

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\
 Data File : VD066944.D
 Acq On : 29 Sep 2020 17:42
 Operator : VA/SY
 Sample : L4172-14
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-8(13-14)

Quant Time: Sep 30 03:50:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

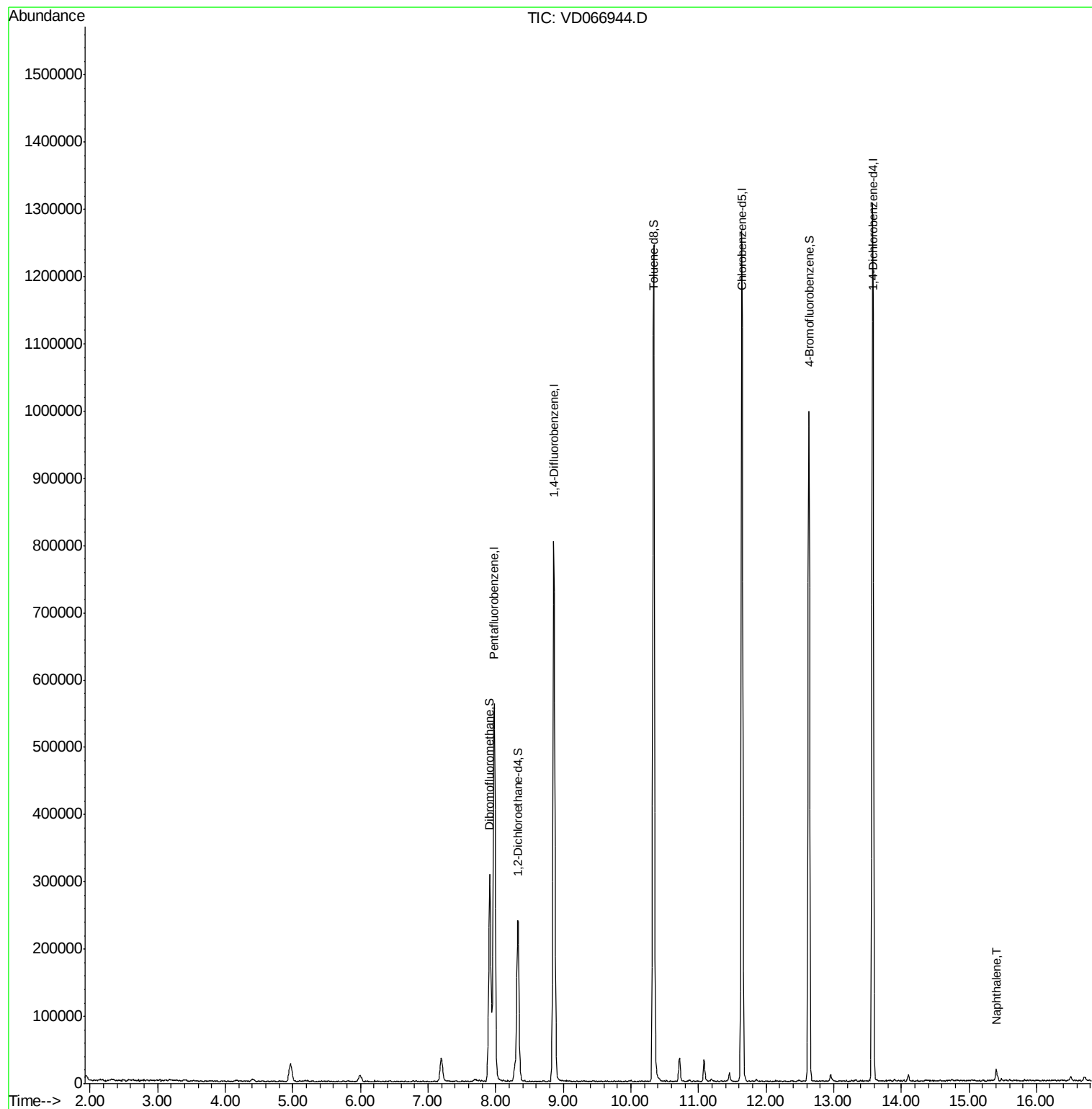
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	419366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	698172	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	741927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	356121	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	195180	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
35) Dibromofluoromethane	7.91	113	223097	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
50) Toluene-d8	10.34	98	842898	55.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.40%	
62) 4-Bromofluorobenzene	12.63	95	320320	61.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.66%	
Target Compounds						
95) Naphthalene	15.41	128	14364	1.322	ug/l #	Qvalue 90

