

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD112118\
 Data File : VD060438.D
 Acq On : 21 Nov 2018 13:12
 Operator : JC/SY
 Sample : J5951-02RE
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-02(21-23)RE

Quant Time: Nov 21 14:15:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	6081	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	9215	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.29	117	8813	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	4037	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	3776	86.72	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	173.44%	
35) Dibromofluoromethane	6.32	113	3059	44.52	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	89.04%	
50) Toluene-d8	9.45	98	10005	49.75	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.43	95	3472	47.64	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	95.28%	

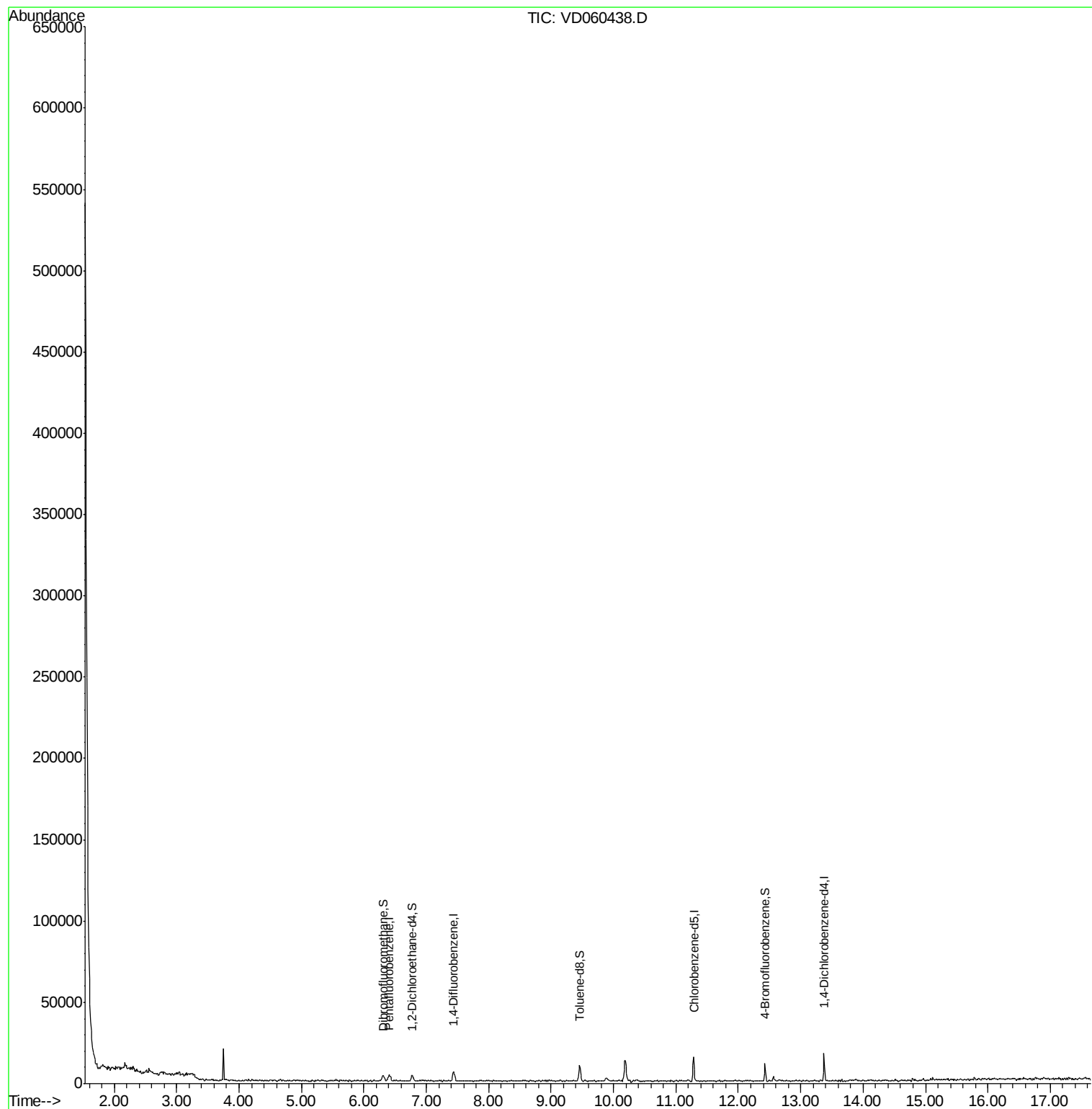
Target Compounds	Qvalue

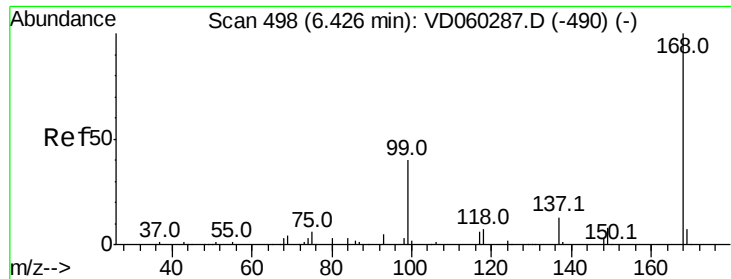
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. -0.02 min

Lab File: VD060438.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_D

ClientSampleId :

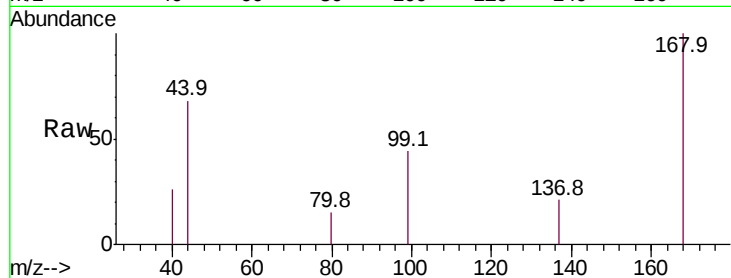
FDSB-02(21-23)RE

Tot Ion:168 Resp: 6081

Ion Ratio Lower Upper

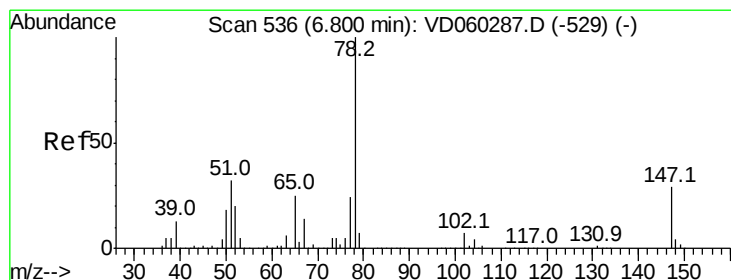
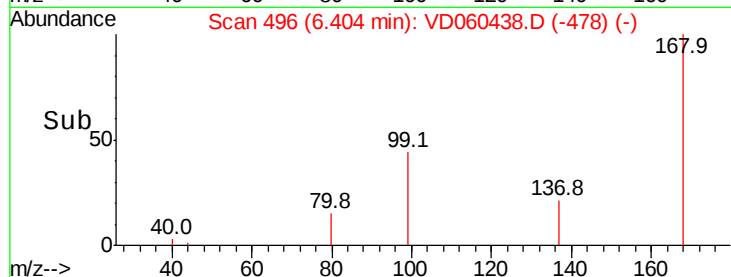
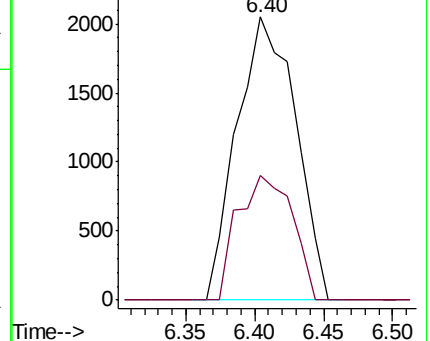
168 100

