

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067121.D
 Acq On : 06 Oct 2020 22:39
 Operator : VA/SY
 Sample : VD1006SBL02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBL02

Quant Time: Oct 07 02:03:42 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	307923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	540111	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	504635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	231165	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	178611	60.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.44%	
35) Dibromofluoromethane	7.92	113	184468	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	10.34	98	625025	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
62) 4-Bromofluorobenzene	12.64	95	208497	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	

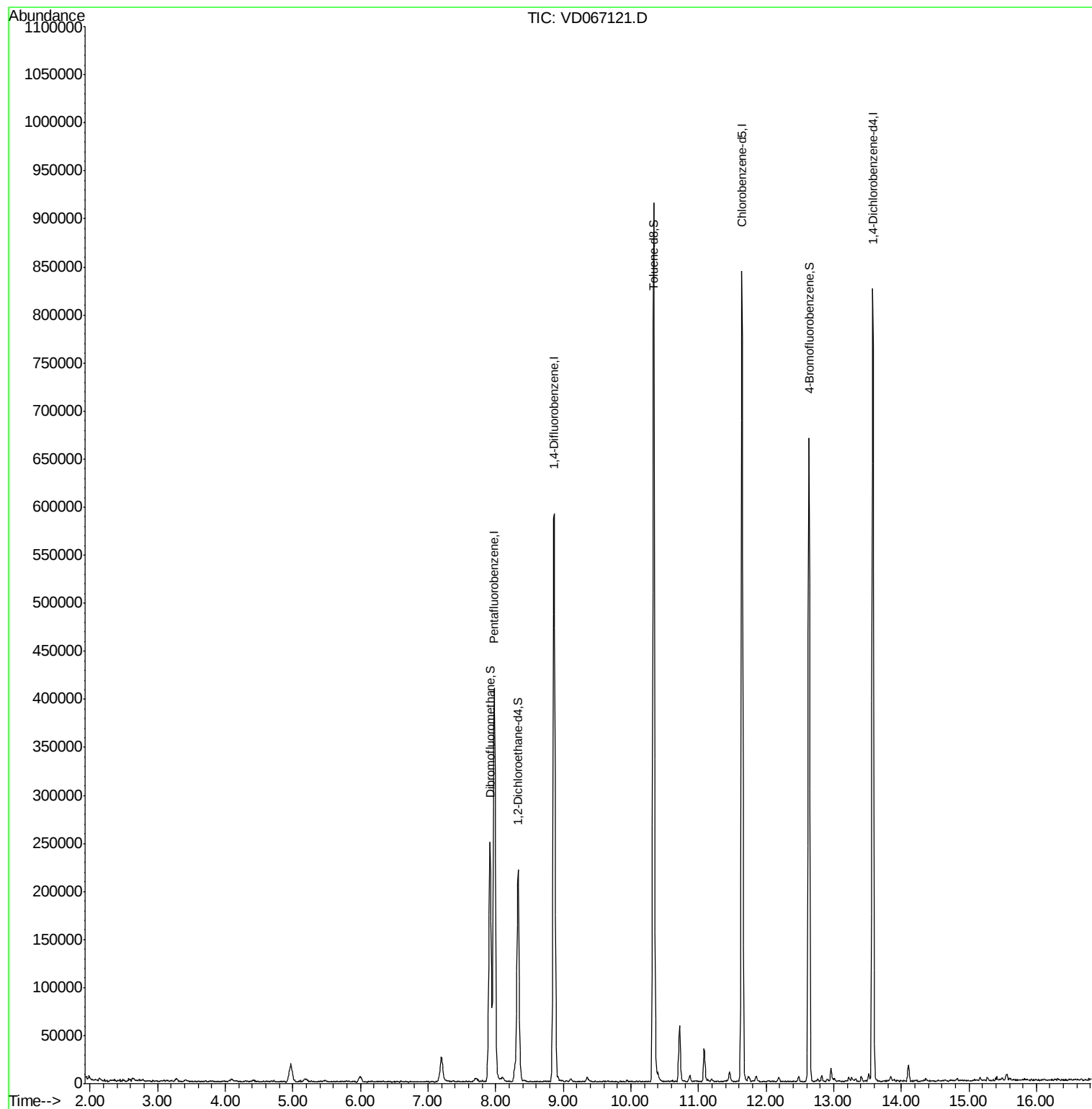
Target Compounds	Qvalue
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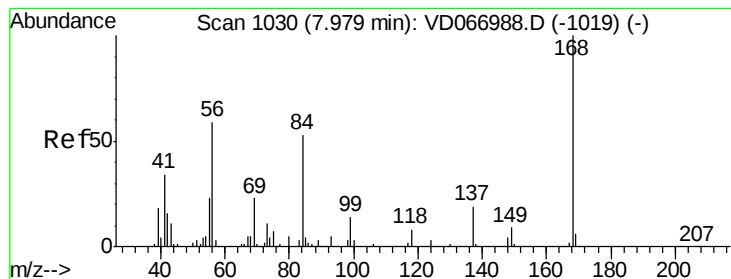
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD067121.D

