

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067114.D
 Acq On : 06 Oct 2020 18:07
 Operator : VA/SY
 Sample : L4272-45
 Misc : 7.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-8-(6.5)

Quant Time: Oct 07 01:50:17 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	393023	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	666659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	621228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	288259	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	204558	54.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.08%	
35) Dibromofluoromethane	7.91	113	217933	49.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.86%	
50) Toluene-d8	10.34	98	785989	49.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.64	95	259588	48.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.16%	

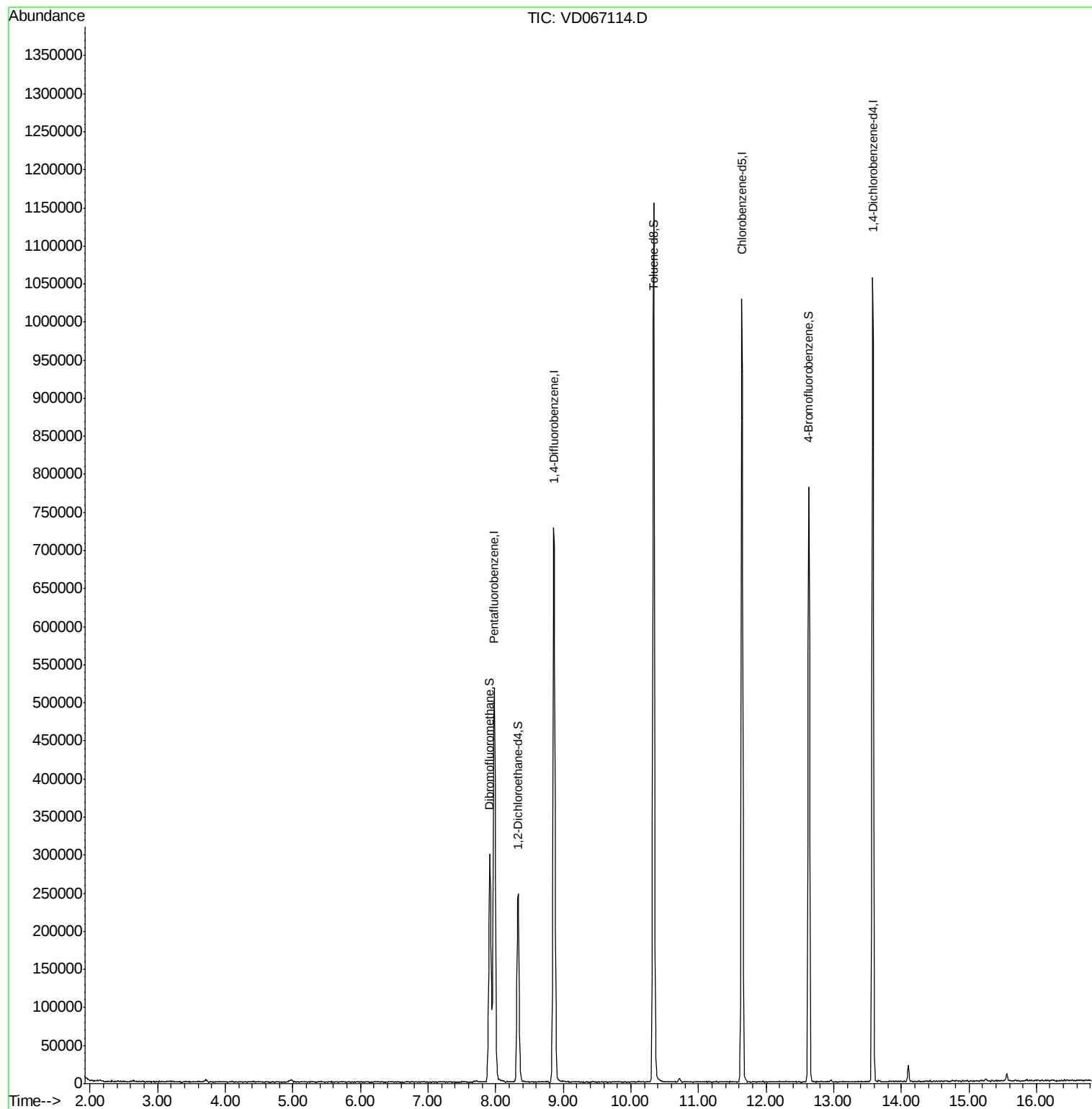
Target Compounds	Qvalue

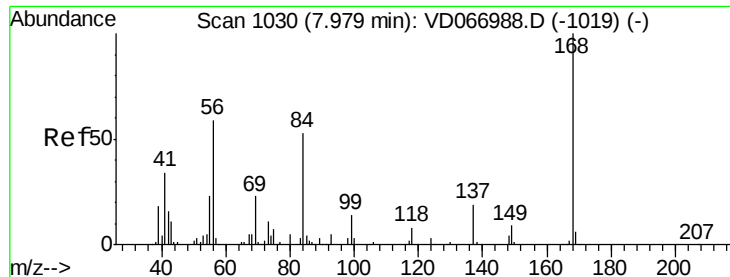
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067114.D

Acq: 06 Oct 2020 18:07

Instrument :

MSVOA_D

ClientSampleId :

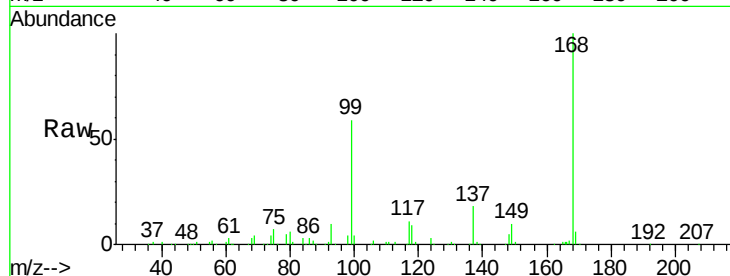
SC-8-(6.5)

Tot Ion:168 Resp: 393023

Ion Ratio Lower Upper

168 100

99 59.3 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

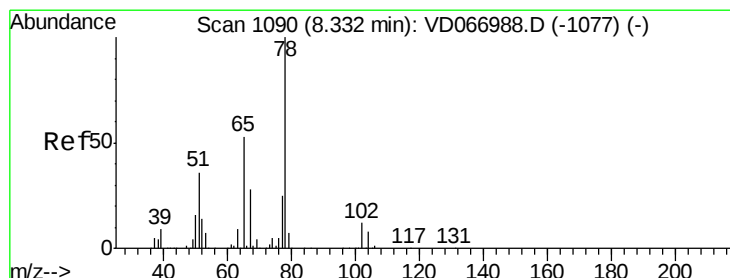
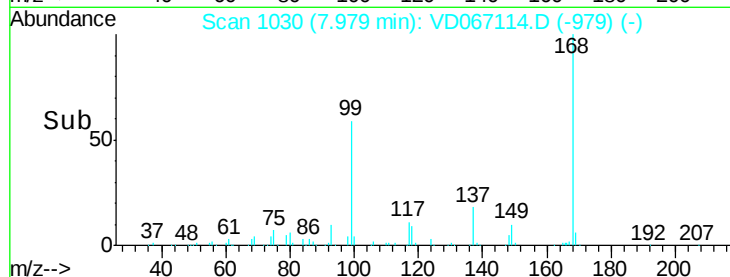
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.036 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067114.D

