

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112618\
 Data File : VD060452.D
 Acq On : 26 Nov 2018 13:32
 Operator : VA/AP
 Sample : J5918-02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)

Quant Time: Nov 26 15:12:23 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

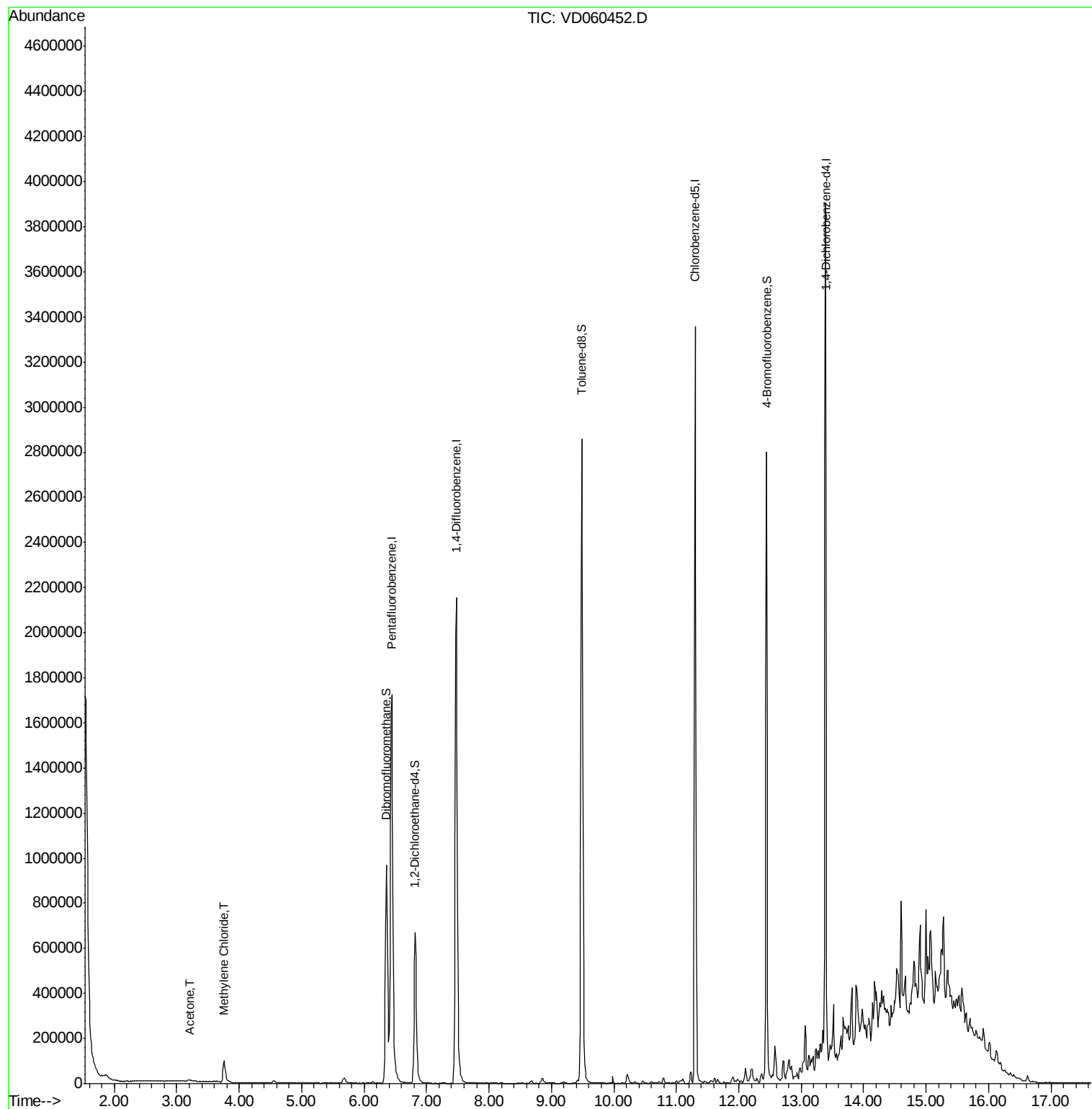
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.44	168	1769193	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.48	114	2339402	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.30	117	1846444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.39	152	898365	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.82	65	553295	43.68	ug/l	0.02
Spiked Amount 50.000			Recovery	=	87.36%	
35) Dibromofluoromethane	6.35	113	801939	45.97	ug/l	0.02
Spiked Amount 50.000			Recovery	=	91.94%	
50) Toluene-d8	9.48	98	2360466	46.23	ug/l	0.02
Spiked Amount 50.000			Recovery	=	92.46%	
62) 4-Bromofluorobenzene	12.45	95	803901	43.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.90%	
Target Compounds						
16) Acetone	3.19	43	21631	9.844	ug/l	96
20) Methylene Chloride	3.76	84	62121	3.187	ug/l	98

