

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111918\
 Data File : VD060418.D
 Acq On : 19 Nov 2018 16:42
 Operator : JC/SY
 Sample : J5951-04
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-04(26.5-28.5)

Quant Time: Nov 20 14:15:23 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

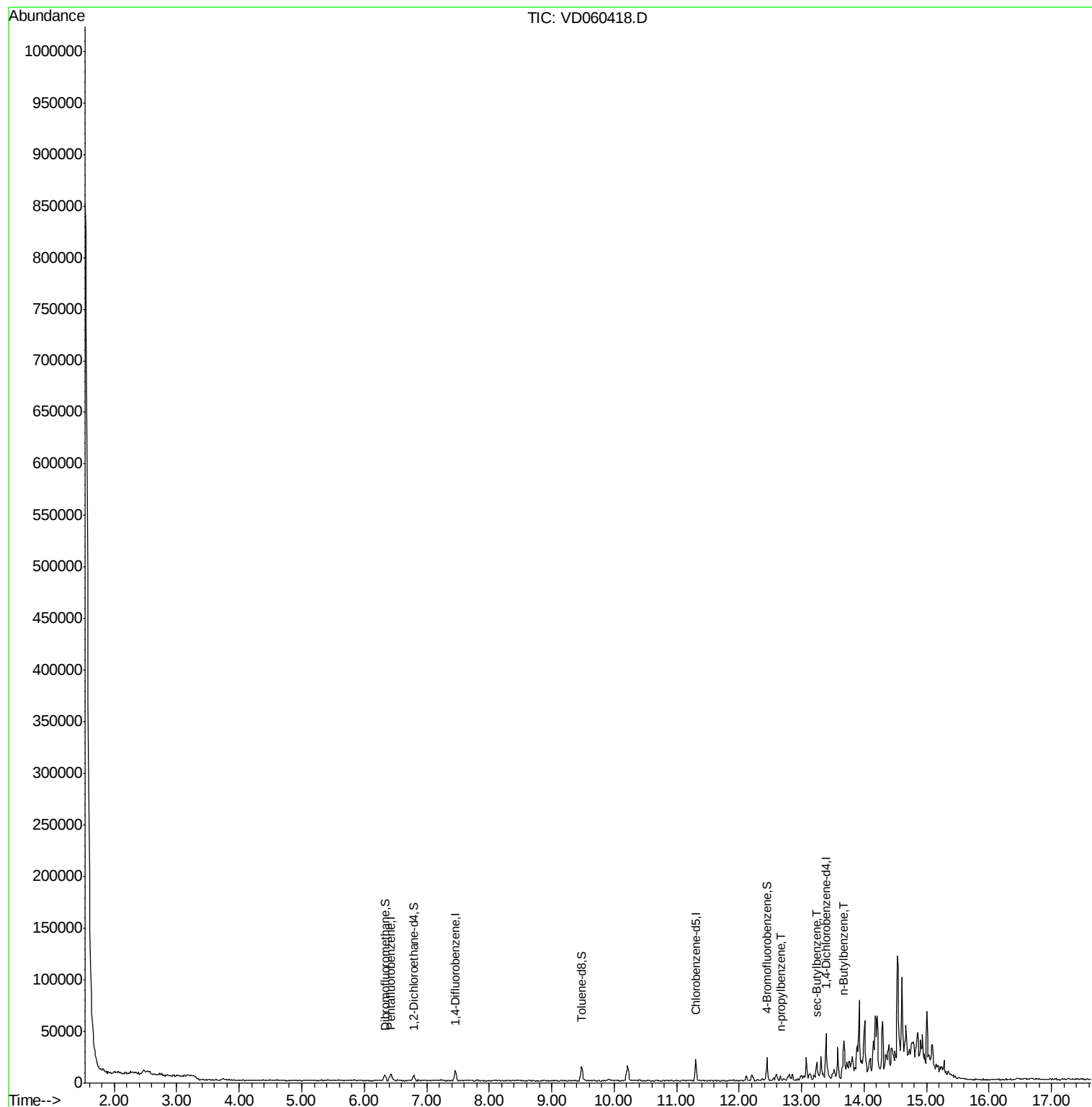
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	8599	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.46	114	13939	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.30	117	12921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.39	152	7160	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	4747	77.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	154.20%	
35) Dibromofluoromethane	6.32	113	5056	48.64	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	9.47	98	13935	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
62) 4-Bromofluorobenzene	12.45	95	5381	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
Target Compounds						
78) n-propylbenzene	12.66	91	4164	6.395	ug/l	90
85) sec-Butylbenzene	13.24	105	4383	7.937	ug/l	99
89) n-Butylbenzene	13.67	91	8019	16.005	ug/l	85

