

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061920\
 Data File : VD065828.D
 Acq On : 19 Jun 2020 15:05
 Operator : VA/SY
 Sample : L2817-06
 Misc : 7.83G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-061720

Quant Time: Jun 20 01:51:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	153308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	267841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	230963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	86585	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	88802	58.62	ug/l	0.00
Spiked Amount			Recovery	=	117.24%	
35) Dibromofluoromethane	7.91	113	89052	52.64	ug/l	0.00
Spiked Amount			Recovery	=	105.28%	
50) Toluene-d8	10.34	98	316117	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.64	95	89824	41.98	ug/l	0.00
Spiked Amount			Recovery	=	83.96%	

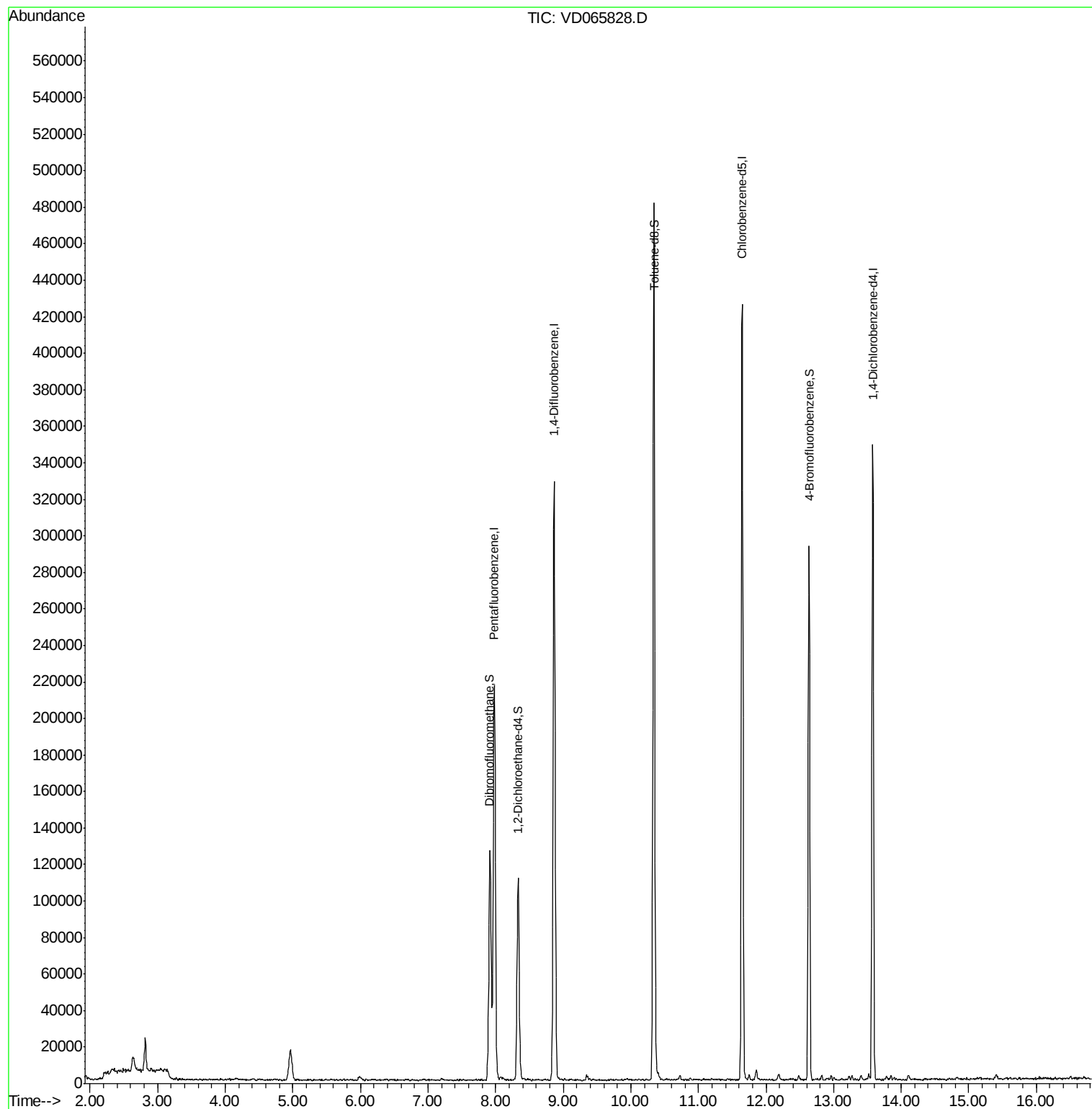
Target Compounds	Qvalue
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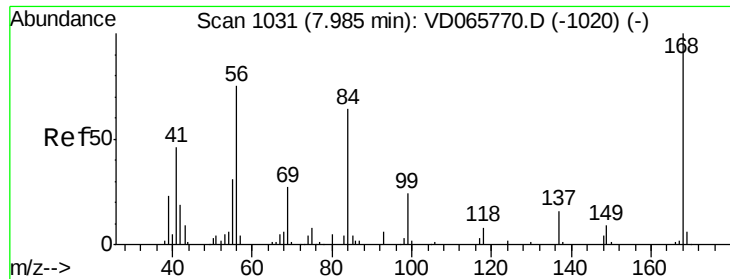
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065828.D

