

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD113020\
 Data File : VD067823.D
 Acq On : 30 Nov 2020 19:16
 Operator : VA/SY
 Sample : L4900-07
 Misc : 6.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B2-112520-12-12.75

Quant Time: Dec 01 01:03:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	180908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	281137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	258480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	119563	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	107562	61.15	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.30%
35) Dibromofluoromethane	7.91	113	91850	51.34	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.68%
50) Toluene-d8	10.34	98	304988	46.63	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.26%
62) 4-Bromofluorobenzene	12.64	95	105771	47.31	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.62%

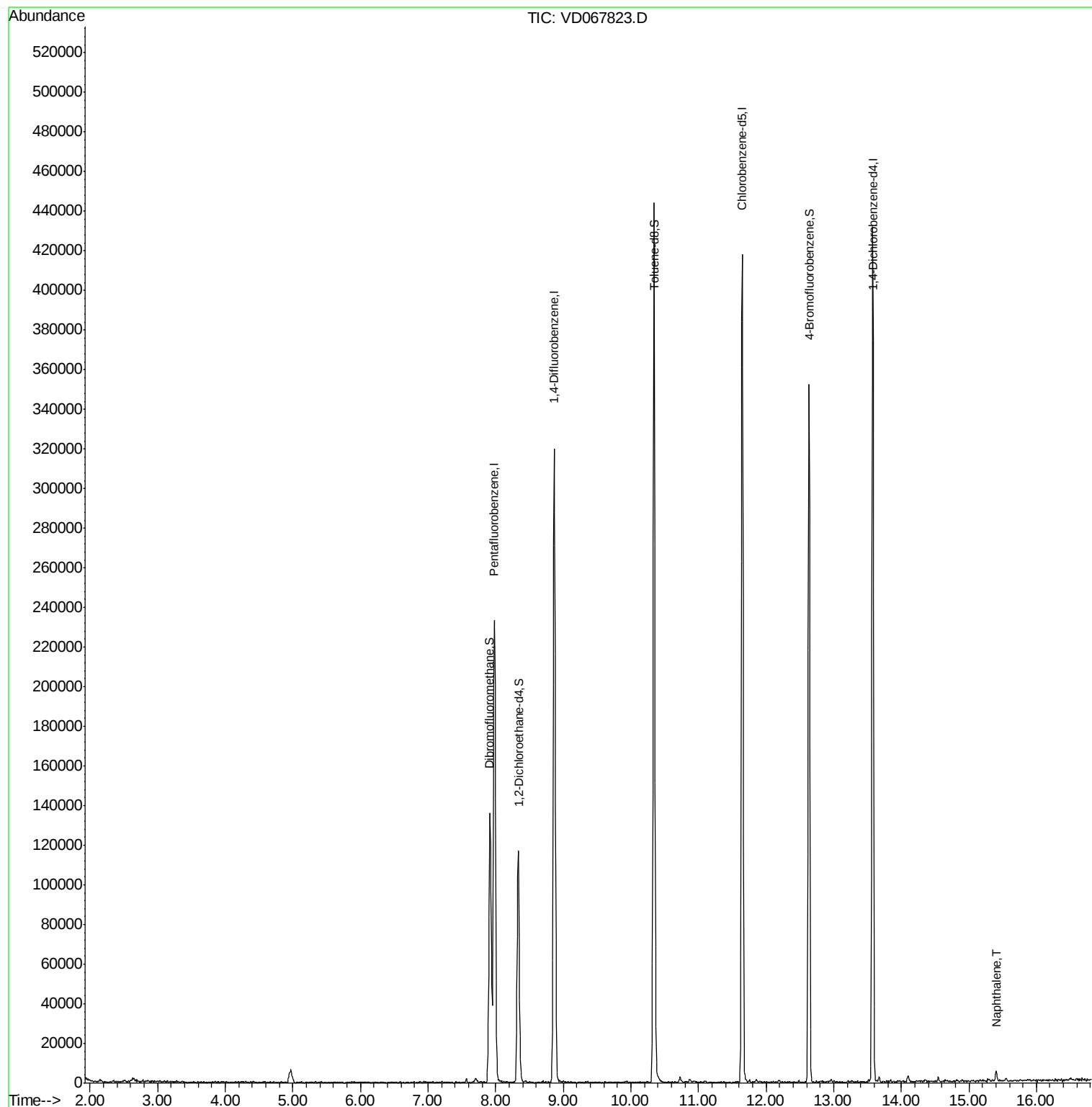
Target Compounds					Qvalue
95) Naphthalene	15.40	128	5509	1.464 ug/l #	92

