

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021920\
 Data File : VD065238.D
 Acq On : 19 Feb 2020 14:55
 Operator : VA/SY
 Sample : L1526-02
 Misc : 7.91G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 E156-B4-021820-GRAB-0-2

Quant Time: Feb 20 04:36:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

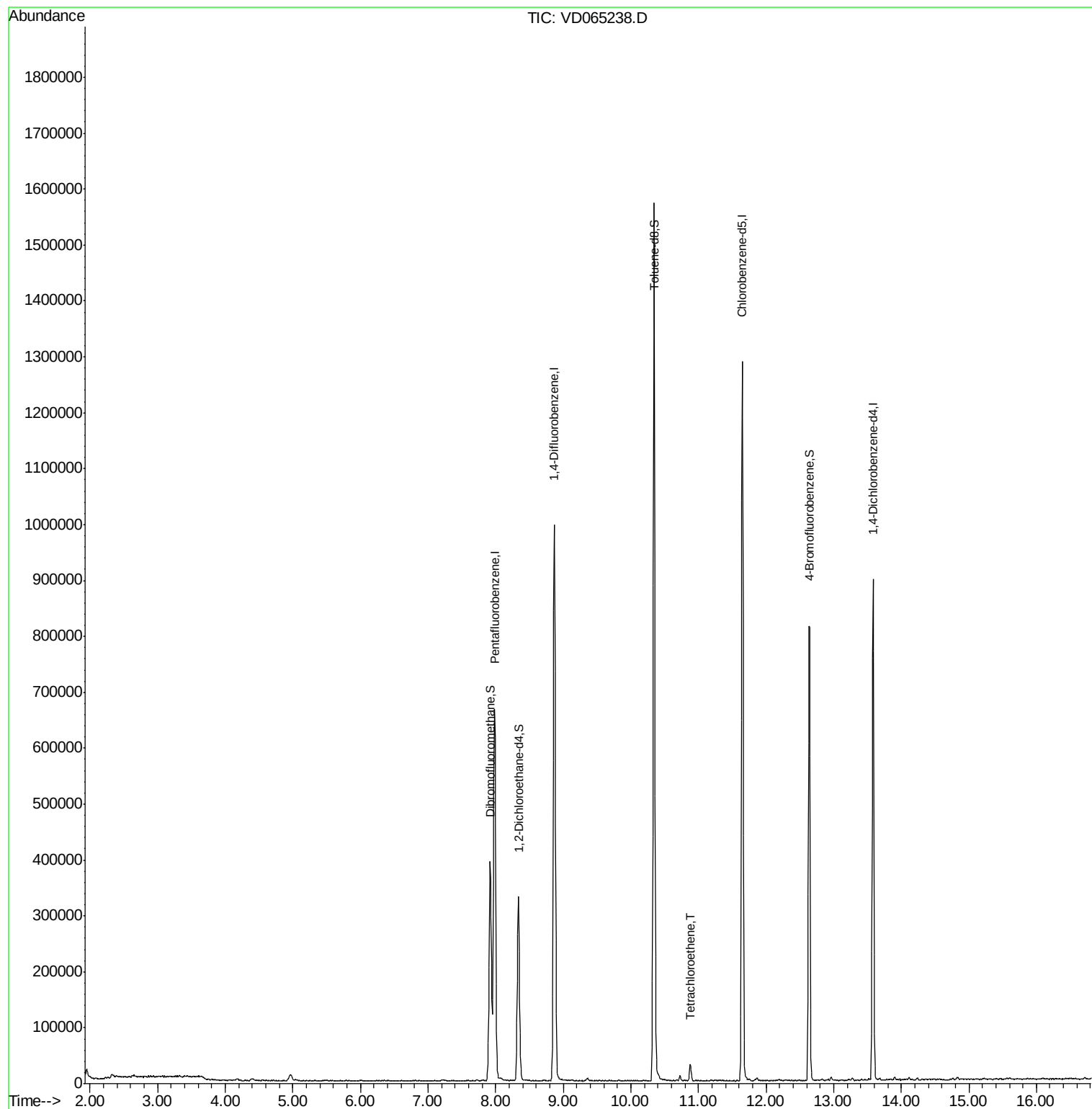
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	523217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	861976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	743585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	240622	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	261249	55.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.00%	
35) Dibromofluoromethane	7.92	113	278468	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
50) Toluene-d8	10.34	98	1035119	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.64	95	262174	41.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.38%	
Target Compounds						
64) Tetrachloroethene	10.88	164	8185	1.552	ug/l #	Qvalue 70