(#) = 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: 50.000 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060418.D

Acq: 19 Nov 2018 16:42

Instrument :

MSVOA_D

ClientSampleId :

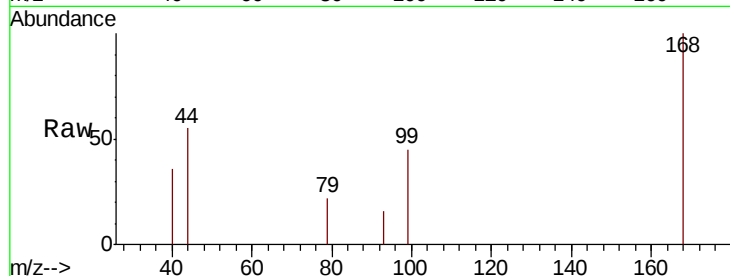
FDSB-04(26.5-28.5)

Tot Ion:168 Resp: 8599

Ion Ratio Lower Upper

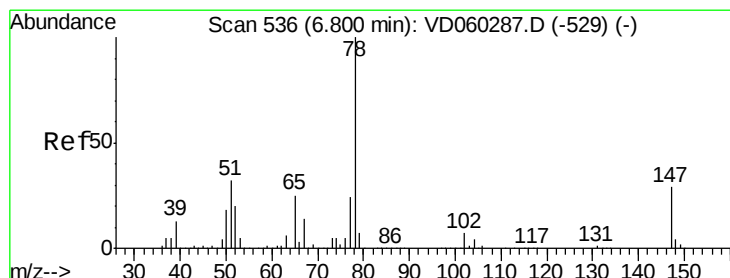
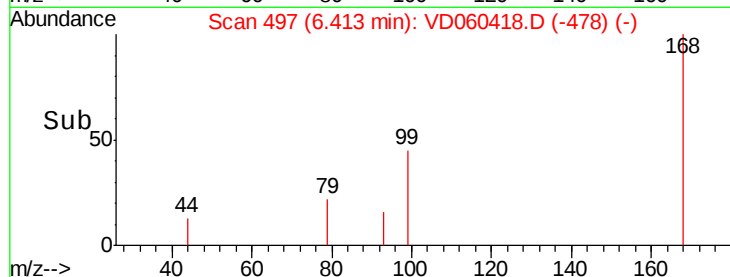
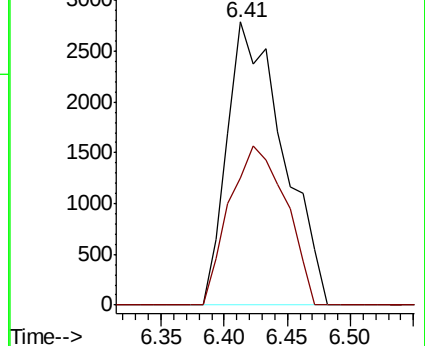
168 100

99 44.8 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: 6.80 min Scan# 536

