

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102820\
 Data File : VD067432.D
 Acq On : 28 Oct 2020 14:26
 Operator : VA/SY
 Sample : L4224-11
 Misc : 6.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-102720

Quant Time: Oct 29 01:07:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

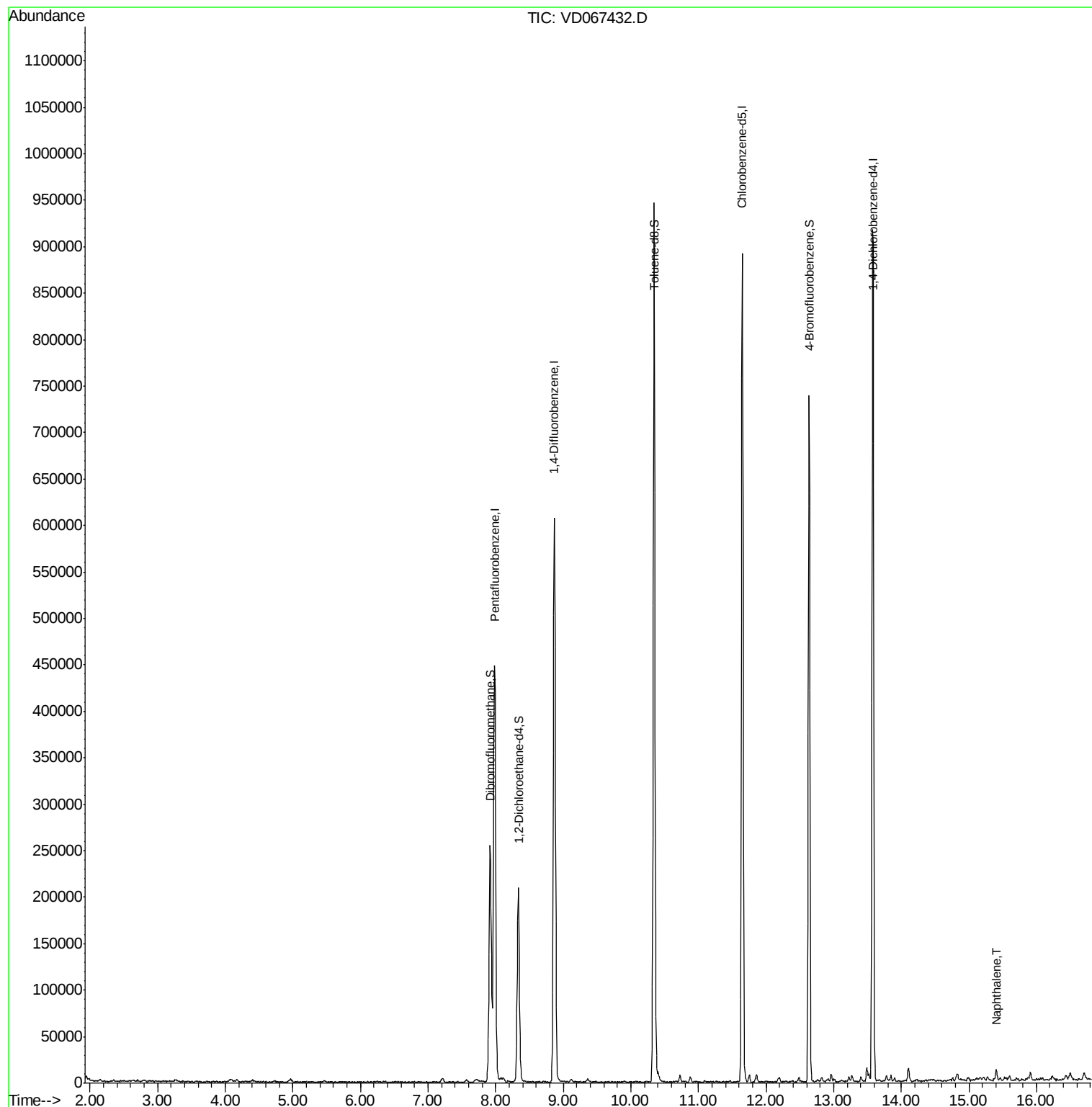
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	345358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	553951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	534924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	257447	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	177079	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
35) Dibromofluoromethane	7.93	113	179627	48.72	ug/l	0.01
Spiked Amount 50.000			Recovery	=	97.44%	
50) Toluene-d8	10.34	98	648598	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	12.64	95	229337	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
Target Compounds						
95) Naphthalene	15.41	128	10011	1.320	ug/l	Qvalue 97

