

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041720\
 Data File : VD065651.D
 Acq On : 17 Apr 2020 18:22
 Operator : VA/SY
 Sample : L2327-17
 Misc : 6.74G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4-S2

Quant Time: Apr 20 08:12:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 19:43:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	212442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	348984	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	331095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	149279	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	113446	62.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.54%	
35) Dibromofluoromethane	7.92	113	119572	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	
50) Toluene-d8	10.34	98	425047	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
62) 4-Bromofluorobenzene	12.64	95	127211	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	

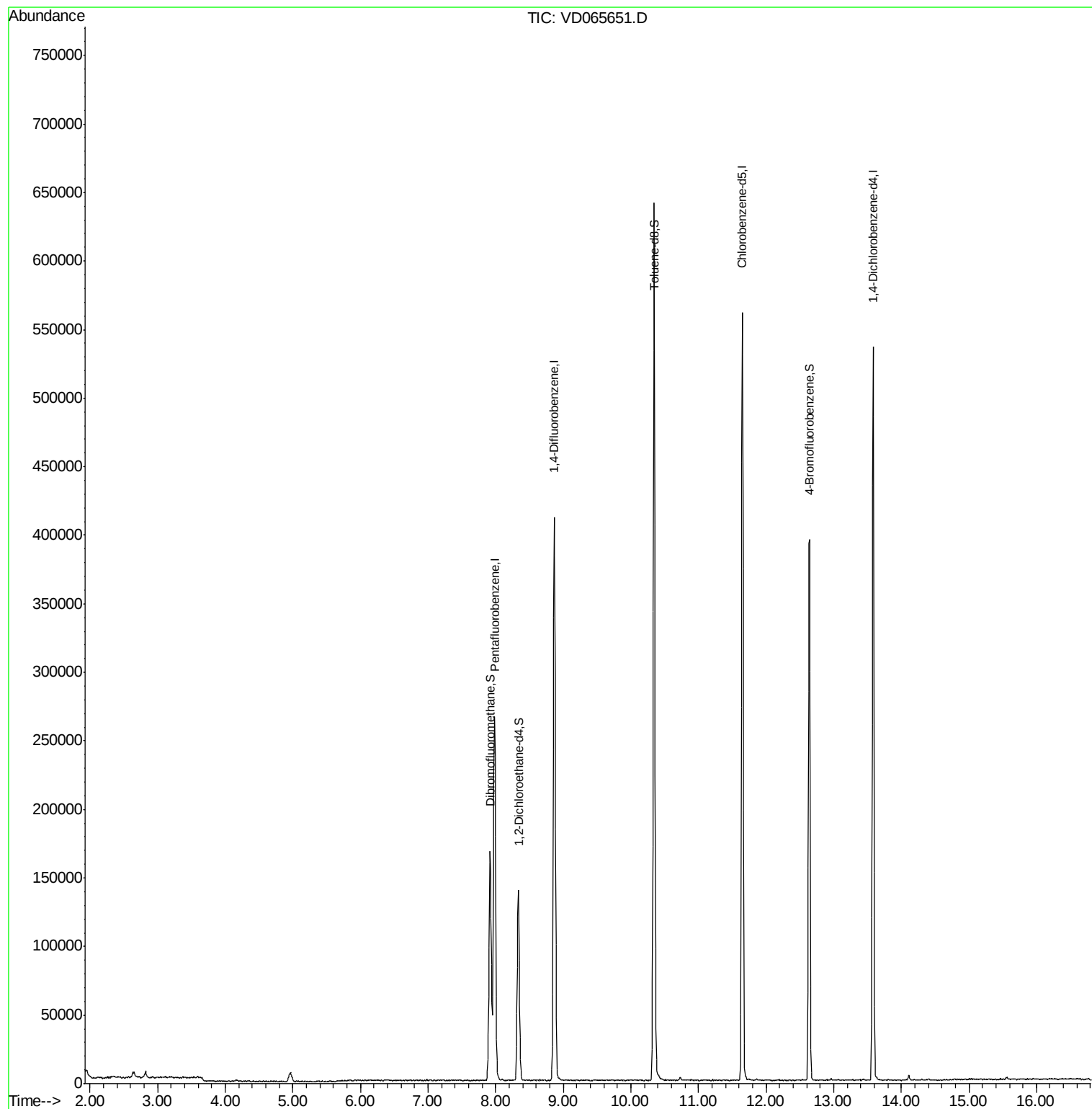
Target Compounds	Qvalue
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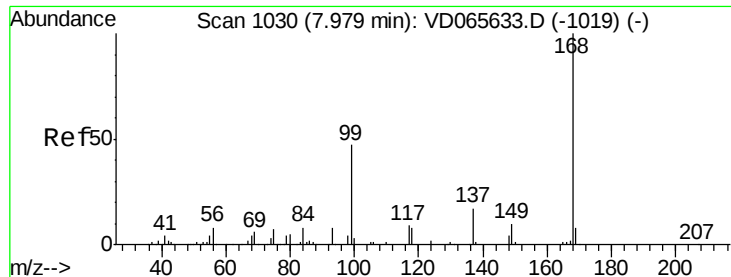
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD065651.D