Delta R.T. -0.00 min

Lab File: VD060418.D

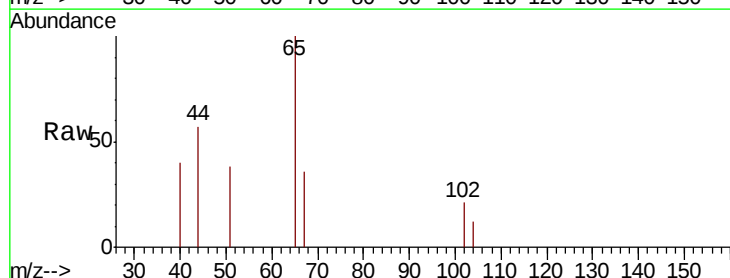
Acq: 19 Nov 2018 16:42

Tgt Ion: 65 Resp: 4747

Ion Ratio Lower Upper

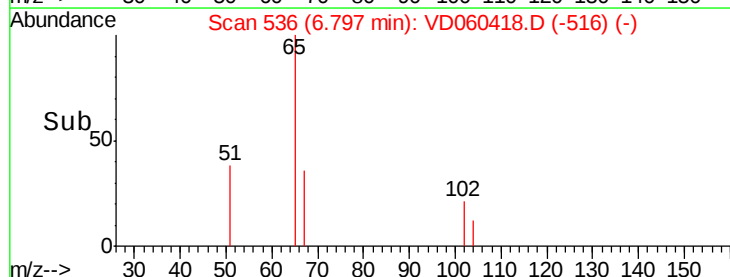
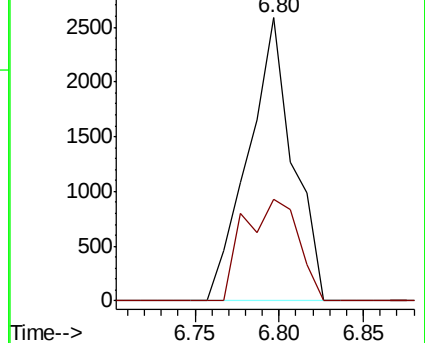
65 100

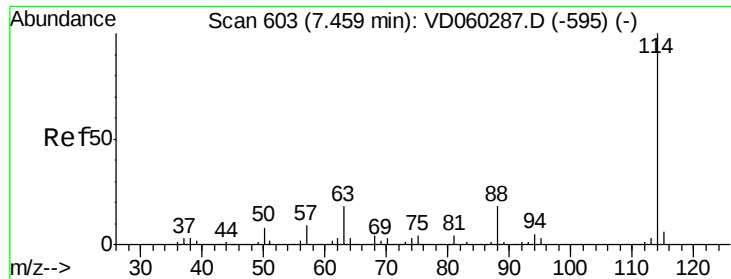
67 36.0 0.0 109.8



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: 7.46 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD060418.D

Acq: 19 Nov 2018 16:42

Instrument :

MSVOA_D

ClientSampleId :

FDSB-04(26.5-28.5)