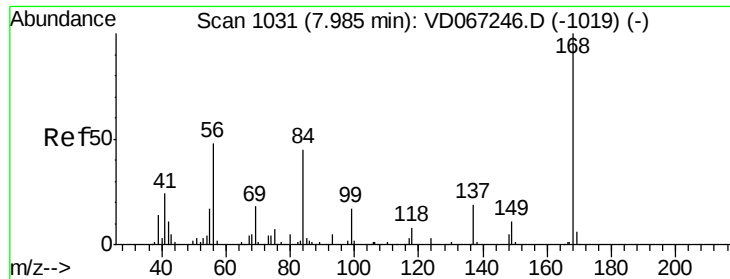
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

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Instrument :

MSVOA_D

ClientSampleId :

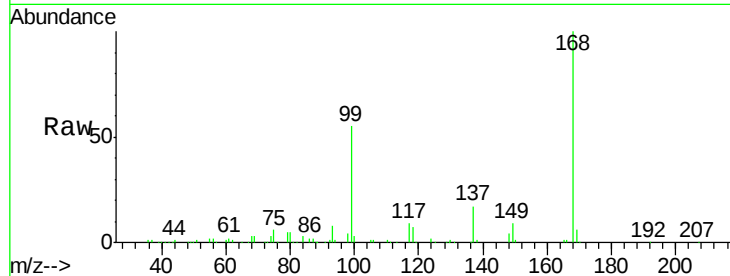
OR-02-102720

Tot Ion:168 Resp: 345358

Ion Ratio Lower Upper

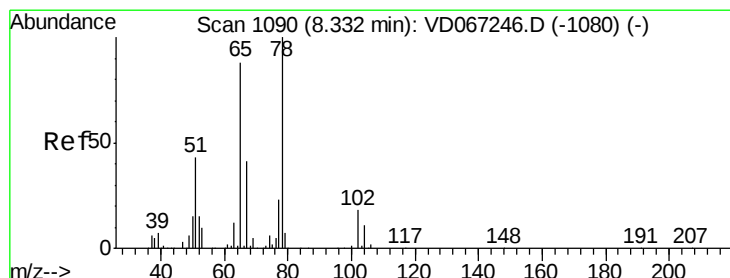
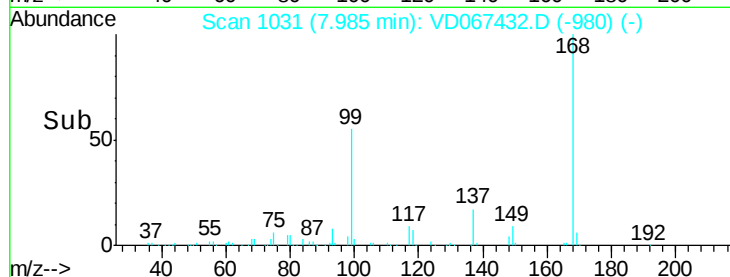
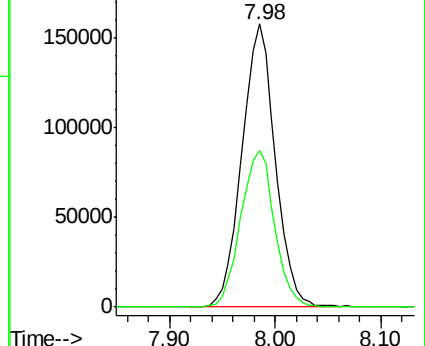
168 100

99 54.9 45.9 68.9



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: 51.179 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067432.D

