

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090220\
 Data File : VD066522.D
 Acq On : 02 Sep 2020 14:59
 Operator : VA/SY
 Sample : VD0902SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0902SBL01

Quant Time: Sep 03 03:49:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 02 15:08:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	173323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	237367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	216235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	112876	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	98485	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
35) Dibromofluoromethane	7.91	113	76561	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
50) Toluene-d8	10.34	98	284613	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
62) 4-Bromofluorobenzene	12.63	95	99516	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	

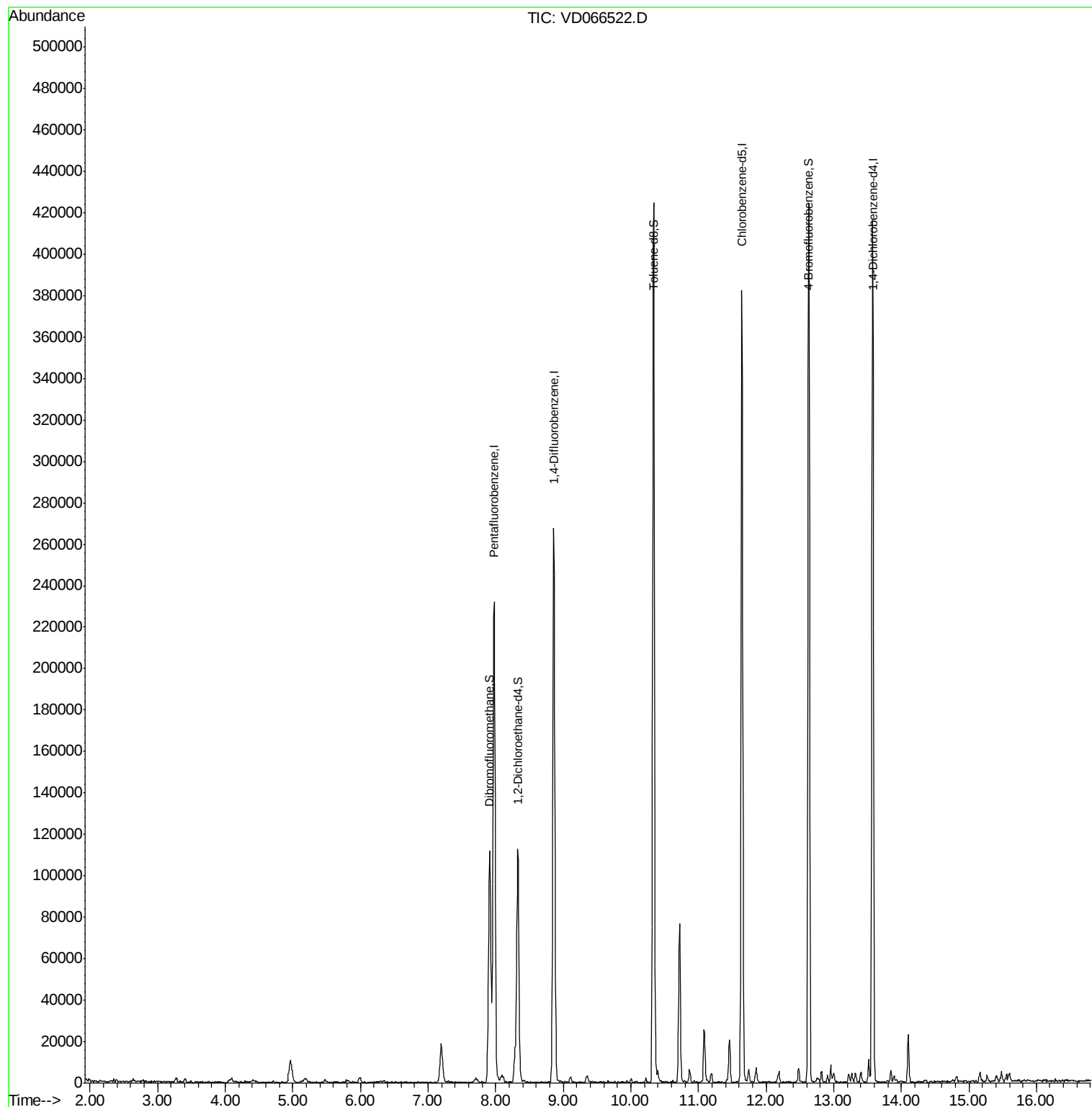
Target Compounds	Qvalue

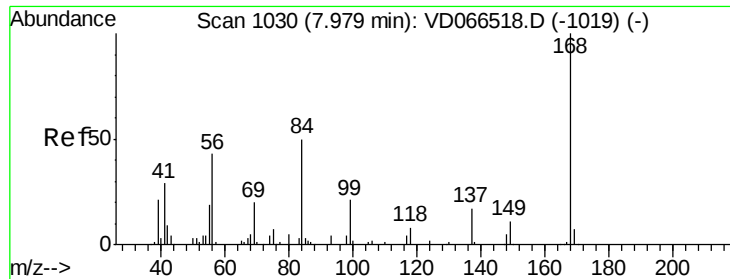
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066522.D

Acq: 02 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

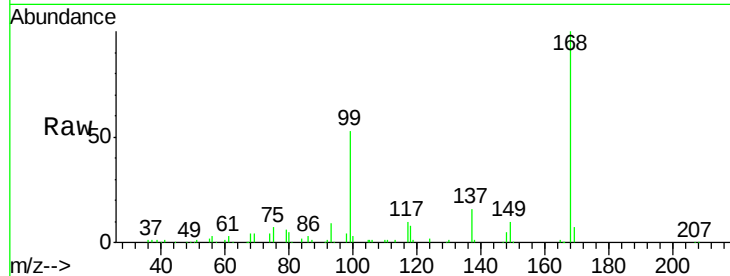
VD0902SBL01

Tot Ion:168 Resp: 173323

Ion Ratio Lower Upper

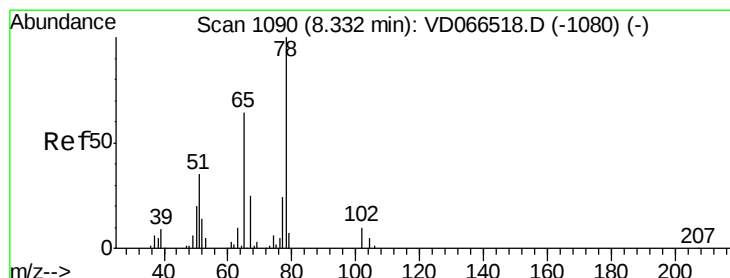
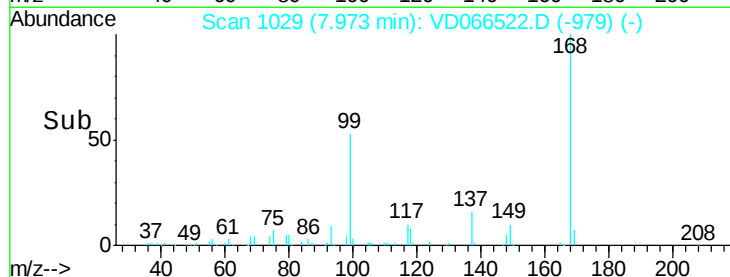
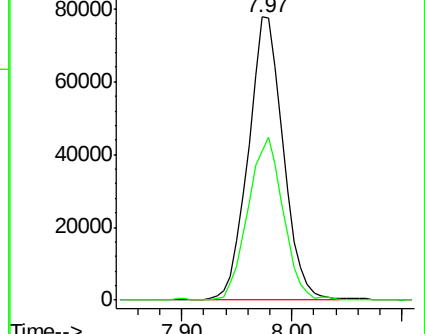
168 100

99 52.3 45.1 67.7



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: 52.835 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066522.D

