

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110920\
 Data File : VD067569.D
 Acq On : 09 Nov 2020 16:45
 Operator : VA/SY
 Sample : L4681-02
 Misc : 7.49G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-S2

Quant Time: Nov 10 01:06:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	273078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	453014	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	463177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	240744	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	135267	56.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.30%	
35) Dibromofluoromethane	7.92	113	144503	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
50) Toluene-d8	10.34	98	534442	55.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.44%	
62) 4-Bromofluorobenzene	12.64	95	202705	61.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.42%	

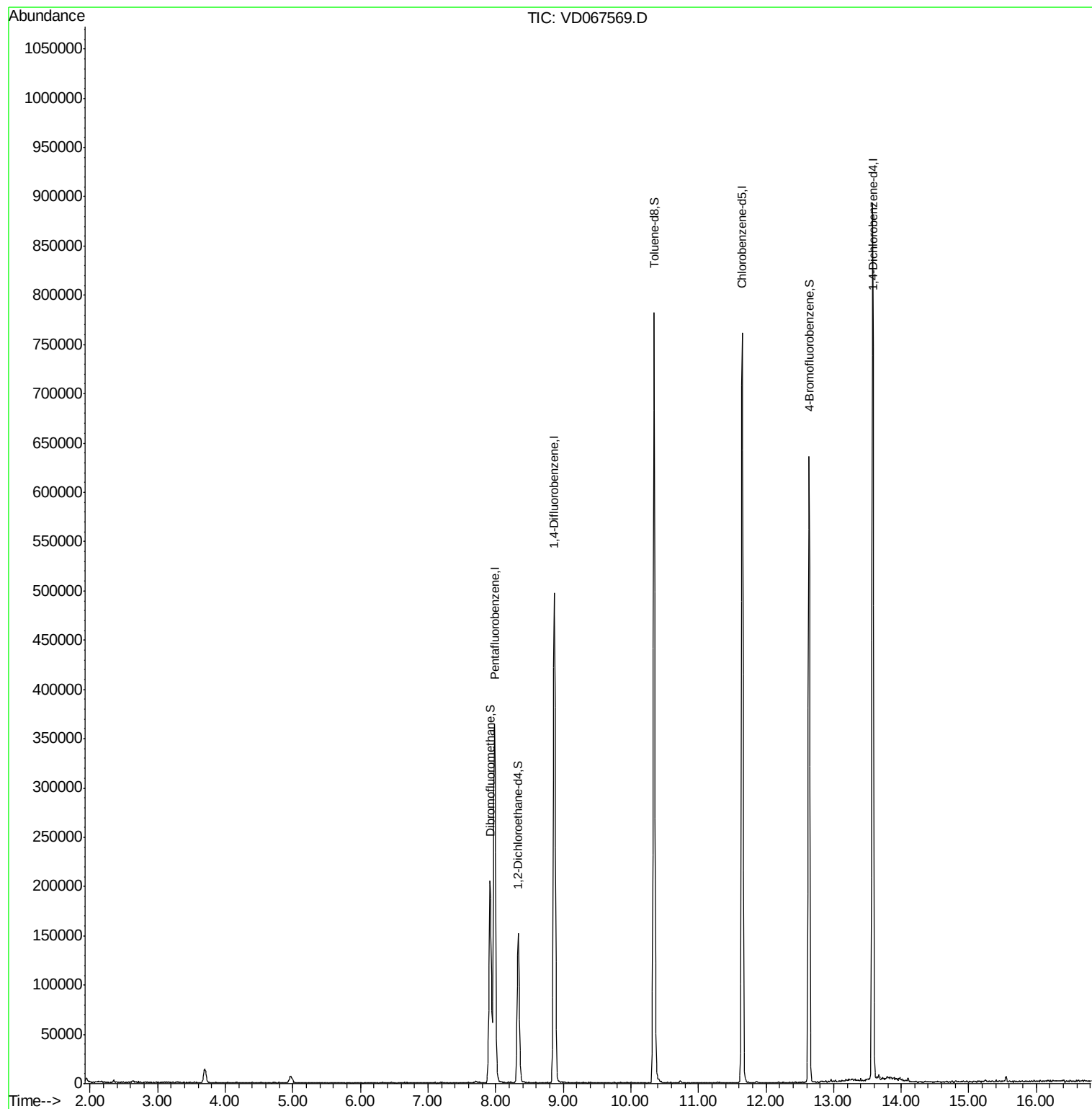
Target Compounds	Qvalue

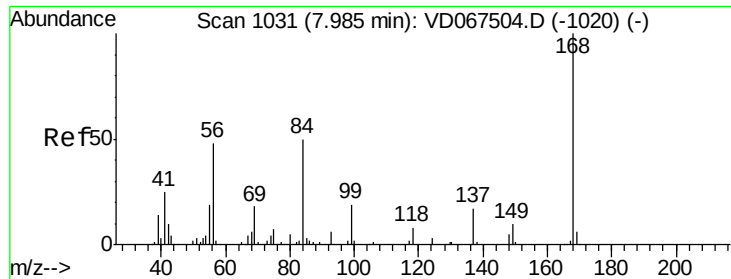
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067569.D

Acq: 09 Nov 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

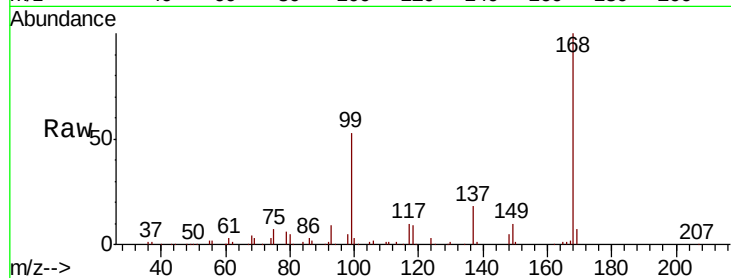
TP-1-S2

Tot Ion:168 Resp: 273078

Ion Ratio Lower Upper

168 100

99 53.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

150000

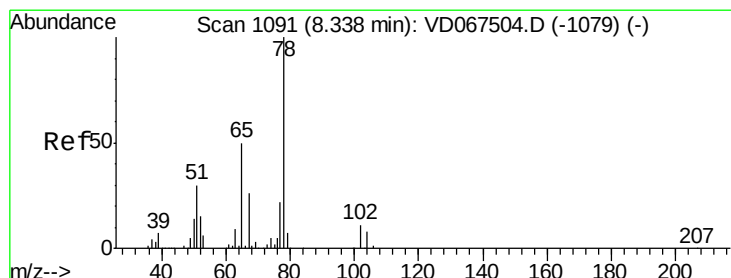
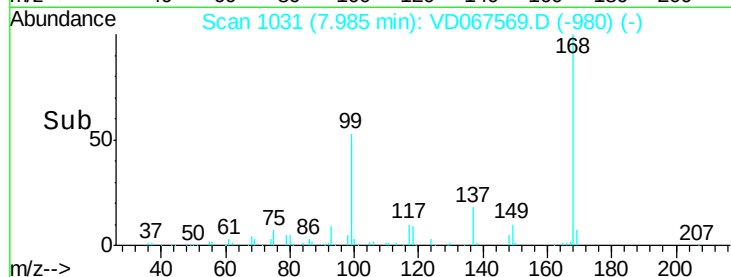
100000

50000

0

7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.650 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067569.D