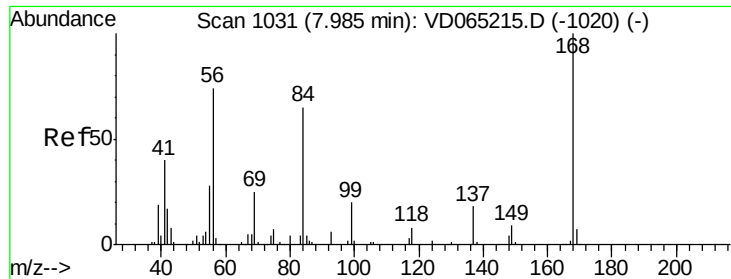
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065238.D

Acq: 19 Feb 2020 14:55

Instrument :

MSVOA_D

ClientSampleId :

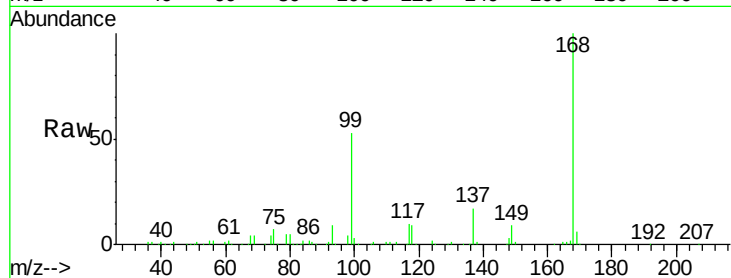
E156-B4-021820-GRAB-0-2

Tot Ion:168 Resp: 523217

Ion Ratio Lower Upper

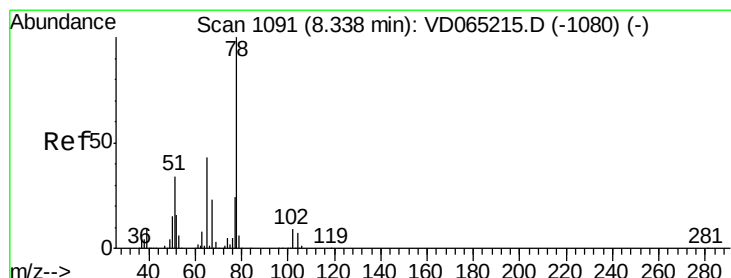
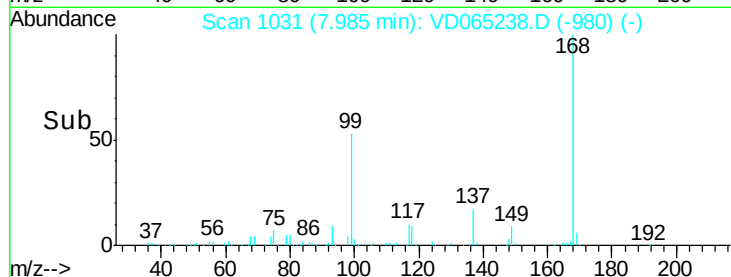
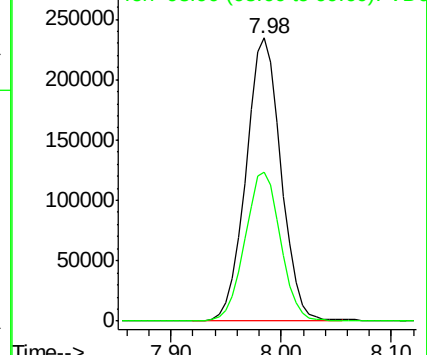
168 100

99 52.8 41.4 62.2



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: 55.503 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065238.D