Acq: 06 Oct 2020 22:39

Instrument :

MSVOA_D

ClientSampleId :

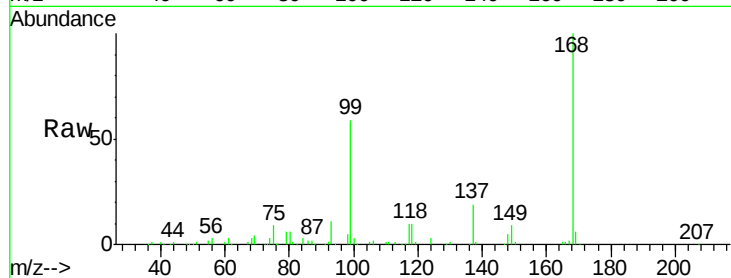
VD1006SBL02

Tot Ion:168 Resp: 307923

Ion Ratio Lower Upper

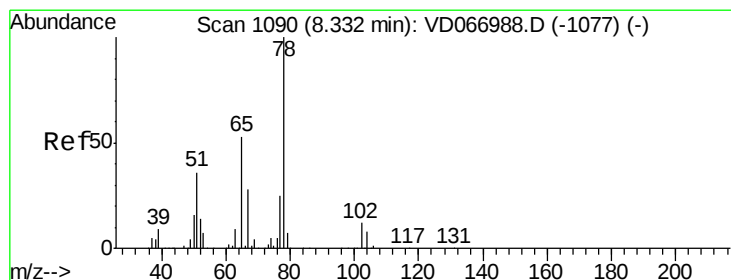
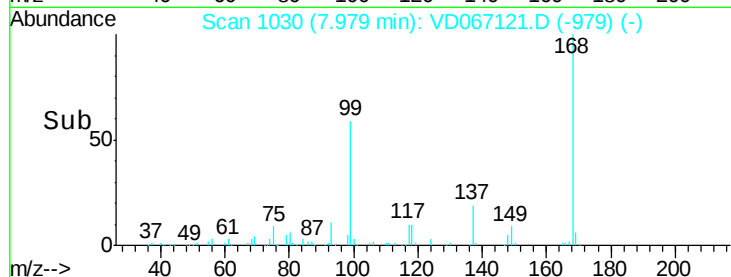
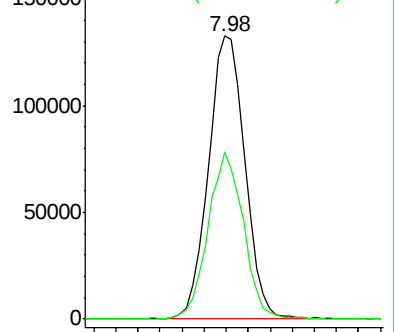
168 100

