

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010320\
 Data File : VD064750.D
 Acq On : 04 Jan 2020 00:11
 Operator : VA/SY
 Sample : VD0103SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0103SBL02

Quant Time: Jan 06 07:50:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	507429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	773144	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	690791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	319991	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	239011	53.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.84%	
35) Dibromofluoromethane	7.92	113	237783	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	10.34	98	931484	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.64	95	280785	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	

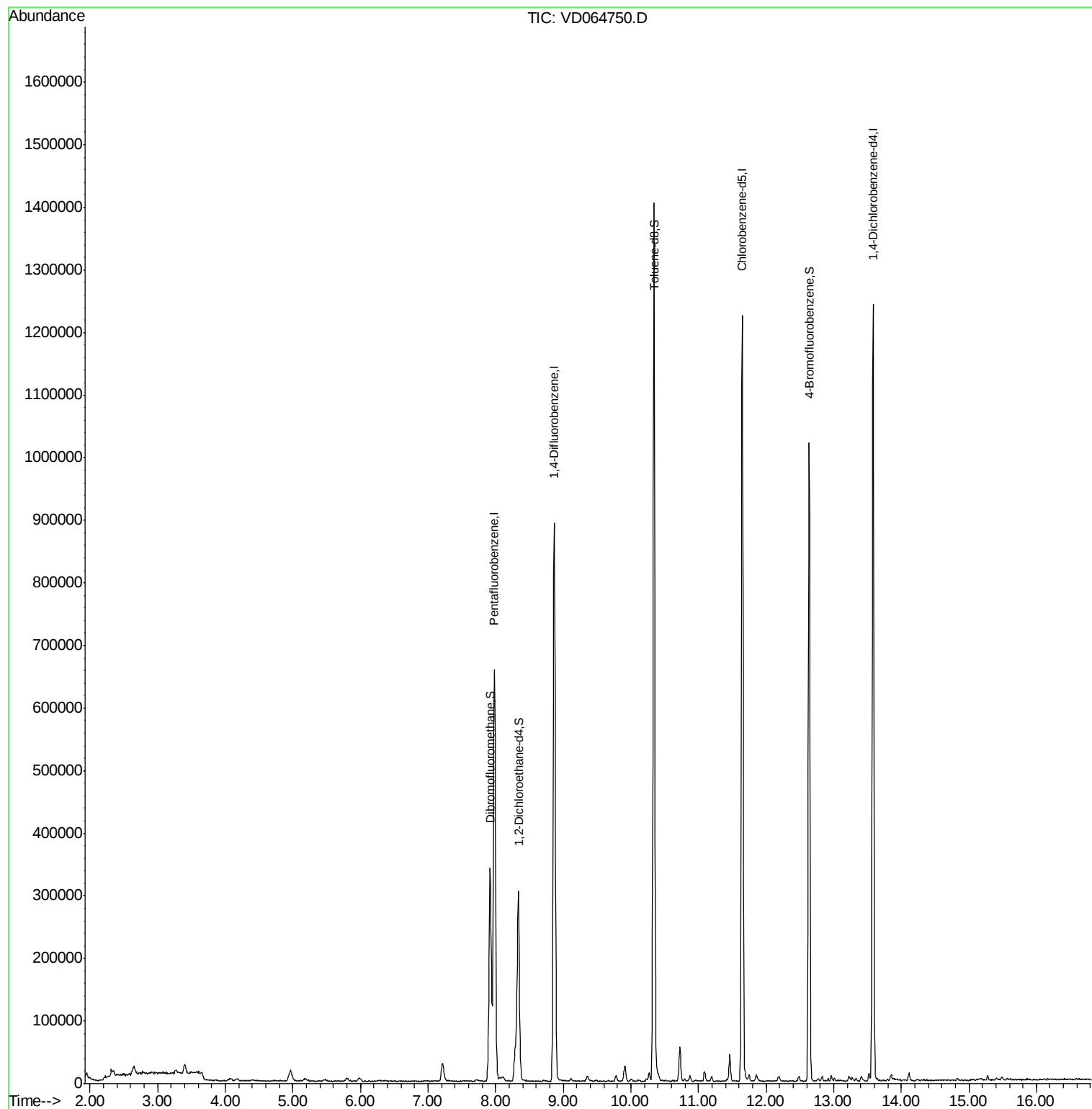
Target Compounds	Qvalue

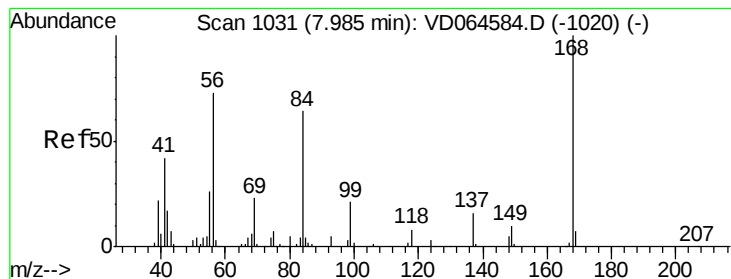
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 24 13:19:06 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064750.D

Acq: 04 Jan 2020 00:11

Instrument :

MSVOA_D

ClientSampleId :

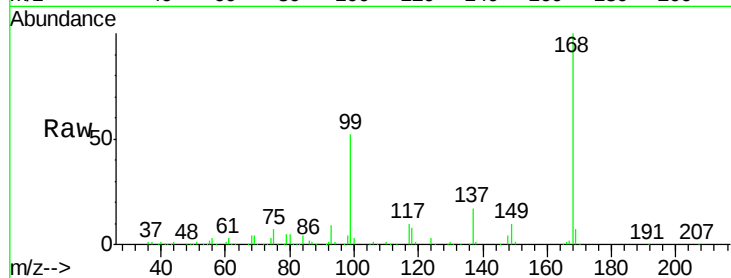
VD0103SBL02

Tgt Ion:168 Resp: 507429

Ion Ratio Lower Upper

168 100

99 51.3 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

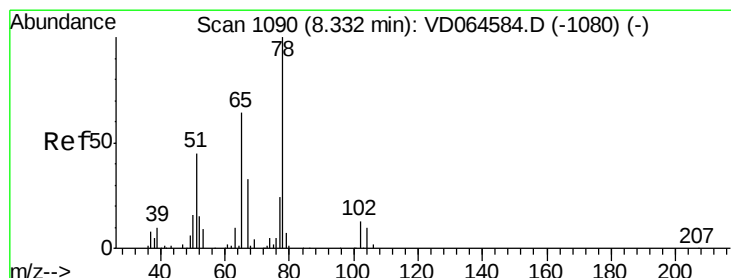
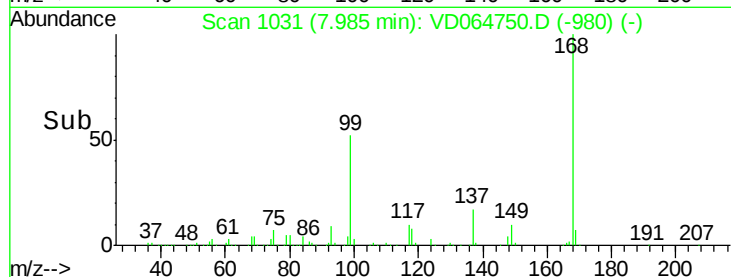
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.417 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064750.D