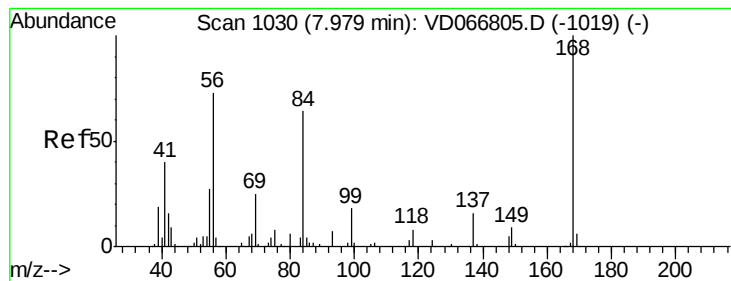
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066944.D

Acq: 29 Sep 2020 17:42

Instrument :

MSVOA_D

ClientSampleId :

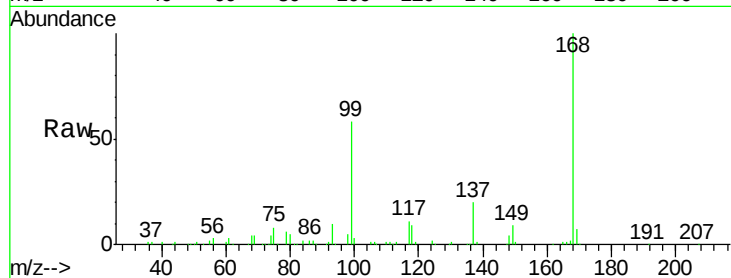
B-8(13-14)

Tot Ion:168 Resp: 419366

Ion Ratio Lower Upper

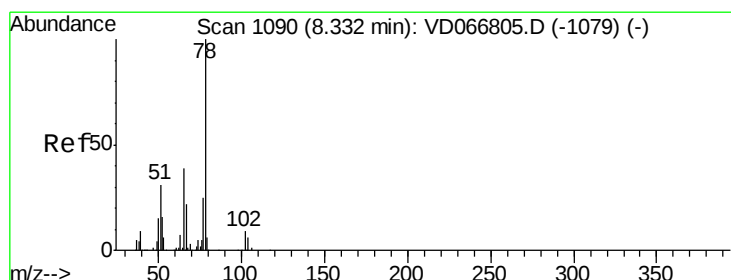
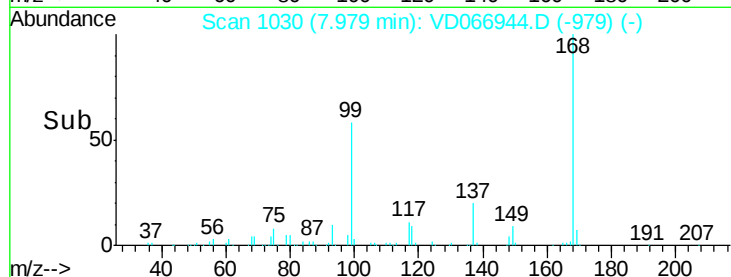
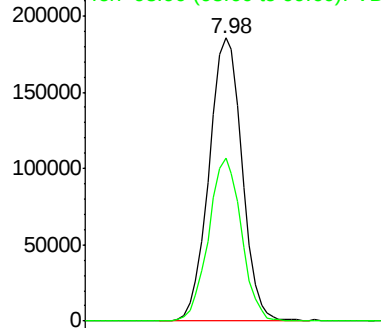
168 100