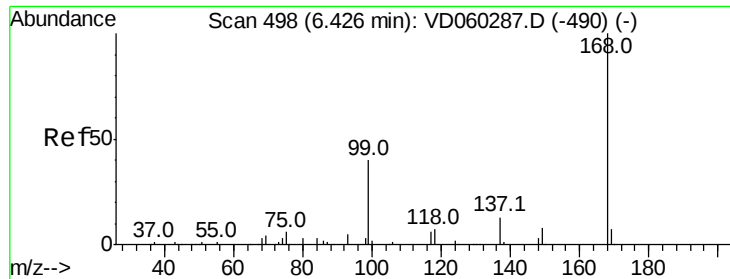
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.44 min Scan# 500

Delta R.T. 0.02 min

Lab File: VD060452.D

Acq: 26 Nov 2018 13:32

Instrument :

MSVOA_D

ClientSampleId :

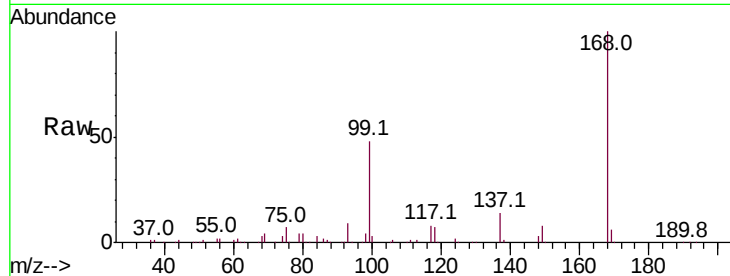
FDSB-05(25-27)

Tot Ion:168 Resp: 1769193

Ion Ratio Lower Upper

168 100

99 47.7 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.44

600000

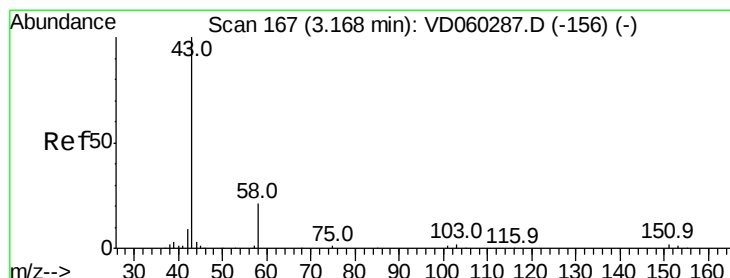
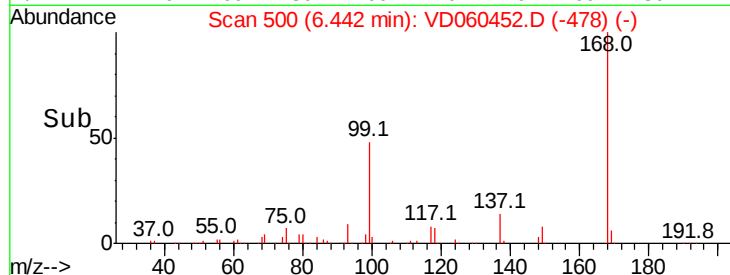
400000