Acq: 19 Jun 2020 15:05

Instrument :

MSVOA_D

ClientSampleId :

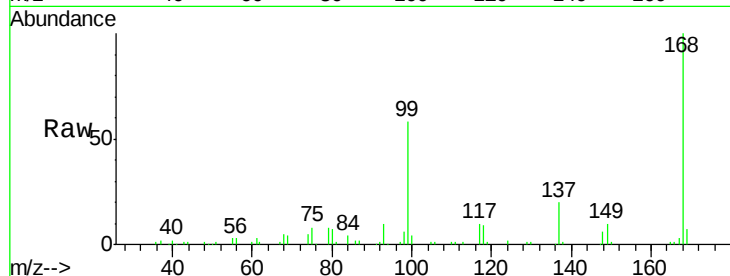
SU-04-061720

Tot Ion:168 Resp: 153308

Ion Ratio Lower Upper

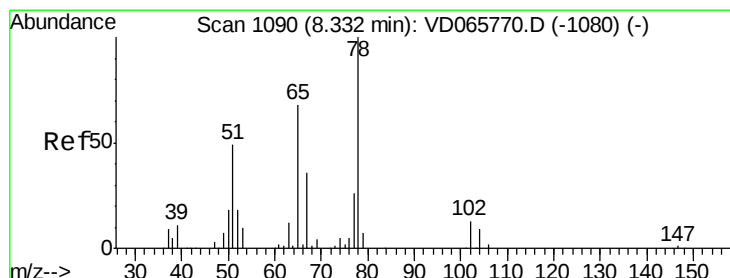
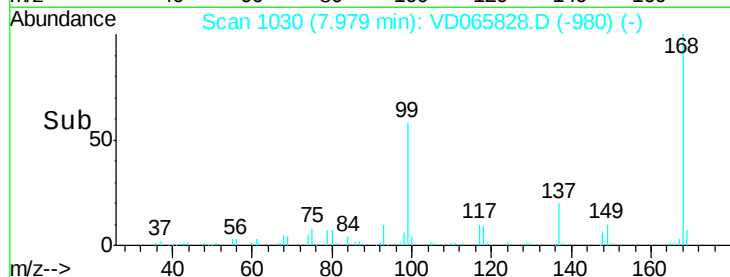
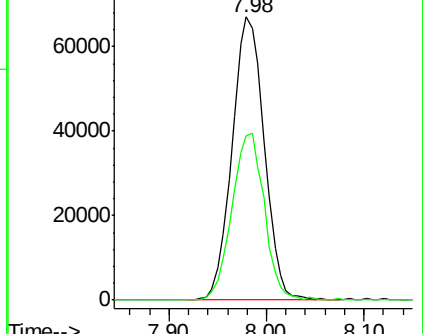
168 100

99 58.1 45.3 67.9



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: 58.620 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD065828.D