Acq: 17 Apr 2020 18:22

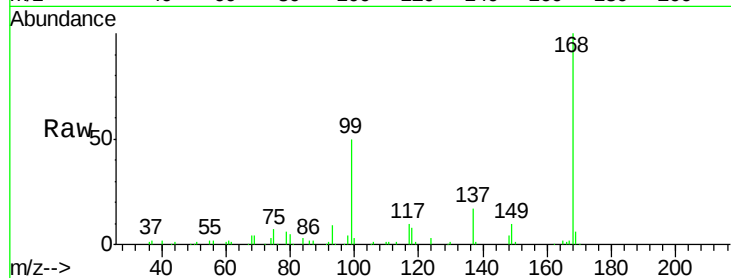
Instrument :
MSVOA_D
ClientSampleId :
TP-4-S2

Tot Ion:168 Resp: 212442

Ion Ratio Lower Upper

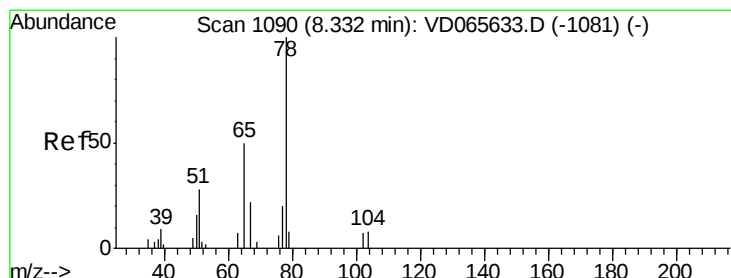
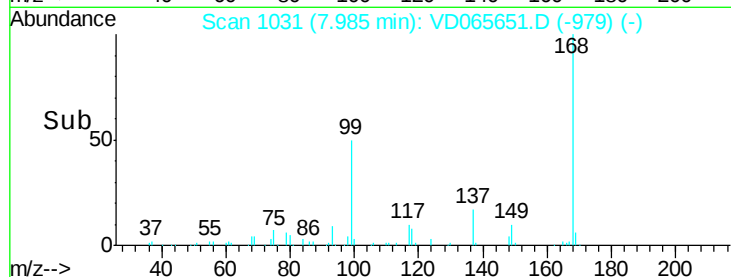
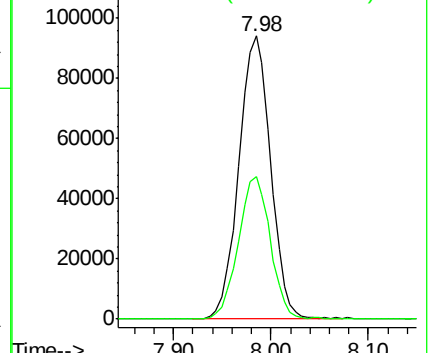
168 100

99 50.3 40.3 60.5



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: 62.774 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065651.D