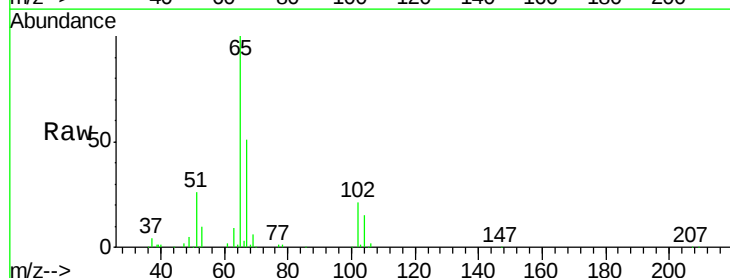
Acq: 28 Oct 2020 14:26

Tgt Ion: 65 Resp: 177079

Ion Ratio Lower Upper

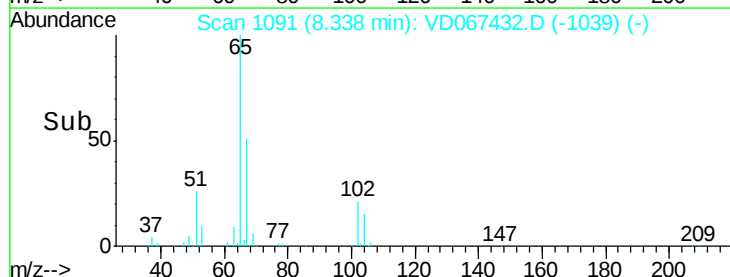
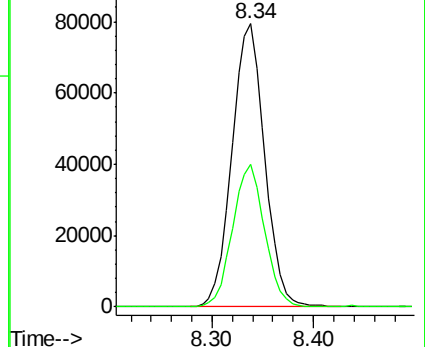
65 100

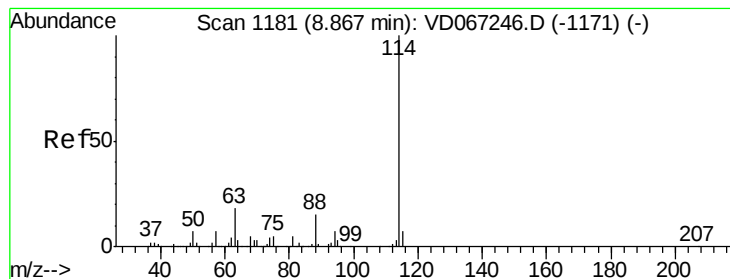
67 49.6 0.0 103.8



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. 0.00 min

Lab File: VD067432.D

Acq: 28 Oct 2020 14:26

Instrument :

MSVOA_D

ClientSampleId :