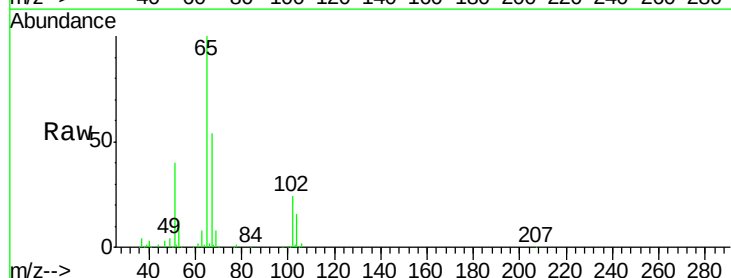
Acq: 19 Feb 2020 14:55

Tgt Ion: 65 Resp: 261249

Ion Ratio Lower Upper

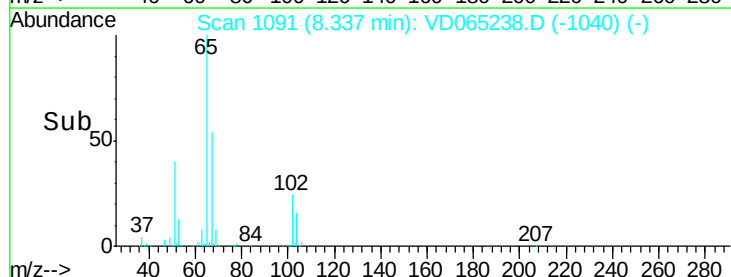
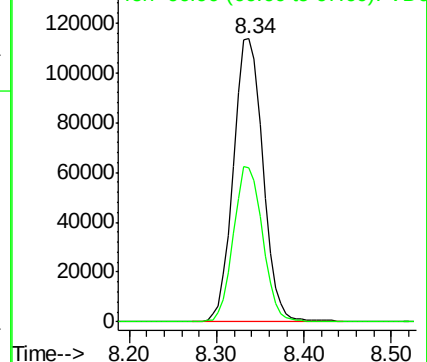
65 100

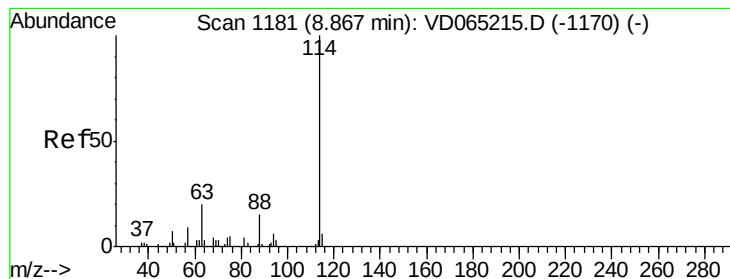
67 54.1 0.0 106.8



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: VD065238.D

Acq: 19 Feb 2020 14:55

Instrument :

MSVOA_D

ClientSampleId :

E156-B4-021820-GRAB-0-2

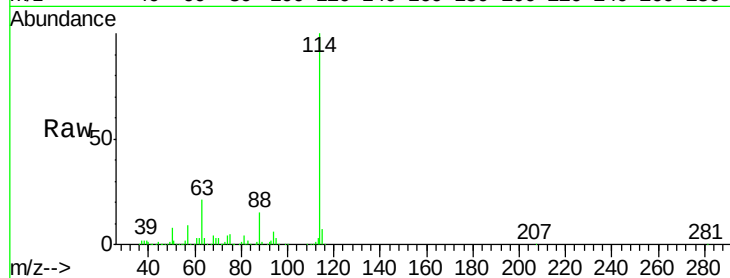
Tot Ion:114 Resp: 861976

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.4

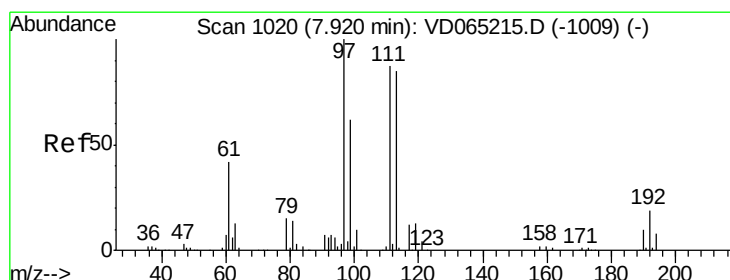
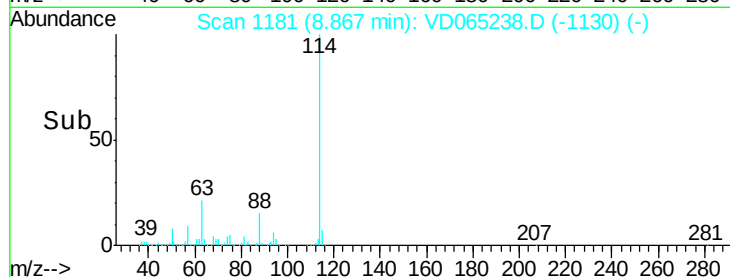
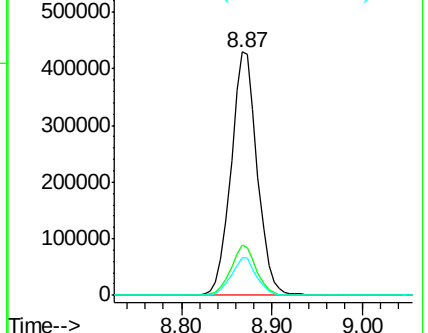
88 15.2 0.0 30.4