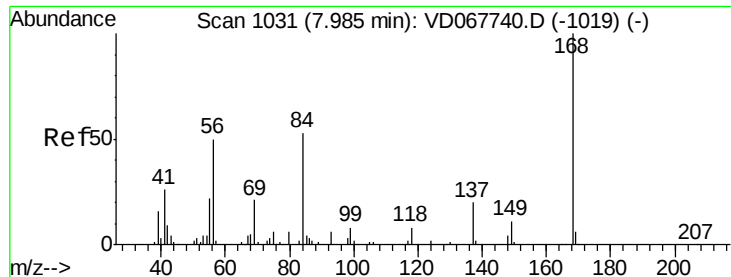
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067823.D

Acq: 30 Nov 2020 19:16

Instrument :

MSVOA_D

ClientSampleId :

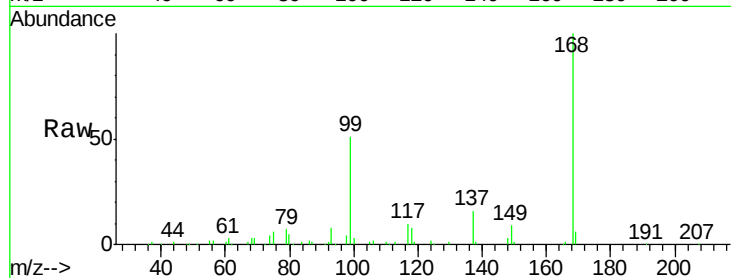
PAV-B2-112520-12-12.75

Tot Ion:168 Resp: 180908

Ion Ratio Lower Upper

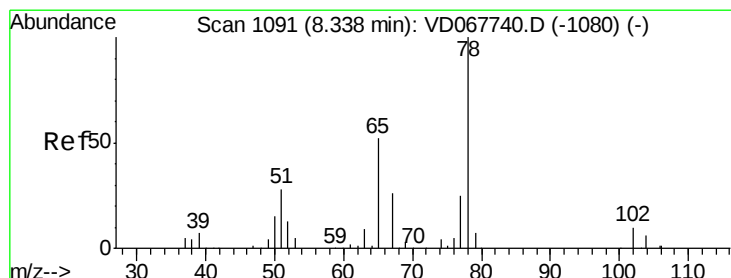
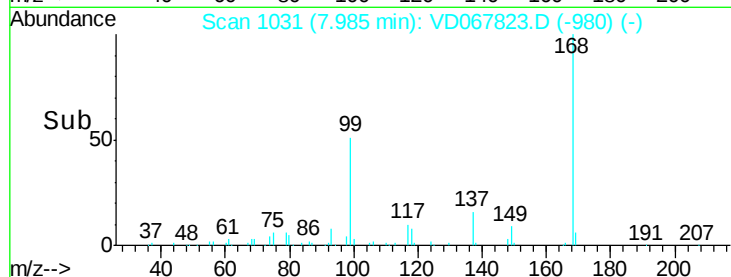
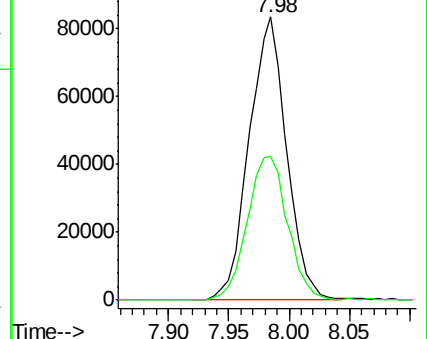
168 100