OR-02-102720

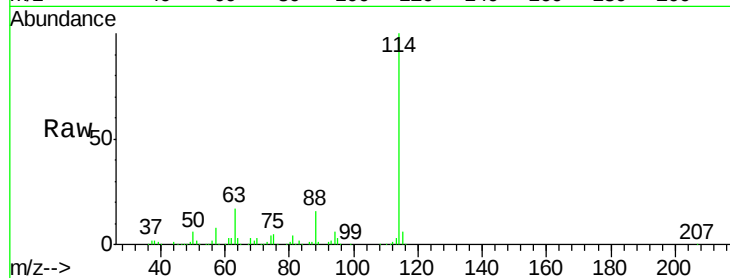
Tot Ion:114 Resp: 553951

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

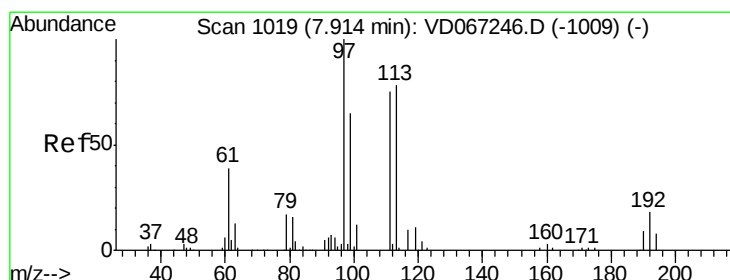
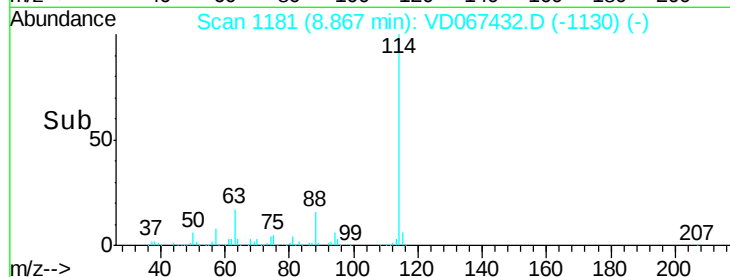
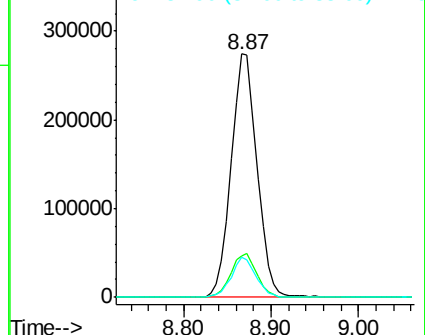
88 16.3 0.0 30.6



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: 48.725 ug/l

RT: 7.93 min Scan# 1021

Delta R.T. 0.01 min

Lab File: VD067432.D

Acq: 28 Oct 2020 14:26

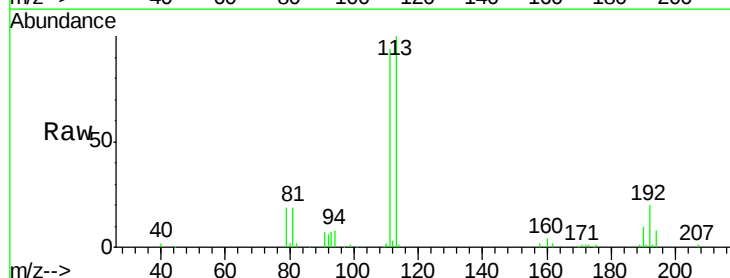
Tgt Ion:113 Resp: 179627

Ion Ratio Lower Upper

113 100

111 100.1 81.6 122.4

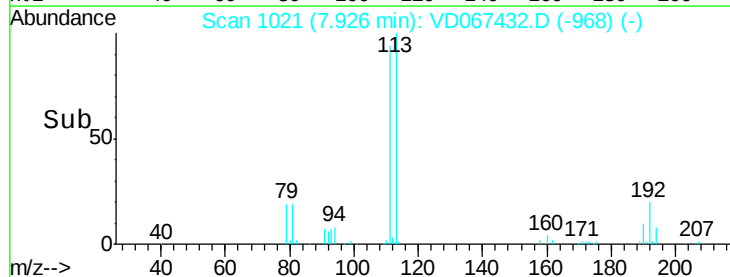
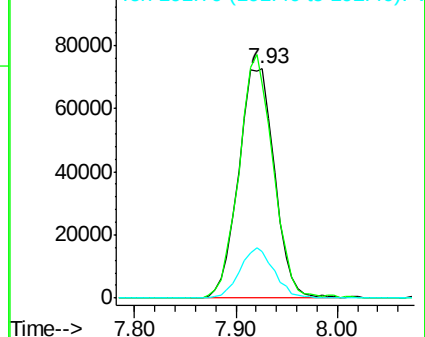
192 20.6 17.0 25.4