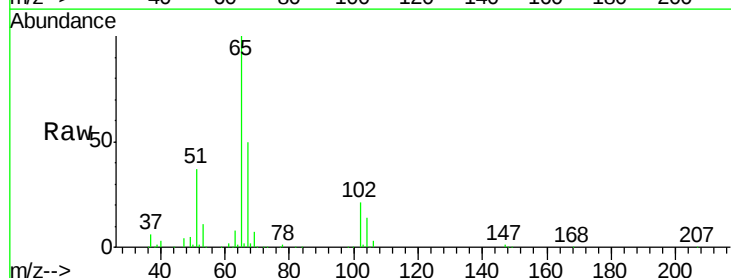
Acq: 04 Jan 2020 00:11

Tgt Ion: 65 Resp: 239011

Ion Ratio Lower Upper

65 100

67 50.8 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

120000

100000

80000

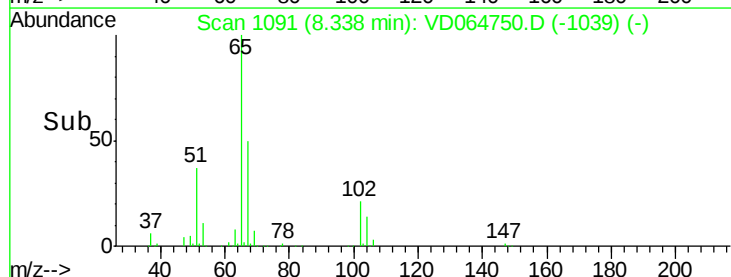
60000

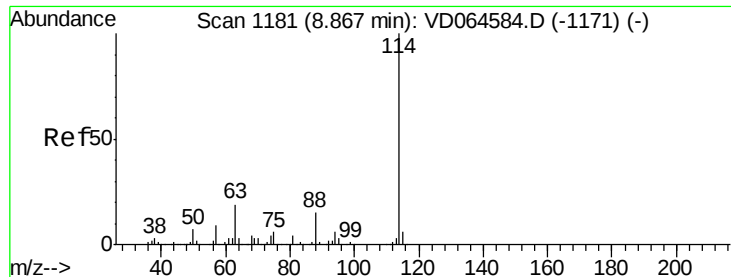
40000

20000

0

Time-->

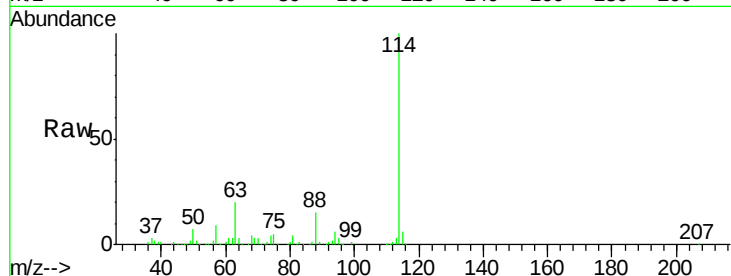




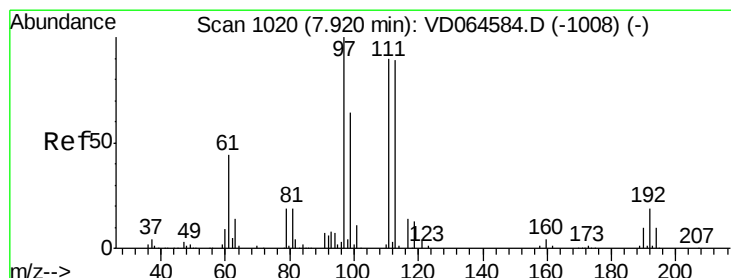
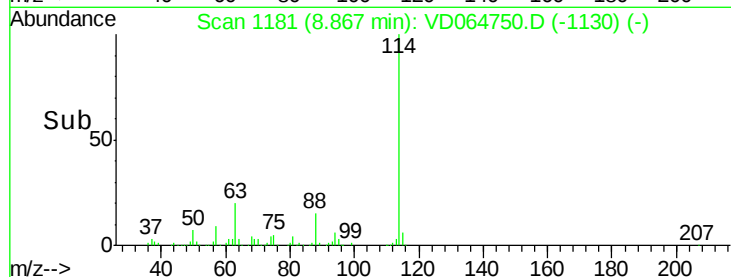
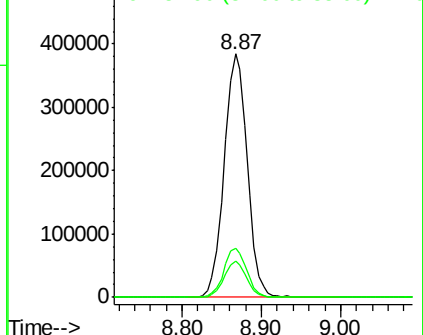
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064750.D
 Acq: 04 Jan 2020 00:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0103SBL02

