

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD020320\
 Data File : VD065052.D
 Acq On : 03 Feb 2020 14:15
 Operator : VA/SY
 Sample : L1345-03RE
 Misc : 5.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 01-31-CRE

Quant Time: Feb 03 16:33:50 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	50246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	76160	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	86091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	44035	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	35660	73.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	147.98%	
35) Dibromofluoromethane	7.92	113	30064	62.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.64%	
50) Toluene-d8	10.34	98	91469	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.64	95	36595	64.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.48%	

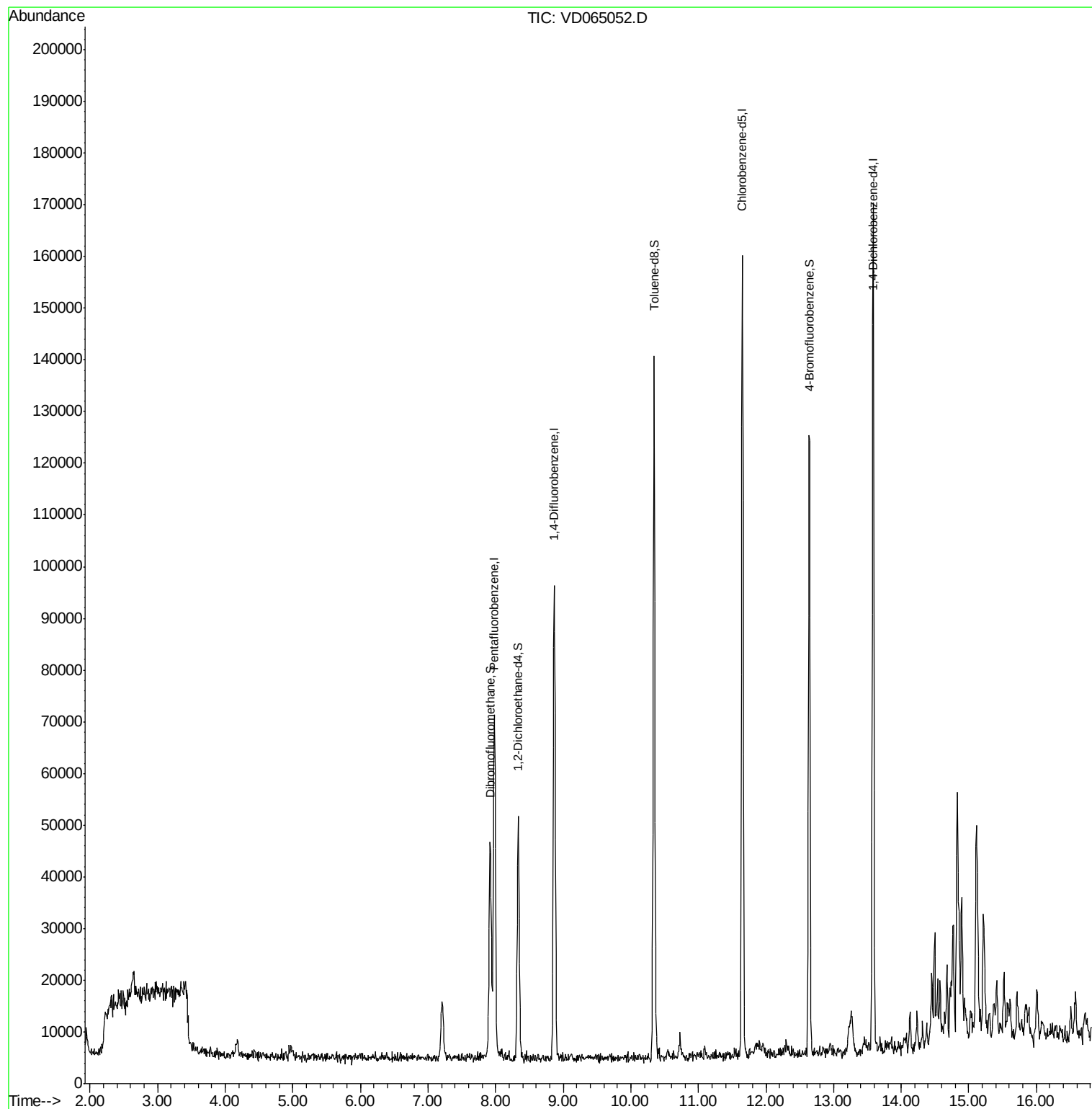
Target Compounds	Qvalue

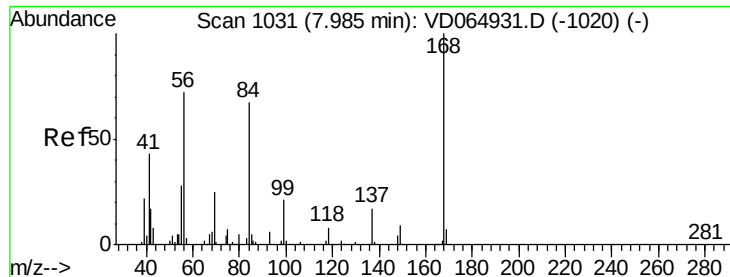
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065052.D

Acq: 03 Feb 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

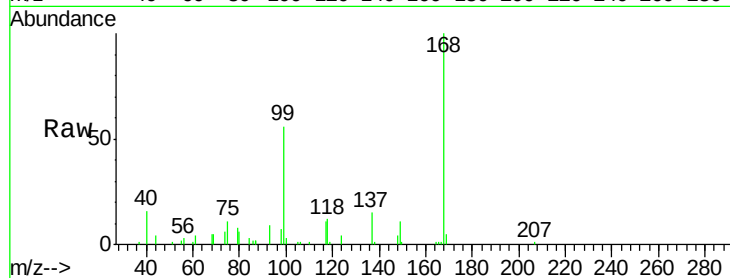
01-31-CRE

Tot Ion:168 Resp: 50246

Ion Ratio Lower Upper

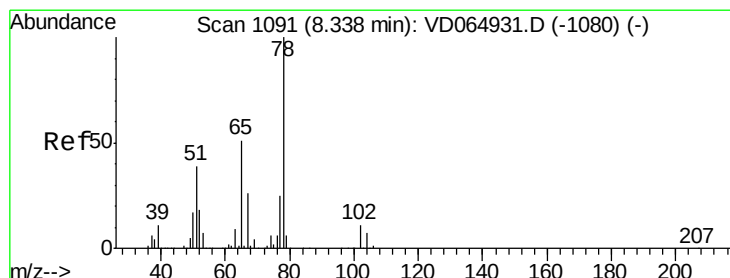
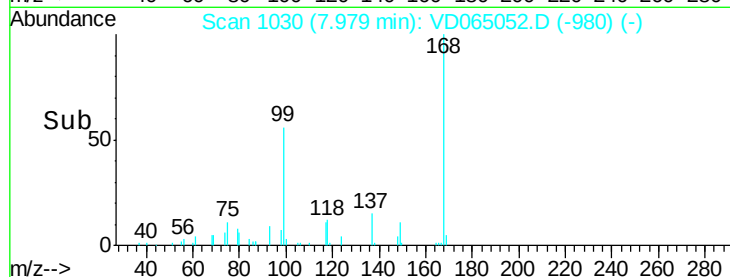
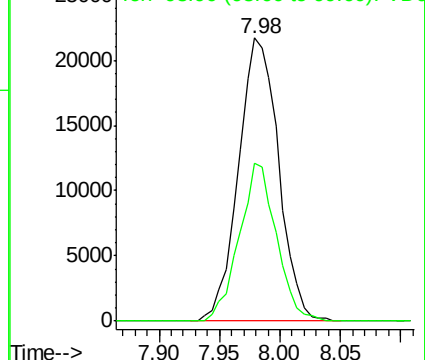
168 100

99 56.0 43.3 64.9



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: 73.988 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065052.D

