

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112118\
 Data File : VD060442.D
 Acq On : 21 Nov 2018 15:05
 Operator : JC/SY
 Sample : J5967-04
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-14(16-18)

Quant Time: Nov 22 03:42:00 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	6.41	168	1540861	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.45	114	2161606	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	1708439	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	886405	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	575801	52.19	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.38%	
35) Dibromofluoromethane	6.32	113	762304	47.29	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.58%	
50) Toluene-d8	9.46	98	2166215	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	
62) 4-Bromofluorobenzene	12.44	95	799238	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	

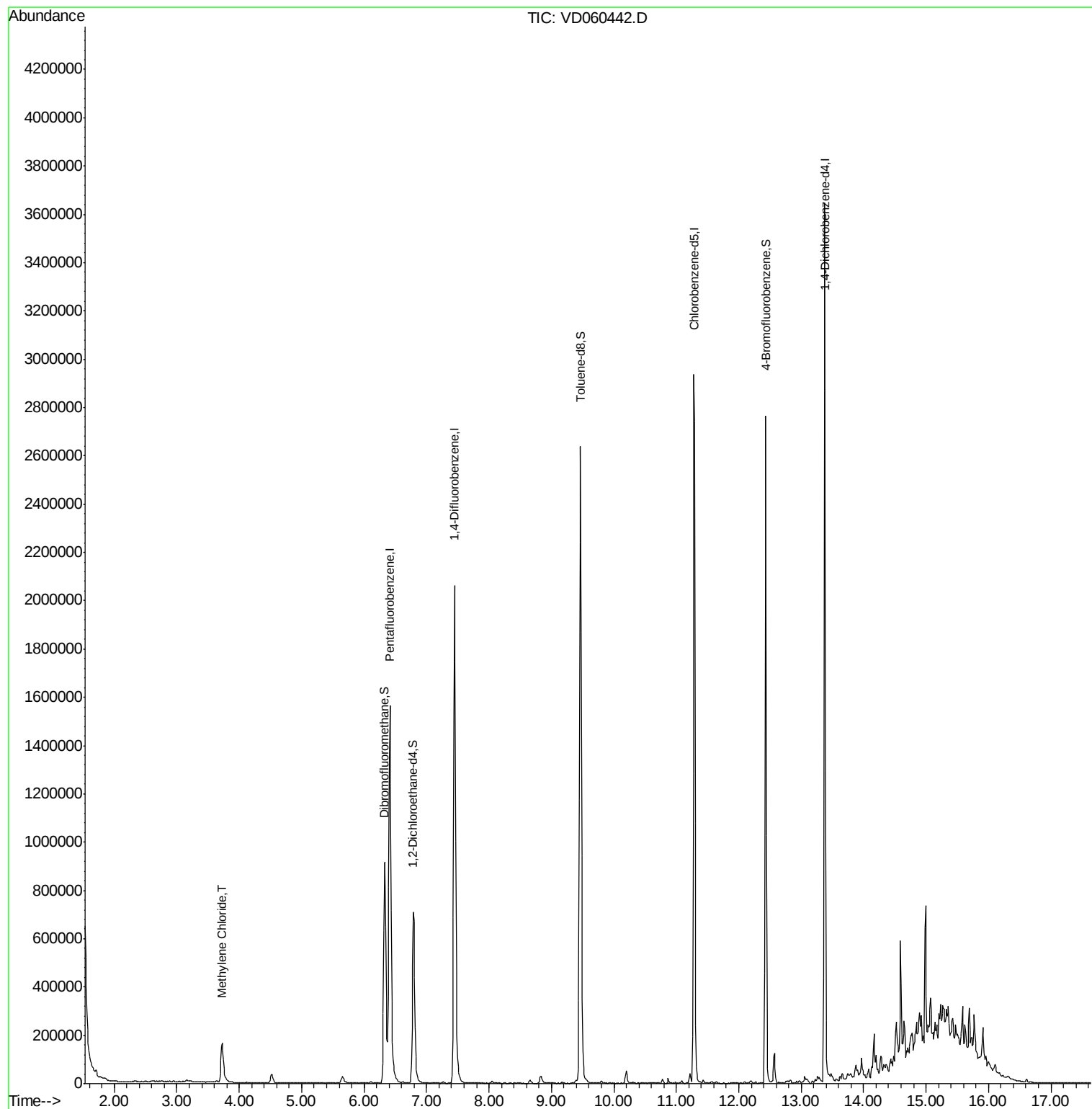
Target Compounds						Qvalue
20) Methylene Chloride	3.73	84	108178	6.37	ug/l	98

