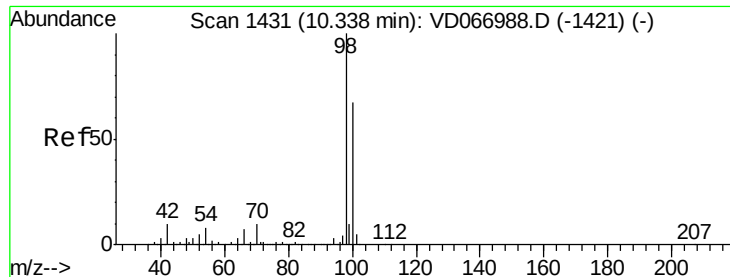


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.194 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067218.D

Acq: 09 Oct 2020 18:12

Instrument :

MSVOA_D

ClientSampleId :

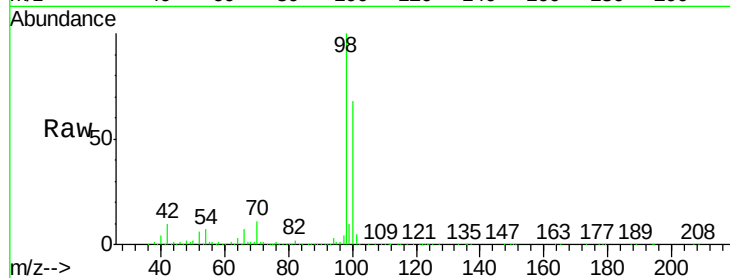
11935

Tot Ion: 98 Resp: 981017

Ion Ratio Lower Upper

98 100

100 66.6 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VD066988.D (-1421) (-)

Ion 100.00 (99.70 to 100.70): VD066988.D (-1421) (-)

10.34

600000

500000

400000

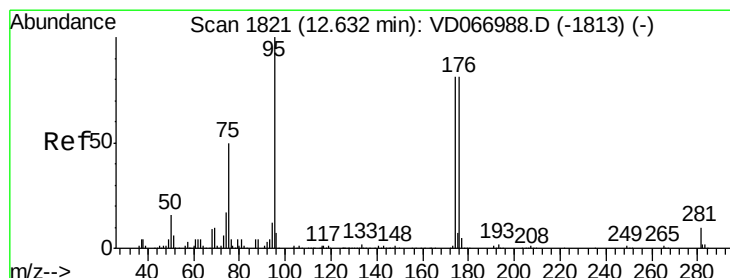
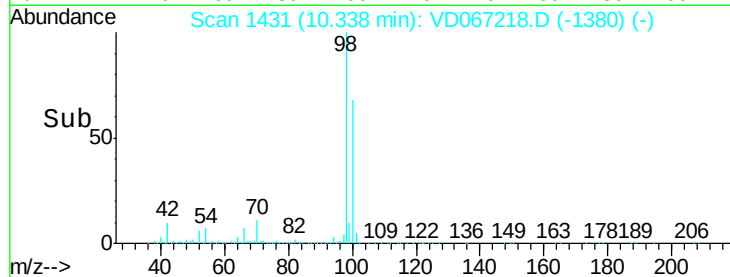
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 52.990 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067218.D

Acq: 09 Oct 2020 18:12

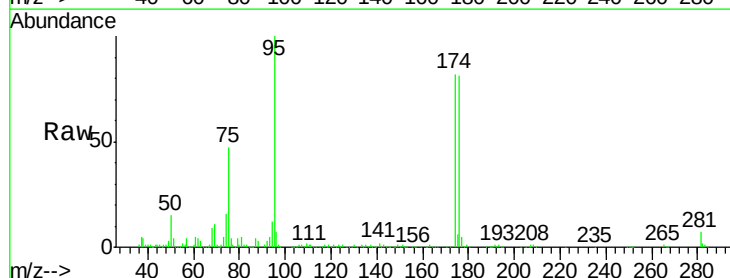
Tgt Ion: 95 Resp: 351585

Ion Ratio Lower Upper

95 100

174 83.7 0.0 167.6

176 83.0 0.0 162.4



Abundance Ion 94.90 (94.60 to 95.60): VD066988.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD066988.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD066988.D (-1813) (-)