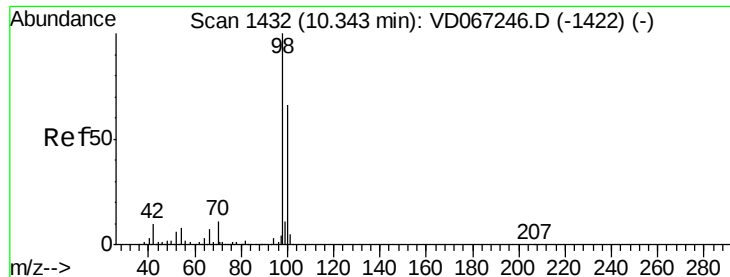


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.616 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067432.D

Acq: 28 Oct 2020 14:26

Instrument :

MSVOA_D

ClientSampleId :

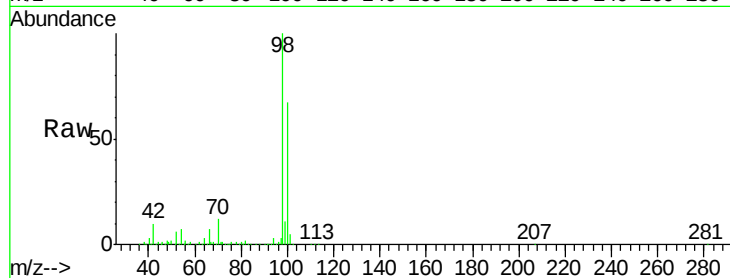
OR-02-102720

Tot Ion: 98 Resp: 648598

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VD067246.D (-1422) (-)

Ion 100.00 (99.70 to 100.70): VD067246.D (-1422) (-)

10.34

400000

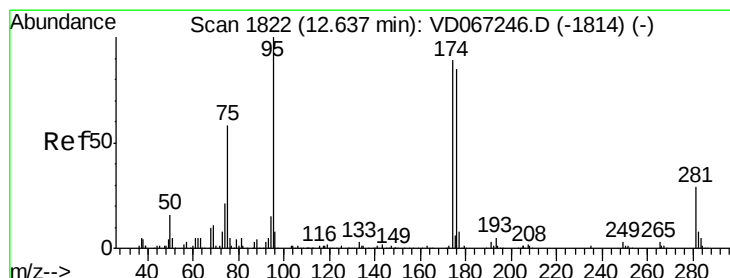
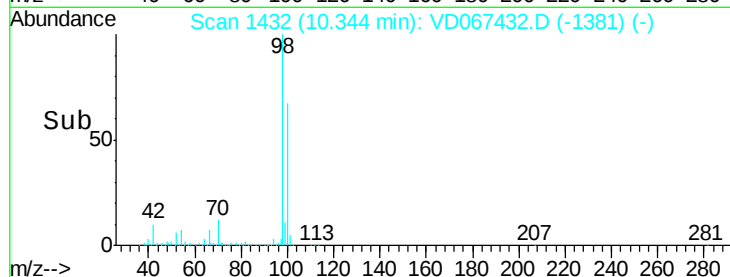
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.436 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067432.D

Acq: 28 Oct 2020 14:26

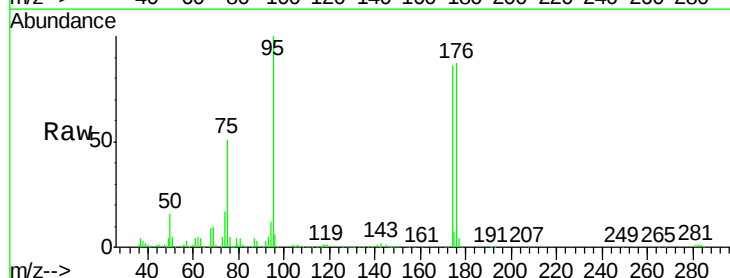
Tgt Ion: 95 Resp: 229337

Ion Ratio Lower Upper

95 100

174 89.8 0.0 175.2

176 86.0 0.0 168.6



Abundance Ion 94.90 (94.60 to 95.60): VD067246.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD067246.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD067246.D (-1814) (-)