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: 52.983 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065238.D

Acq: 19 Feb 2020 14:55

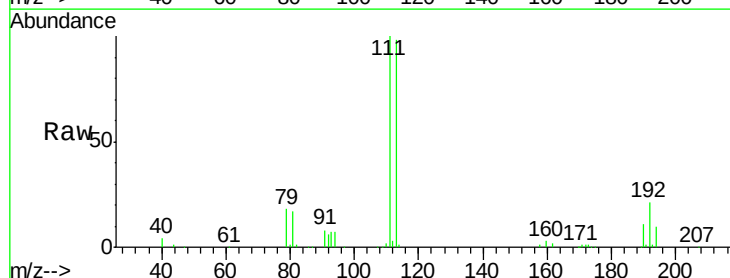
Tgt Ion:113 Resp: 278468

Ion Ratio Lower Upper

113 100

111 101.9 82.9 124.3

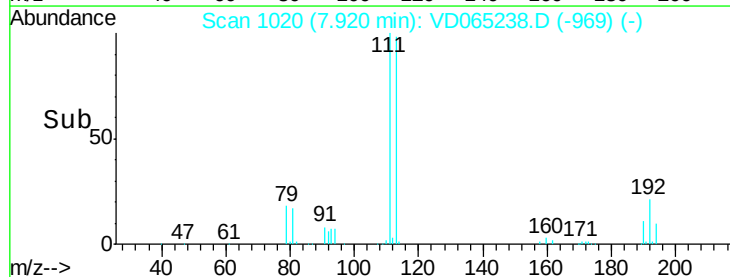
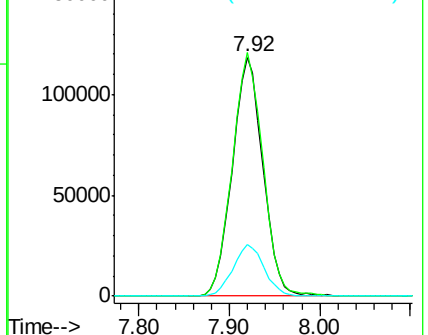
192 21.9 17.3 25.9

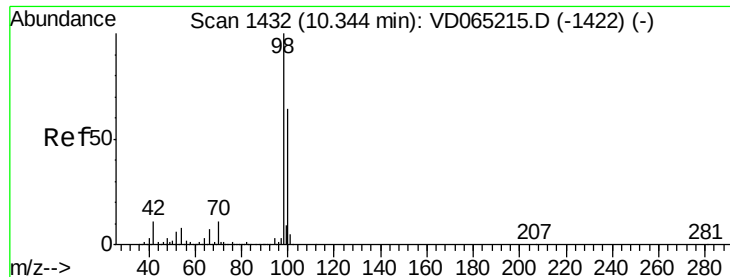


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.518 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065238.D

Acq: 19 Feb 2020 14:55

Instrument :

MSVOA_D

ClientSampleId :