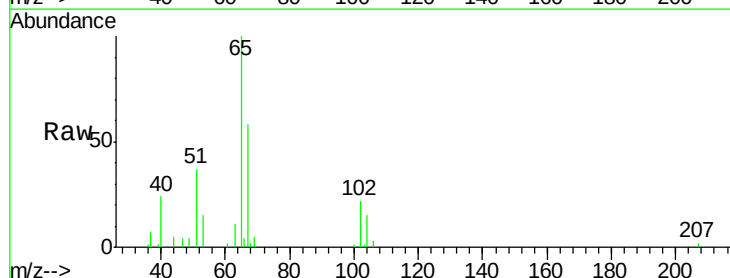
Acq: 03 Feb 2020 14:15

Tgt Ion: 65 Resp: 35660

Ion Ratio Lower Upper

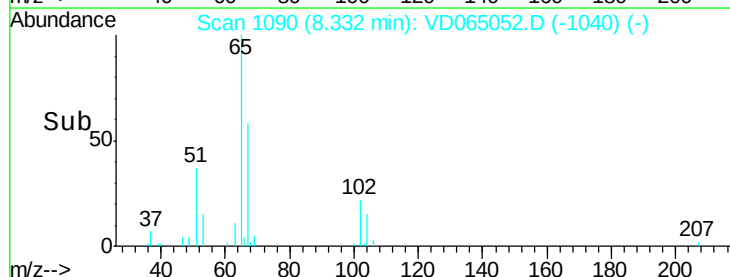
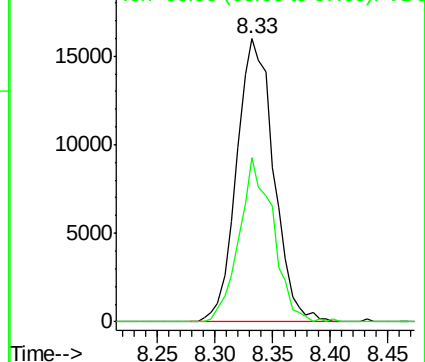
65 100