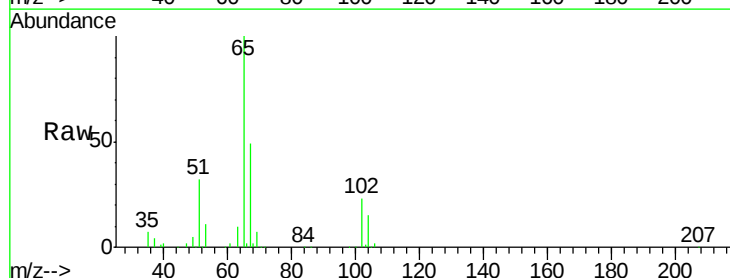
Acq: 06 Oct 2020 18:07

Tgt Ion: 65 Resp: 204558

Ion Ratio Lower Upper

65 100

67 50.1 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

100000

80000

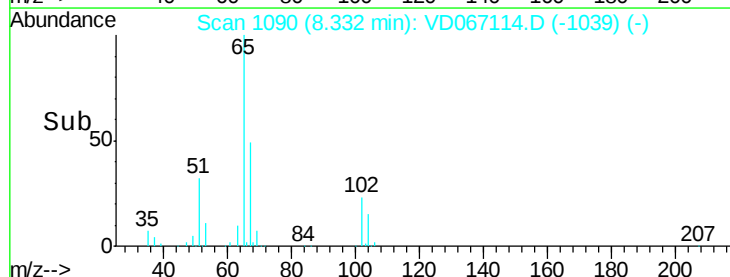
60000

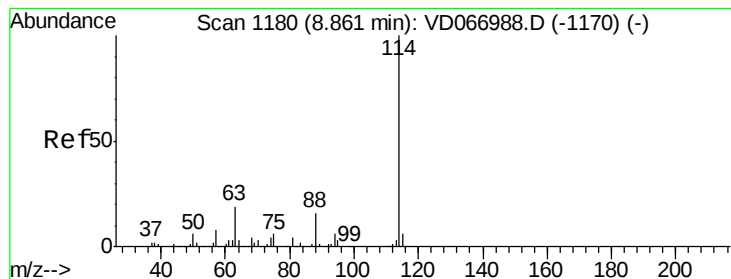
40000

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: VD067114.D

Acq: 06 Oct 2020 18:07

Instrument :

MSVOA_D

ClientSampleId :

SC-8-(6.5)

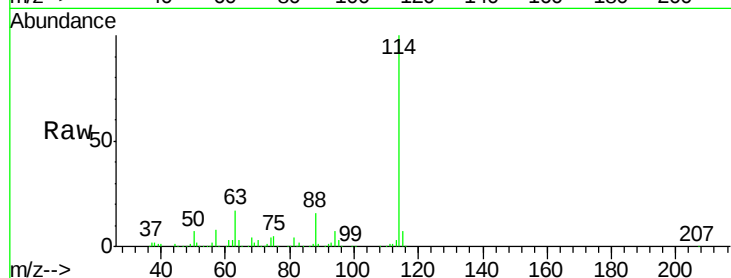
Tot Ion:114 Resp: 666659

Ion Ratio Lower Upper

114 100

63 17.0 0.0 38.4

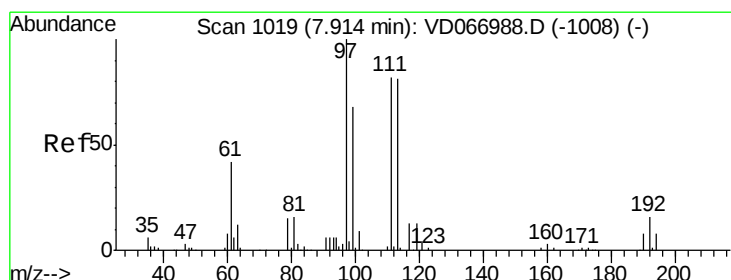
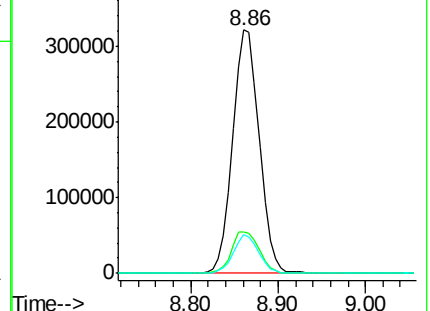
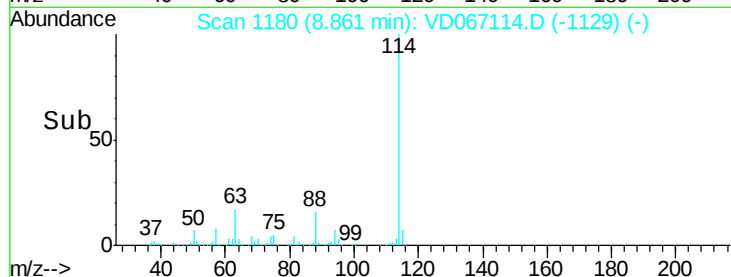
88 16.0 0.0 31.2