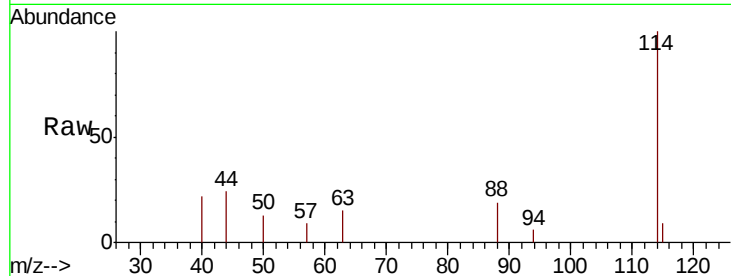
Tot Ion:114 Resp: 13939

Ion Ratio Lower Upper

114 100

63 15.0 0.0 34.0

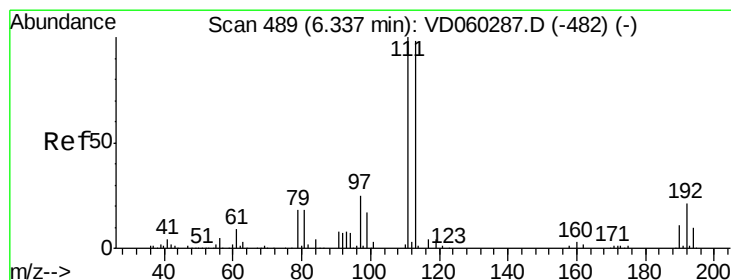
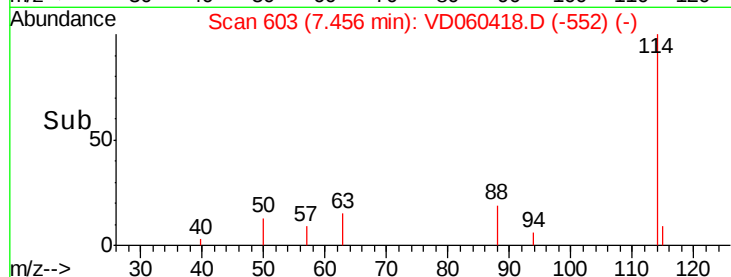
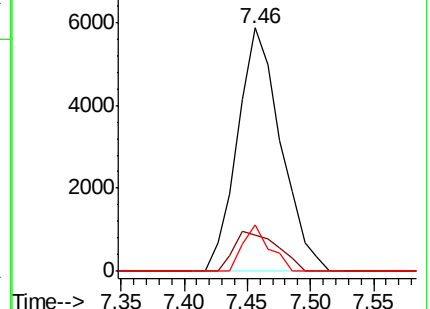
88 19.0 0.0 35.4



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# 488

Delta R.T. -0.01 min

Lab File: VD060418.D

Acq: 19 Nov 2018 16:42

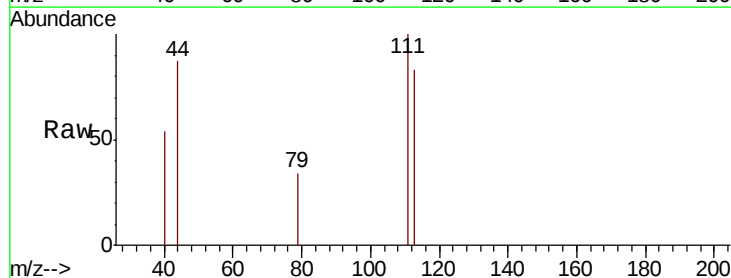
Tgt Ion:113 Resp: 5056

Ion Ratio Lower Upper

113 100

111 120.2 81.6 122.4

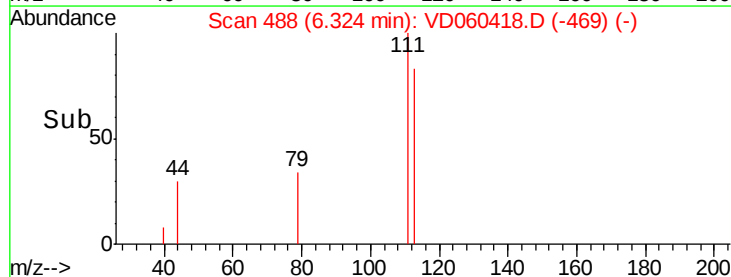
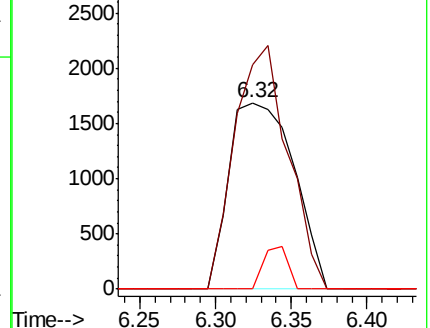
192 0.0 16.5 24.7#

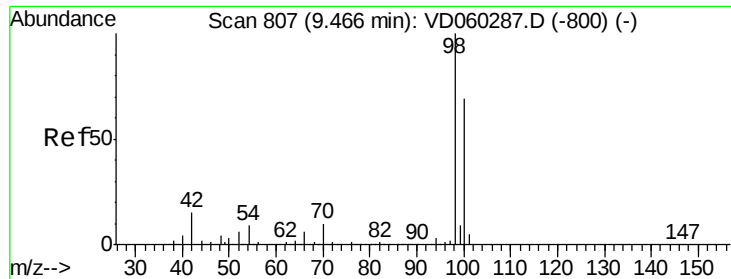


Abundance Ion 112.90 (112.60 to 113.60): V

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: 9.47 min Scan# 808

Delta R.T. 0.01 min

Lab File: VD060418.D

Acq: 19 Nov 2018 16:42

Instrument :