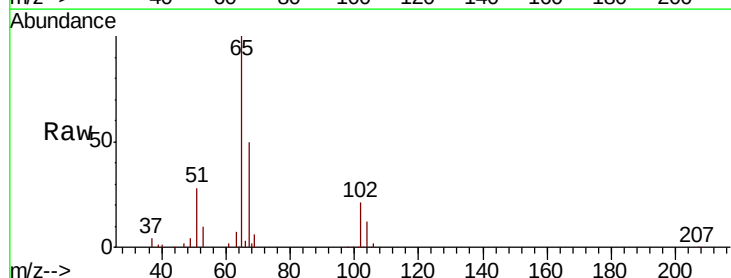
Acq: 09 Nov 2020 16:45

Tgt Ion: 65 Resp: 135267

Ion Ratio Lower Upper

65 100

67 48.6 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

60000

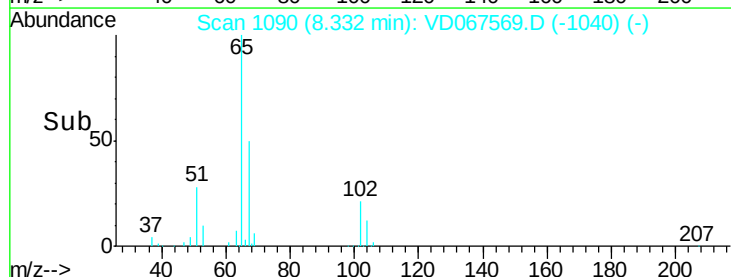
40000

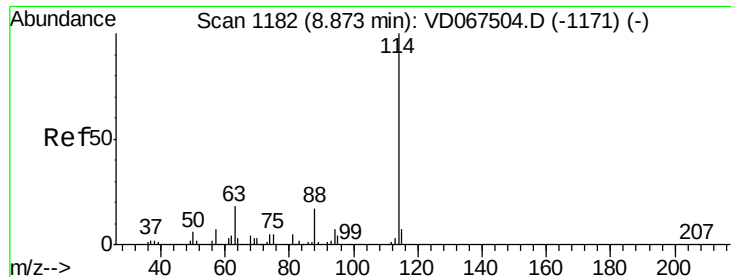
20000

0

8.30 8.40

Time-->

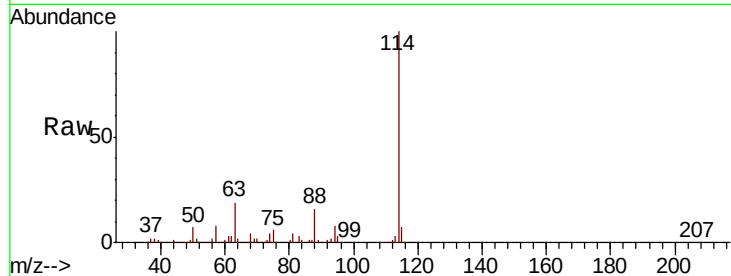




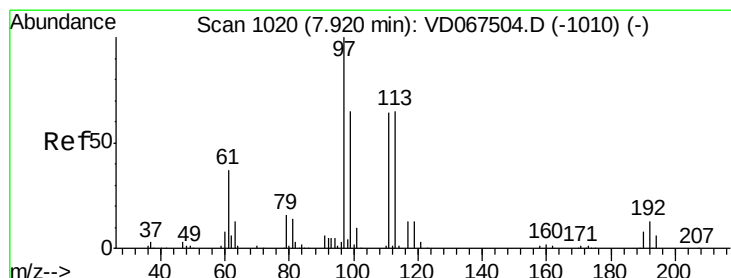
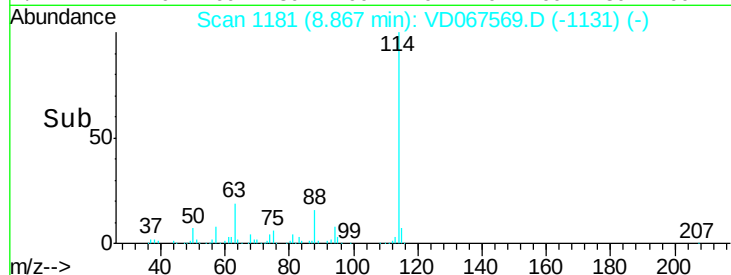
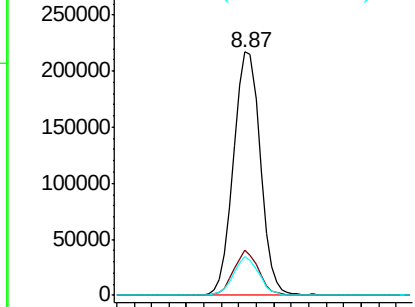
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067569.D
 Acq: 09 Nov 2020 16:45