12.64

200000

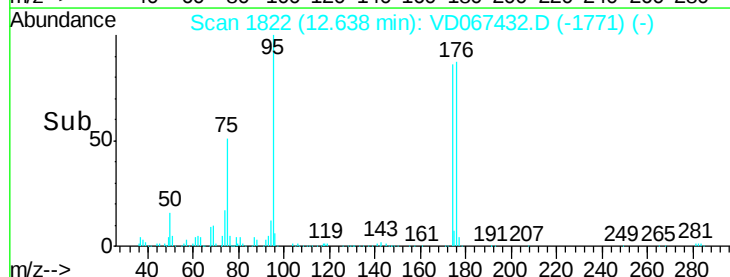
150000

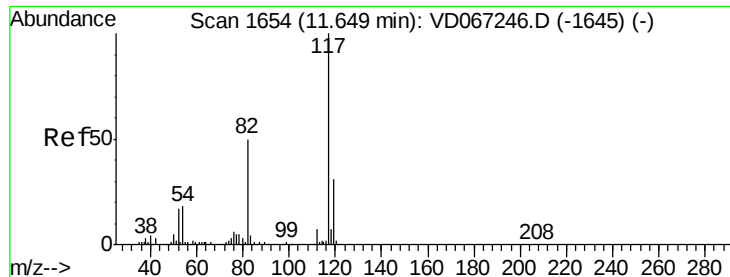
100000

50000

0

Time-->

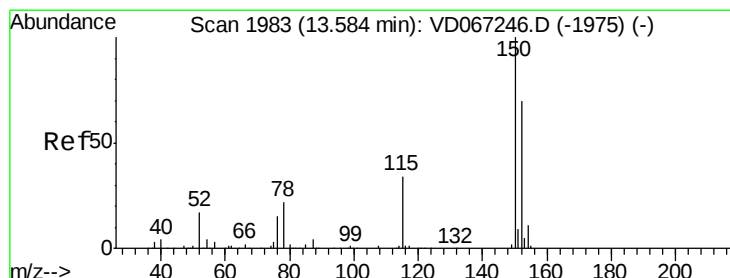
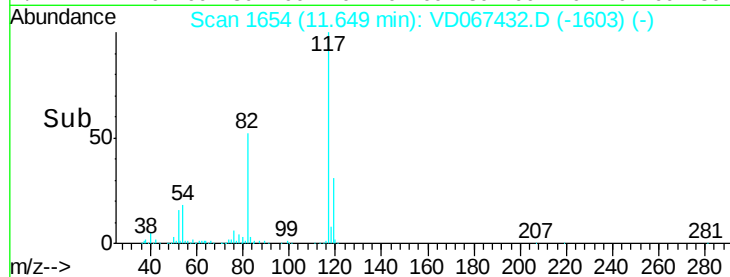
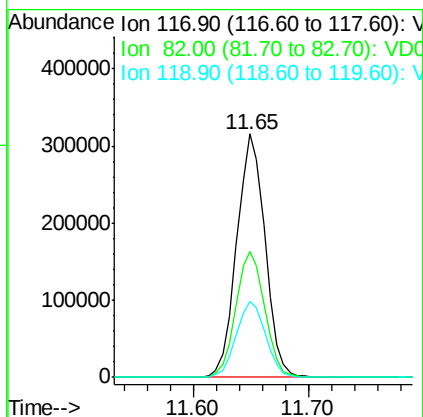
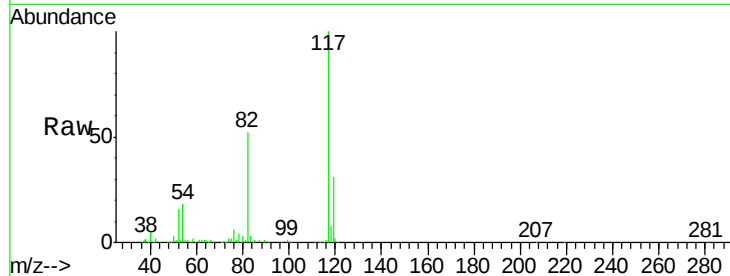




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067432.D
Acq: 28 Oct 2020 14:26