99 50.8 43.8 65.8



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: 61.150 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067823.D

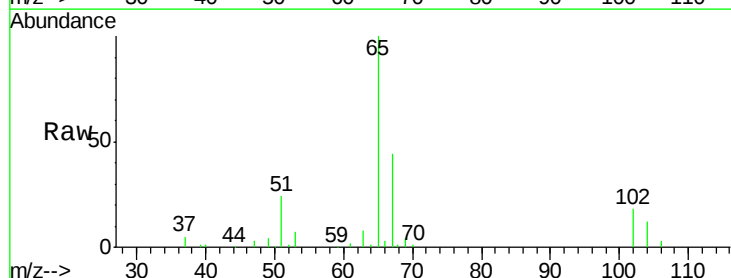
Acq: 30 Nov 2020 19:16

Tgt Ion: 65 Resp: 107562

Ion Ratio Lower Upper

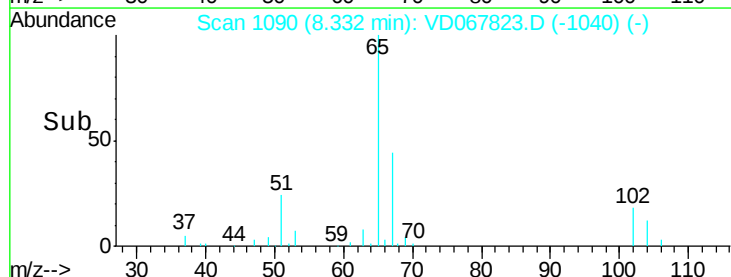
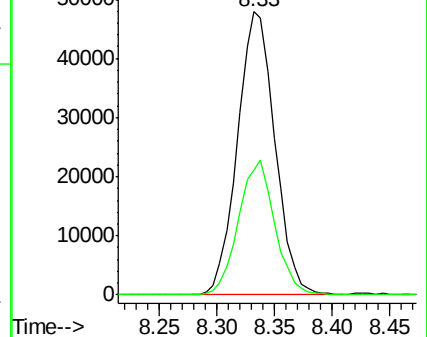
65 100

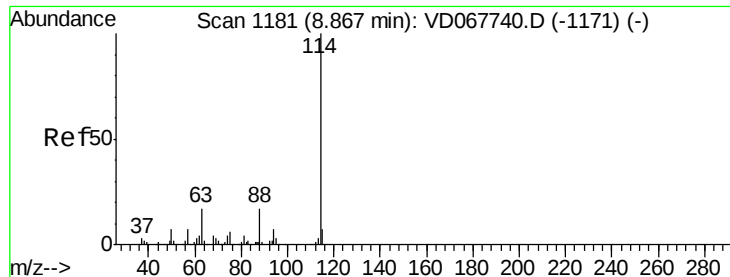
67 46.0 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