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-S2

Tot Ion:114 Resp: 453014
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 35.0
 88 15.7 0.0 33.0

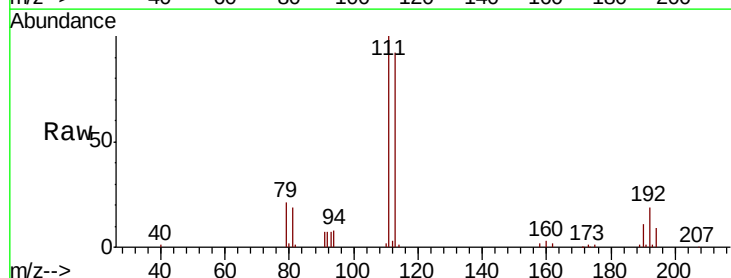


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

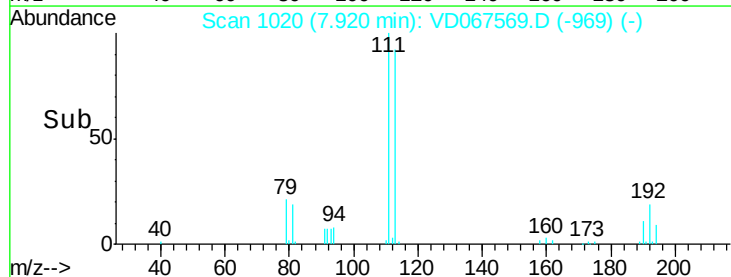
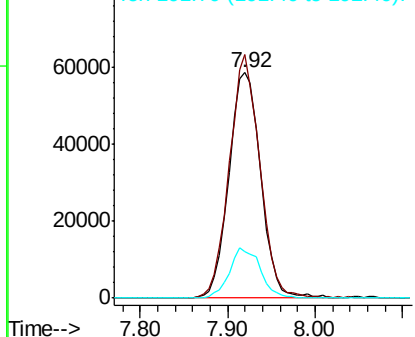


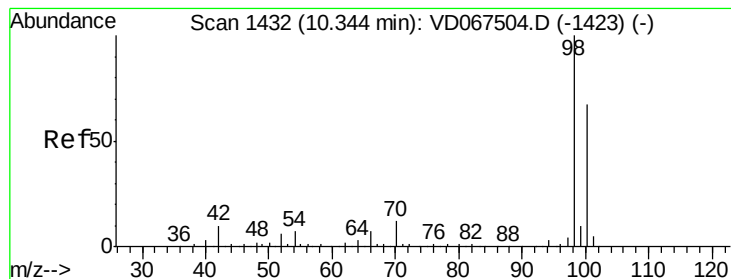
#35
 Dibromofluoromethane
 Concen: 52.943 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067569.D
 Acq: 09 Nov 2020 16:45

Tgt Ion:113 Resp: 144503
 Ion Ratio Lower Upper
 113 100
 111 103.7 80.0 120.0
 192 21.4 16.3 24.5



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: 55.719 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067569.D

