

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070120\
 Data File : VD065908.D
 Acq On : 01 Jul 2020 16:15
 Operator : VA/SY
 Sample : L3172-05
 Misc : 5.063G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-SS

Quant Time: Jul 02 08:12:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

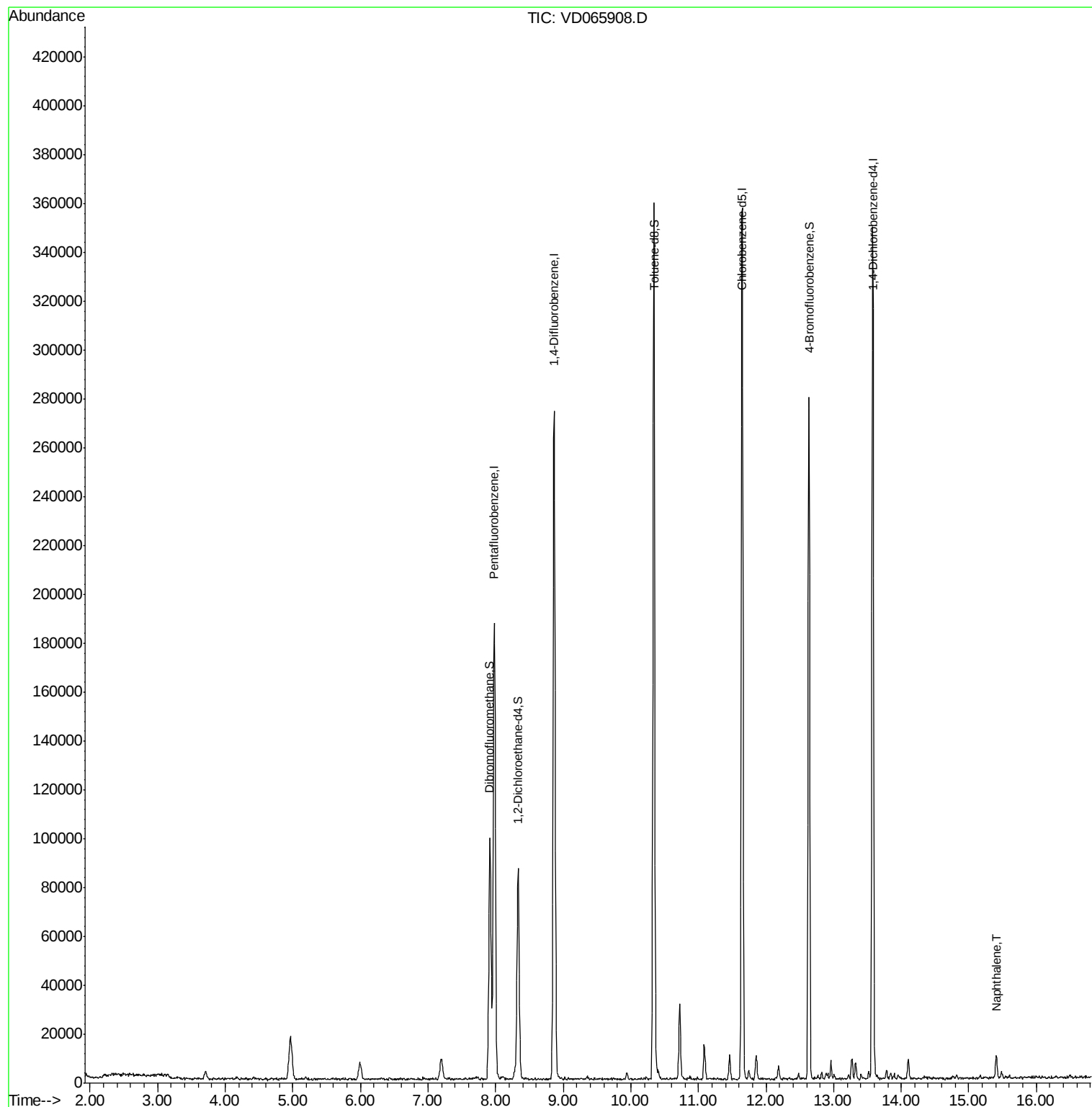
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	133002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	231417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	201743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	89500	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	69582	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
35) Dibromofluoromethane	7.92	113	69450	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	10.34	98	240469	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
62) 4-Bromofluorobenzene	12.64	95	78942	44.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.56%	
Target Compounds						
95) Naphthalene	15.41	128	9149	3.277	ug/l	Qvalue 98