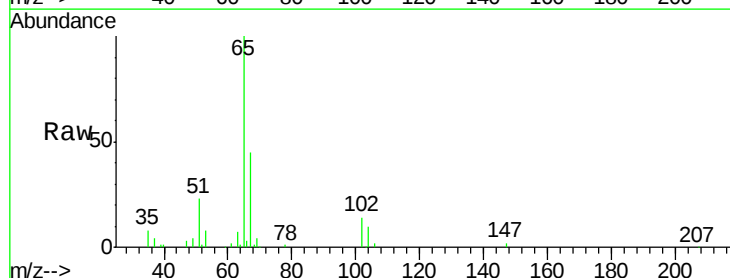
Acq: 02 Sep 2020 14:59

Tgt Ion: 65 Resp: 98485

Ion Ratio Lower Upper

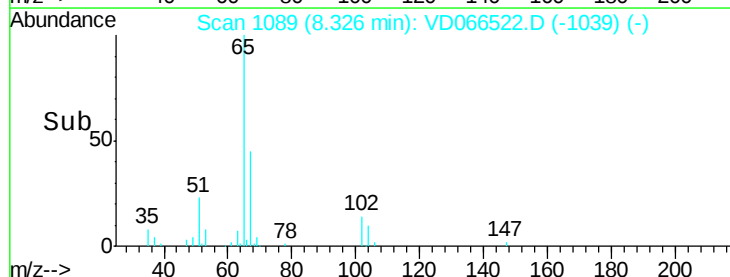
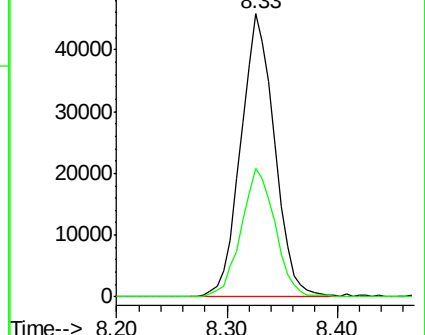
65 100

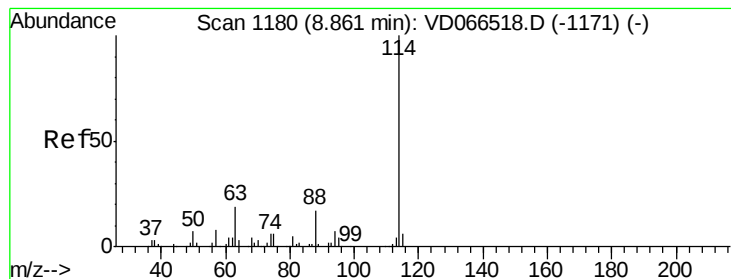
67 45.7 0.0 88.2



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: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066522.D