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

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Quant Title : SW846 8260
QLast Update : Mon Nov 19 16:31:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060442.D

Acq: 21 Nov 2018 15:05

Instrument :

MSVOA_D

ClientSampleId :

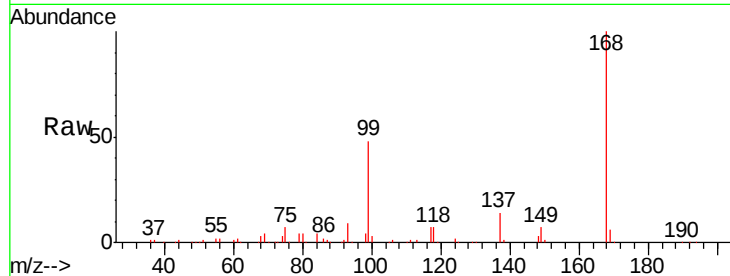
FDSB-14(16-18)

Tgt Ion:168 Resp: 1540861

Ion Ratio Lower Upper

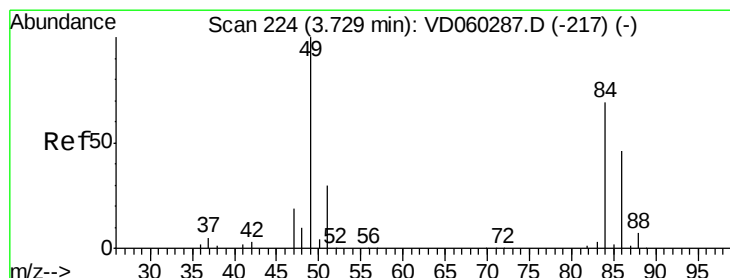
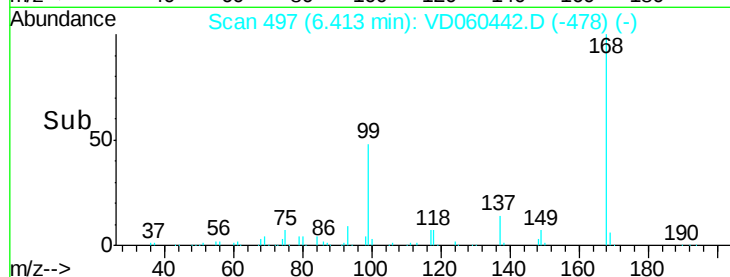
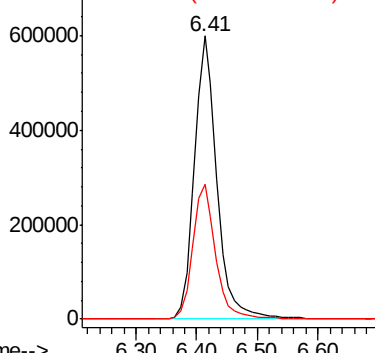
168 100