99 57.5 46.6 69.8



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: 47.552 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066944.D

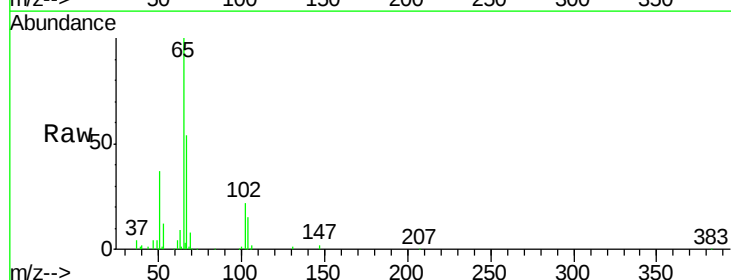
Acq: 29 Sep 2020 17:42

Tgt Ion: 65 Resp: 195180

Ion Ratio Lower Upper

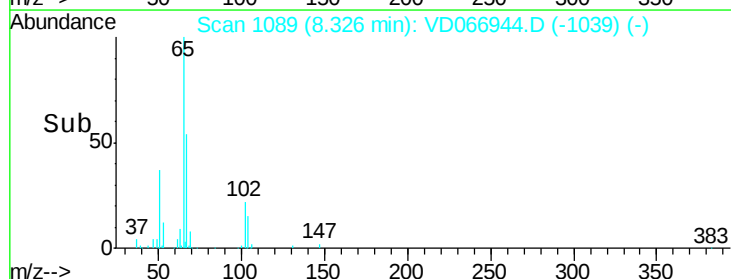
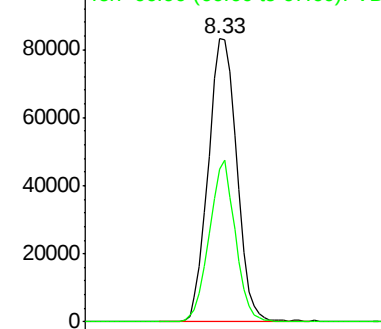
65 100

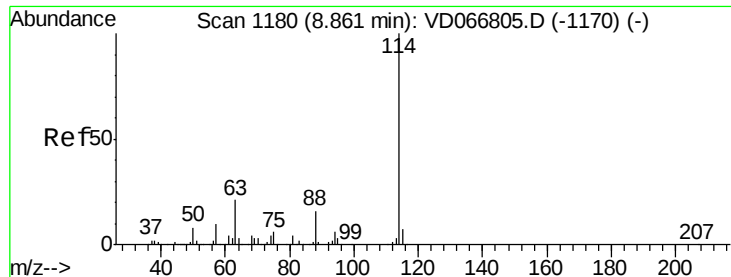
67 51.9 0.0 107.2



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: VD066944.D

Acq: 29 Sep 2020 17:42

Instrument :

MSVOA_D

ClientSampleId :

B-8(13-14)