Tgt Ion:114 Resp: 773144
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.0
 88 14.8 0.0 29.2

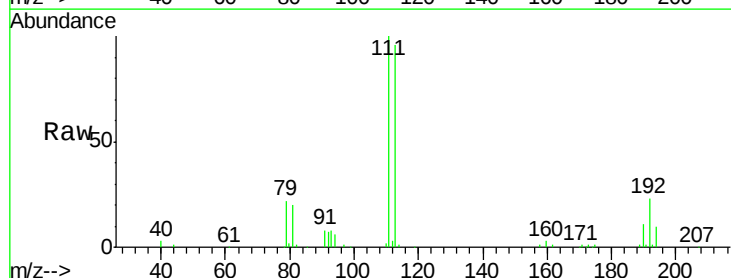


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

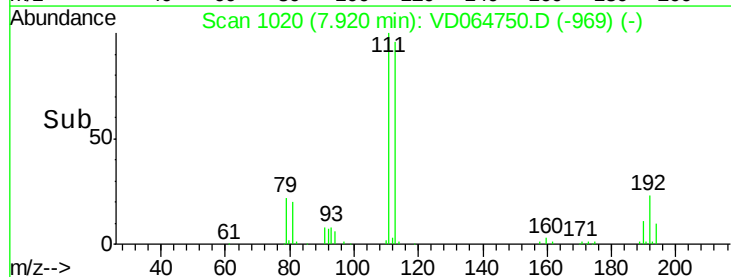
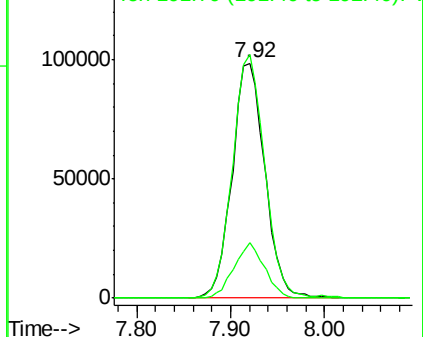


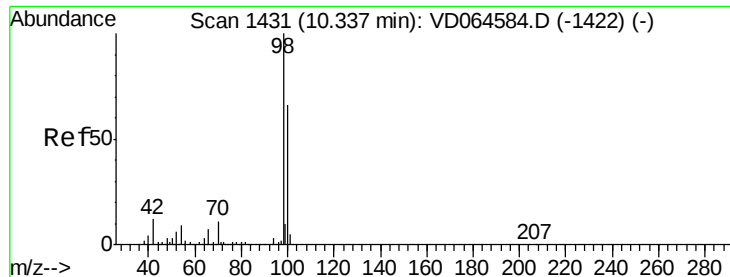
#35
 Dibromofluoromethane
 Concen: 50.130 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064750.D
 Acq: 04 Jan 2020 00:11

Tgt Ion:113 Resp: 237783
 Ion Ratio Lower Upper
 113 100
 111 102.4 80.6 121.0
 192 22.1 17.9 26.9



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: 51.275 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064750.D

Acq: 04 Jan 2020 00:11

Instrument :

MSVOA_D

ClientSampleId :