99 44.1 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.77 min Scan# 533

Delta R.T. -0.03 min

Lab File: VD060438.D

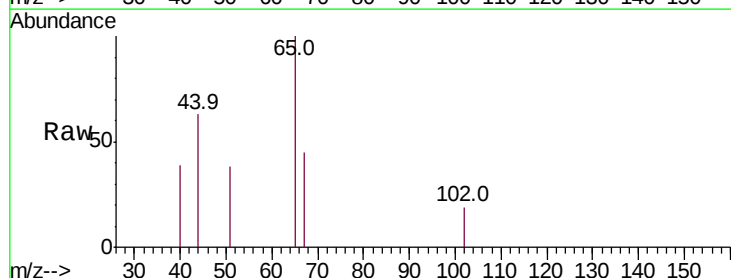
Acq: 21 Nov 2018 13:12

Tgt Ion: 65 Resp: 3776

Ion Ratio Lower Upper

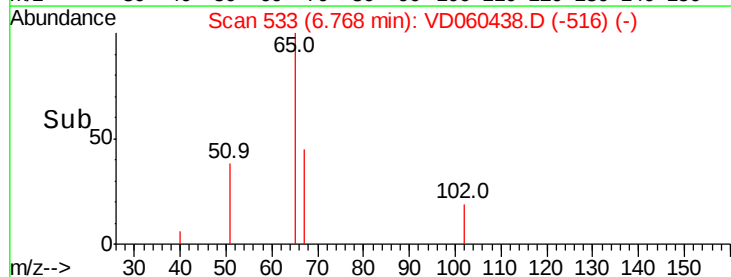
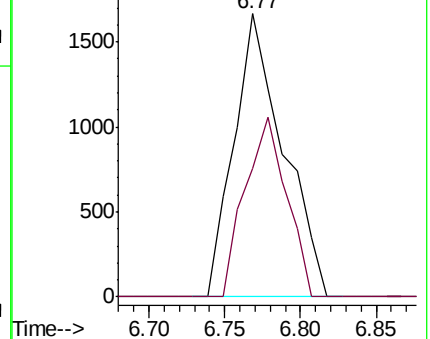
65 100

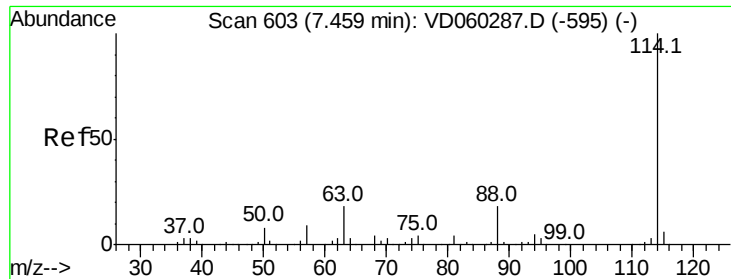
67 45.4 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