MSVOA_D

ClientSampleId :

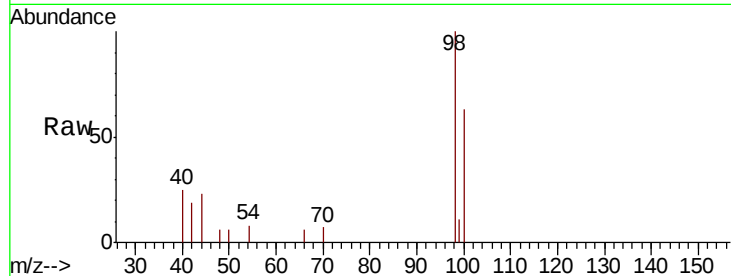
FDSB-04(26.5-28.5)

Tot Ion: 98 Resp: 13935

Ion Ratio Lower Upper

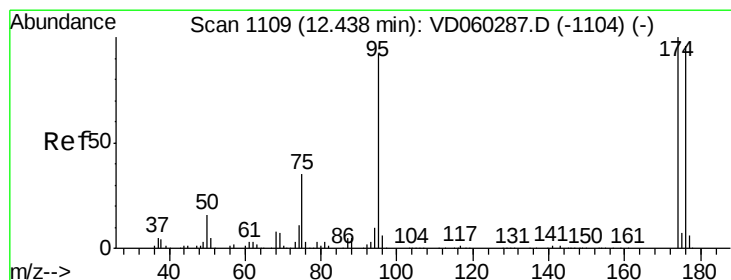
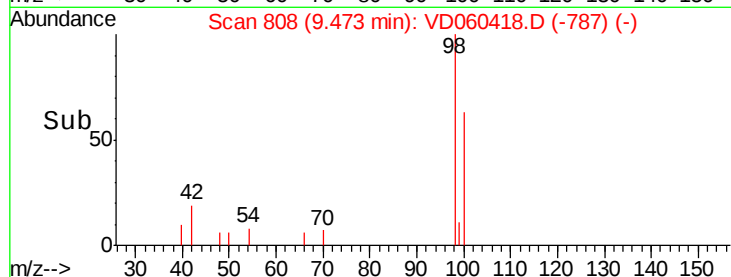
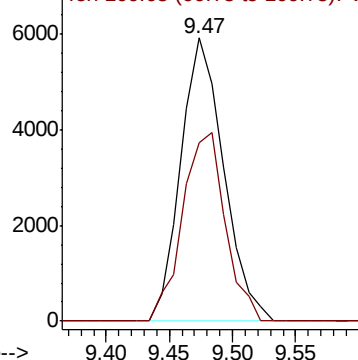
98 100