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: 49.933 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067114.D

Acq: 06 Oct 2020 18:07

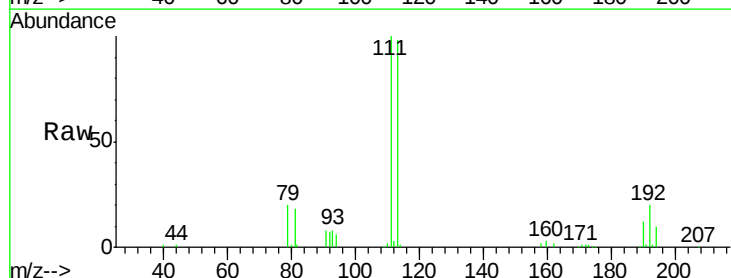
Tgt Ion:113 Resp: 217933

Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.4

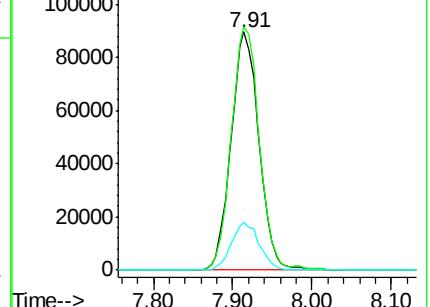
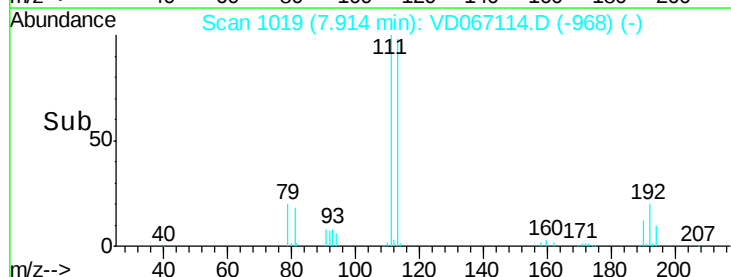
192 20.1 15.5 23.3

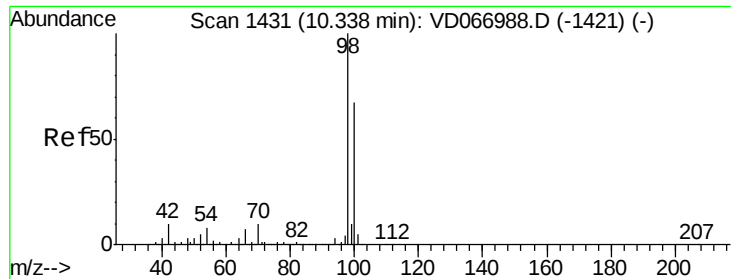


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.422 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067114.D

Acq: 06 Oct 2020 18:07

Instrument :

MSVOA_D

ClientSampleId :

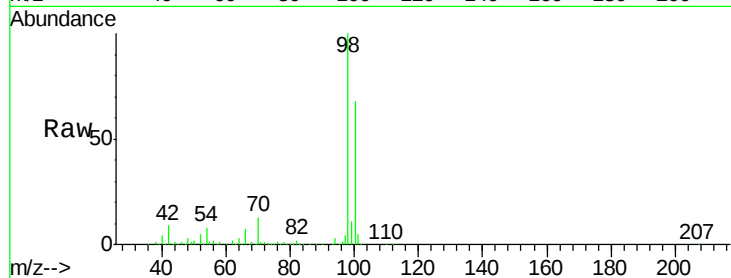
SC-8-(6.5)