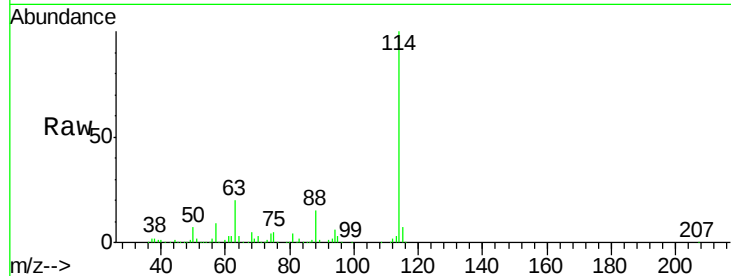
Tot Ion:114 Resp: 698172

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

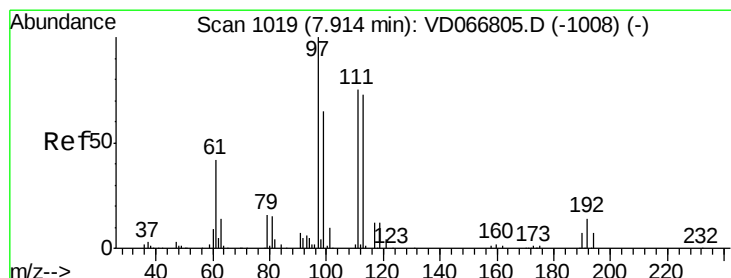
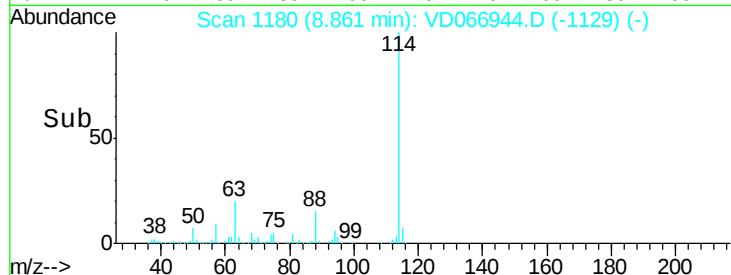
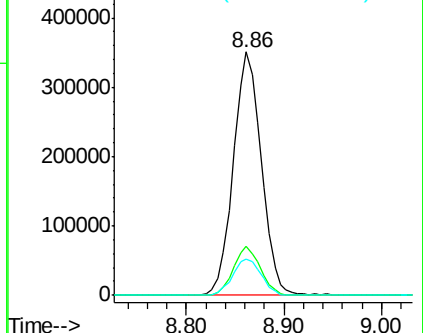
88 14.7 0.0 32.6



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: 50.227 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066944.D

Acq: 29 Sep 2020 17:42

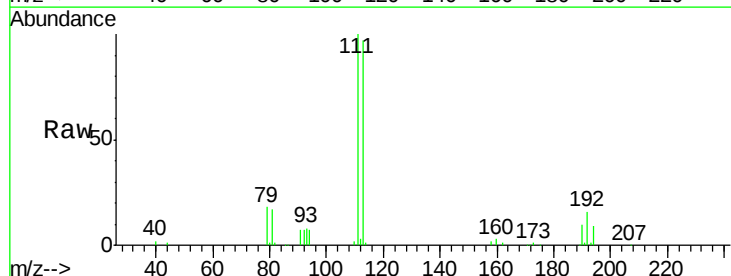
Tgt Ion:113 Resp: 223097

Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.8

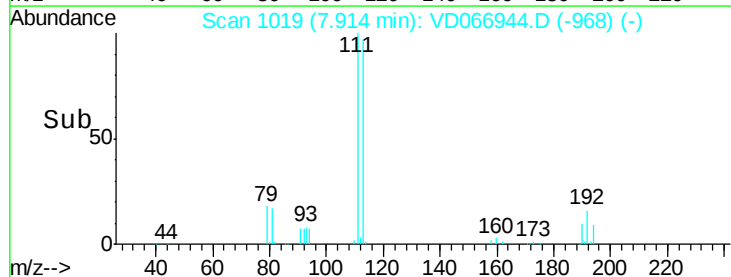
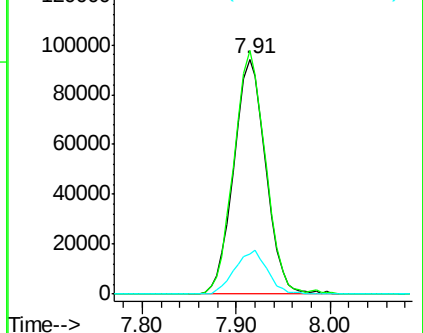
192 19.0 14.4 21.6