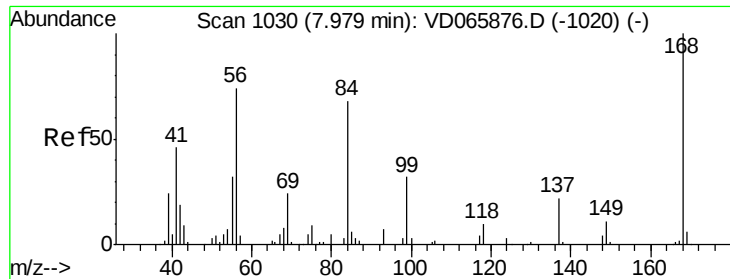
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065908.D

Acq: 01 Jul 2020 16:15

Instrument :

MSVOA_D

ClientSampleId :

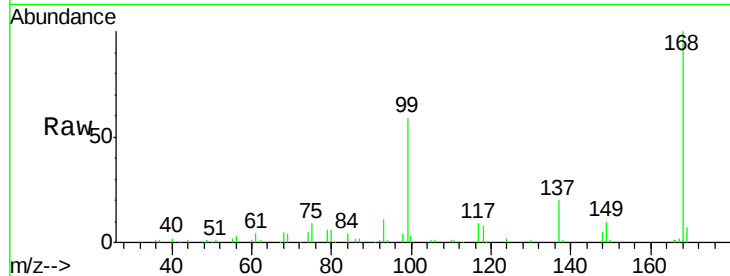
TP3-SS

Tot Ion:168 Resp: 133002

Ion Ratio Lower Upper

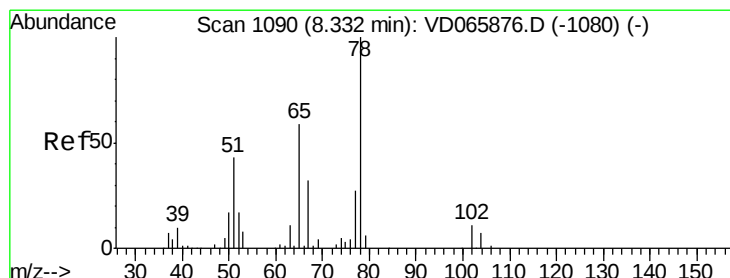
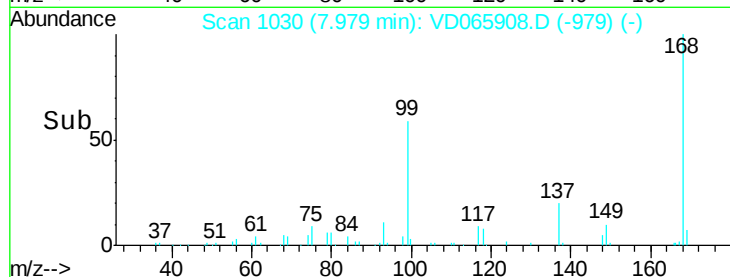
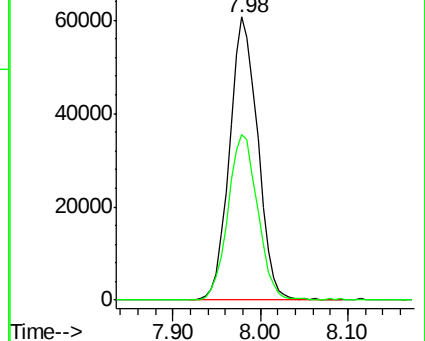
168 100

99 58.6 51.3 76.9



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: 50.357 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD065908.D