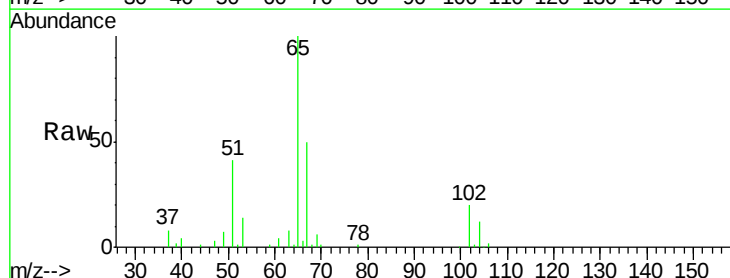
Acq: 19 Jun 2020 15:05

Tgt Ion: 65 Resp: 88802

Ion Ratio Lower Upper

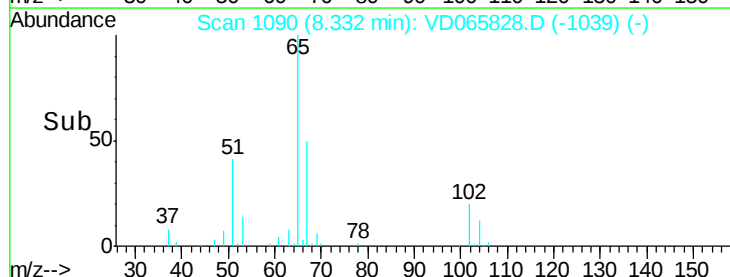
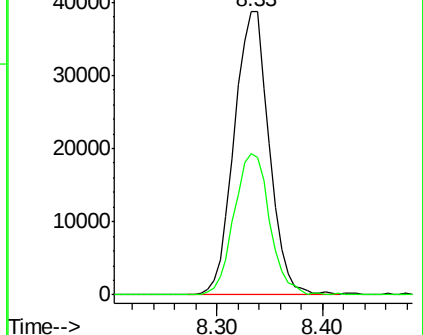
65 100

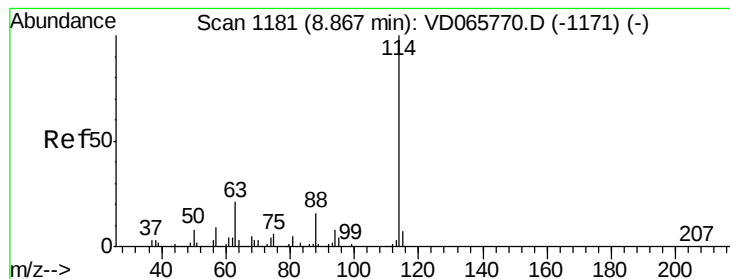
67 50.7 0.0 103.6



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. 0.00 min

Lab File: VD065828.D

Acq: 19 Jun 2020 15:05

Instrument :

MSVOA_D

ClientSampleId :