99 47.5 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 6.37 ug/l

RT: 3.73 min Scan# 224

Delta R.T. -0.00 min

Lab File: VD060442.D

Acq: 21 Nov 2018 15:05

Tgt Ion: 84 Resp: 108178

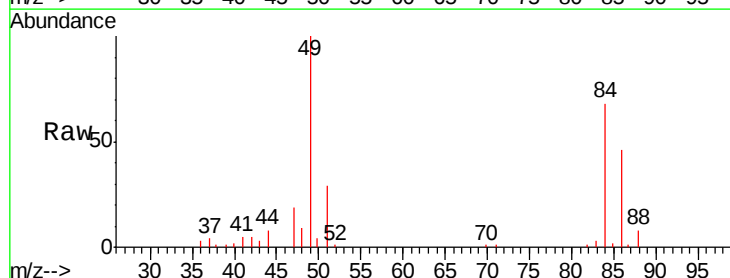
Ion Ratio Lower Upper

84 100

49 146.6 115.6 173.4

51 42.8 35.6 53.4

86 68.0 52.3 78.5

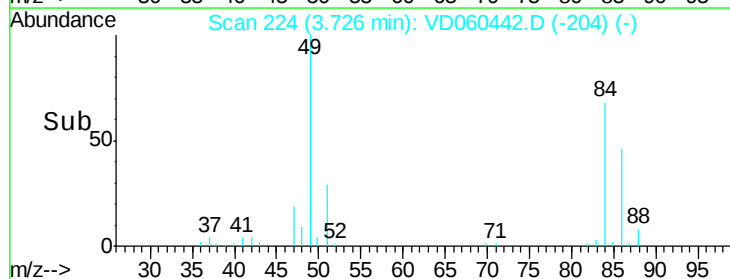
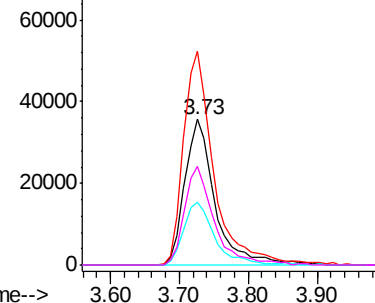


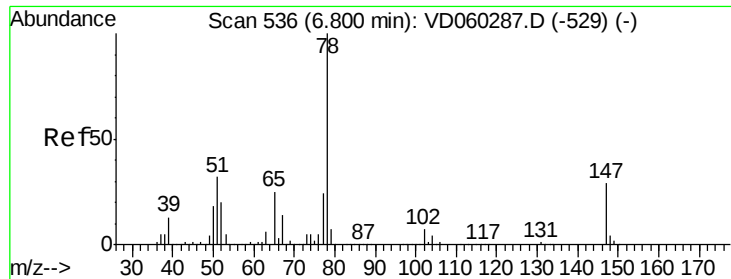
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: N.D. ug/l

RT: 6.79 min Scan# 535

Delta R.T. -0.01 min

Lab File: VD060442.D

Acq: 21 Nov 2018 15:05

Instrument :

MSVOA_D

ClientSampleId :

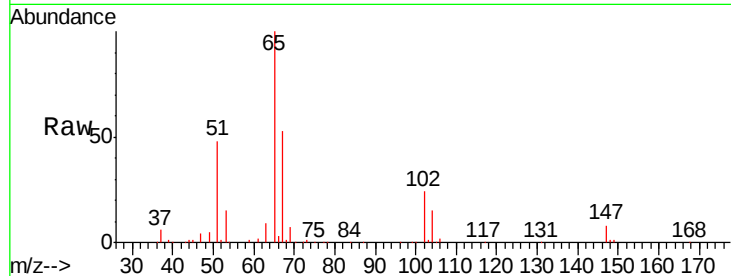
FDSB-14(16-18)