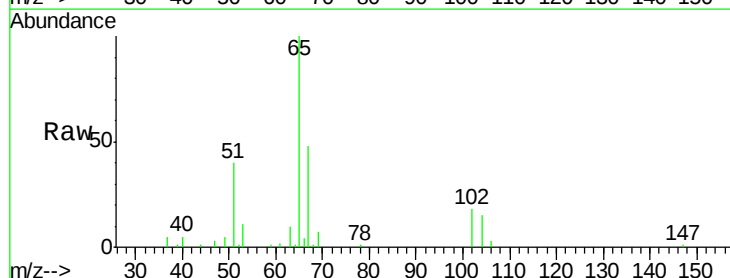
Acq: 01 Jul 2020 16:15

Tgt Ion: 65 Resp: 69582

Ion Ratio Lower Upper

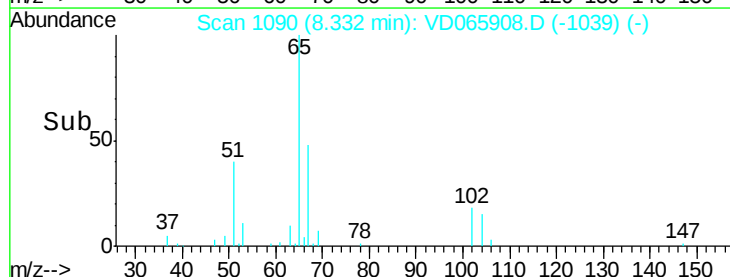
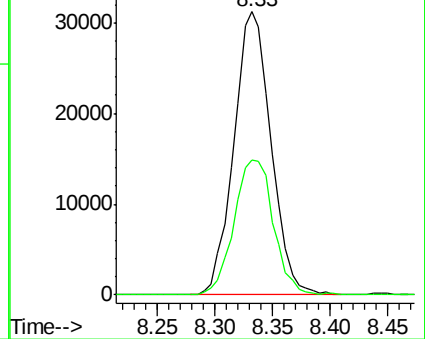
65 100

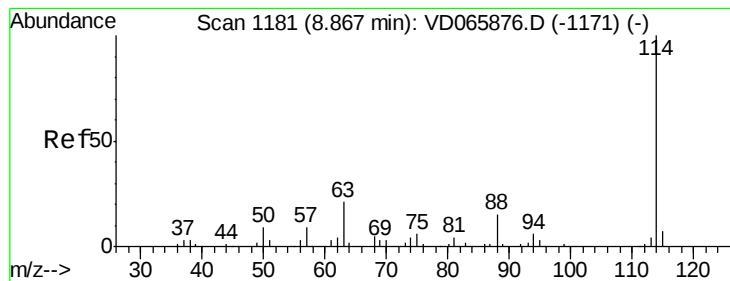
67 50.3 0.0 103.0



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: VD065908.D

Acq: 01 Jul 2020 16:15

Instrument :

MSVOA_D

ClientSampleId :