99 58.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 60.222 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD067121.D

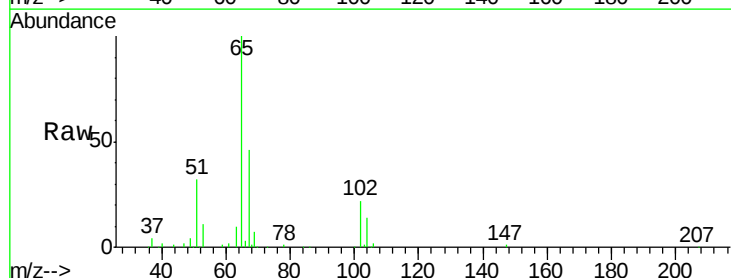
Acq: 06 Oct 2020 22:39

Tgt Ion: 65 Resp: 178611

Ion Ratio Lower Upper

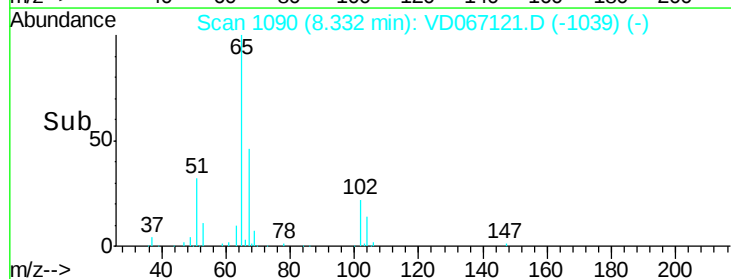
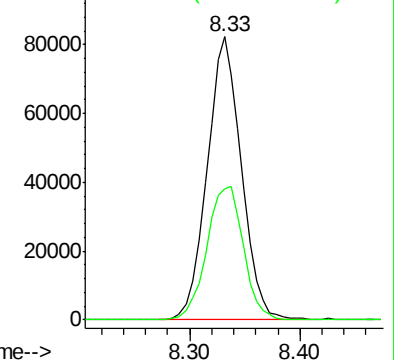
65 100

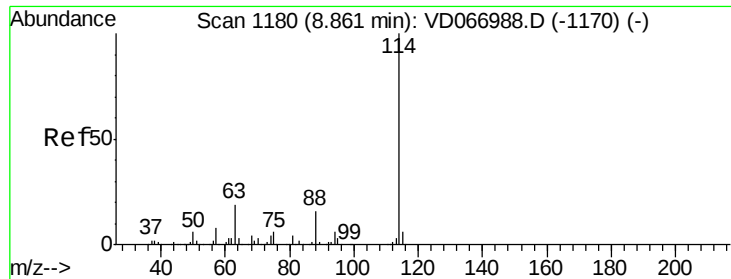
67 50.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

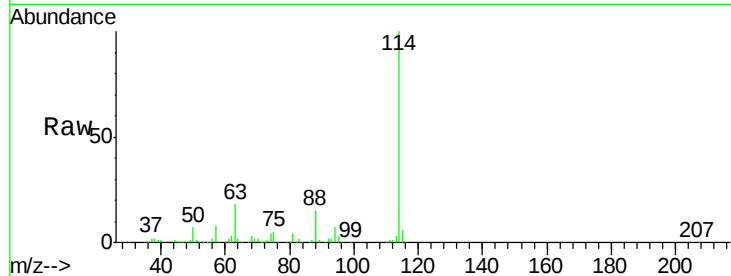




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067121.D
 Acq: 06 Oct 2020 22:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBL02