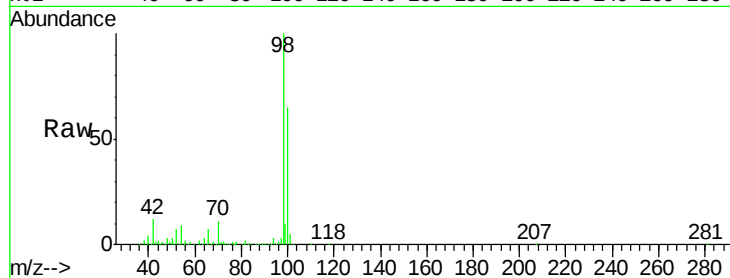
VD0103SBL02

Tgt Ion: 98 Resp: 931484

Ion Ratio Lower Upper

98 100

100 65.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VD064584.D (-1422) (-)

Ion 100.00 (99.70 to 100.70): VD064584.D (-1422) (-)

10.34

600000

500000

400000

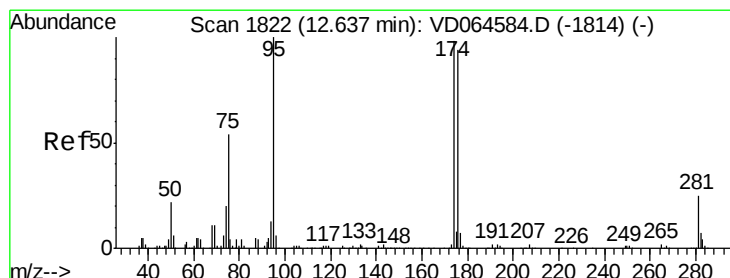
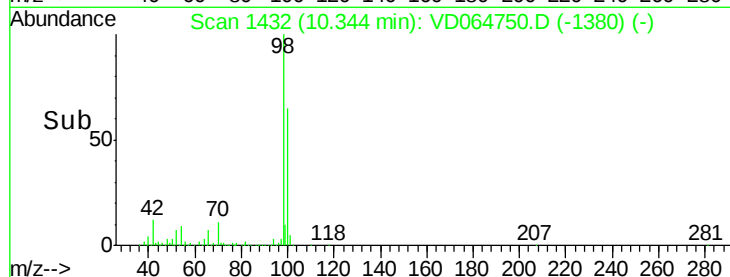
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 48.879 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064750.D

Acq: 04 Jan 2020 00:11

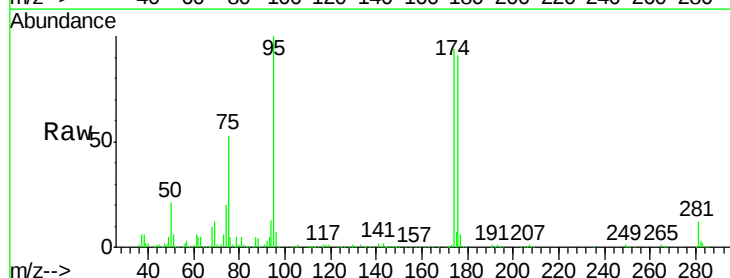
Tgt Ion: 95 Resp: 280785

Ion Ratio Lower Upper

95 100

174 94.9 0.0 193.2

176 92.4 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VD064584.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD064584.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD064584.D (-1814) (-)