SU-04-061720

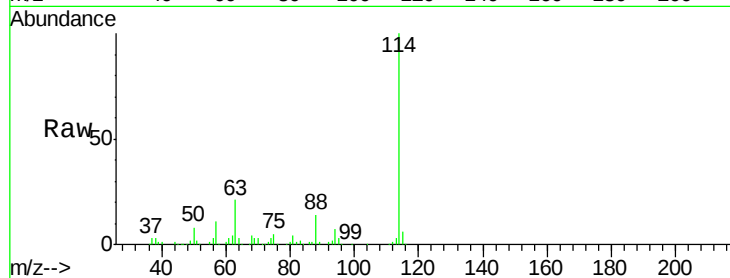
Tot Ion:114 Resp: 267841

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.8

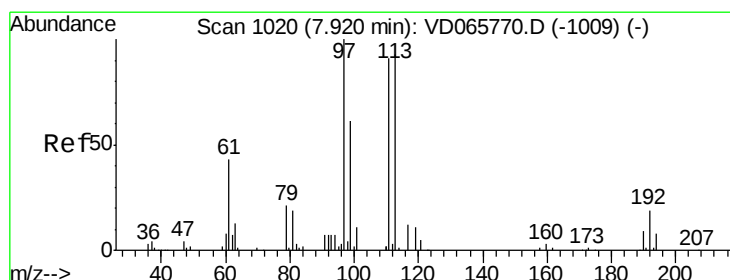
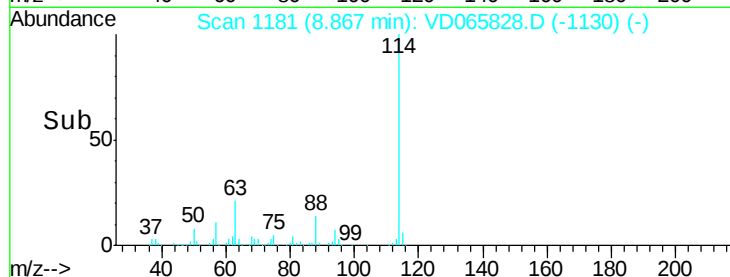
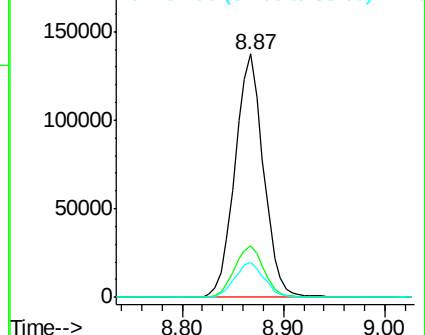
88 14.2 0.0 32.0



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: 52.636 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD065828.D

Acq: 19 Jun 2020 15:05

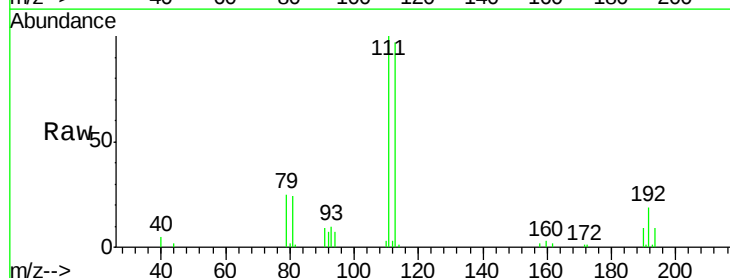
Tgt Ion:113 Resp: 89052

Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.0

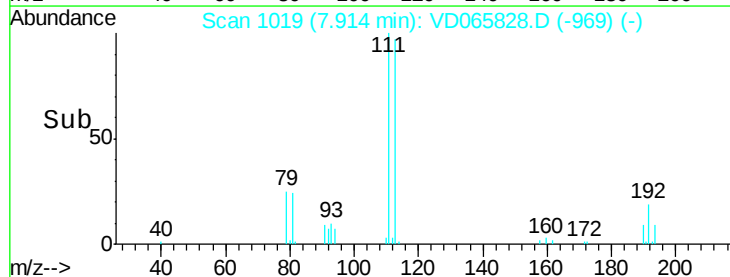
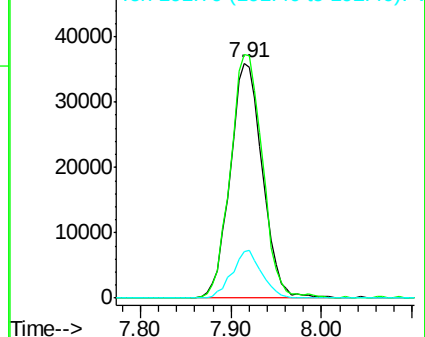
192 18.6 15.7 23.5

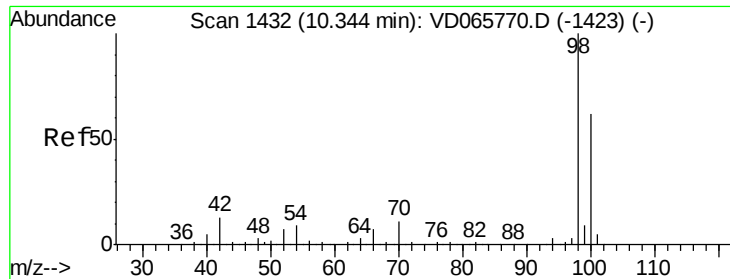


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.108 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065828.D

Acq: 19 Jun 2020 15:05

Instrument :

MSVOA_D

ClientSampleId :