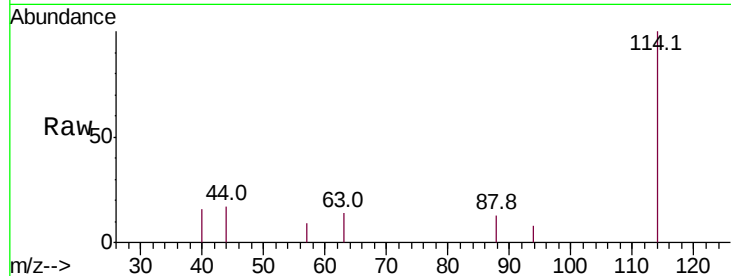




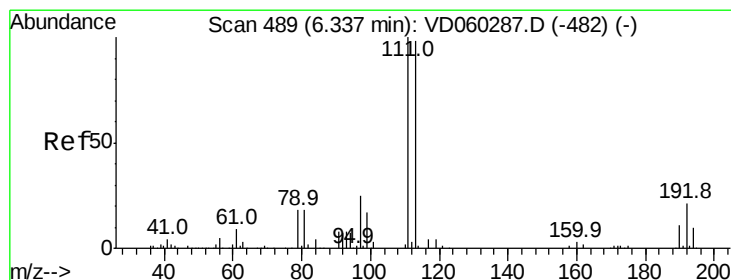
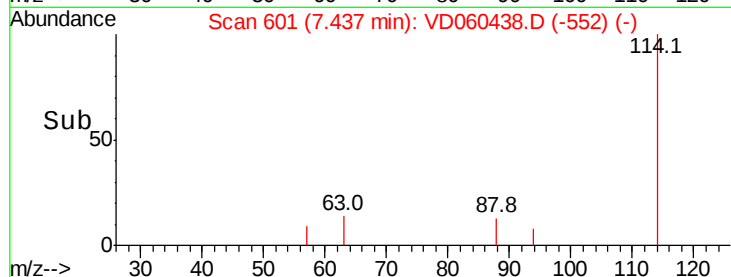
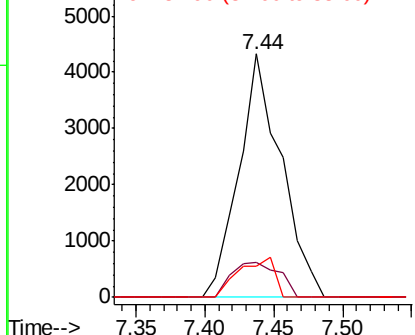
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: VD060438.D
 Acq: 21 Nov 2018 13:12

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-02(21-23)RE

Tot Ion:114 Resp: 9215
 Ion Ratio Lower Upper
 114 100
 63 14.1 0.0 34.0
 88 12.8 0.0 35.4

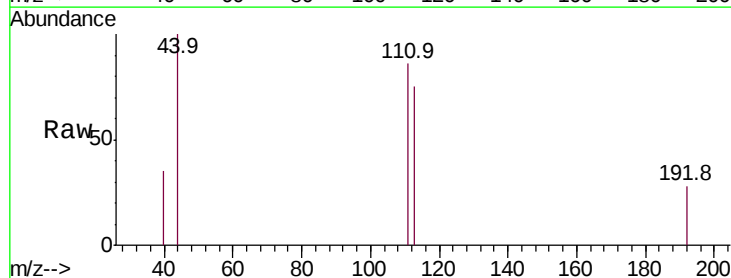


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

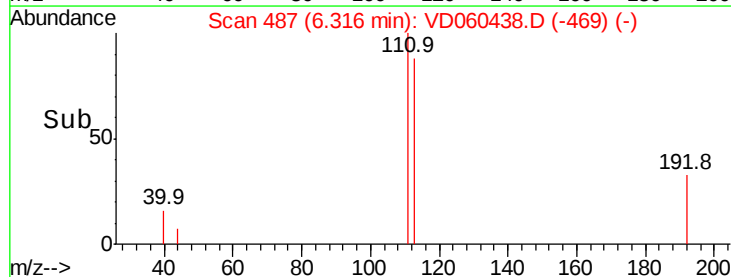
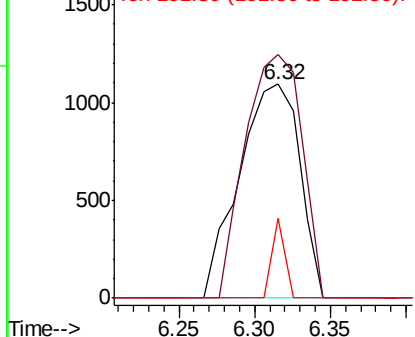


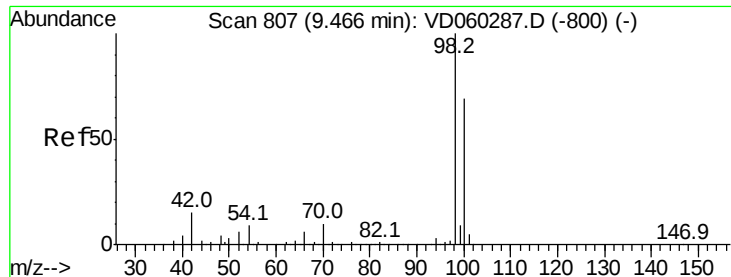
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: VD060438.D
 Acq: 21 Nov 2018 13:12