100 62.9 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.45 min Scan# 1110

Delta R.T. 0.01 min

Lab File: VD060418.D

Acq: 19 Nov 2018 16:42

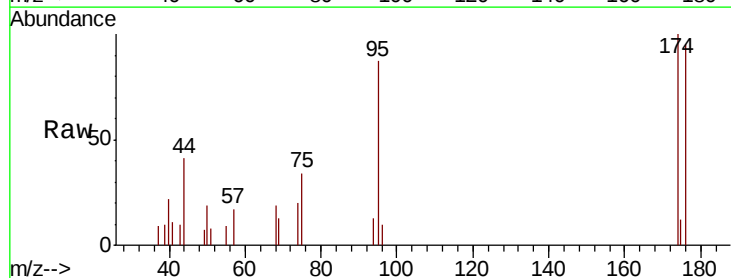
Tgt Ion: 95 Resp: 5381

Ion Ratio Lower Upper

95 100

174 114.6 0.0 160.8

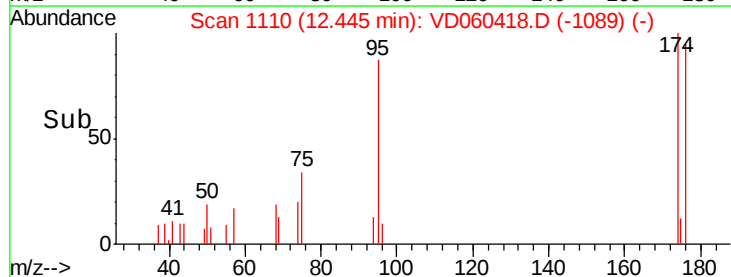
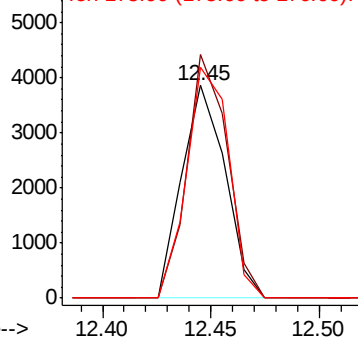
176 108.4 0.0 154.6

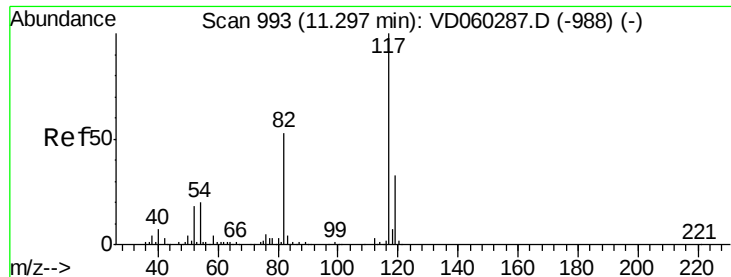


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

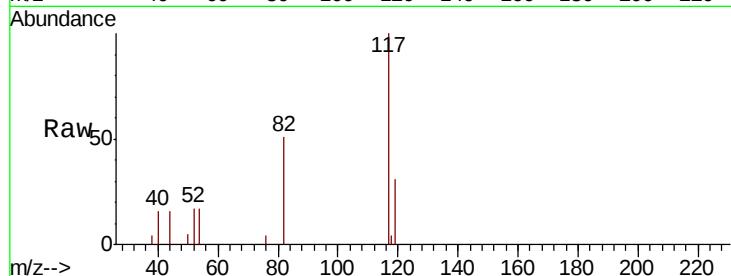




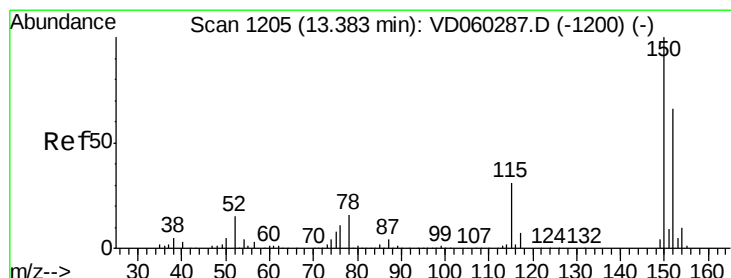
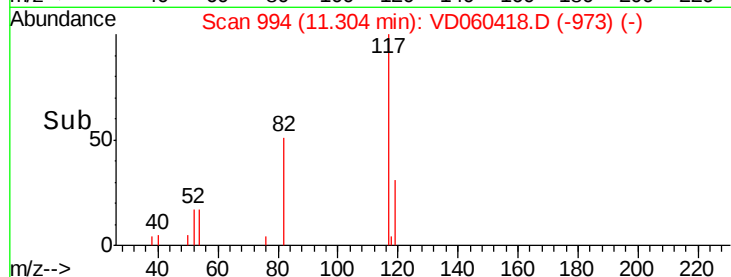
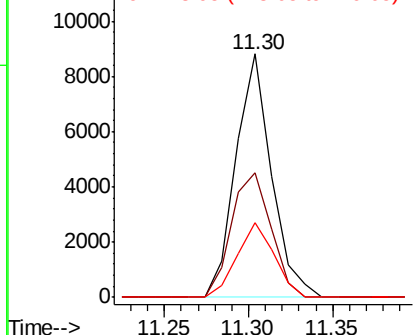
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.30 min Scan# 994
Delta R.T. 0.01 min
Lab File: VD060418.D
Acq: 19 Nov 2018 16:42

Instrument :
MSVOA_D
ClientSampleId :
FDSB-04(26.5-28.5)