200000

0

6.30 6.40 6.50 6.60

Time-->



#16

Acetone

Concen: 9.844 ug/l

RT: 3.19 min Scan# 170

Delta R.T. 0.03 min

Lab File: VD060452.D

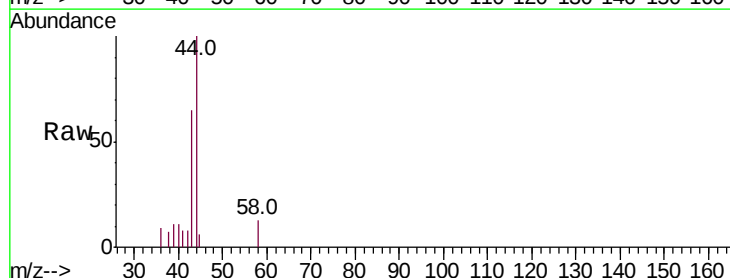
Acq: 26 Nov 2018 13:32

Tgt Ion: 43 Resp: 21631

Ion Ratio Lower Upper

43 100

58 19.4 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.19

5000

4000

3000

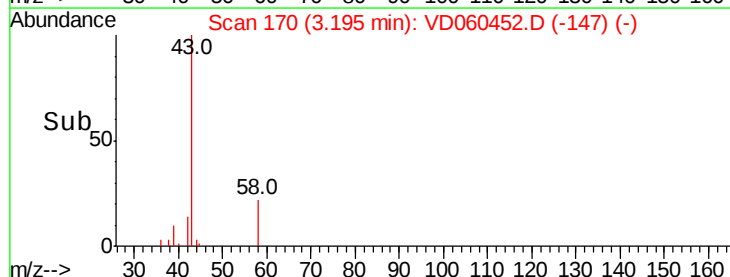
2000

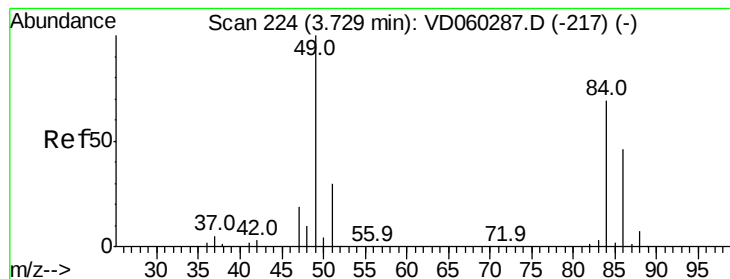
1000

0

3.10 3.20 3.30

Time-->





#20

Methylene Chloride

Concen: 3.187 ug/l

RT: 3.76 min Scan# 227

Delta R.T. 0.03 min

Lab File: VD060452.D

Acq: 26 Nov 2018 13:32

Instrument :

MSVOA_D

ClientSampleId :

FDSB-05(25-27)