Tgt Ion: 65 Resp: 575801

Ion Ratio Lower Upper

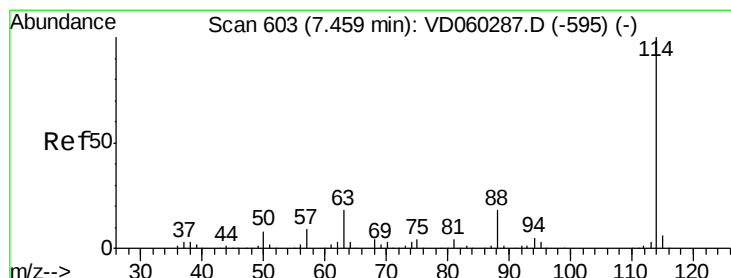
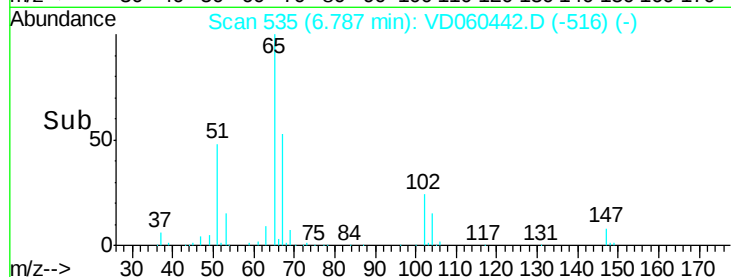
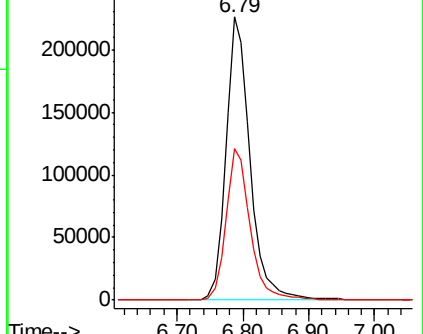
65 100

67 53.4 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: 50.00 ug/l

RT: 7.45 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD060442.D

Acq: 21 Nov 2018 15:05

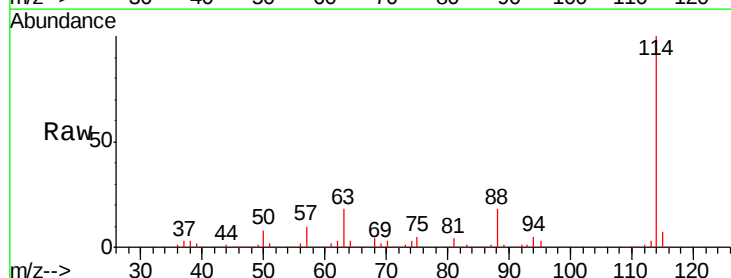
Tgt Ion: 114 Resp: 2161606

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.0

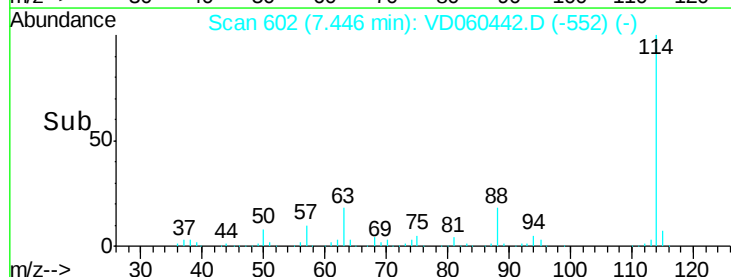
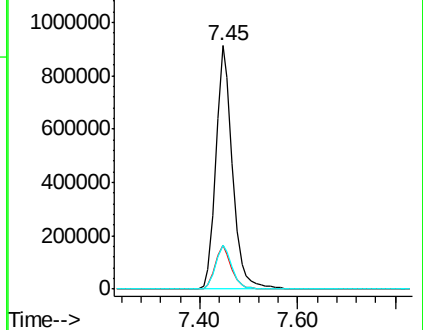
88 18.1 0.0 35.4

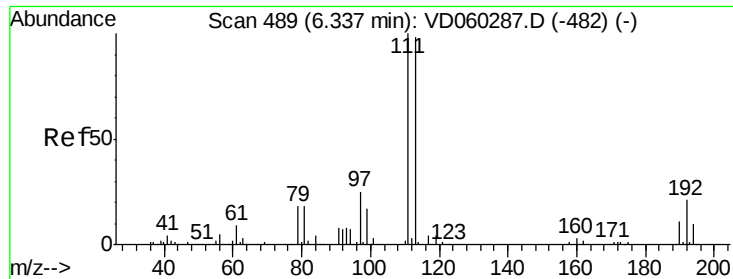


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.32 min Scan# 488

Delta R.T. -0.01 min

Lab File: VD060442.D

Acq: 21 Nov 2018 15:05

Instrument :

MSVOA_D

ClientSampleId :

FDSB-14(16-18)