Acq: 09 Nov 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

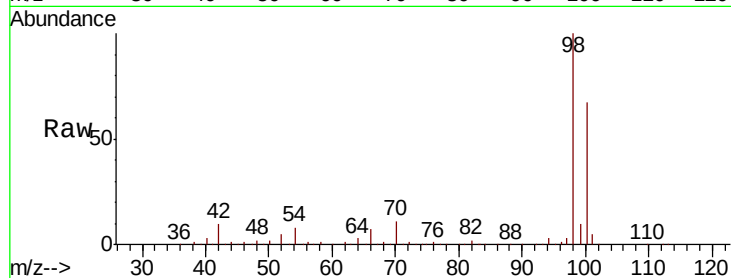
TP-1-S2

Tot Ion: 98 Resp: 534442

Ion Ratio Lower Upper

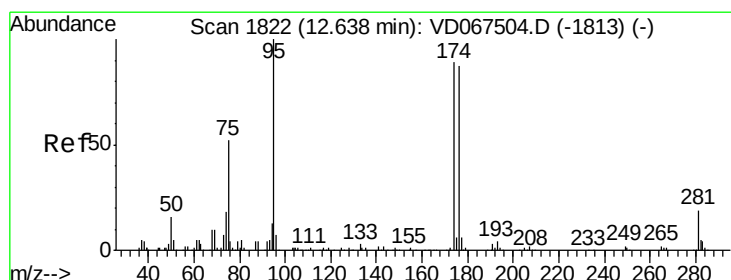
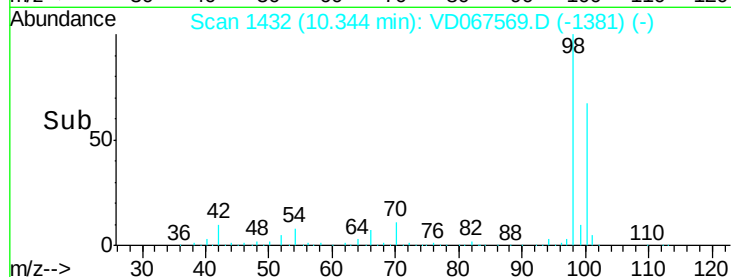
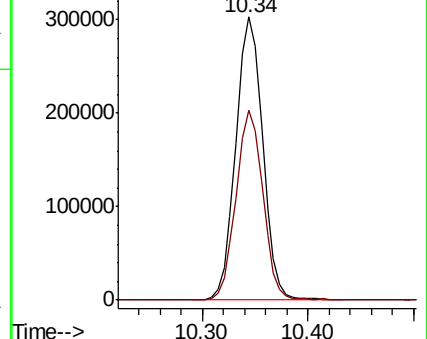
98 100

100 66.6 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 61.212 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067569.D

Acq: 09 Nov 2020 16:45

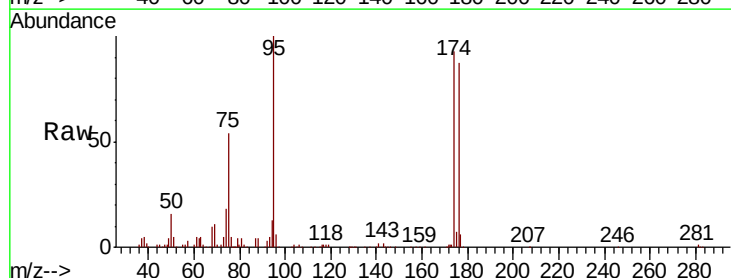
Tgt Ion: 95 Resp: 202705

Ion Ratio Lower Upper

95 100

174 90.9 0.0 177.8

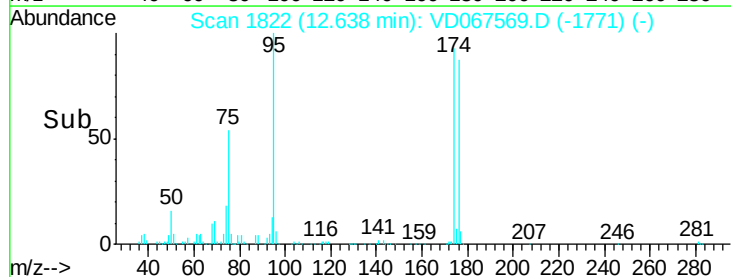
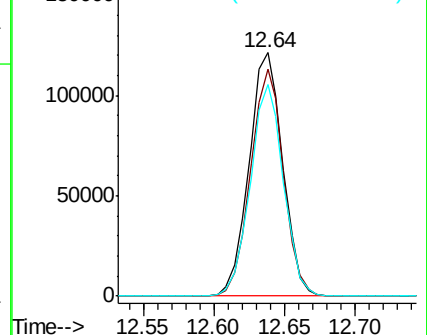
176 85.7 0.0 172.0