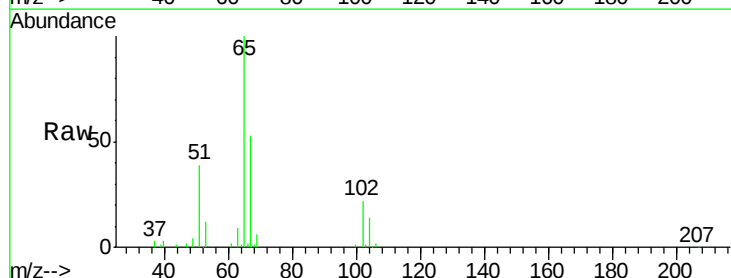
Acq: 17 Apr 2020 18:22

Tgt Ion: 65 Resp: 113446

Ion Ratio Lower Upper

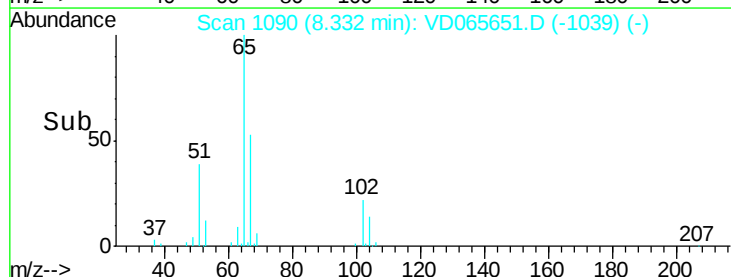
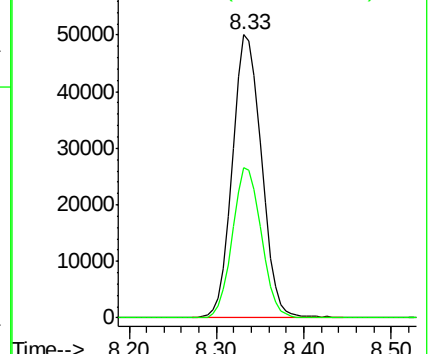
65 100

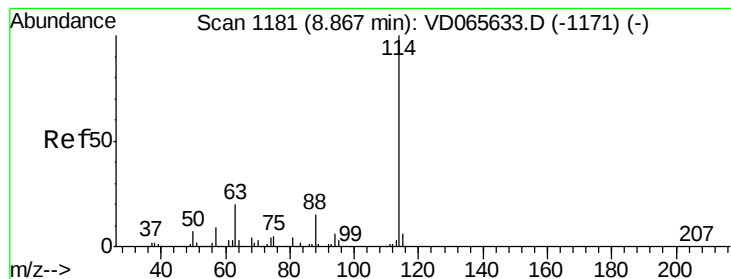
67 52.3 0.0 105.8



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: VD065651.D

Acq: 17 Apr 2020 18:22

Instrument :

MSVOA_D

ClientSampleId :

TP-4-S2

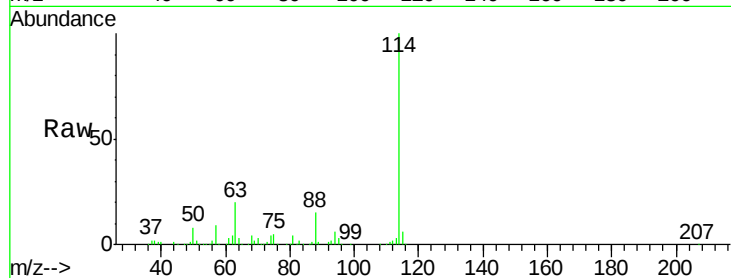
Tot Ion:114 Resp: 348984

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

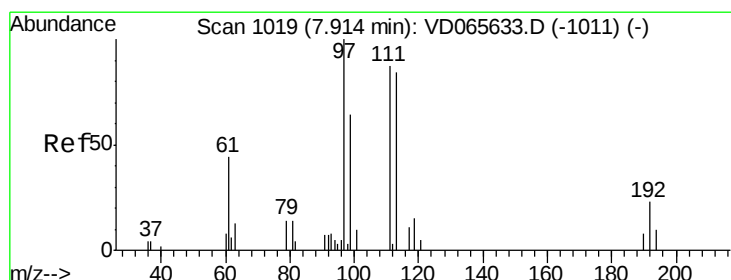
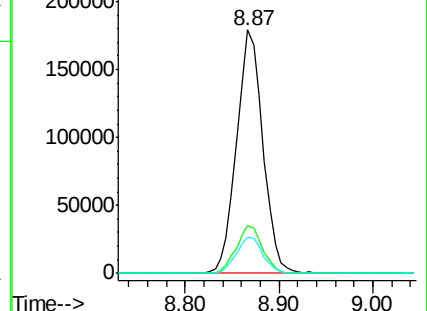
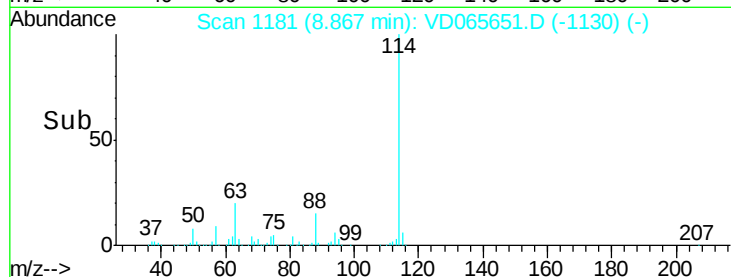
88 14.9 0.0 31.6