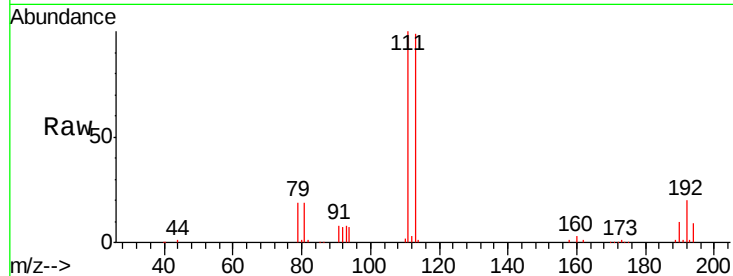
Tgt Ion:113 Resp: 762304

Ion Ratio Lower Upper

113 100

111 101.4 81.6 122.4

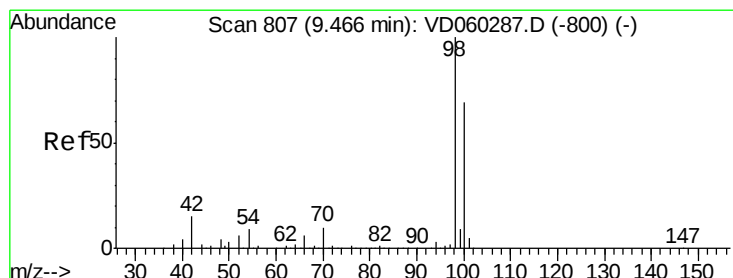
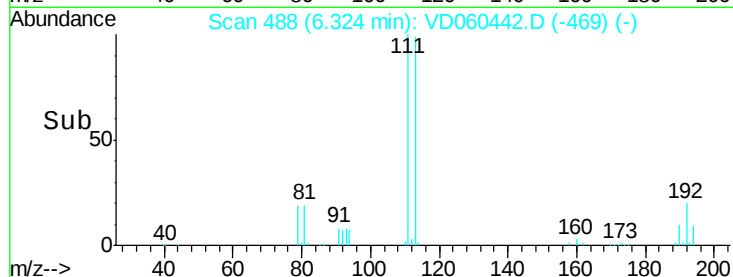
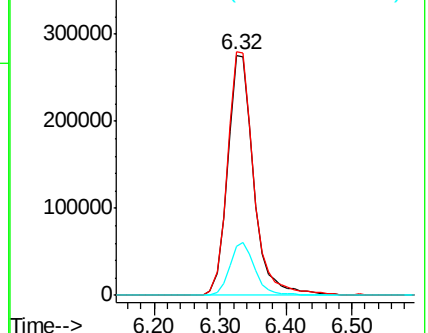
192 20.2 16.5 24.7