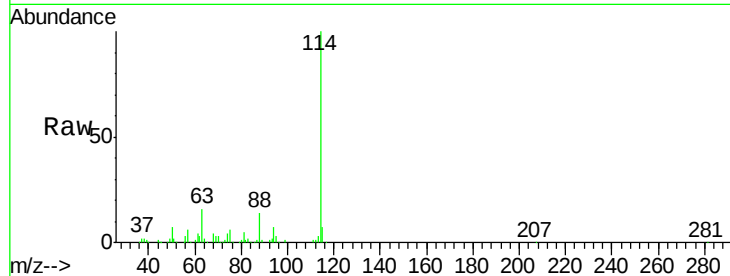




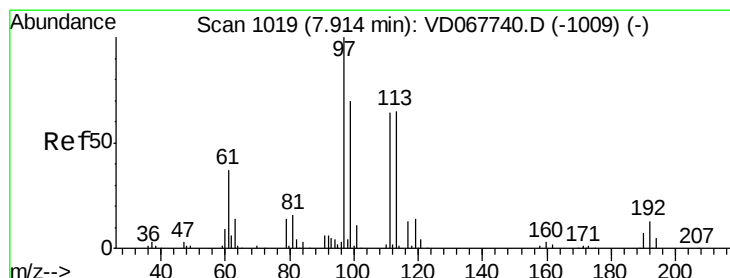
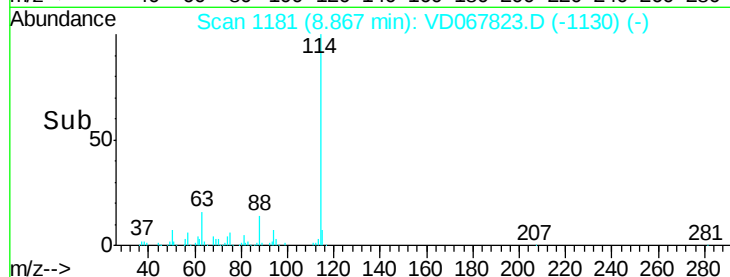
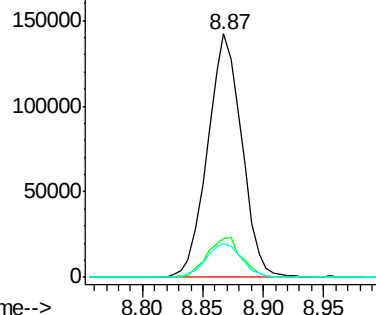
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067823.D
 Acq: 30 Nov 2020 19:16

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B2-112520-12-12.75

Tot Ion:114 Resp: 281137
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 34.8
 88 13.9 0.0 34.4

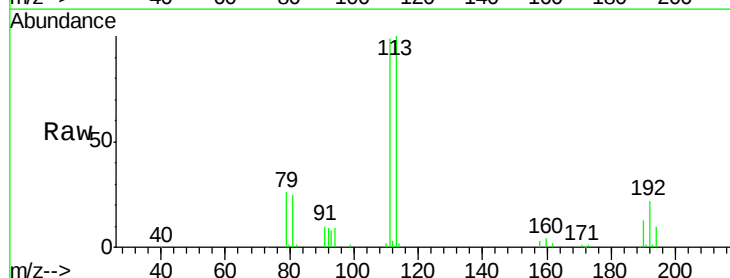


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

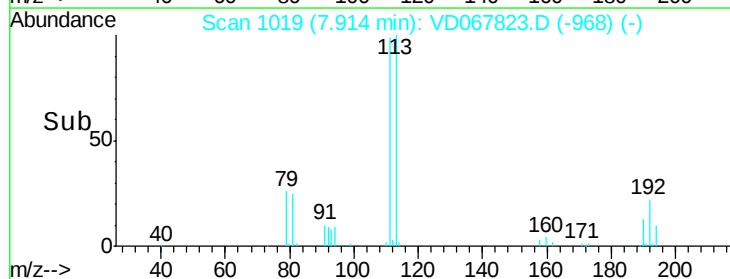
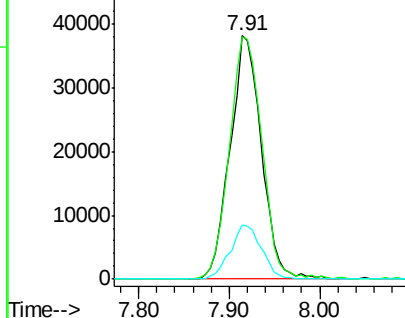


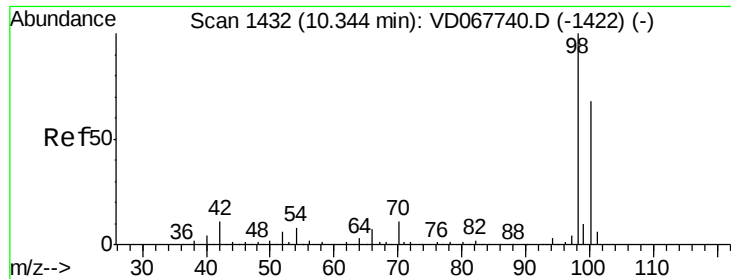
#35
 Dibromofluoromethane
 Concen: 51.337 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067823.D
 Acq: 30 Nov 2020 19:16