Tot Ion: 84 Resp: 62121

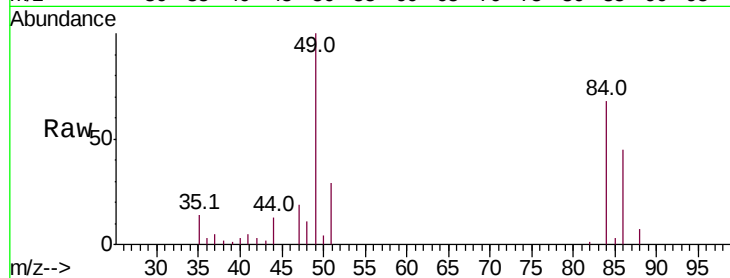
Ion Ratio Lower Upper

84 100

49 146.6 115.6 173.4

51 43.2 35.6 53.4

86 66.3 52.3 78.5

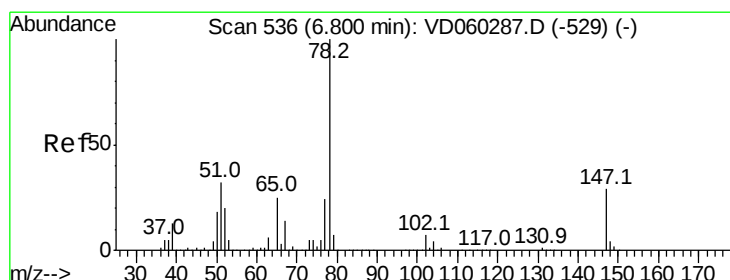
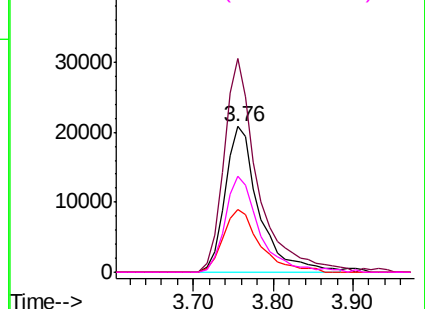
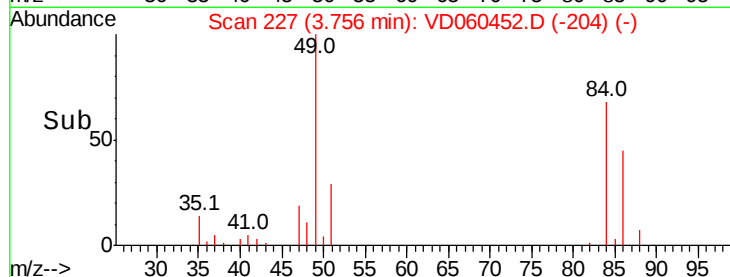


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.82 min Scan# 538

Delta R.T. 0.02 min

Lab File: VD060452.D

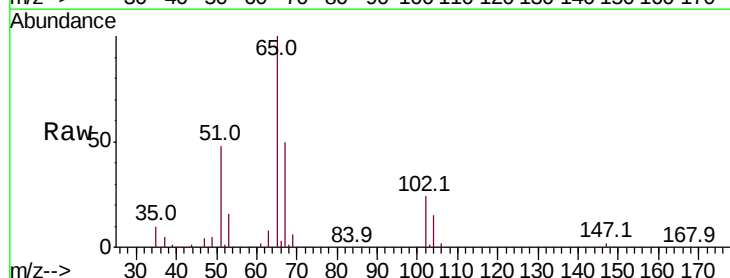
Acq: 26 Nov 2018 13:32

Tgt Ion: 65 Resp: 553295

Ion Ratio Lower Upper

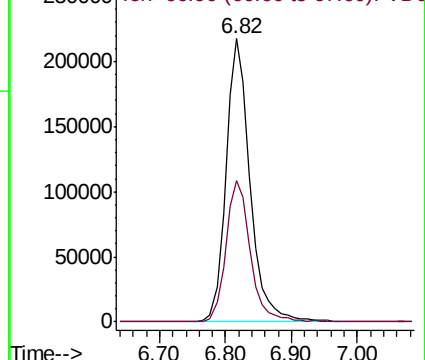
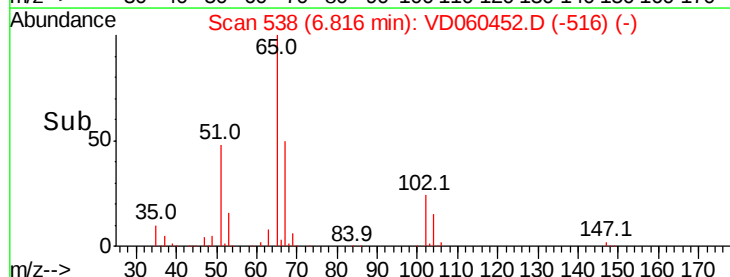
65 100