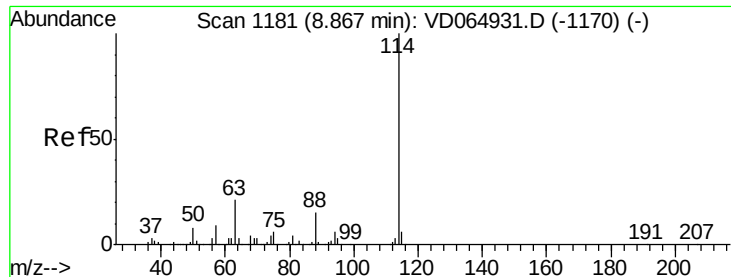
67 53.5 0.0 103.6



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: VD065052.D

Acq: 03 Feb 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

01-31-CRE

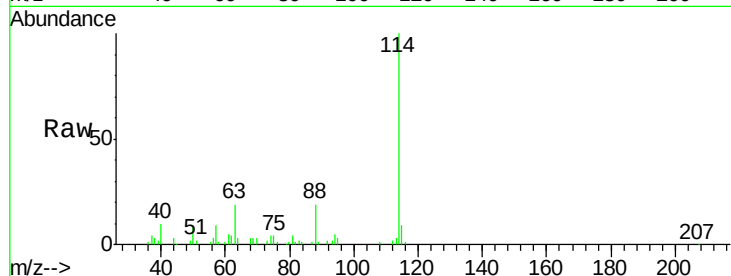
Tot Ion:114 Resp: 76160

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.0

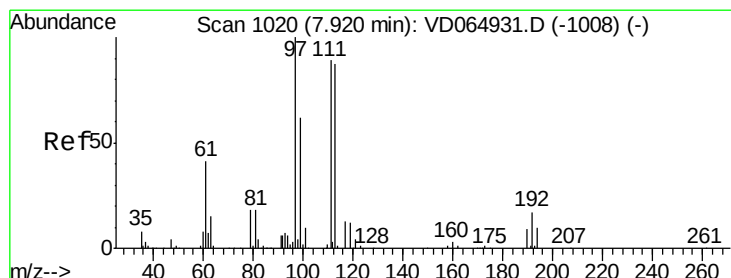
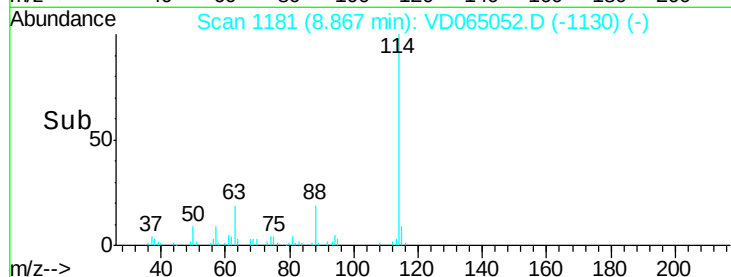
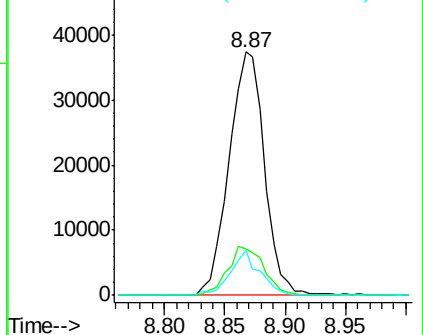
88 18.7 0.0 29.4



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: 62.817 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065052.D

Acq: 03 Feb 2020 14:15

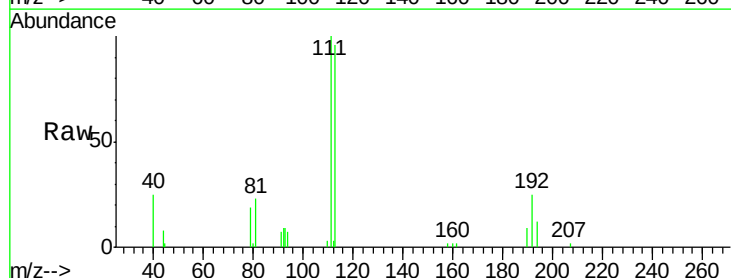
Tgt Ion:113 Resp: 30064

Ion Ratio Lower Upper

113 100

111 104.8 82.4 123.6

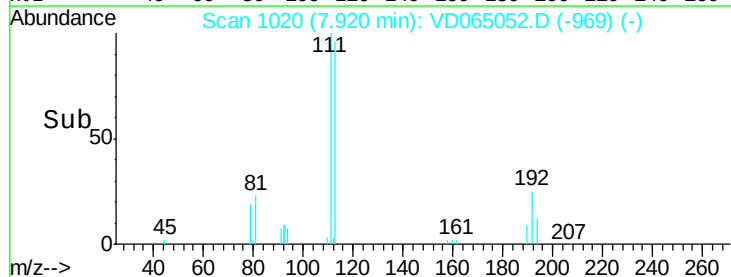
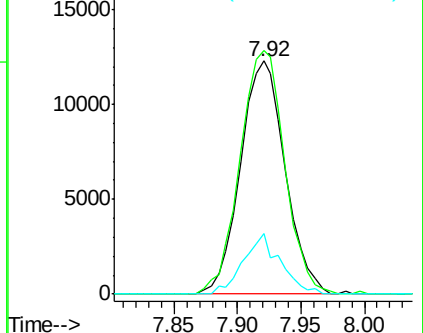
192 21.3 16.9 25.3

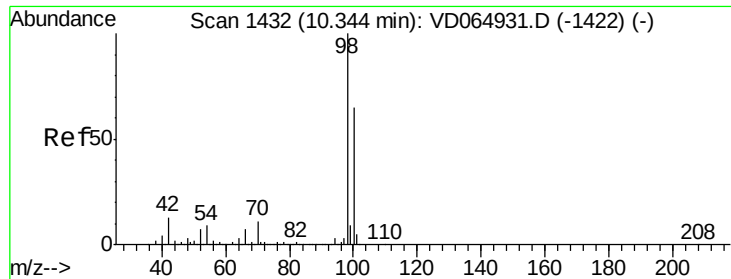


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.517 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065052.D

Acq: 03 Feb 2020 14:15

Instrument :

MSVOA_D

ClientSampled :