TP3-SS

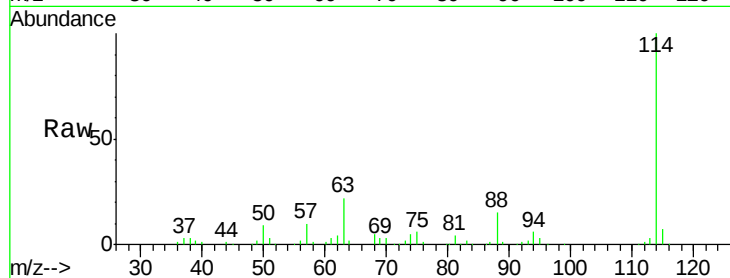
Tot Ion:114 Resp: 231417

Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.6

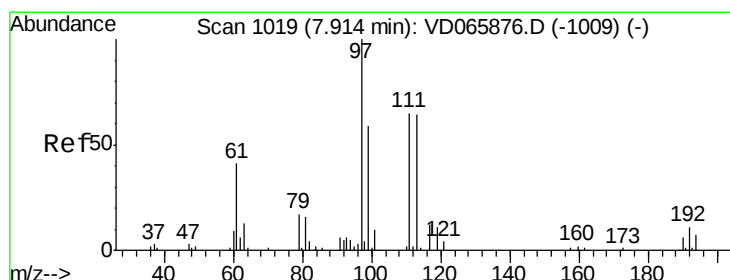
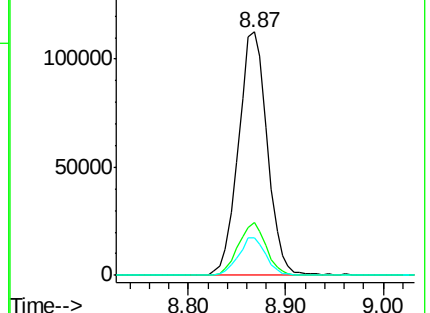
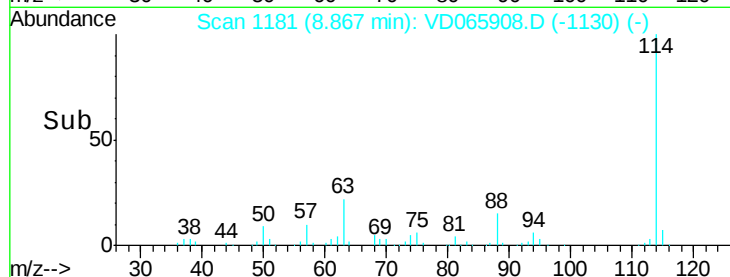
88 15.3 0.0 29.0



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: 48.553 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD065908.D

Acq: 01 Jul 2020 16:15

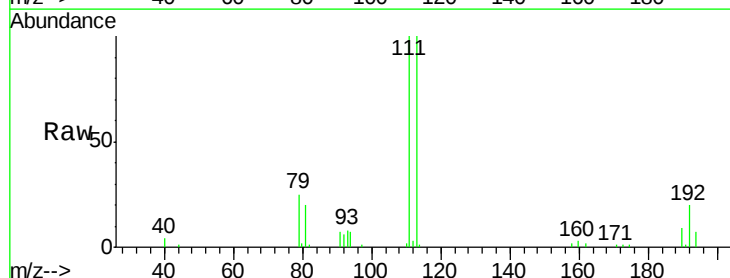
Tgt Ion:113 Resp: 69450

Ion Ratio Lower Upper

113 100

111 103.1 81.0 121.6

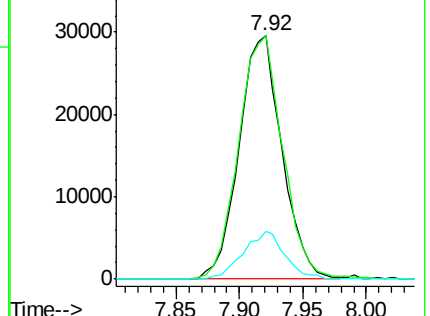
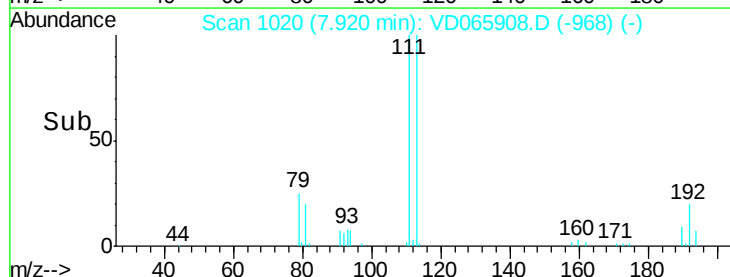
192 18.9 15.2 22.8