12.64

200000

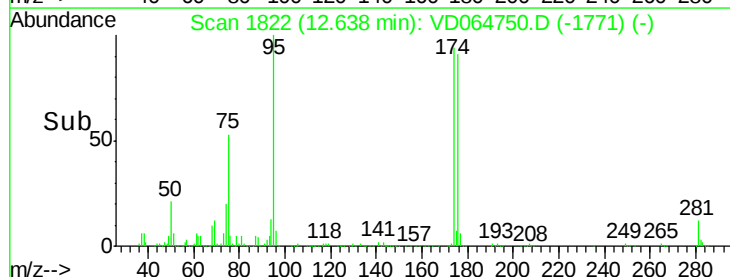
150000

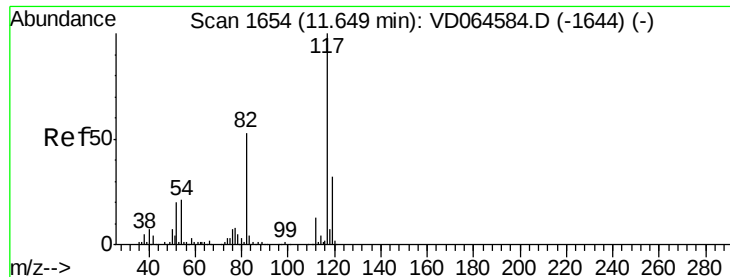
100000

50000

0

Time--> 12.60 12.70

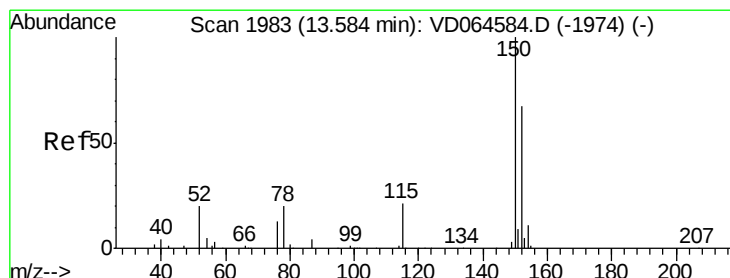
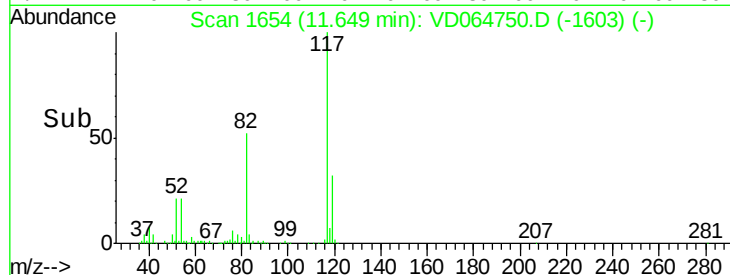
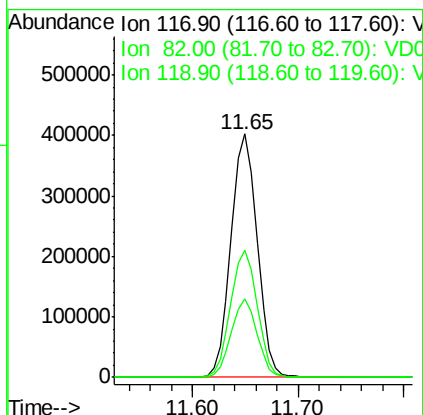
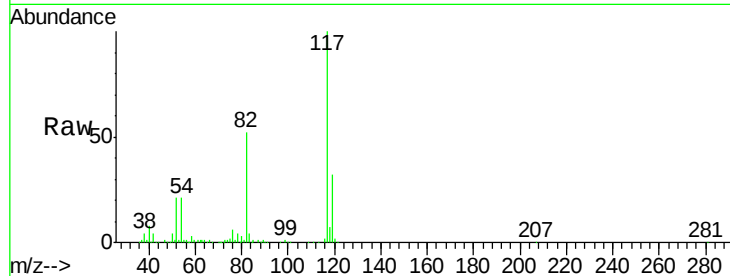




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064750.D
Acq: 04 Jan 2020 00:11

Instrument :
MSVOA_D
ClientSampleId :
VD0103SBL02

Tgt Ion:117 Resp: 690791
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.4
119 32.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064750.D
Acq: 04 Jan 2020 00:11

Tgt Ion:152 Resp: 319991
Ion Ratio Lower Upper
152 100
115 55.6 27.8 83.4
150 157.9 0.0 351.4