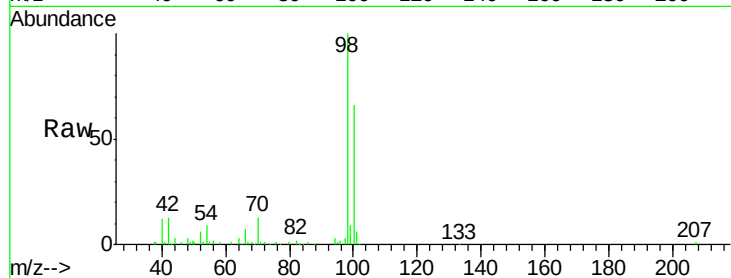
01-31-CRE

Tot Ion: 98 Resp: 91469

Ion Ratio Lower Upper

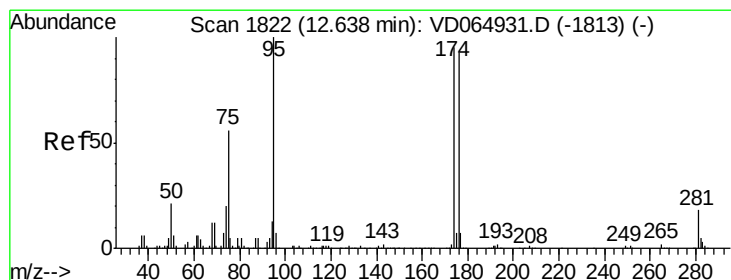
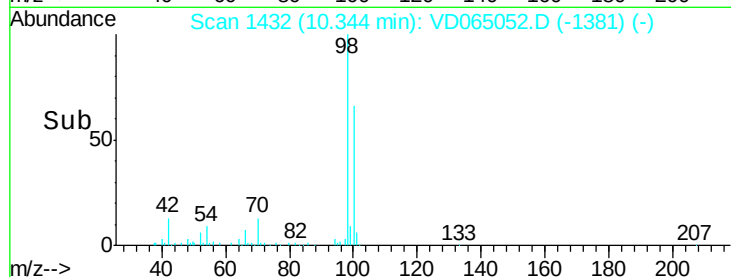
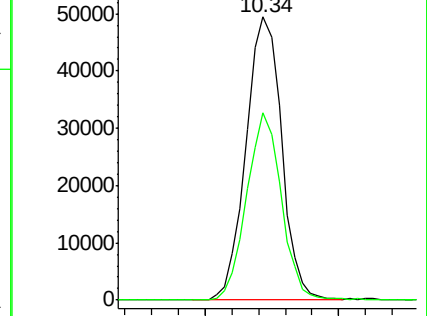
98 100

100 64.1 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 64.737 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065052.D

Acq: 03 Feb 2020 14:15

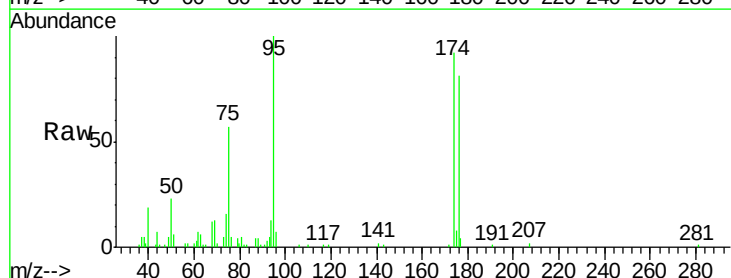
Tgt Ion: 95 Resp: 36595

Ion Ratio Lower Upper

95 100

174 90.5 0.0 186.8

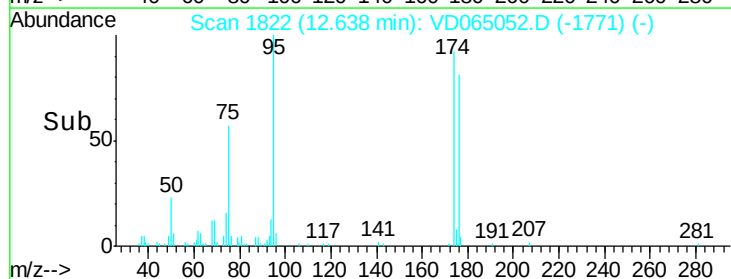
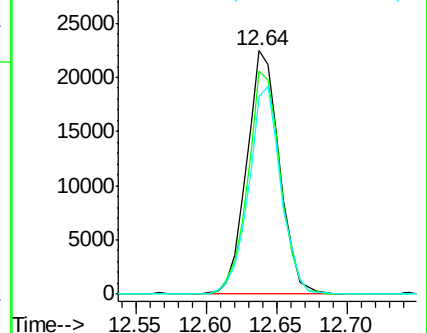
176 84.0 0.0 183.4