Tgt Ion:113 Resp: 3059
 Ion Ratio Lower Upper
 113 100
 111 113.9 81.6 122.4
 192 37.1 16.5 24.7#



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.45 min Scan# 806

Delta R.T. -0.01 min

Lab File: VD060438.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_D

ClientSampleId :

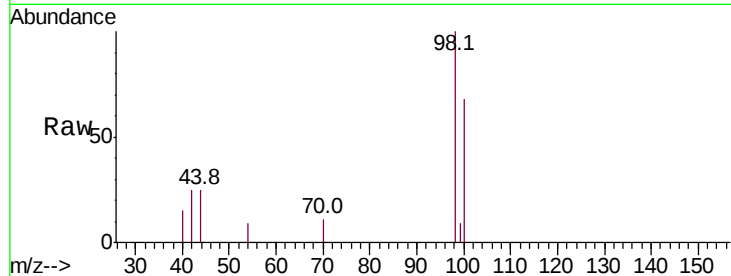
FDSB-02(21-23)RE

Tot Ion: 98 Resp: 10005

Ion Ratio Lower Upper

98 100

100 68.2 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

5000

4000

3000

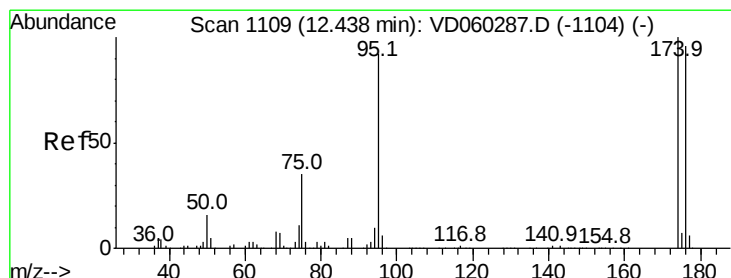
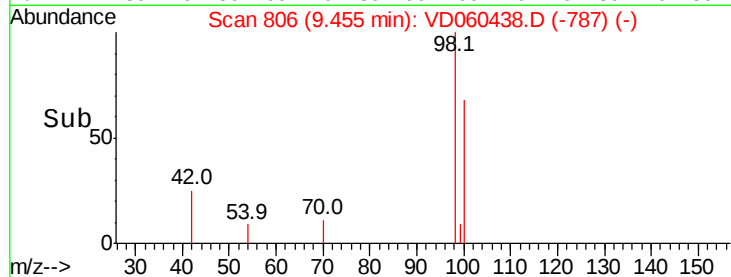
2000