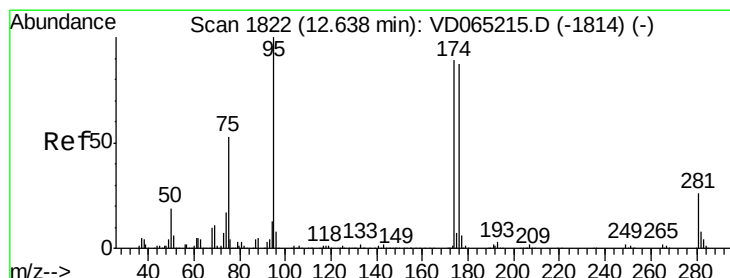
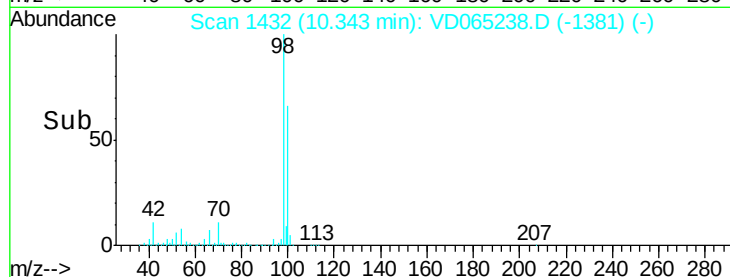
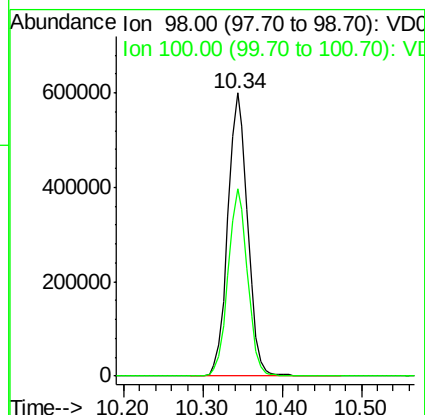
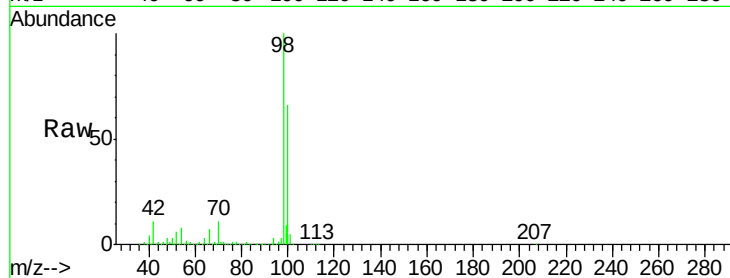
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Tot Ion: 98 Resp: 1035119

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 41.189 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065238.D

Acq: 19 Feb 2020 14:55

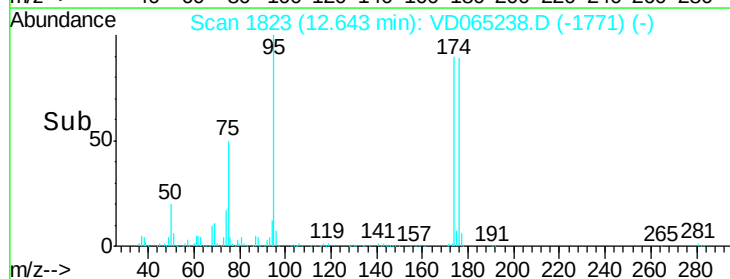
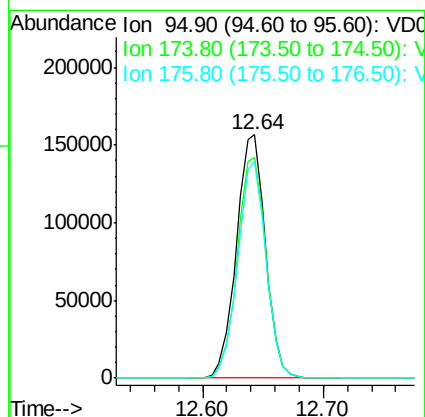
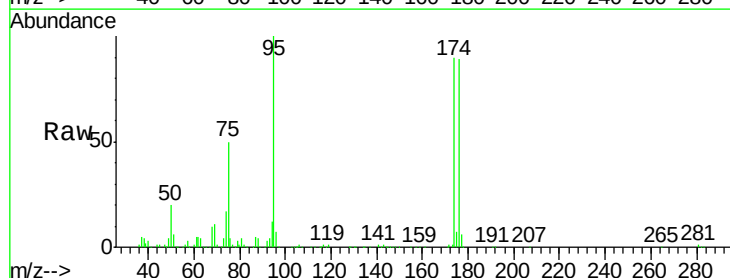
Tgt Ion: 95 Resp: 262174