300000

250000

200000

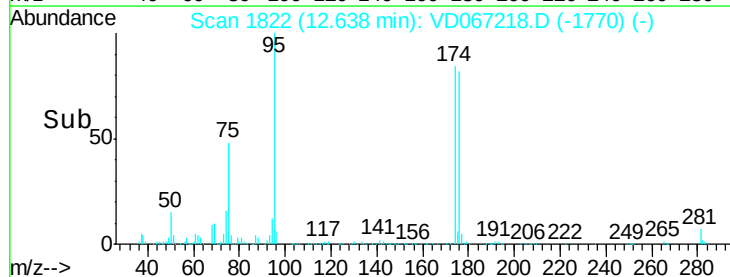
150000

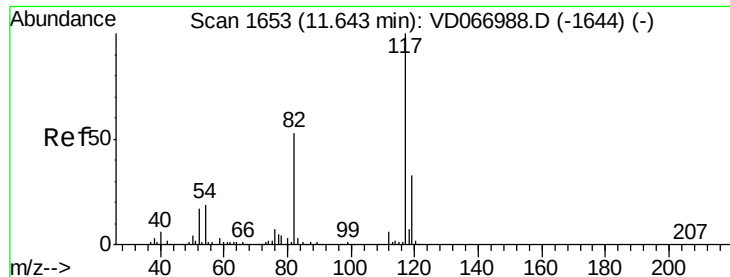
100000

50000

0

Time--> 12.55 12.60 12.65 12.70

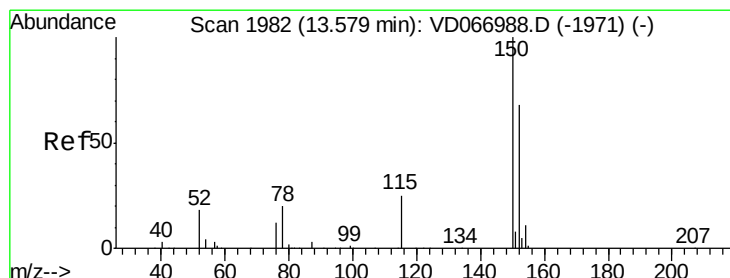
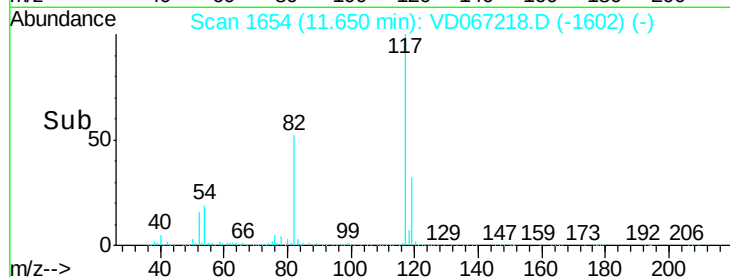
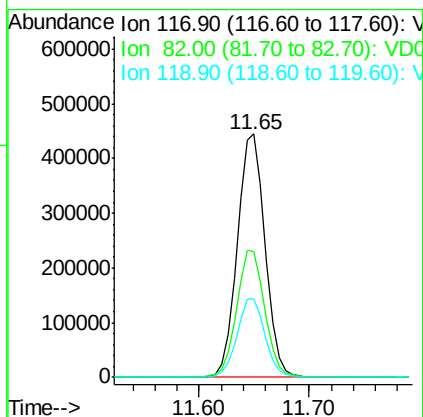
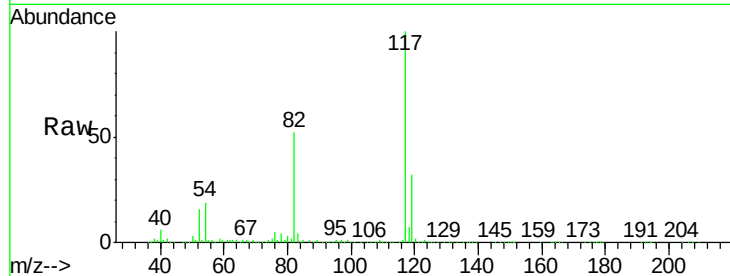




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067218.D
Acq: 09 Oct 2020 18:12

Instrument :
MSVOA_D
ClientSampleId :
11935

Tot Ion:117 Resp: 786730
Ion Ratio Lower Upper
117 100
82 51.6 42.6 63.8
119 32.2 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: VD067218.D
Acq: 09 Oct 2020 18:12

Tgt Ion:152 Resp: 377579
Ion Ratio Lower Upper
152 100
115 59.0 29.6 88.8
150 156.2 0.0 344.8