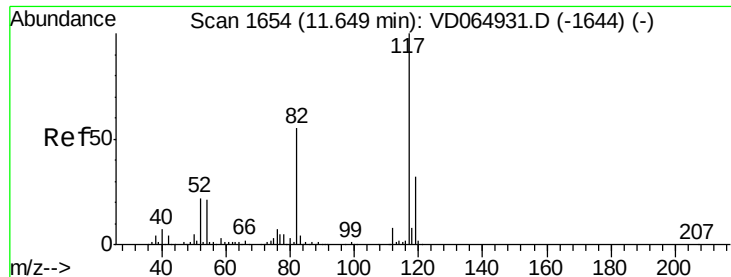


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

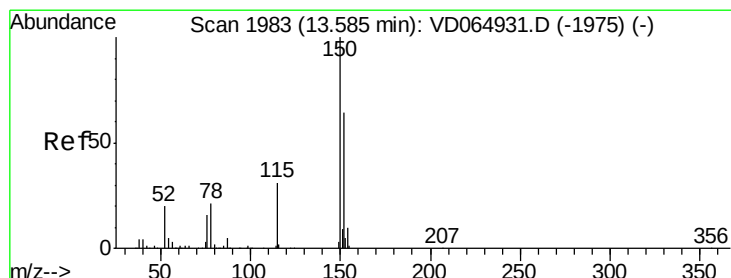
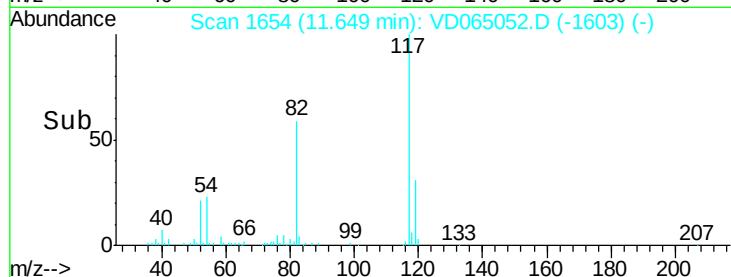
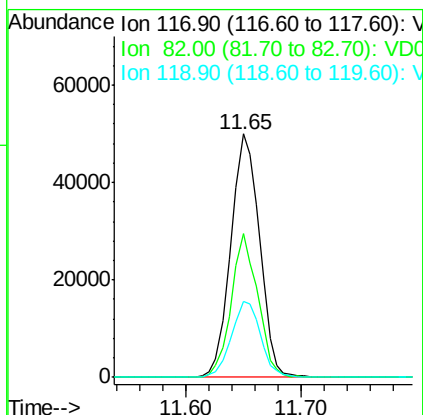
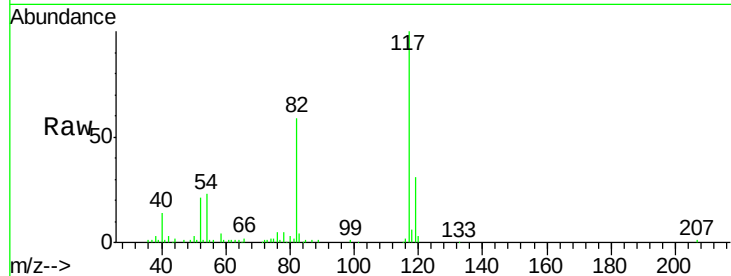




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065052.D
Acq: 03 Feb 2020 14:15

Instrument :
MSVOA_D
ClientSampleId :
01-31-CRE

Tot Ion:117 Resp: 86091
Ion Ratio Lower Upper
117 100
82 59.0 43.6 65.4
119 31.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065052.D
Acq: 03 Feb 2020 14:15

Tgt Ion:152 Resp: 44035
Ion Ratio Lower Upper
152 100
115 54.1 28.1 84.4
150 154.2 0.0 350.4