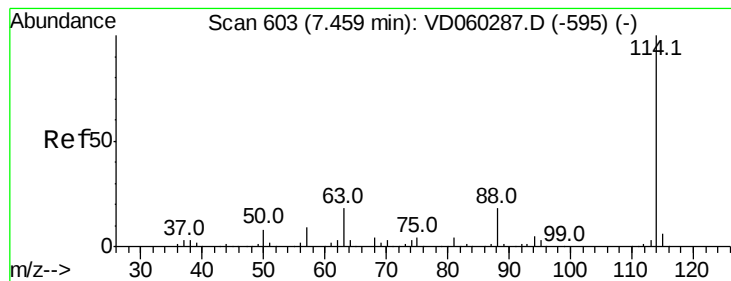
67 49.9 0.0 109.8



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: 7.48 min Scan# 605

Delta R.T. 0.02 min

Lab File: VD060452.D

Acq: 26 Nov 2018 13:32

Instrument :

MSVOA_D

ClientSampleId :

FDSB-05(25-27)

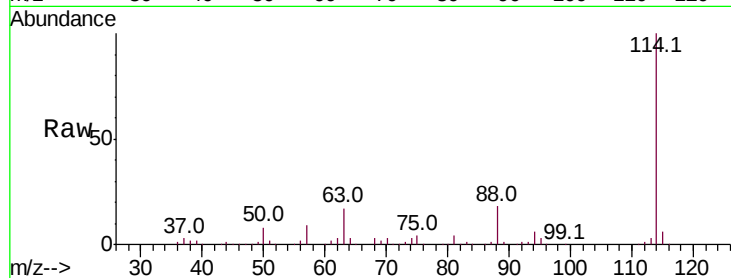
Tot Ion:114 Resp: 2339402

Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.0

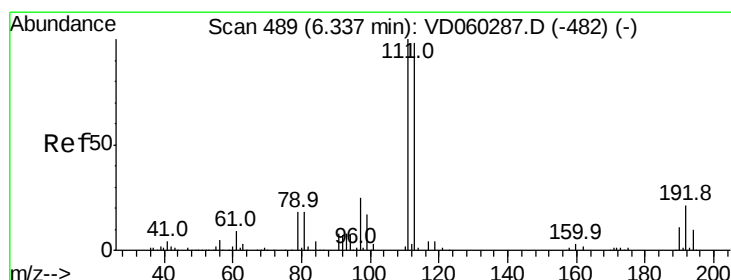
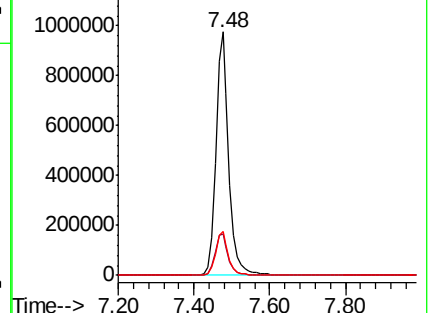
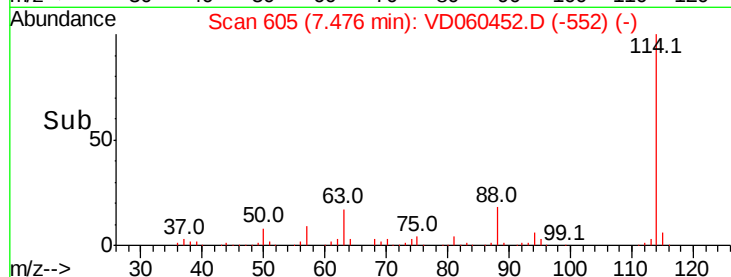
88 17.8 0.0 35.4