Tot Ion:117 Resp: 12921
Ion Ratio Lower Upper
117 100
82 51.2 43.7 65.5
119 30.8 26.1 39.1

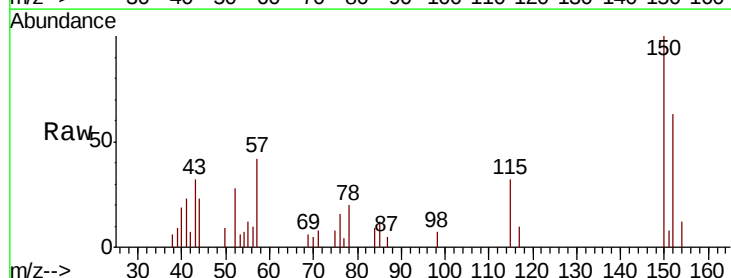


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

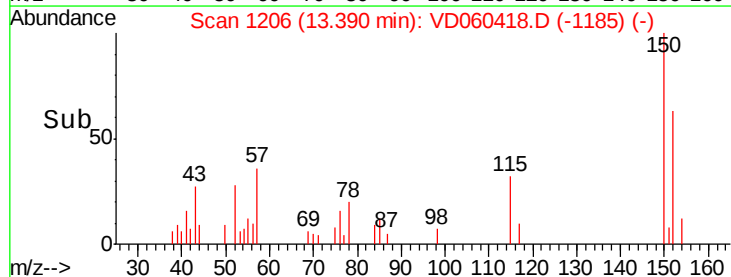
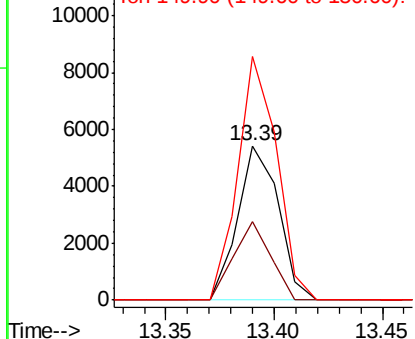


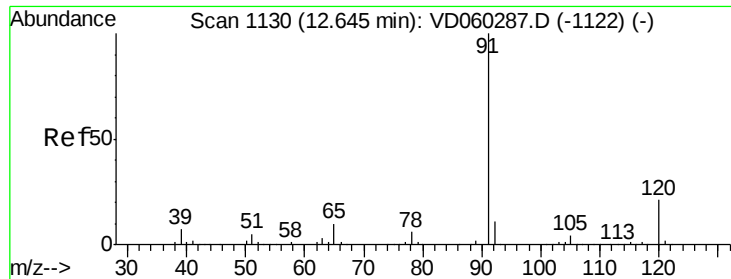
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.39 min Scan# 1206
Delta R.T. 0.01 min
Lab File: VD060418.D
Acq: 19 Nov 2018 16:42

Tgt Ion:152 Resp: 7160
Ion Ratio Lower Upper
152 100
115 50.5 24.1 72.3
150 157.7 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





#78

n-propylbenzene

Concen: 6.395 ug/l

RT: 12.66 min Scan# 1132

Delta R.T. 0.02 min

Lab File: VD060418.D

Acq: 19 Nov 2018 16:42

Instrument :

MSVOA_D

ClientSampleId :

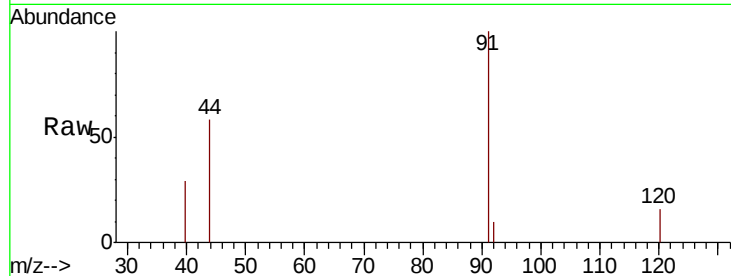
FDSB-04(26.5-28.5)