Acq: 02 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

VD0902SBL01

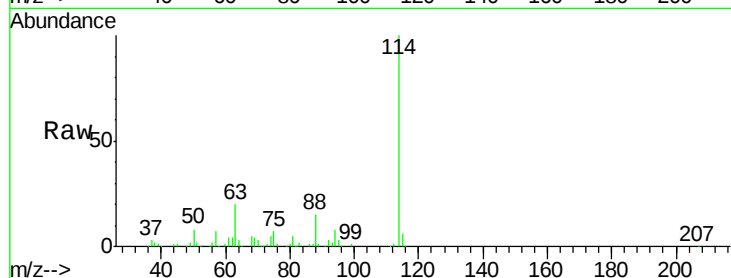
Tot Ion:114 Resp: 237367

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.6

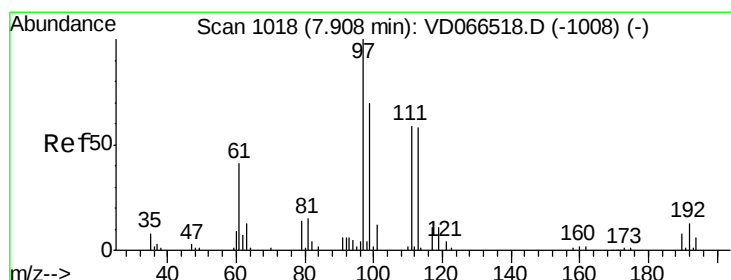
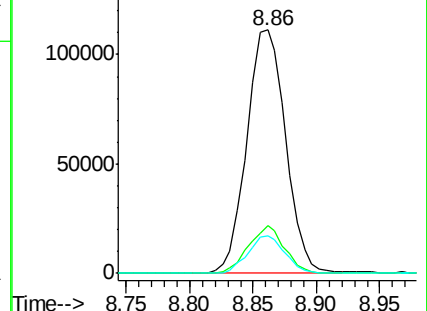
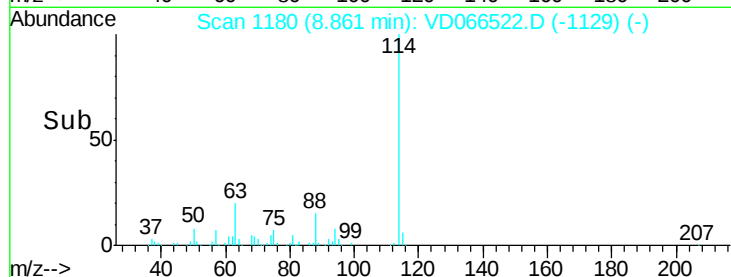
88 15.2 0.0 33.6



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: 53.627 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD066522.D

Acq: 02 Sep 2020 14:59

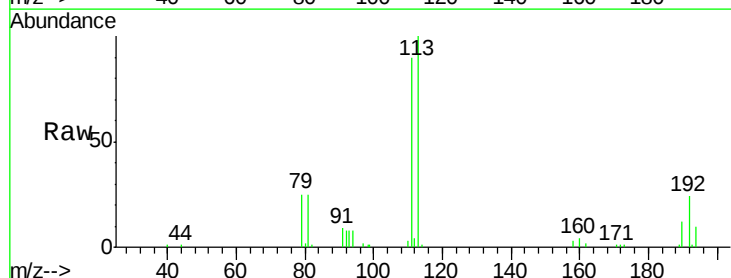
Tgt Ion:113 Resp: 76561

Ion Ratio Lower Upper

113 100

111 100.4 82.5 123.7

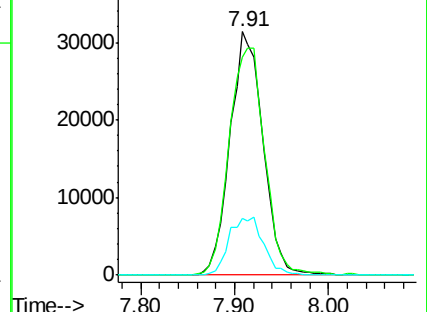
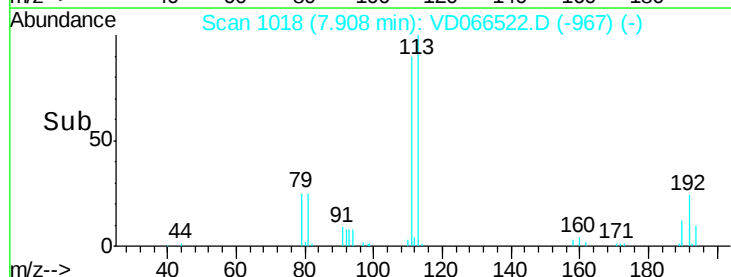
192 24.6 20.7 31.1

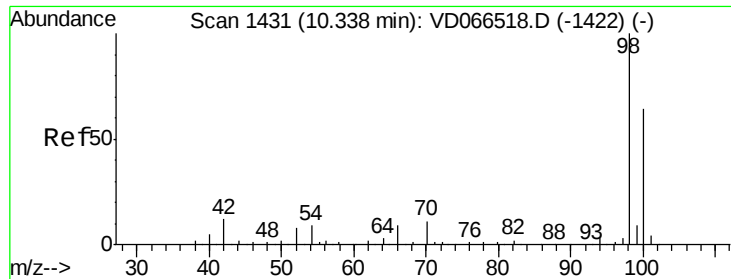


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.092 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066522.D