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: 6.35 min Scan# 491

Delta R.T. 0.02 min

Lab File: VD060452.D

Acq: 26 Nov 2018 13:32

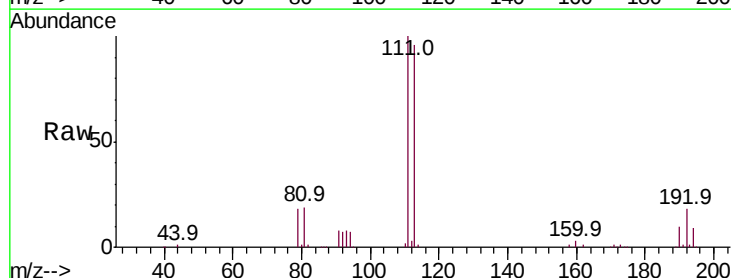
Tgt Ion:113 Resp: 801939

Ion Ratio Lower Upper

113 100

111 104.5 81.6 122.4

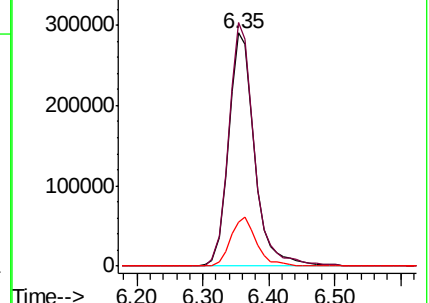
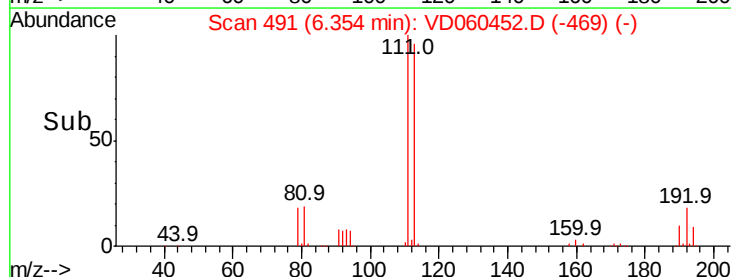
192 19.1 16.5 24.7

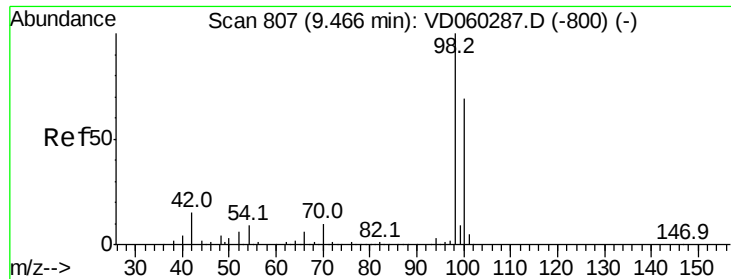


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

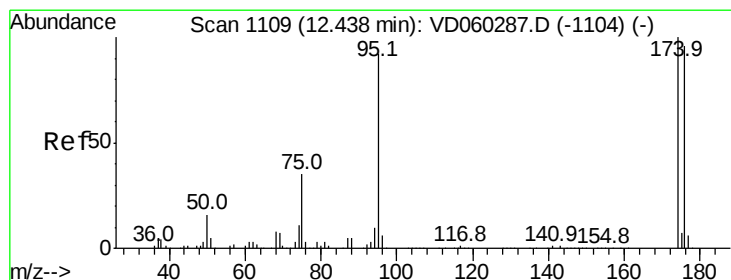
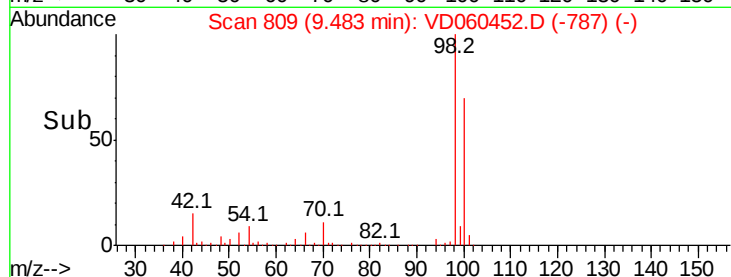
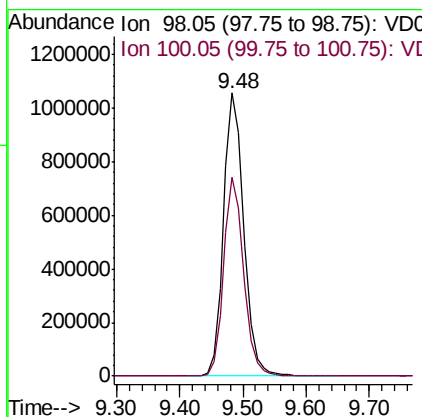
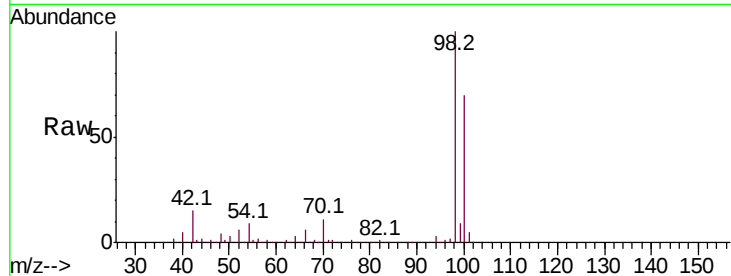