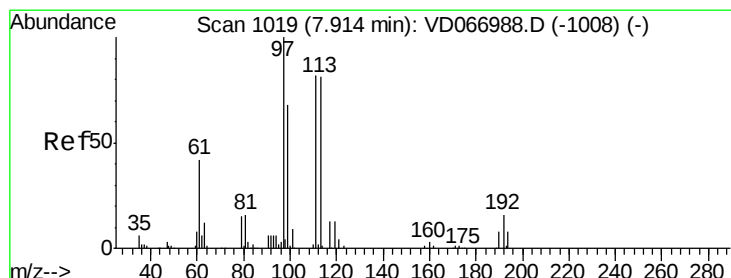
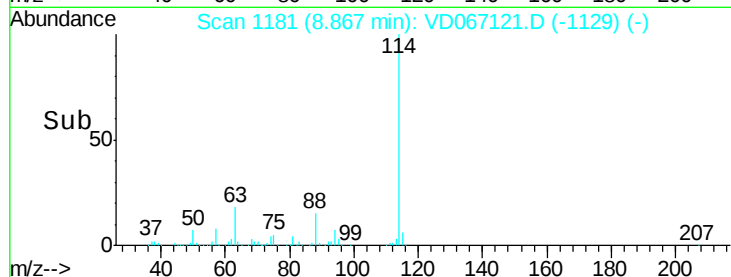
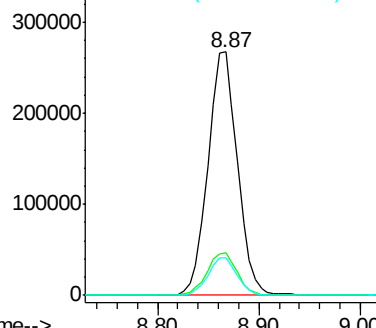
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	38.4
88	15.4	0.0	31.2



Abundance Ion 113.90 (113.60 to 114.60): V

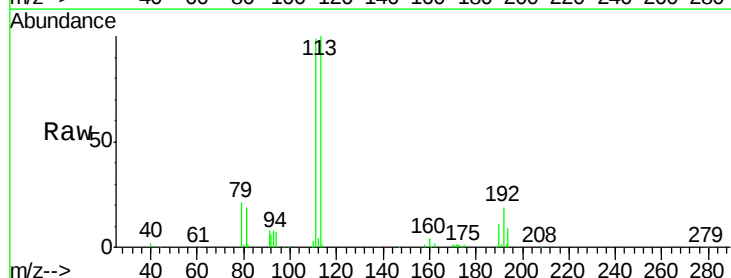
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 52.169 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067121.D
 Acq: 06 Oct 2020 22:39

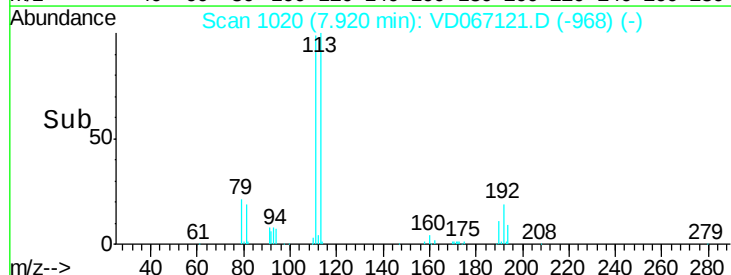
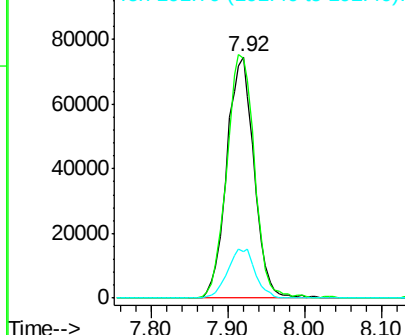
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.0	124.4
192	20.6	15.5	23.3

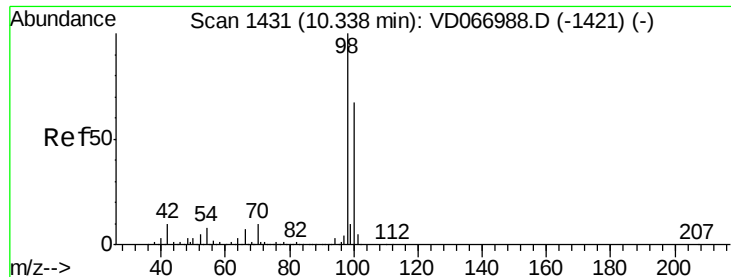


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.509 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD067121.D