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: 55.052 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065651.D

Acq: 17 Apr 2020 18:22

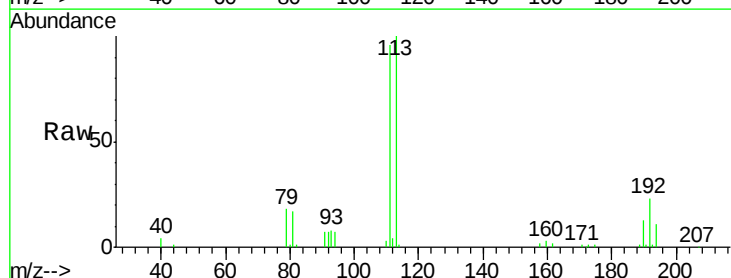
Tgt Ion:113 Resp: 119572

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

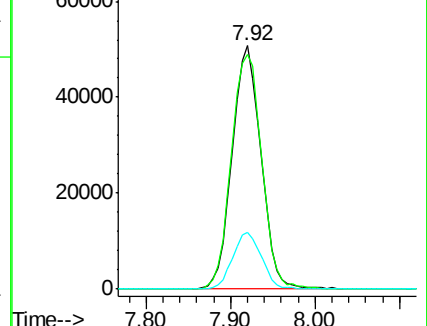
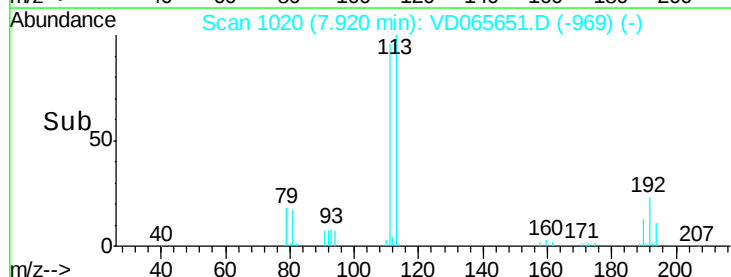
192 23.3 18.9 28.3

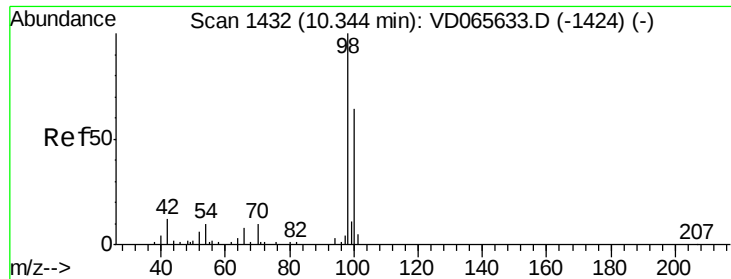


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.086 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065651.D

Acq: 17 Apr 2020 18:22

Instrument :

MSVOA_D

ClientSampleId :