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.48 min Scan# 809
Delta R.T. 0.02 min
Lab File: VD060452.D
Acq: 26 Nov 2018 13:32

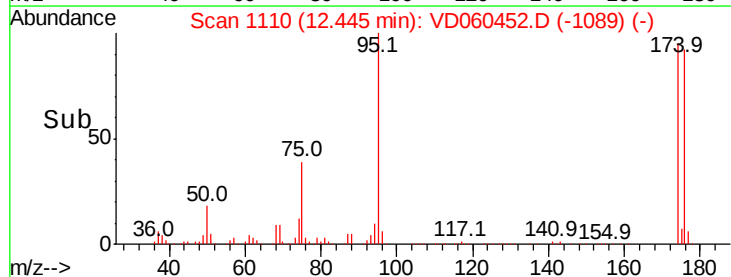
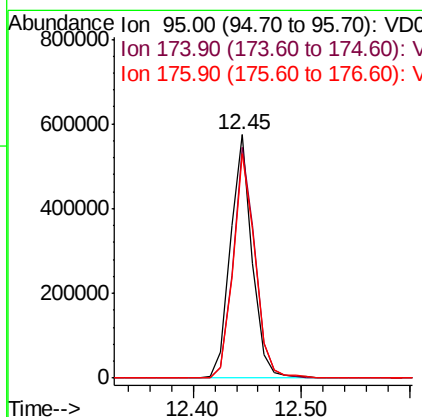
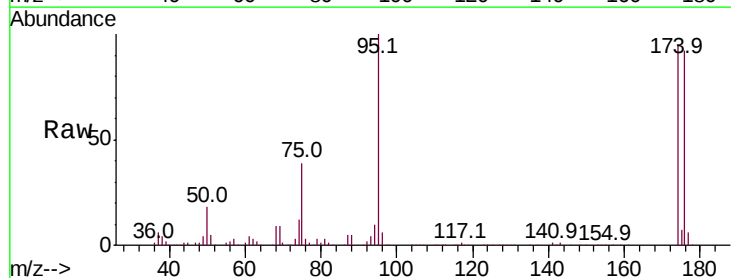
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FDSB-05(25-27)

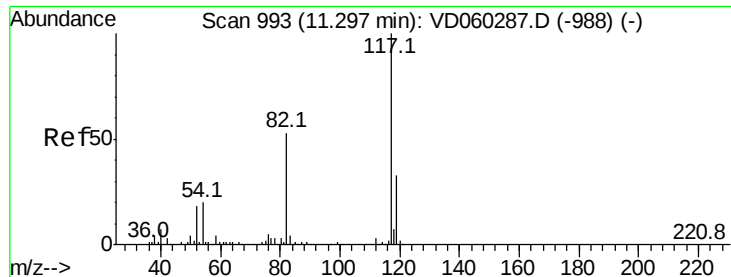
Tot Ion: 98 Resp: 2360466
Ion Ratio Lower Upper
98 100
100 70.2 55.2 82.8



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.45 min Scan# 1110
Delta R.T. 0.01 min
Lab File: VD060452.D
Acq: 26 Nov 2018 13:32