Acq: 06 Oct 2020 22:39

Instrument :

MSVOA_D

ClientSampleId :

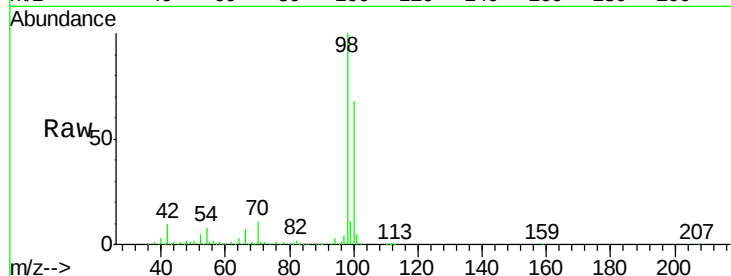
VD1006SBL02

Tot Ion: 98 Resp: 625025

Ion Ratio Lower Upper

98 100

100 67.1 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

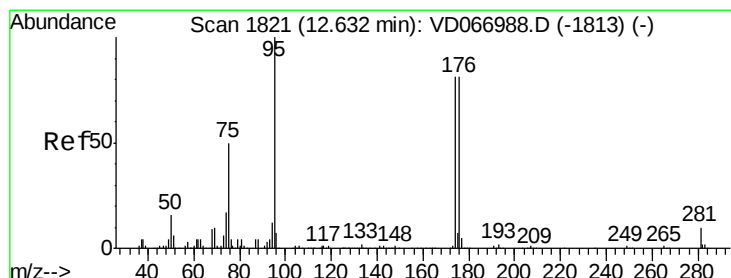
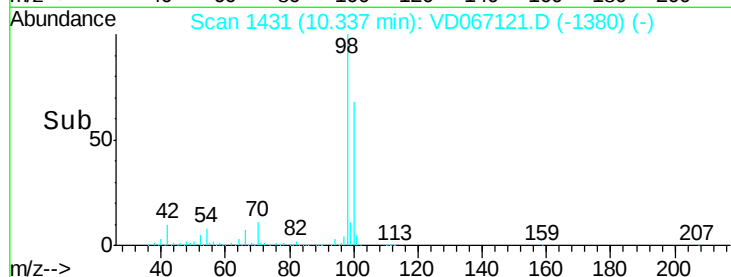
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 47.667 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067121.D

Acq: 06 Oct 2020 22:39

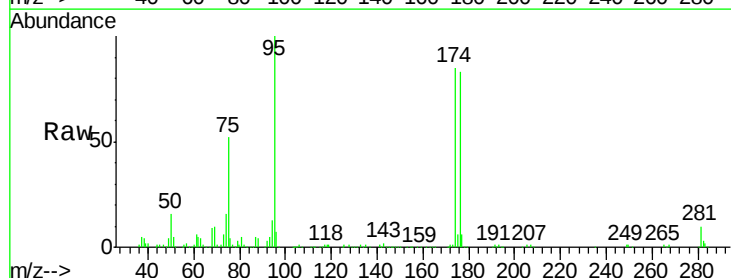
Tgt Ion: 95 Resp: 208497

Ion Ratio Lower Upper

95 100

174 85.7 0.0 167.6

176 83.5 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) (-)