Acq: 02 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

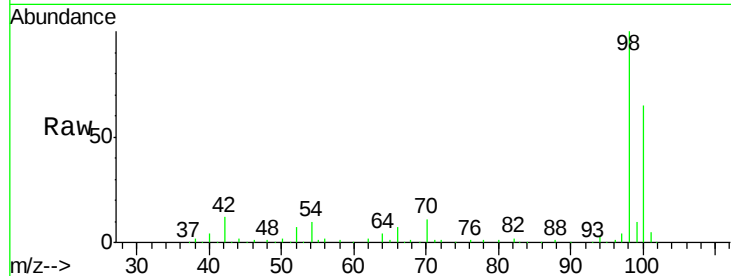
VD0902SBL01

Tot Ion: 98 Resp: 284613

Ion Ratio Lower Upper

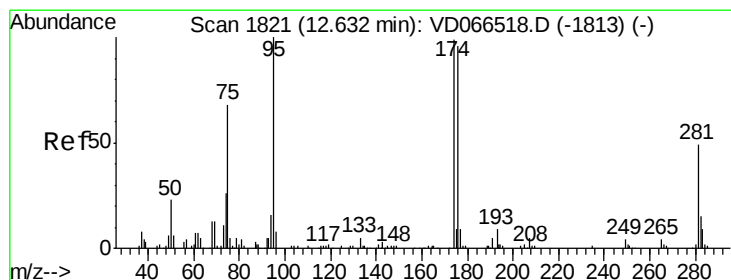
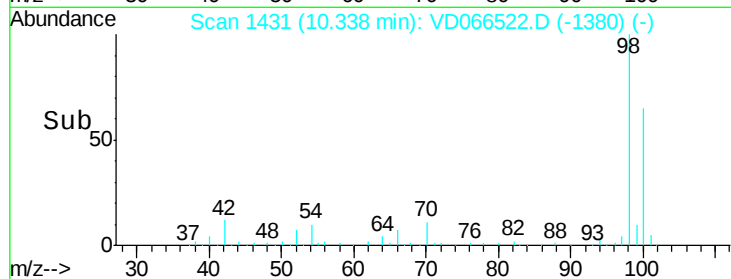
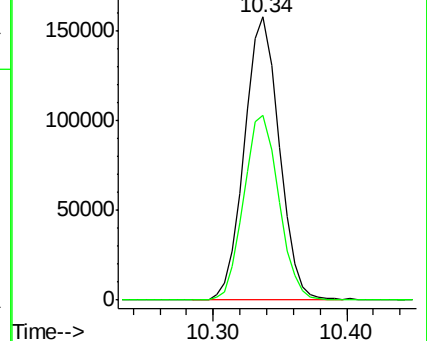
98 100

100 66.1 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: 52.078 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066522.D

Acq: 02 Sep 2020 14:59

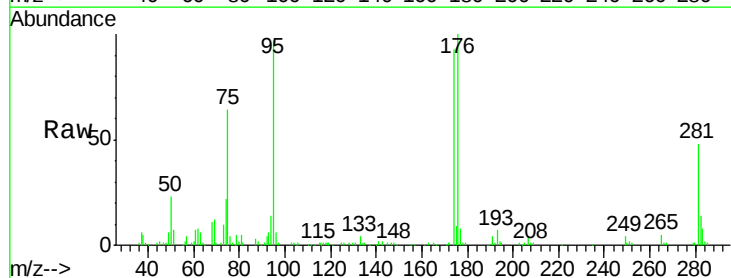
Tgt Ion: 95 Resp: 99516

Ion Ratio Lower Upper

95 100

174 98.0 0.0 203.2

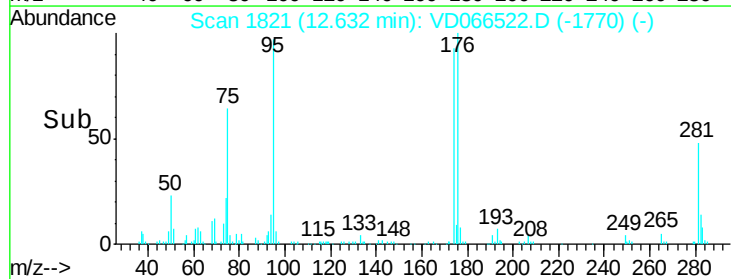
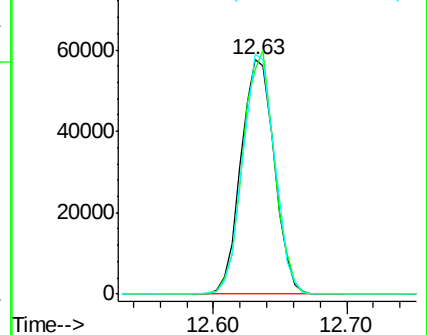
176 98.1 0.0 198.6