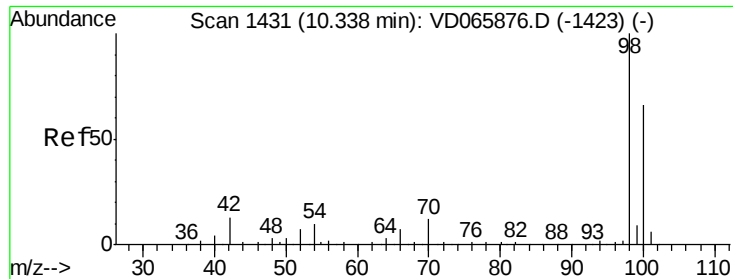


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

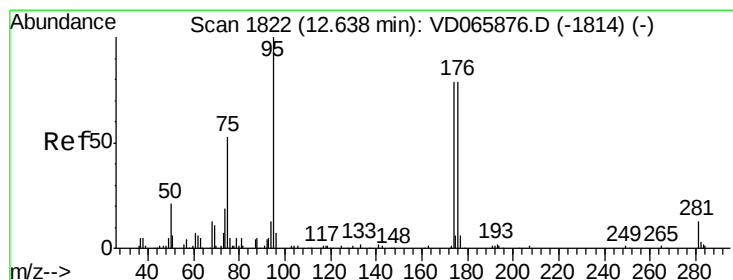
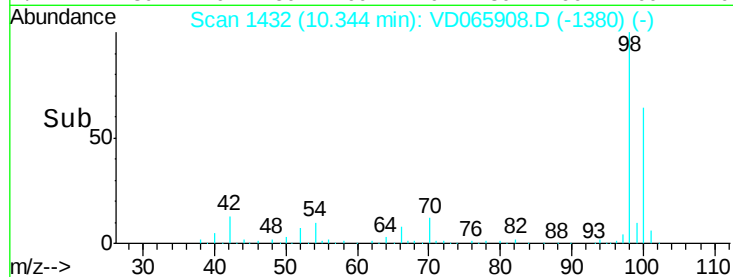
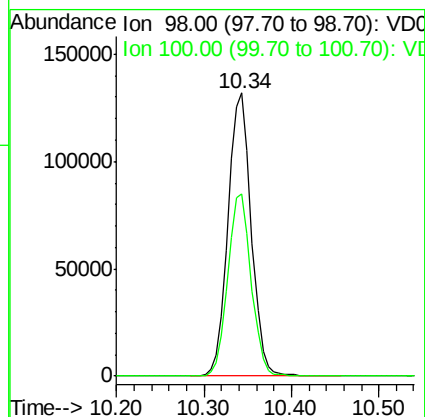
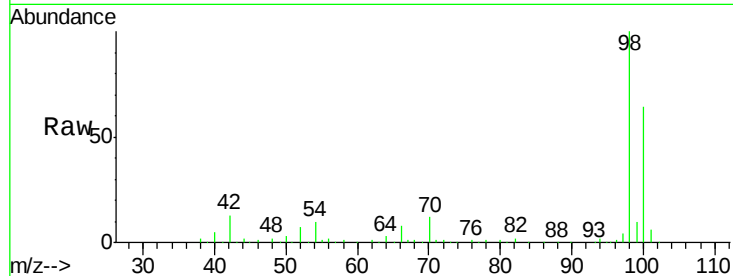




#50
Toluene-d8
Concen: 44.691 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD065908.D
Acq: 01 Jul 2020 16:15

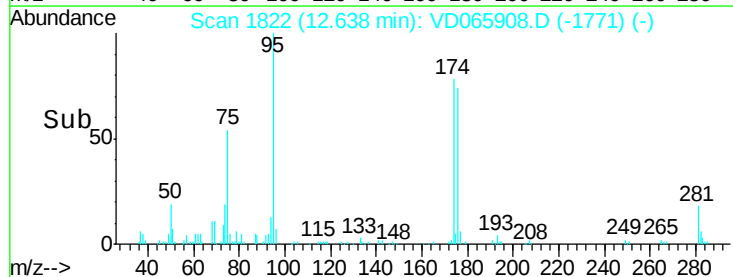
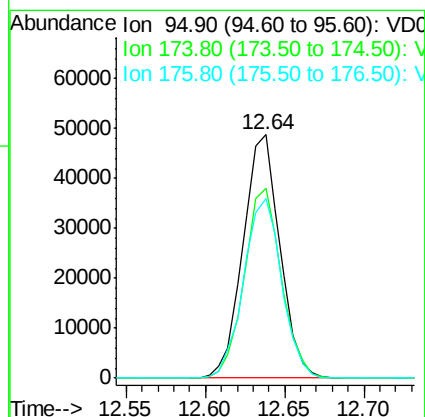
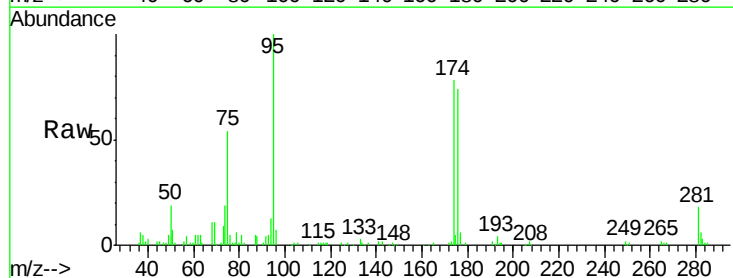
Instrument :
MSVOA_D
ClientSampled :
TP3-SS