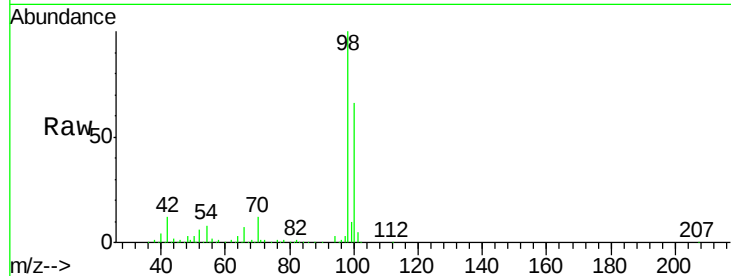
TP-4-S2

Tot Ion: 98 Resp: 425047

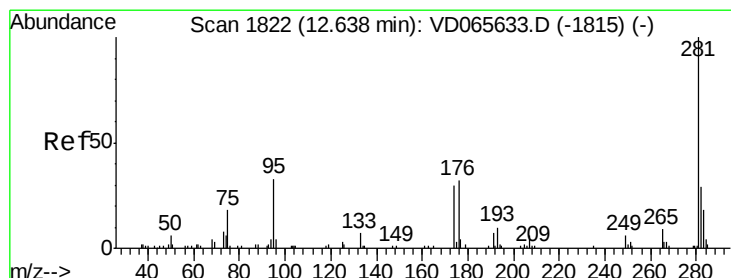
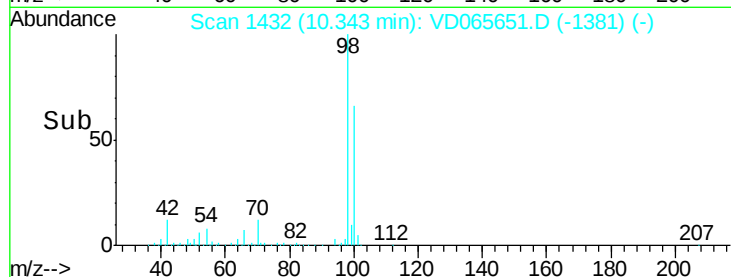
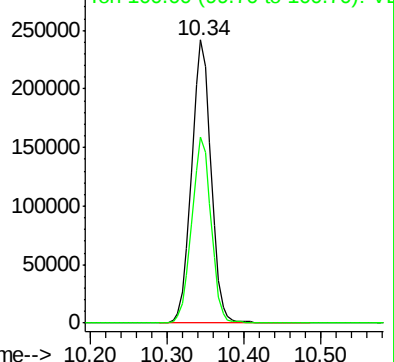
Ion Ratio Lower Upper

98 100

100 65.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VD065633.D (-1424) (-)



#62

4-Bromofluorobenzene

Concen: 47.749 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065651.D

Acq: 17 Apr 2020 18:22

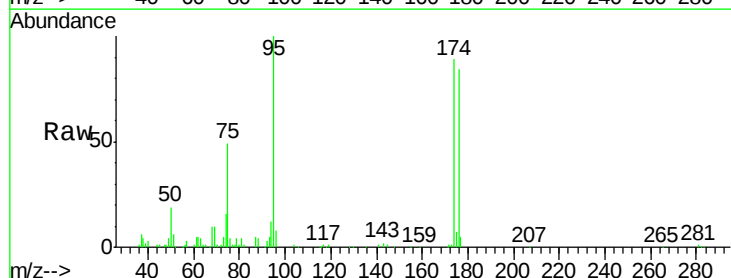
Tgt Ion: 95 Resp: 127211

Ion Ratio Lower Upper

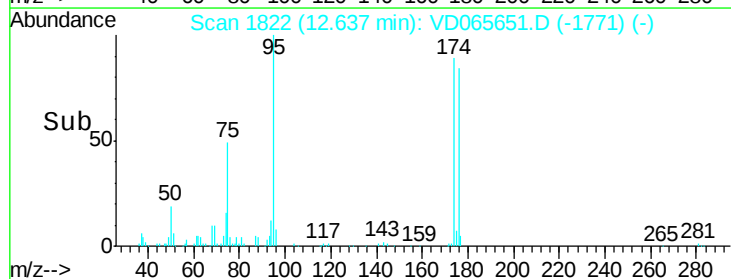
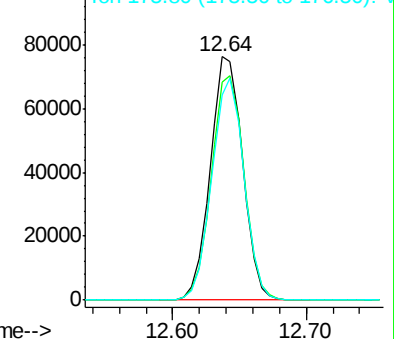
95 100