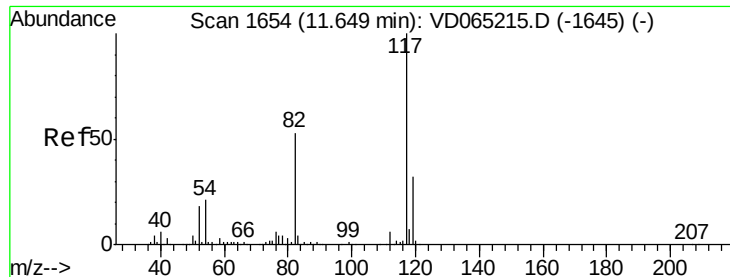
Ion Ratio Lower Upper

95 100

174 90.3 0.0 178.0

176 87.0 0.0 174.4

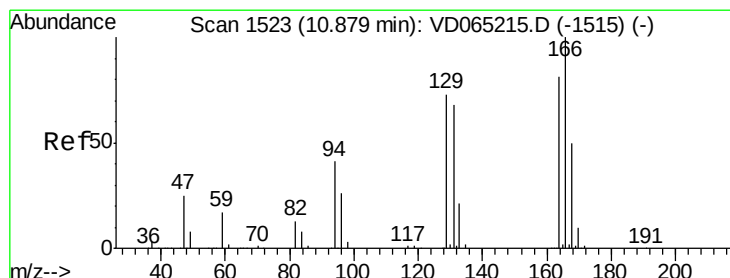
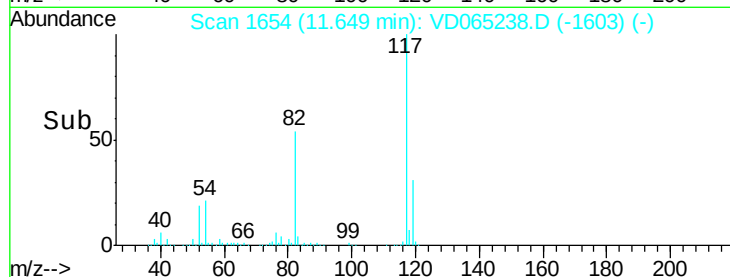
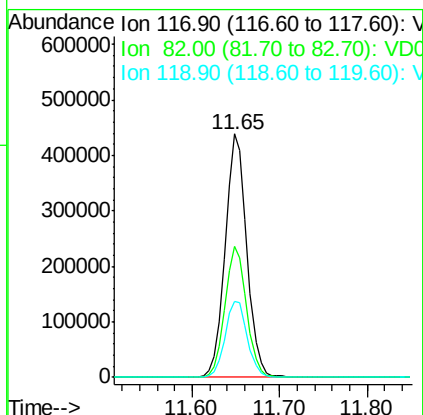
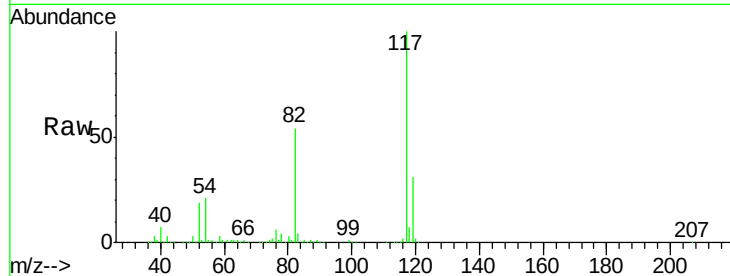




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065238.D
Acq: 19 Feb 2020 14:55