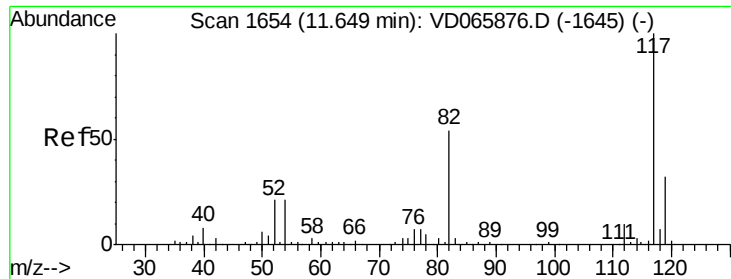
Tot Ion: 98 Resp: 240469
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.784 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065908.D
Acq: 01 Jul 2020 16:15

Tgt Ion: 95 Resp: 78942
Ion Ratio Lower Upper
95 100
174 78.2 0.0 158.4
176 76.0 0.0 156.0

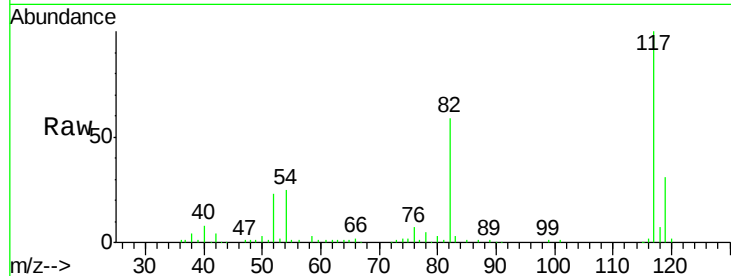




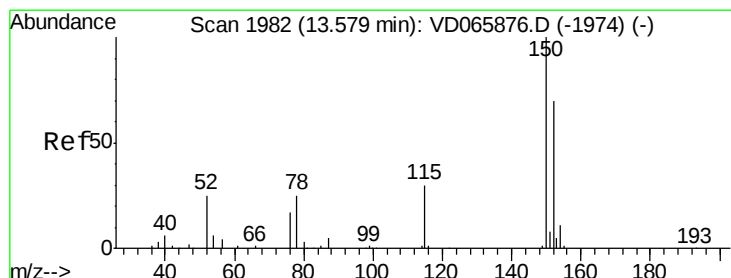
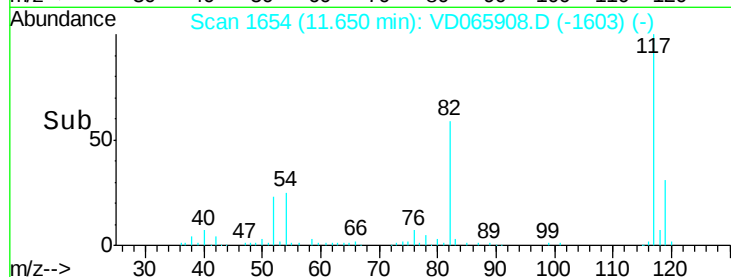
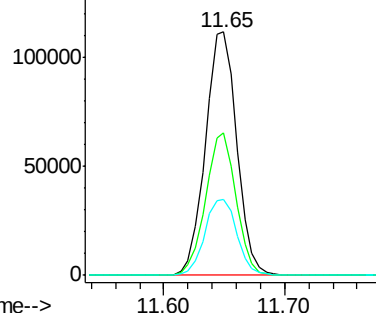
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065908.D
Acq: 01 Jul 2020 16:15