Tgt Ion:113 Resp: 91850
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.0
 192 22.0 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: 46.625 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067823.D

Acq: 30 Nov 2020 19:16

Instrument :

MSVOA_D

ClientSampleId :

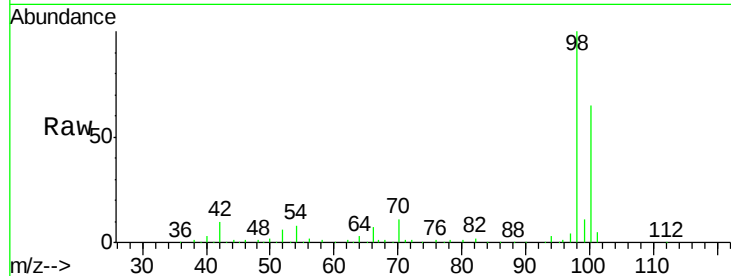
PAV-B2-112520-12-12.75

Tot Ion: 98 Resp: 304988

Ion Ratio Lower Upper

98 100

100 68.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

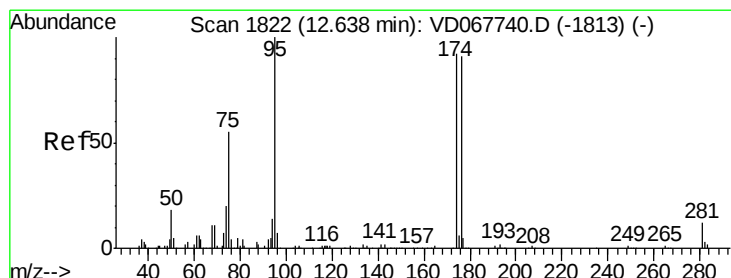
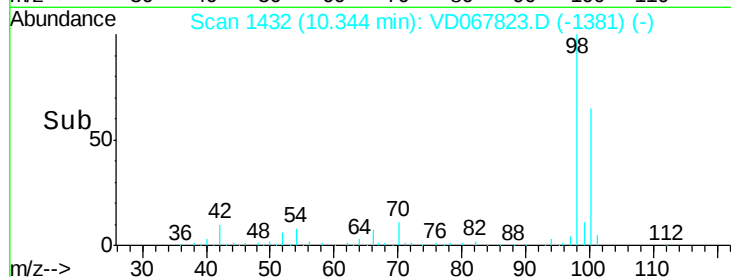
150000

100000

50000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 47.307 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067823.D