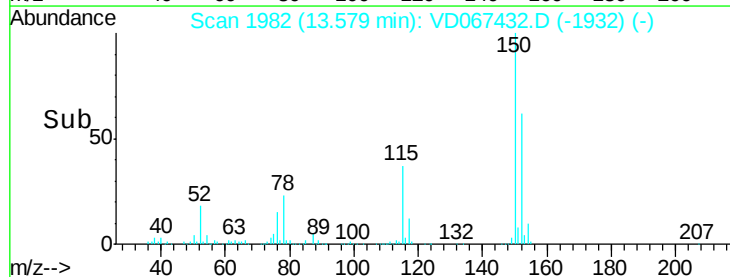
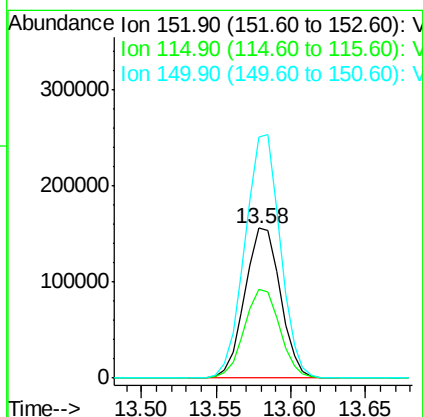
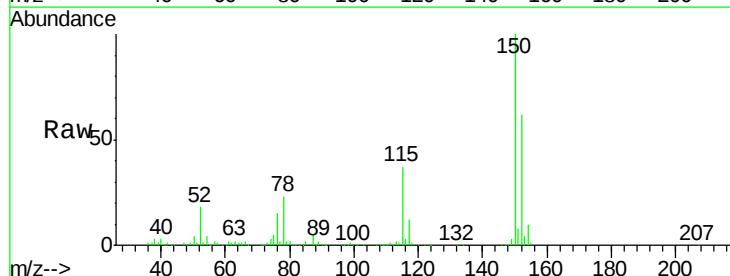
Instrument :
MSVOA_D
ClientSampleId :
OR-02-102720

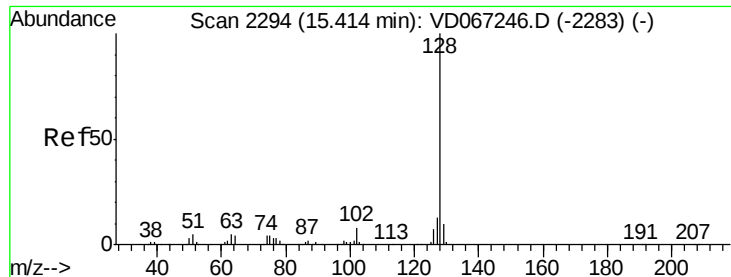
Tot Ion:117 Resp: 534924
Ion Ratio Lower Upper
117 100
82 51.6 39.9 59.9
119 31.1 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067432.D
Acq: 28 Oct 2020 14:26

Tgt Ion:152 Resp: 257447
Ion Ratio Lower Upper
152 100
115 59.4 29.3 87.9
150 160.7 0.0 339.0





#95

Naphthalene

Concen: 1.320 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VD067432.D

Acq: 28 Oct 2020 14:26

Instrument :

MSVOA_D

ClientSampleId :

OR-02-102720

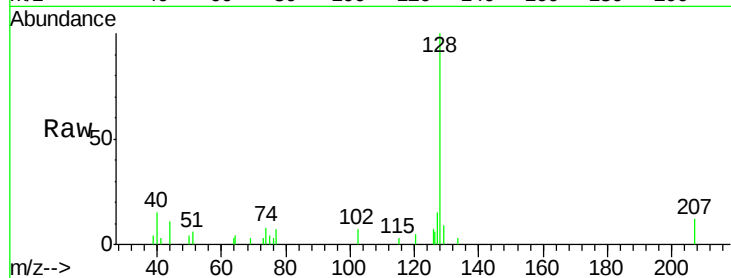
Tot Ion:128 Resp: 10011

Ion Ratio Lower Upper

128 100

127 15.0 10.4 15.6

129 10.7 8.6 12.8



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