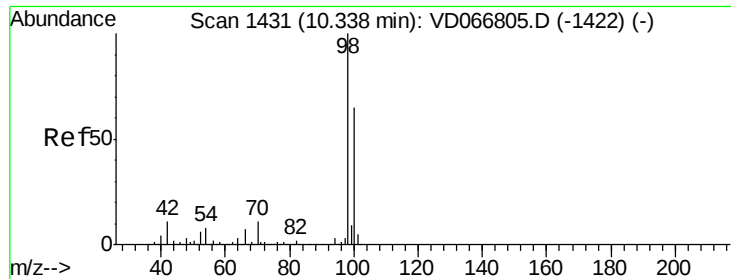


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.696 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066944.D

Acq: 29 Sep 2020 17:42

Instrument :

MSVOA_D

ClientSampled :

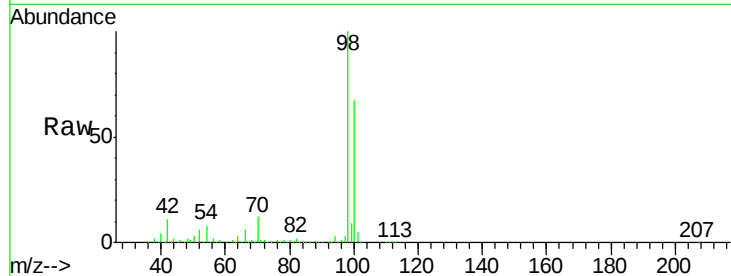
B-8(13-14)

Tot Ion: 98 Resp: 842898

Ion Ratio Lower Upper

98 100

100 66.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

500000

400000

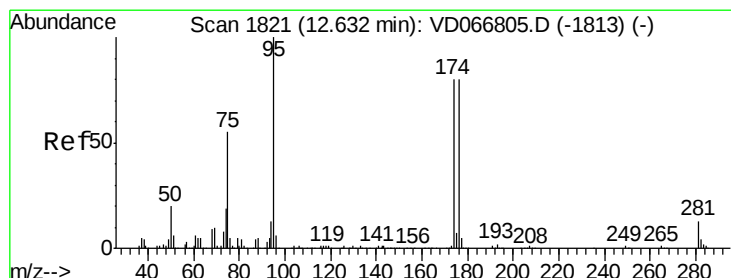
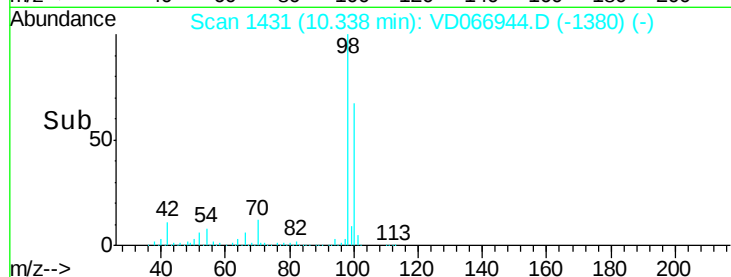
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 61.828 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066944.D