Acq: 30 Nov 2020 19:16

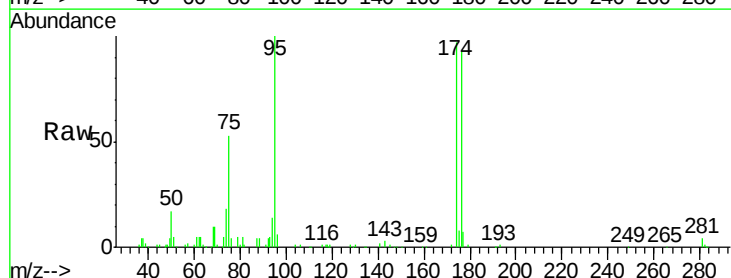
Tgt Ion: 95 Resp: 105771

Ion Ratio Lower Upper

95 100

174 97.8 0.0 182.4

176 92.6 0.0 178.2



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

12.64

80000

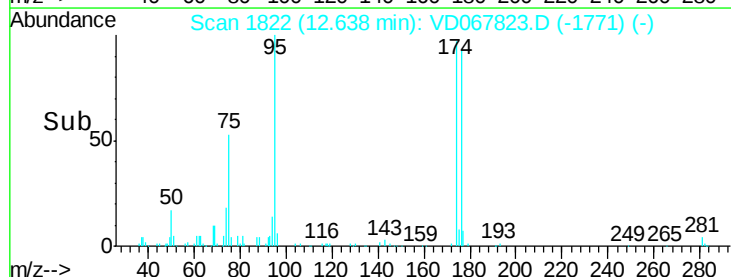
60000

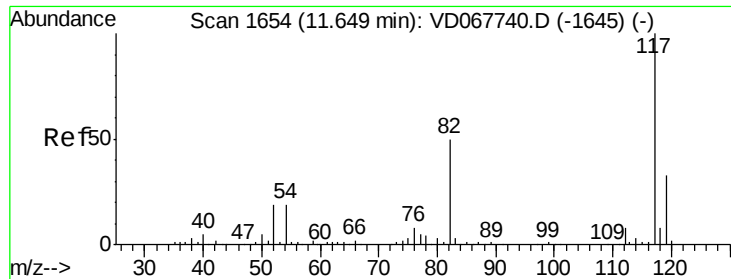
40000

20000

0

Time--> 12.55 12.60 12.65 12.70

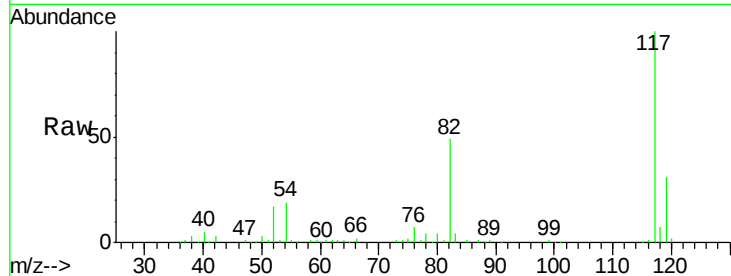




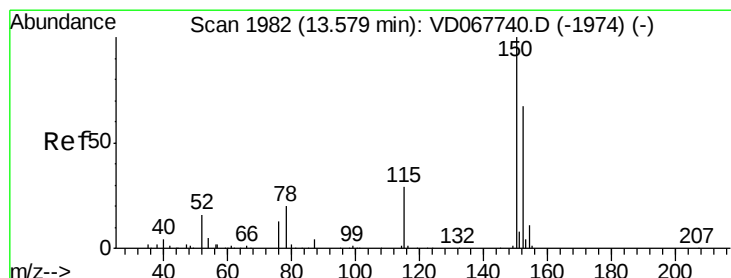
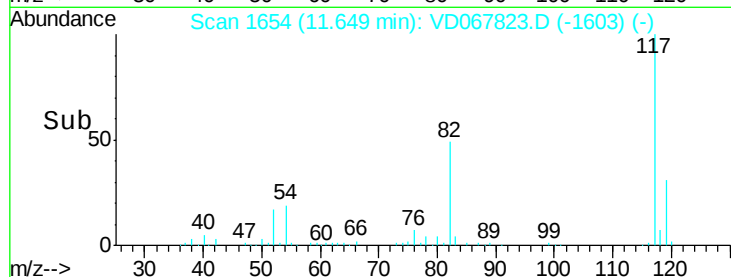
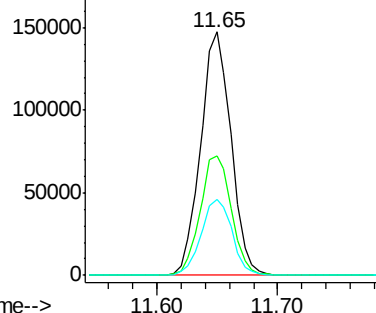
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067823.D
Acq: 30 Nov 2020 19:16

Instrument :
MSVOA_D
ClientSampleId :
PAV-B2-112520-12-12.75

Tot Ion:117 Resp: 258480
Ion Ratio Lower Upper
117 100
82 49.3 40.2 60.4
119 31.3 26.5 39.7