12.64

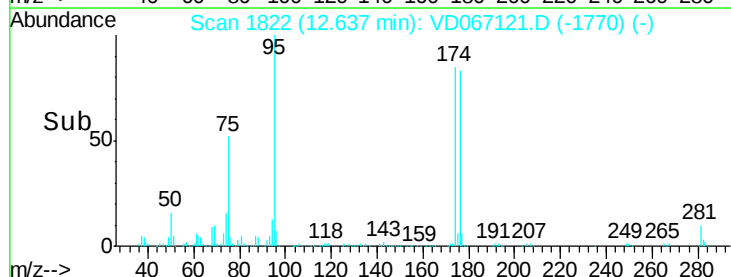
150000

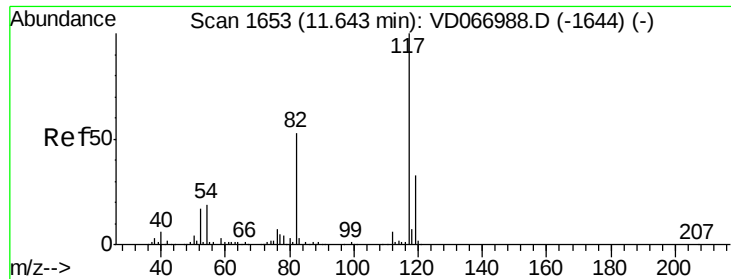
100000

50000

0

Time--> 12.60 12.70

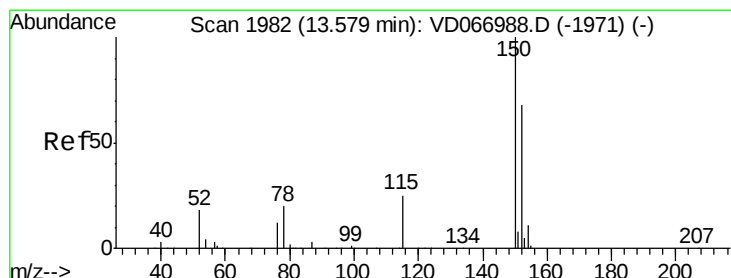
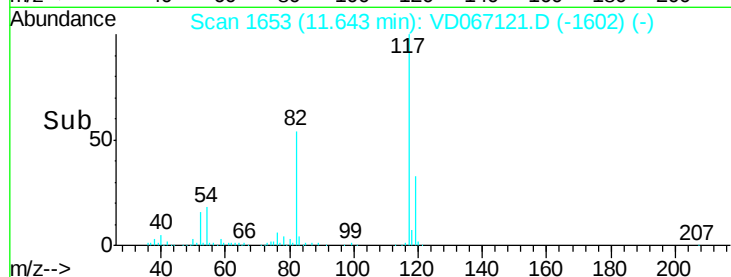
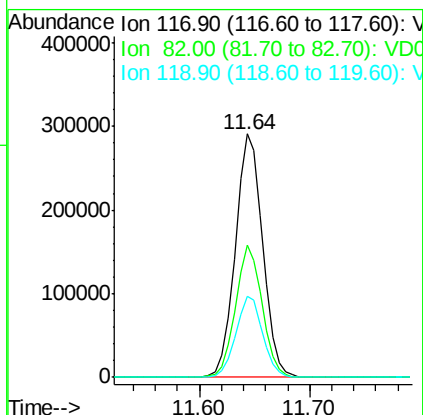
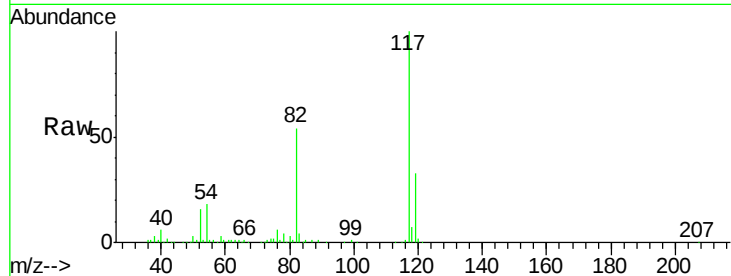




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD067121.D
Acq: 06 Oct 2020 22:39

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBL02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	42.6	63.8
119	33.1	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: VD067121.D
Acq: 06 Oct 2020 22:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.6	88.8
150	157.9	0.0	344.8