Instrument :
MSVOA_D
ClientSampleID :
TP3-SS

Tot Ion:117 Resp: 201743
Ion Ratio Lower Upper
117 100
82 58.5 43.6 65.4
119 31.2 25.9 38.9

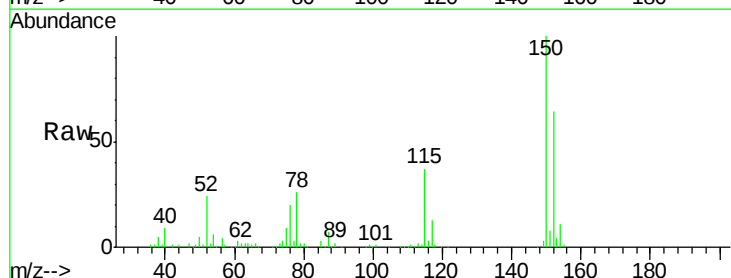


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

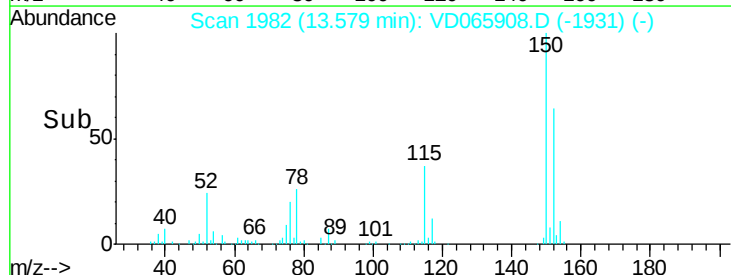
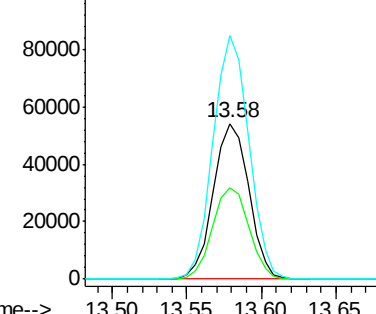


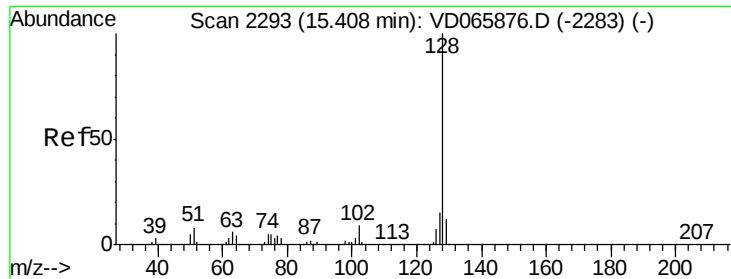
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065908.D
Acq: 01 Jul 2020 16:15

Tgt Ion:152 Resp: 89500
Ion Ratio Lower Upper
152 100
115 60.1 29.7 89.1
150 157.4 0.0 346.2



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: 3.277 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD065908.D

Acq: 01 Jul 2020 16:15

Instrument :

MSVOA_D

ClientSampleId :

TP3-SS

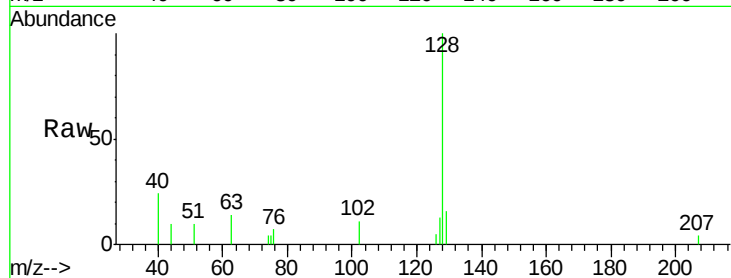
Tot Ion:128 Resp: 9149

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 12.0 8.8 13.2



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