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: 9.46 min Scan# 807

Delta R.T. -0.00 min

Lab File: VD060442.D

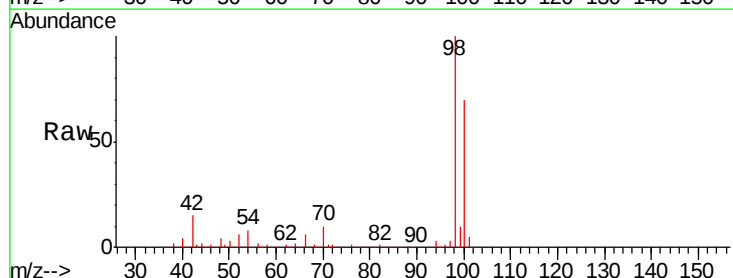
Acq: 21 Nov 2018 15:05

Tgt Ion: 98 Resp: 2166215

Ion Ratio Lower Upper

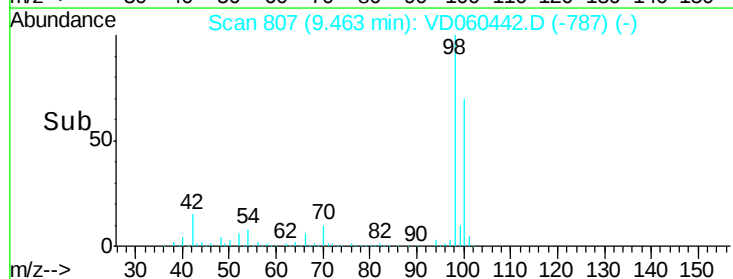
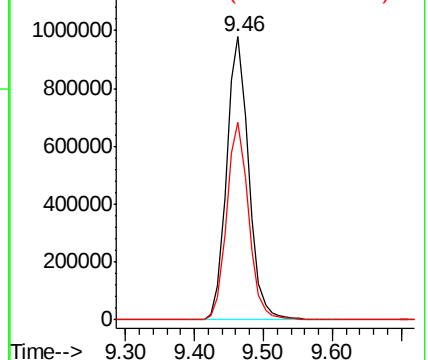
98 100

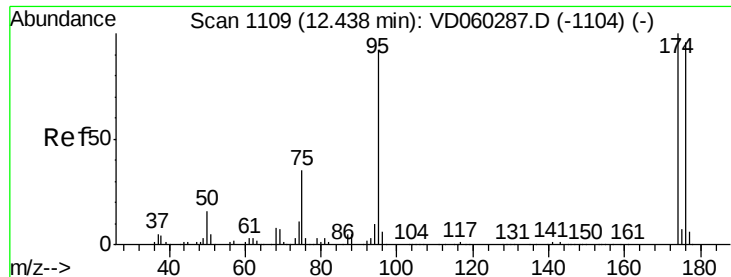
100 69.9 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

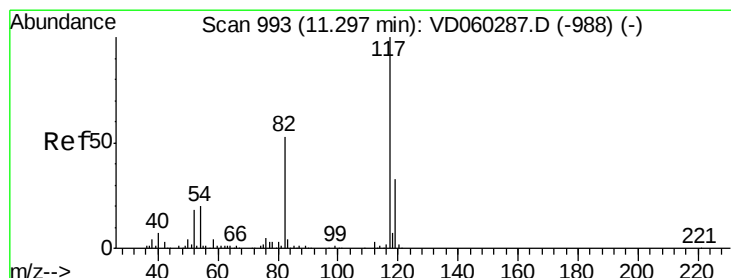
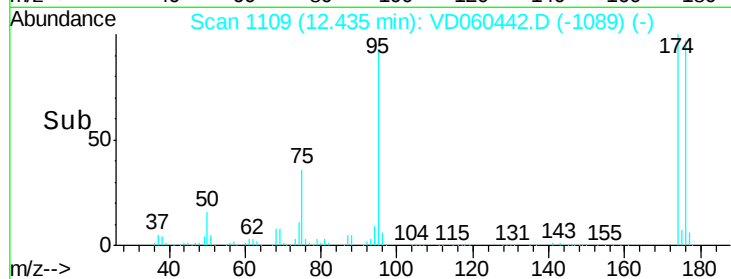
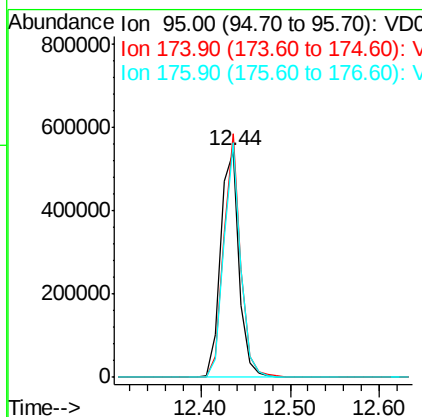
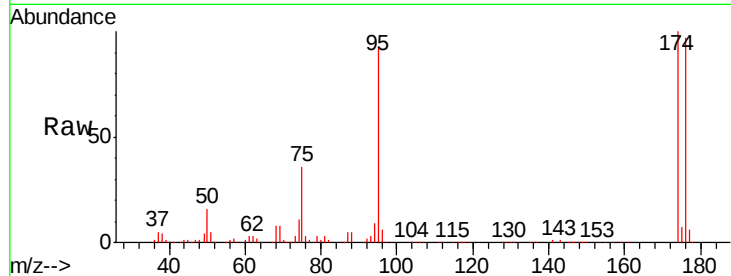