Tot Ion: 98 Resp: 785989

Ion Ratio Lower Upper

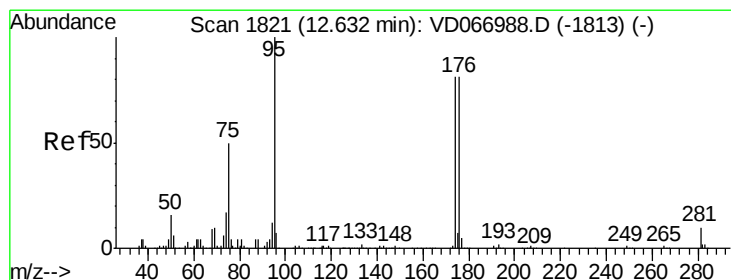
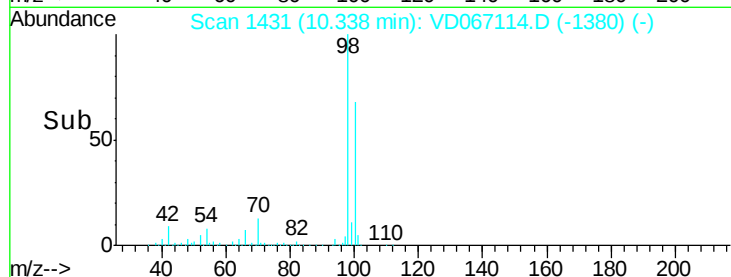
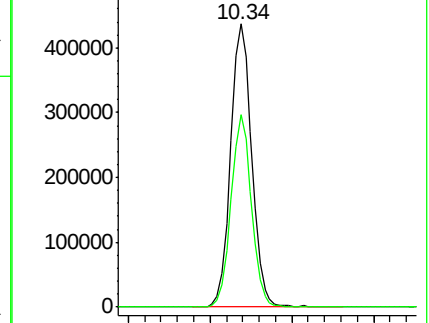
98 100

100 65.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 48.081 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067114.D

Acq: 06 Oct 2020 18:07

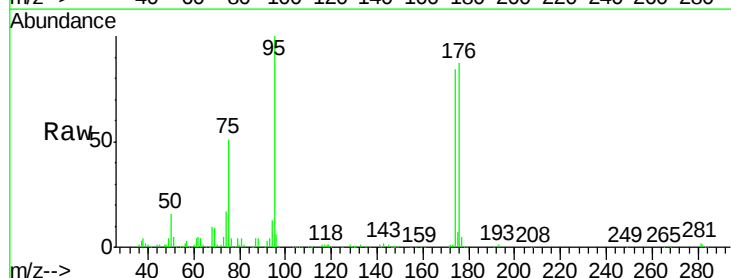
Tgt Ion: 95 Resp: 259588

Ion Ratio Lower Upper

95 100

174 85.9 0.0 167.6

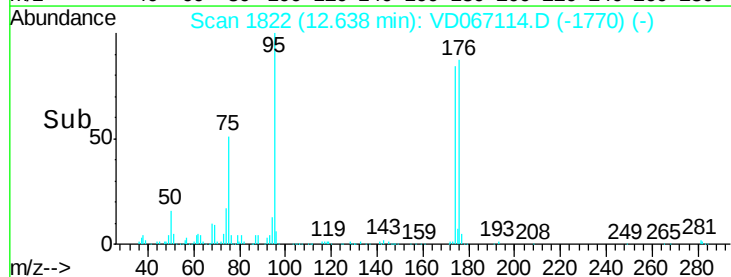
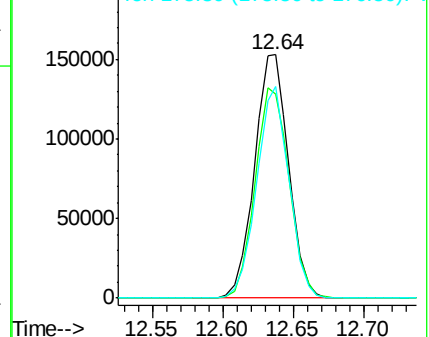
176 82.4 0.0 162.4