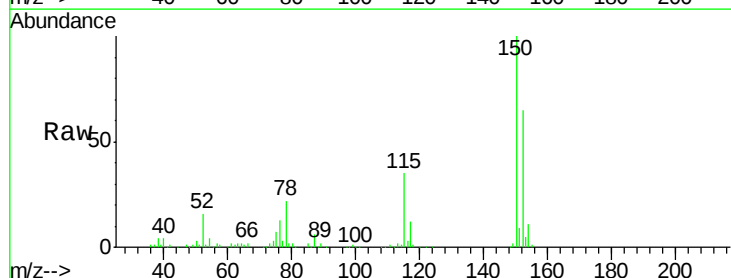


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

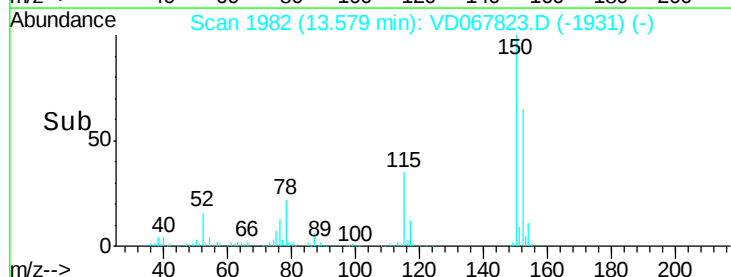
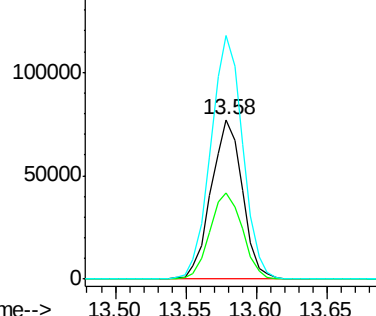


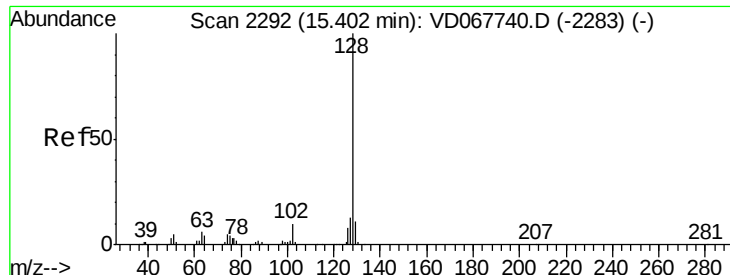
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067823.D
Acq: 30 Nov 2020 19:16

Tgt Ion:152 Resp: 119563
Ion Ratio Lower Upper
152 100
115 56.1 29.4 88.3
150 155.6 0.0 340.6



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





#95

Naphthalene

Concen: 1.464 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VD067823.D

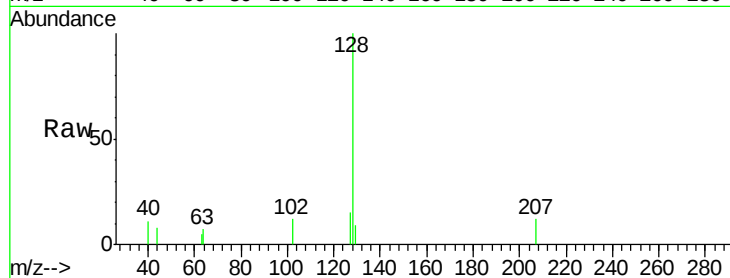
Acq: 30 Nov 2020 19:16

Instrument :

MSVOA_D

ClientSampleId :

PAV-B2-112520-12-12.75



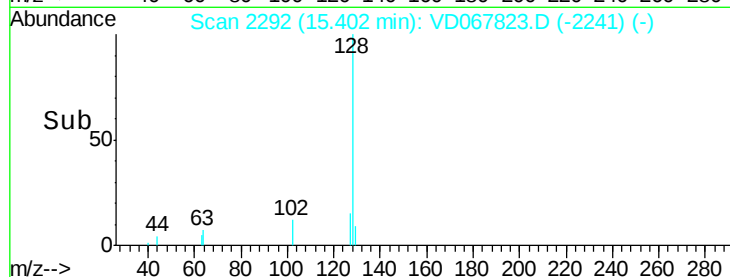
Tot Ion:128 Resp: 5509

Ion Ratio Lower Upper

128 100

127 9.8 10.7 16.1#

129 8.3 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