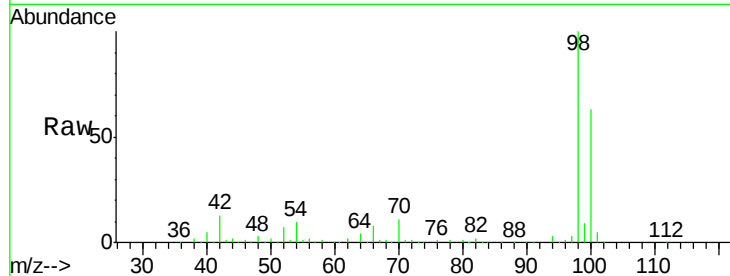
SU-04-061720

Tot Ion: 98 Resp: 316117

Ion Ratio Lower Upper

98 100

100 65.3 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VD065770.D (-1423) (-)

Ion 100.00 (99.70 to 100.70): VD065770.D (-1423) (-)

10.34

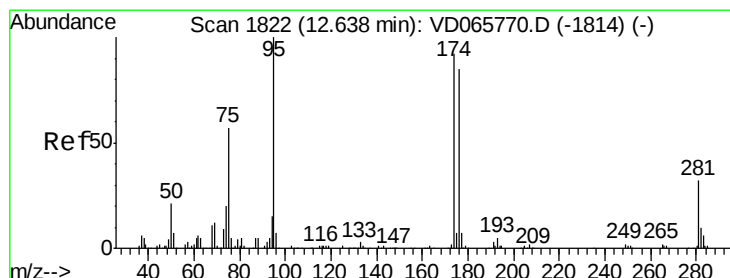
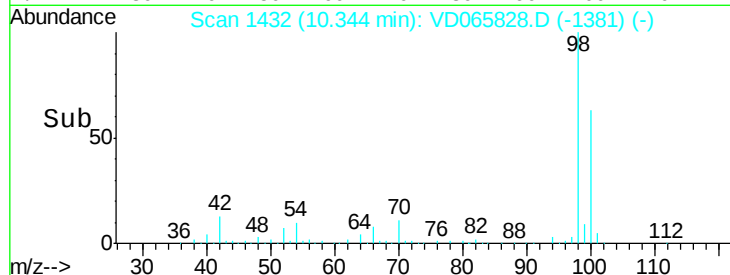
150000

100000

50000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 41.984 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065828.D

Acq: 19 Jun 2020 15:05

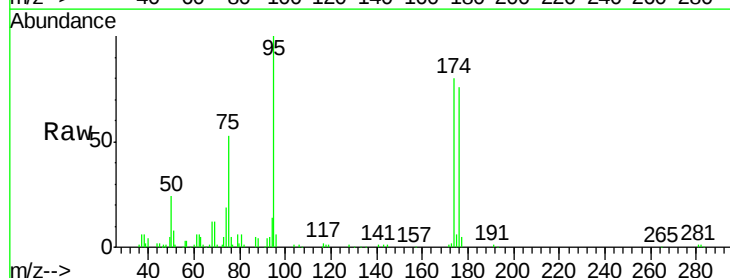
Tgt Ion: 95 Resp: 89824

Ion Ratio Lower Upper

95 100

174 78.9 0.0 175.2

176 75.8 0.0 163.0



Abundance Ion 94.90 (94.60 to 95.60): VD065770.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD065770.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD065770.D (-1814) (-)