Tgt Ion: 95 Resp: 803901
Ion Ratio Lower Upper
95 100
174 94.7 0.0 160.8
176 92.0 0.0 154.6

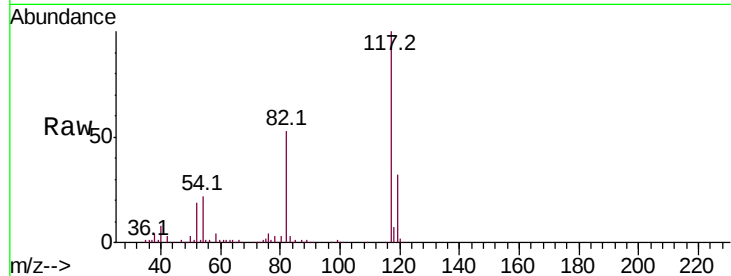




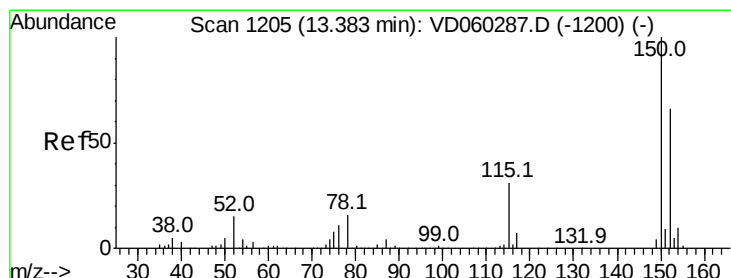
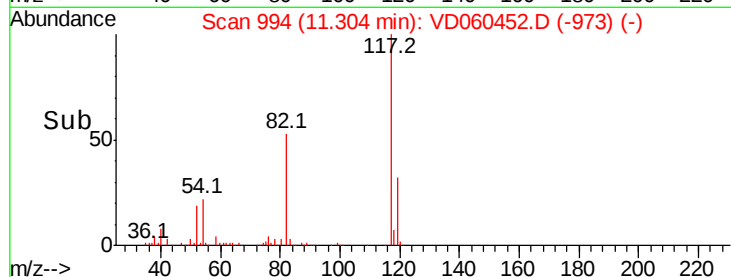
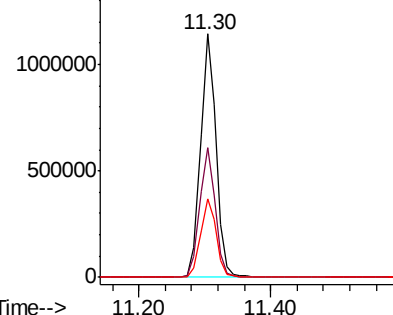
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.30 min Scan# 994
Delta R.T. 0.01 min
Lab File: VD060452.D
Acq: 26 Nov 2018 13:32

Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)

Tot Ion:117 Resp: 1846444
Ion Ratio Lower Upper
117 100
82 53.1 43.7 65.5
119 32.1 26.1 39.1

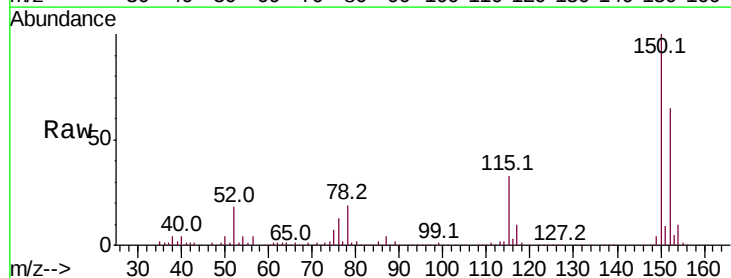


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.39 min Scan# 1206
Delta R.T. 0.01 min
Lab File: VD060452.D
Acq: 26 Nov 2018 13:32

Tgt Ion:152 Resp: 898365
Ion Ratio Lower Upper
152 100
115 51.1 24.1 72.3
150 152.8 0.0 310.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