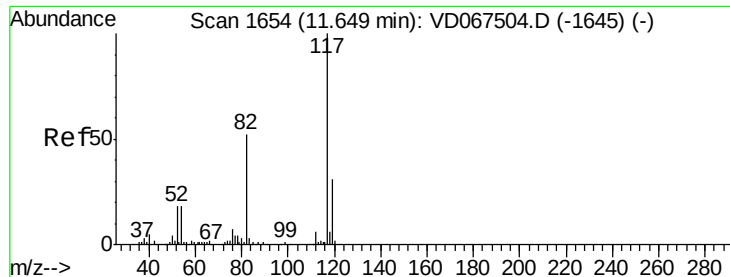


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

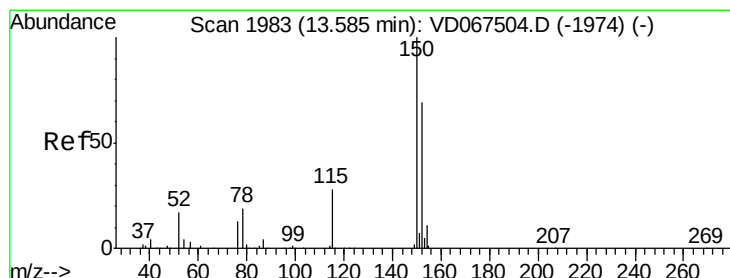
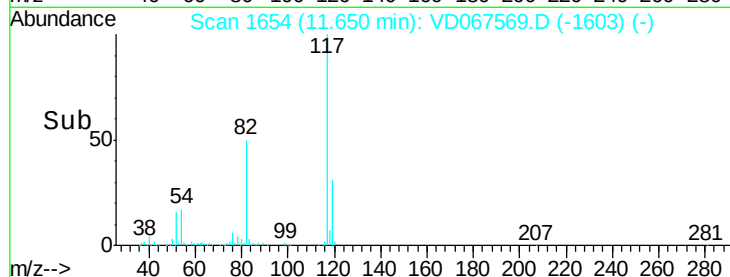
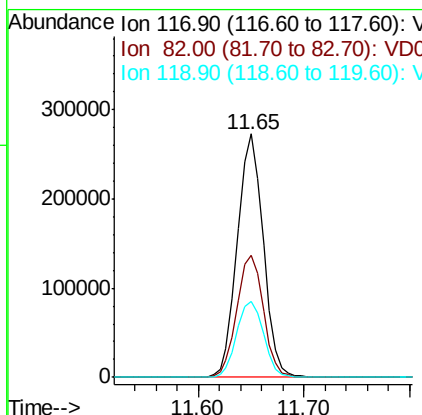
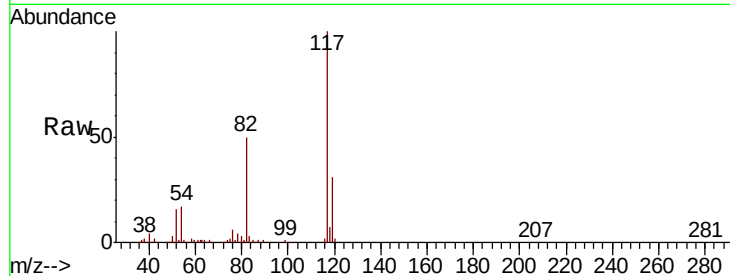




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067569.D
Acq: 09 Nov 2020 16:45

Instrument :
MSVOA_D
ClientSampleId :
TP-1-S2

Tot Ion:117 Resp: 463177
Ion Ratio Lower Upper
117 100
82 50.0 41.6 62.4
119 31.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067569.D
Acq: 09 Nov 2020 16:45

Tgt Ion:152 Resp: 240744
Ion Ratio Lower Upper
152 100
115 58.0 29.3 88.0
150 155.6 0.0 338.2