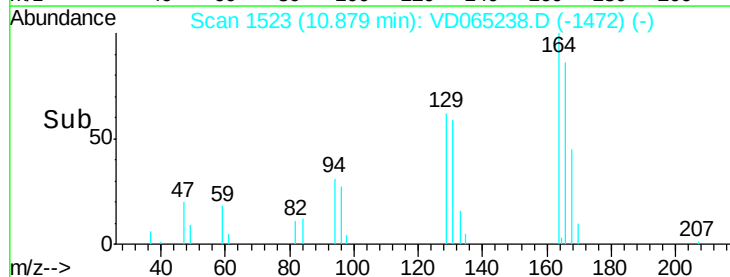
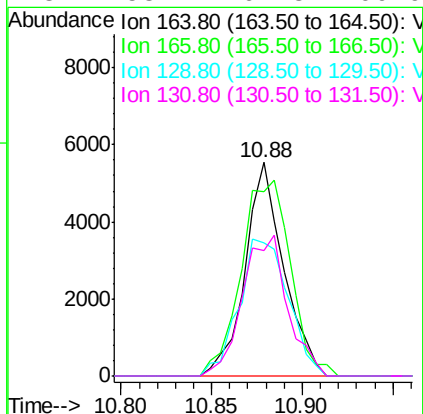
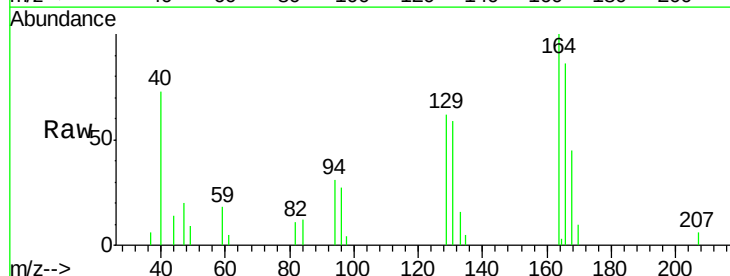
Instrument :
MSVOA_D
ClientSampleId :
E156-B4-021820-GRAB-0-2

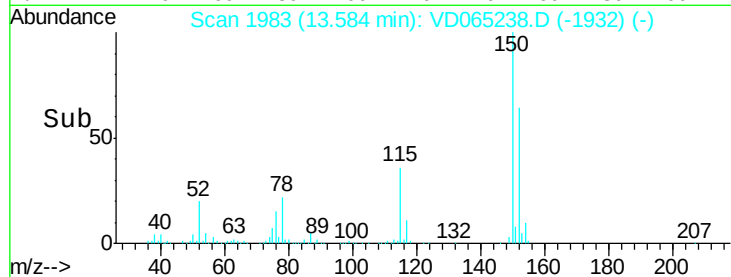
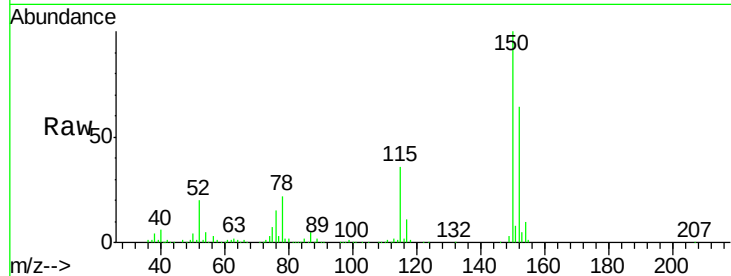
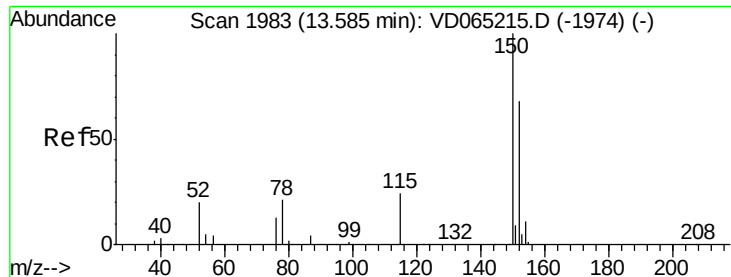
Tot Ion:117 Resp: 743585
Ion Ratio Lower Upper
117 100
82 53.7 42.7 64.1
119 30.9 25.5 38.3



#64
Tetrachloroethene
Concen: 1.552 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065238.D
Acq: 19 Feb 2020 14:55

Tgt Ion:164 Resp: 8185
Ion Ratio Lower Upper
164 100
166 86.1 98.4 147.6#
129 62.4 71.6 107.4#
131 58.7 67.3 100.9#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065238.D

Acq: 19 Feb 2020 14:55

Instrument :

MSVOA_D

ClientSampleId :

E156-B4-021820-GRAB-0-2

Tot Ion:152 Resp: 240622

Ion Ratio Lower Upper

152 100

115 55.7 27.6 82.8

150 157.4 0.0 347.4