12.64

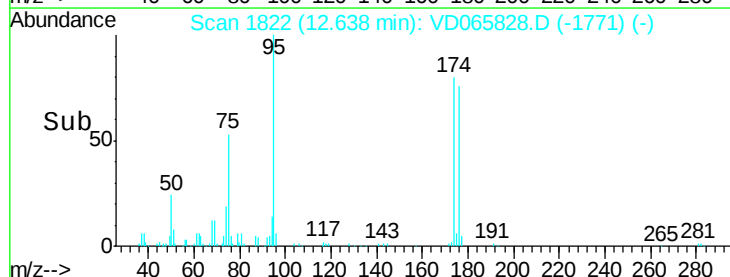
60000

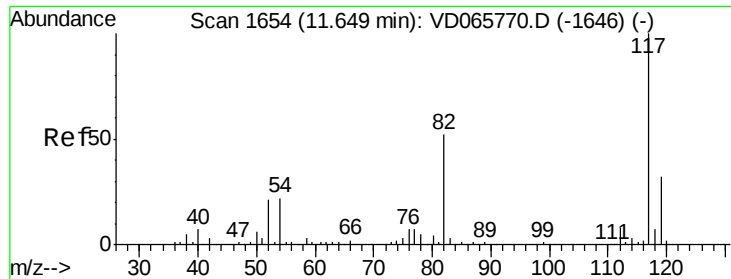
40000

20000

0

Time--> 12.55 12.60 12.65 12.70

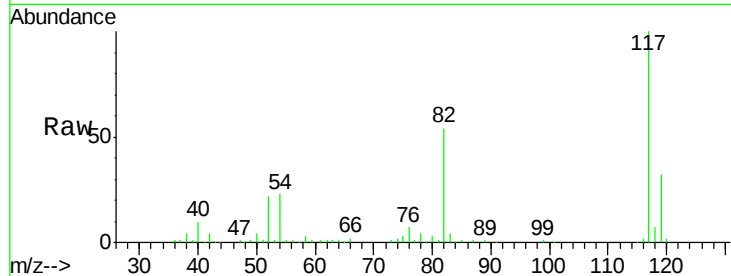




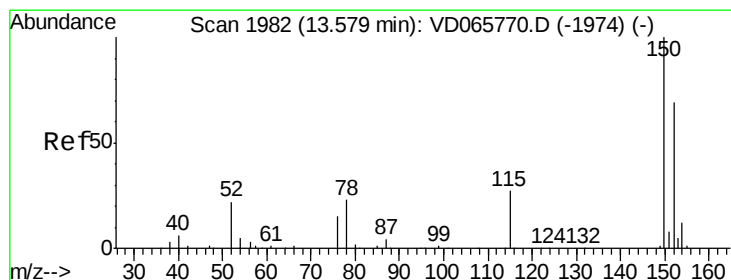
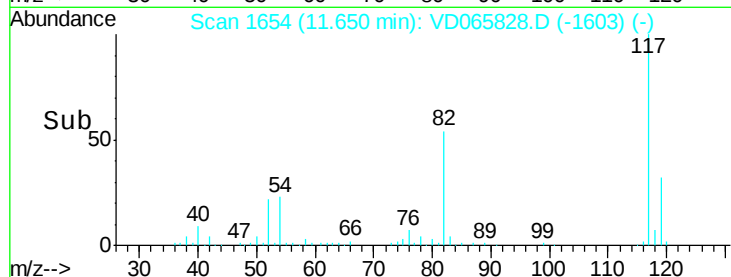
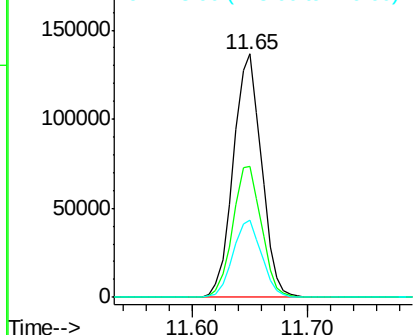
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065828.D
Acq: 19 Jun 2020 15:05

Instrument :
MSVOA_D
ClientSampleId :
SU-04-061720

Tot Ion:117 Resp: 230963
Ion Ratio Lower Upper
117 100
82 53.6 41.9 62.9
119 31.7 25.3 37.9

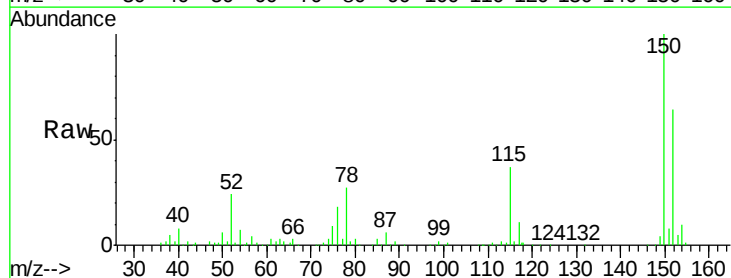


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065828.D
Acq: 19 Jun 2020 15:05

Tgt Ion:152 Resp: 86585
Ion Ratio Lower Upper
152 100
115 60.1 28.7 86.1
150 156.8 0.0 348.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