Acq: 29 Sep 2020 17:42

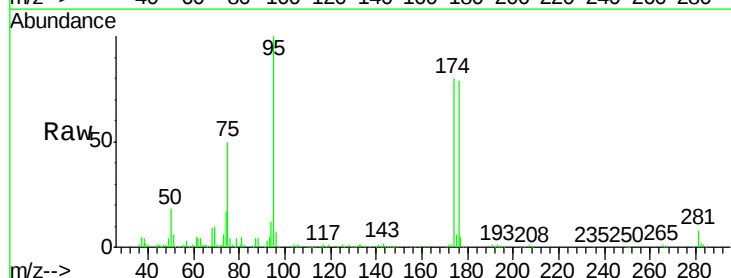
Tgt Ion: 95 Resp: 320320

Ion Ratio Lower Upper

95 100

174 82.5 0.0 159.8

176 79.7 0.0 154.4



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

12.63

250000

200000

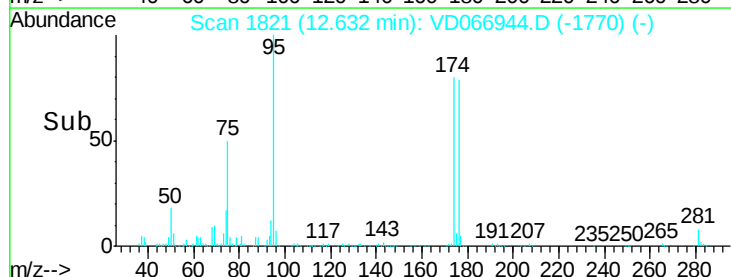
150000

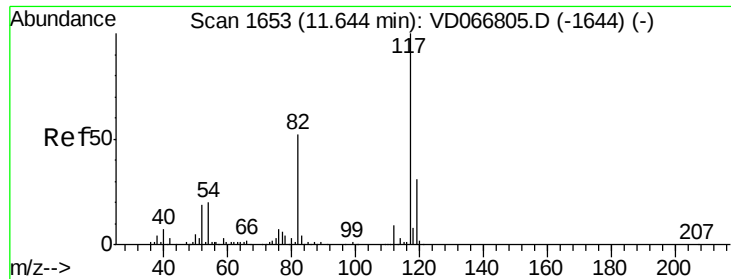
100000

50000

0

Time--> 12.55 12.60 12.65 12.70

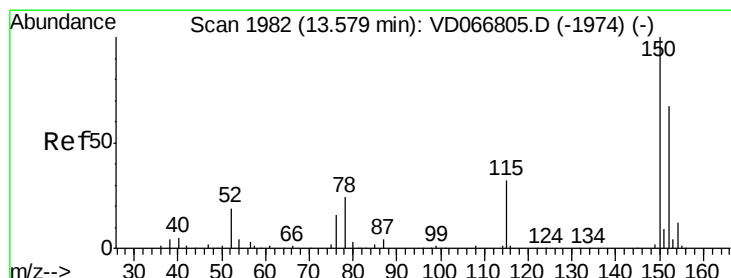
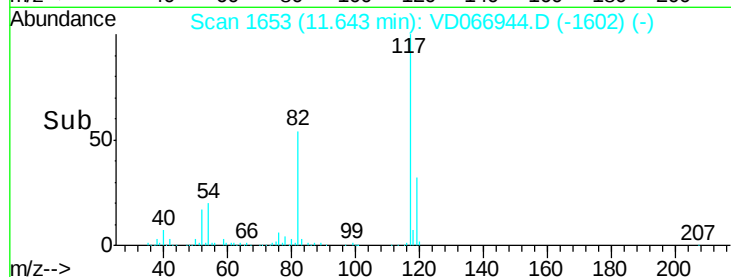
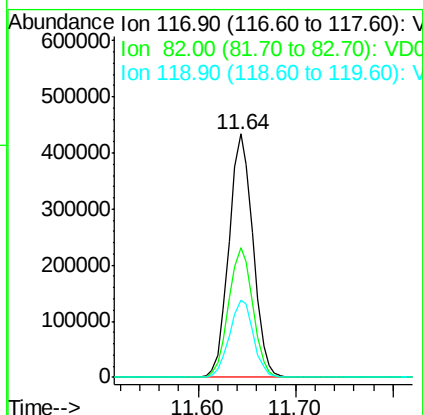
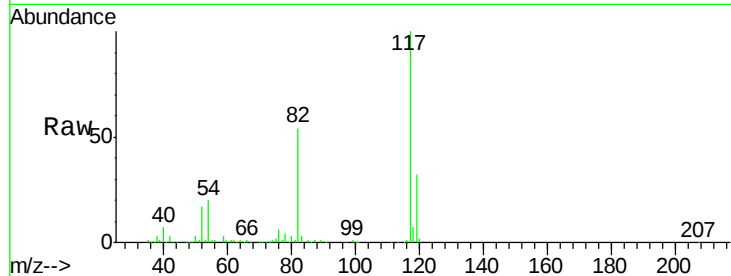




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066944.D
Acq: 29 Sep 2020 17:42