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.44 min Scan# 1109
Delta R.T. -0.00 min
Lab File: VD060442.D
Acq: 21 Nov 2018 15:05

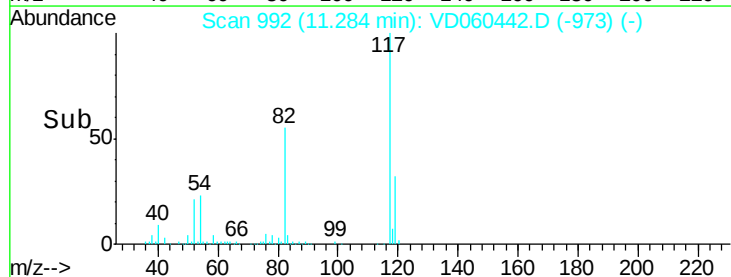
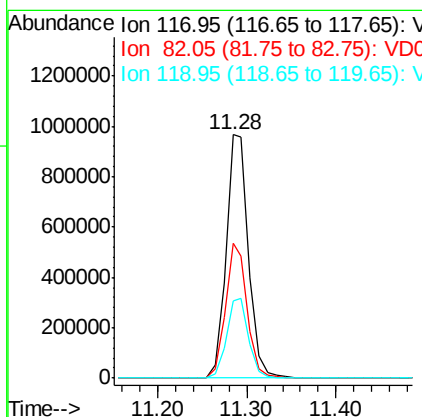
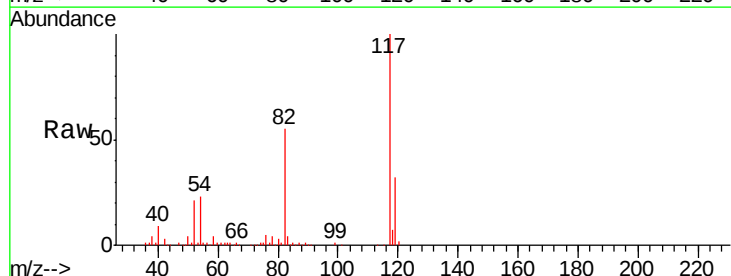
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FDSB-14(16-18)

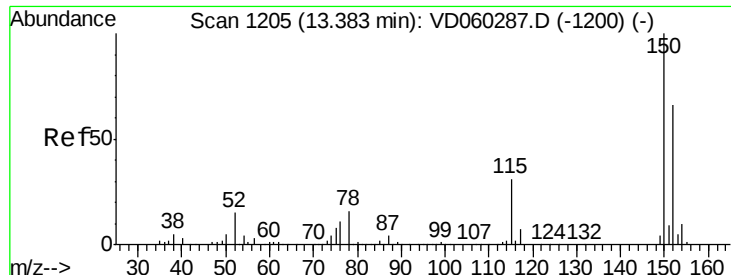
Tgt Ion: 95 Resp: 799238
Ion Ratio Lower Upper
95 100
174 107.7 0.0 160.8
176 103.9 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.28 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060442.D
Acq: 21 Nov 2018 15:05

Tgt Ion: 117 Resp: 1708439
Ion Ratio Lower Upper
117 100
82 55.5 43.7 65.5
119 31.7 26.1 39.1

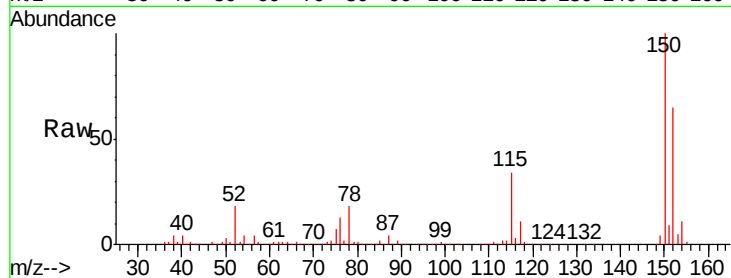




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.38 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: VD060442.D
 Acq: 21 Nov 2018 15:05

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-14(16-18)

Tgt Ion	Ratio	Lower	Upper
152	100		
115	51.6	24.1	72.3
150	153.6	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