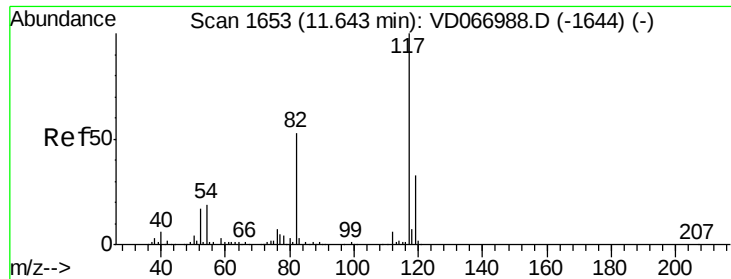


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

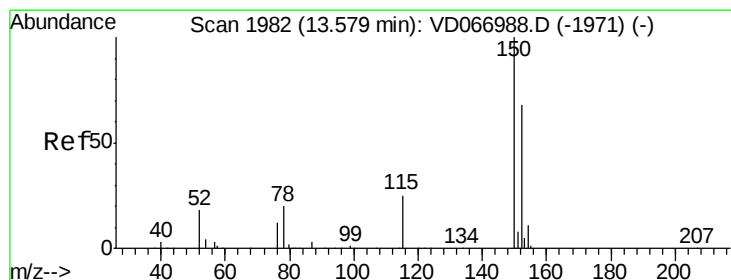
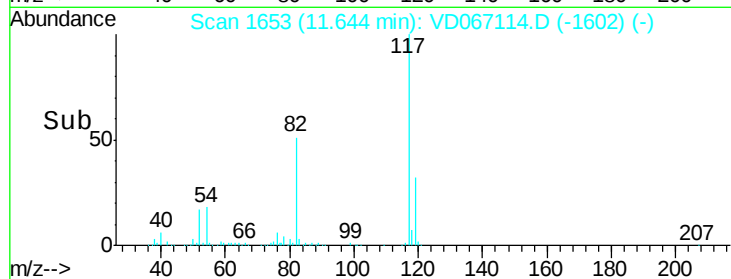
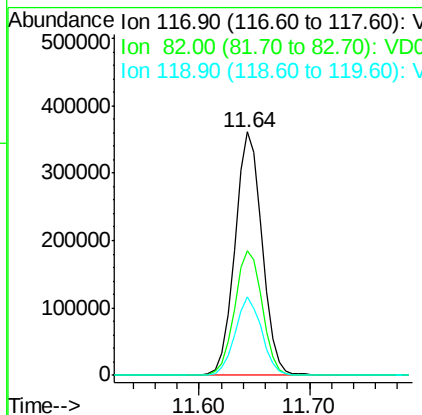
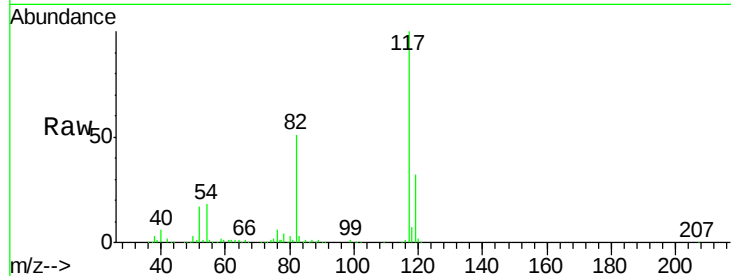




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067114.D
Acq: 06 Oct 2020 18:07

Instrument :
MSVOA_D
ClientSampleId :
SC-8-(6.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	42.6	63.8
119	32.0	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: VD067114.D
Acq: 06 Oct 2020 18:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.6	88.8
150	156.2	0.0	344.8