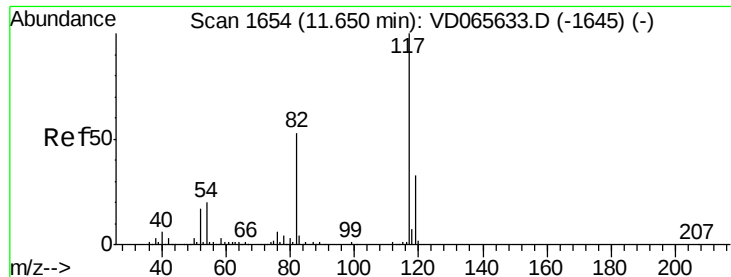
174 93.2 0.0 183.8

176 90.7 0.0 181.4



Abundance Ion 94.90 (94.60 to 95.60): VD065633.D (-1815) (-)

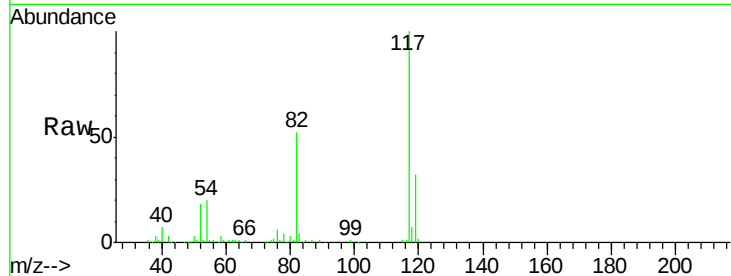




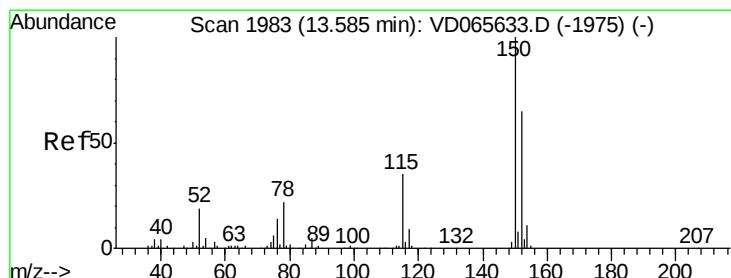
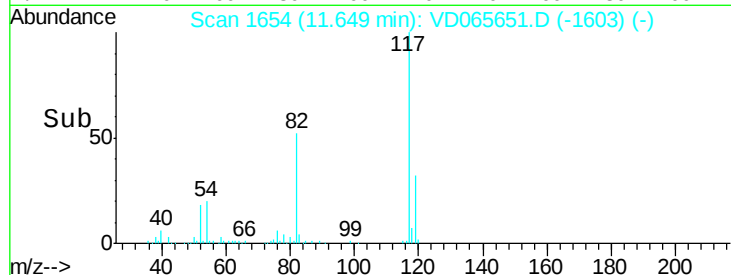
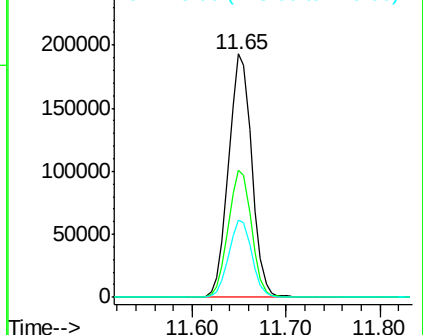
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065651.D
Acq: 17 Apr 2020 18:22

Instrument :
MSVOA_D
ClientSampleId :
TP-4-S2

Tot Ion:117 Resp: 331095
Ion Ratio Lower Upper
117 100
82 52.1 43.2 64.8
119 31.9 26.2 39.4

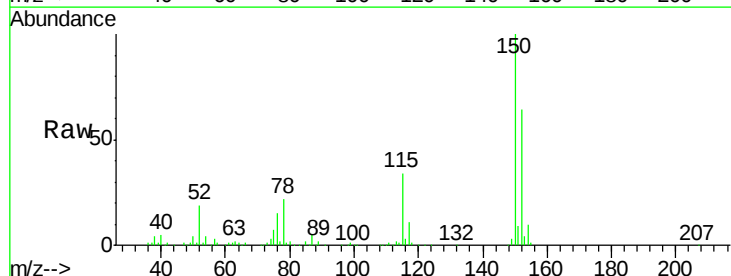


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065651.D
Acq: 17 Apr 2020 18:22

Tgt Ion:152 Resp: 149279
Ion Ratio Lower Upper
152 100
115 54.0 27.6 82.7
150 156.1 0.0 346.0



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