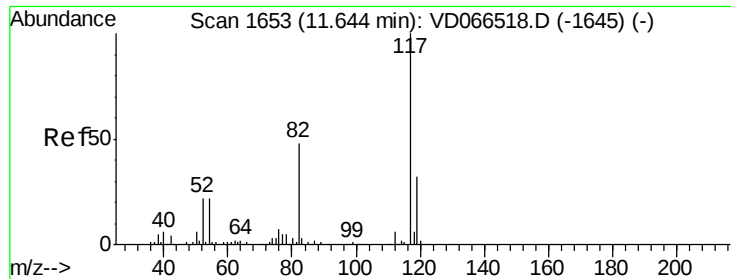


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

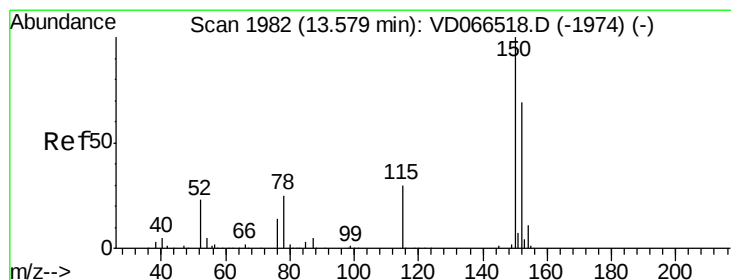
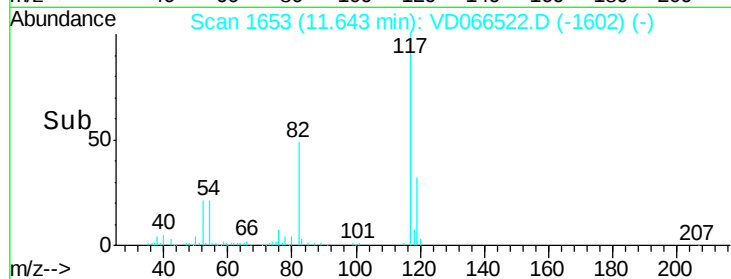
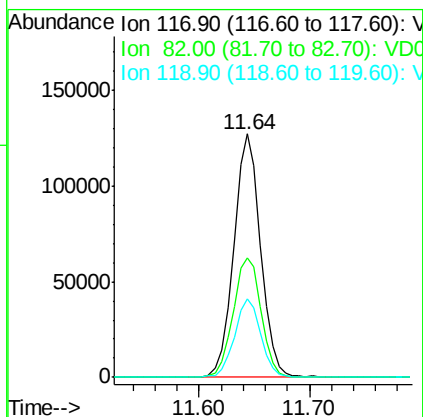
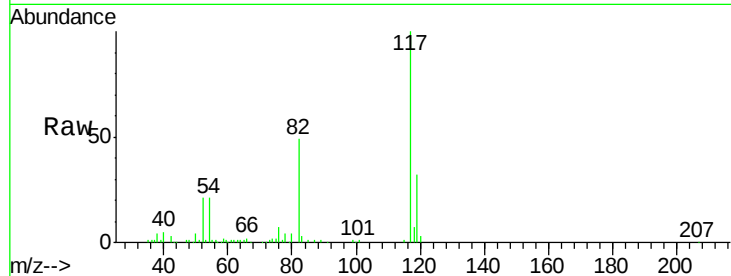




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066522.D
Acq: 02 Sep 2020 14:59

Instrument :
MSVOA_D
ClientSampleId :
VD0902SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.2	38.5	57.7
119	32.0	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066522.D
Acq: 02 Sep 2020 14:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.9	86.8
150	156.5	0.0	339.6