1000

0

9.40 9.45 9.50 9.55

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060438.D

Acq: 21 Nov 2018 13:12

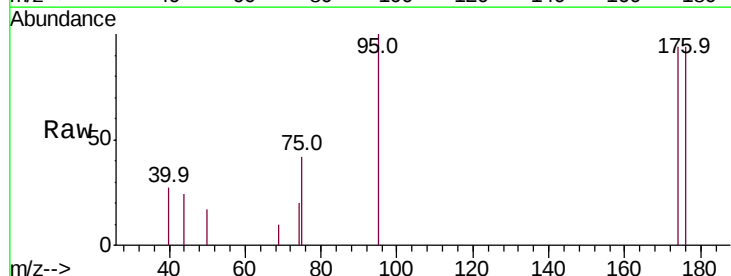
Tgt Ion: 95 Resp: 3472

Ion Ratio Lower Upper

95 100

174 94.1 0.0 160.8

176 94.4 0.0 154.6



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

4000

3000

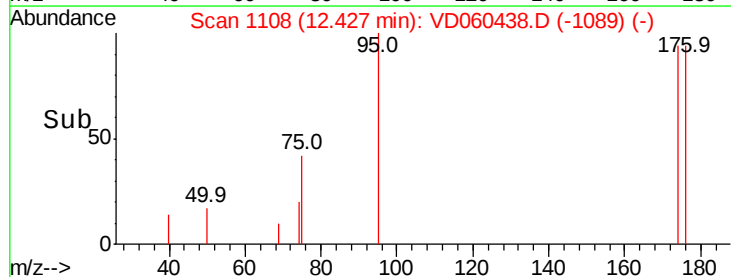
2000

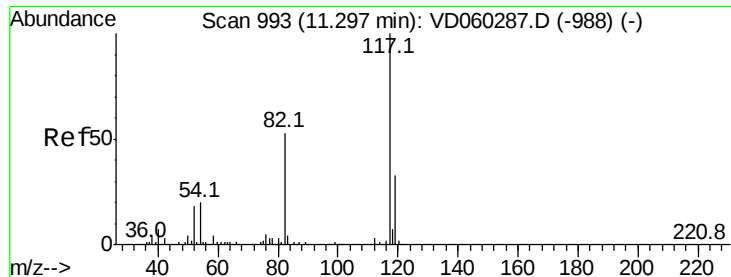
1000

0

12.40 12.43 12.45

Time-->

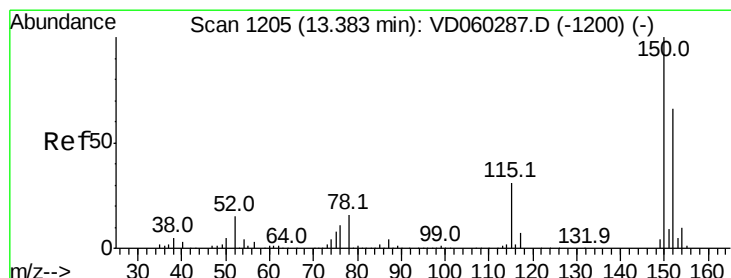
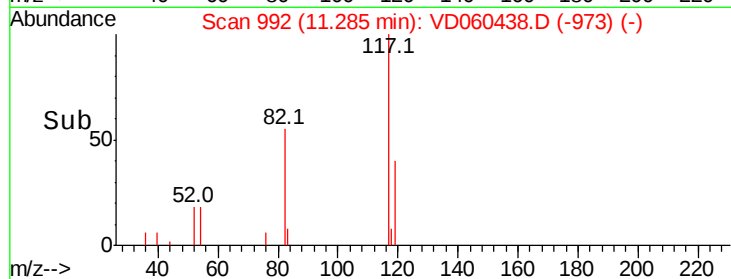
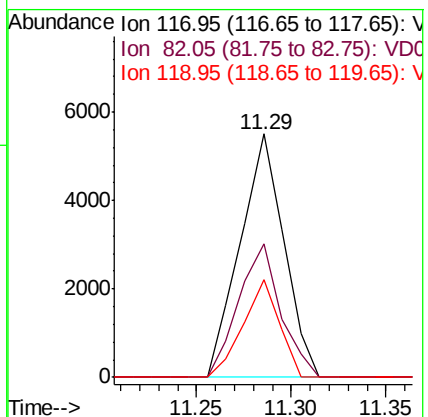
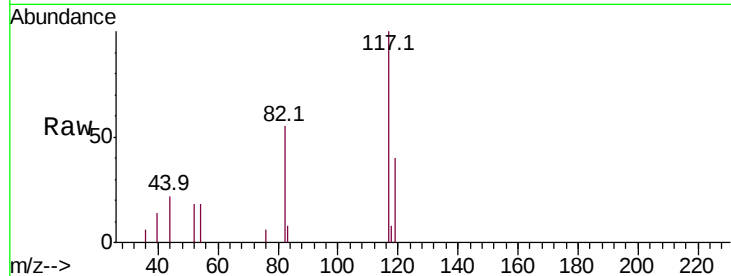




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060438.D
Acq: 21 Nov 2018 13:12

Instrument :
MSVOA_D
ClientSampleId :
FDSB-02(21-23)RE

Tot Ion:117 Resp: 8813
Ion Ratio Lower Upper
117 100
82 54.6 43.7 65.5
119 40.1 26.1 39.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060438.D
Acq: 21 Nov 2018 13:12

Tgt Ion:152 Resp: 4037
Ion Ratio Lower Upper
152 100
115 59.5 24.1 72.3
150 173.3 0.0 310.6