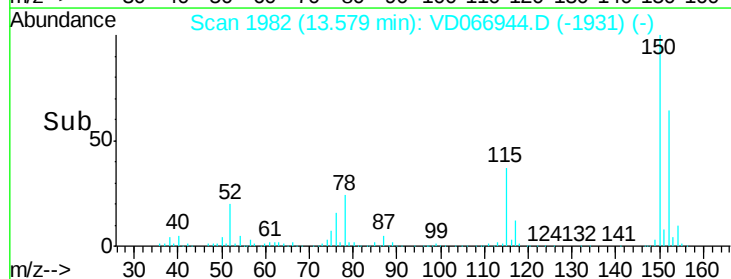
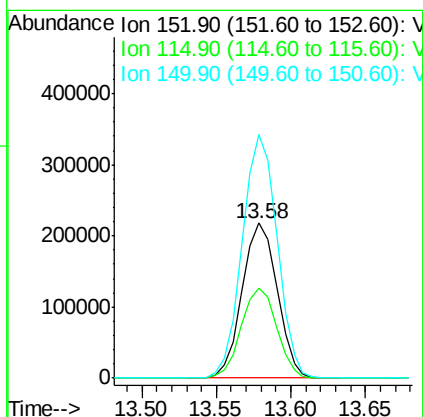
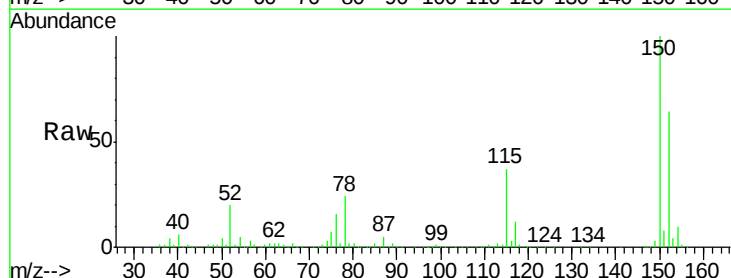
Instrument :
MSVOA_D
ClientSampleId :
B-8(13-14)

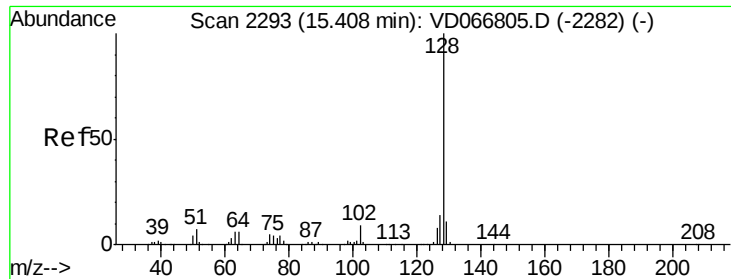
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	41.8	62.6
119	31.9	24.6	37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066944.D
Acq: 29 Sep 2020 17:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	30.3	91.0
150	155.8	0.0	346.2





#95

Naphthalene

Concen: 1.322 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066944.D

Acq: 29 Sep 2020 17:42

Instrument :

MSVOA_D

ClientSampleId :

B-8(13-14)

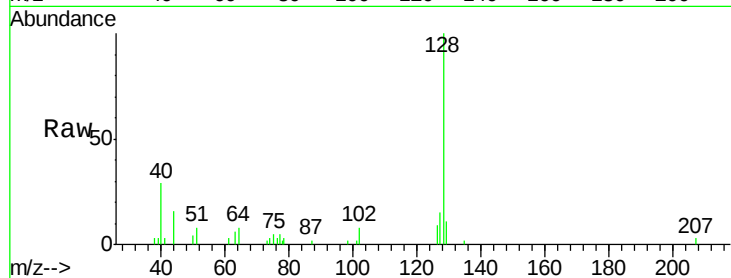
Tot Ion:128 Resp: 14364

Ion Ratio Lower Upper

128 100

127 6.5 10.6 16.0#

129 11.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