Tot Ion: 91 Resp: 4164

Ion Ratio Lower Upper

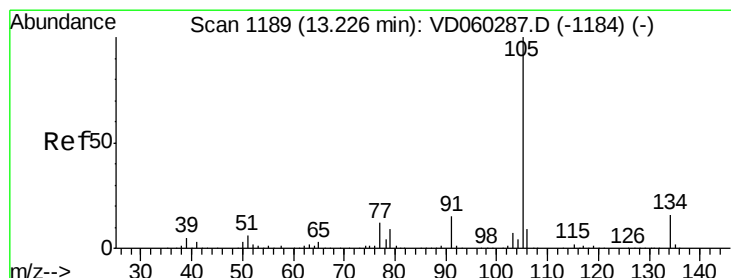
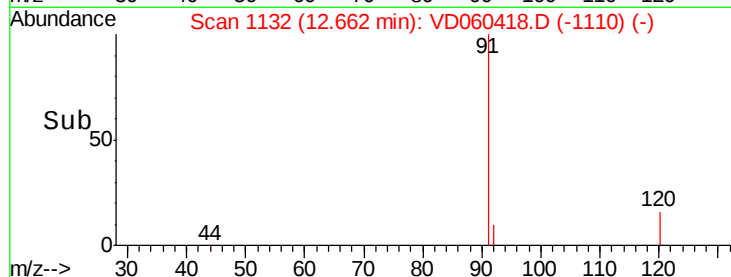
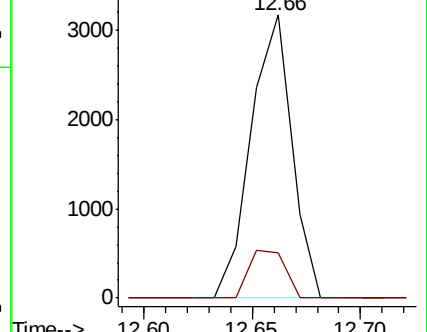
91 100

120 16.1 10.4 31.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V



#85

sec-Butylbenzene

Concen: 7.937 ug/l

RT: 13.24 min Scan# 1191

Delta R.T. 0.02 min

Lab File: VD060418.D

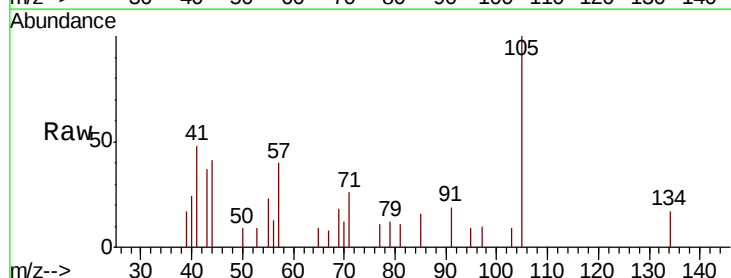
Acq: 19 Nov 2018 16:42

Tgt Ion: 105 Resp: 4383

Ion Ratio Lower Upper

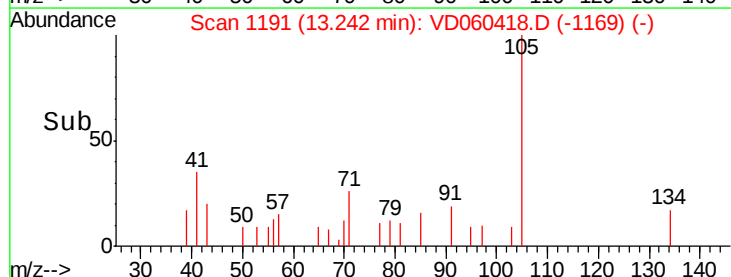
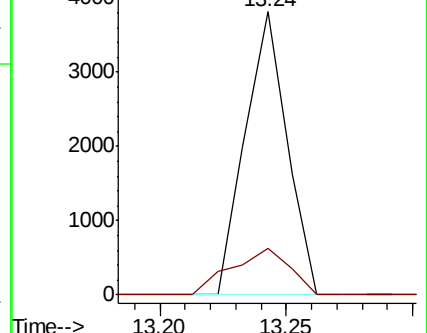
105 100

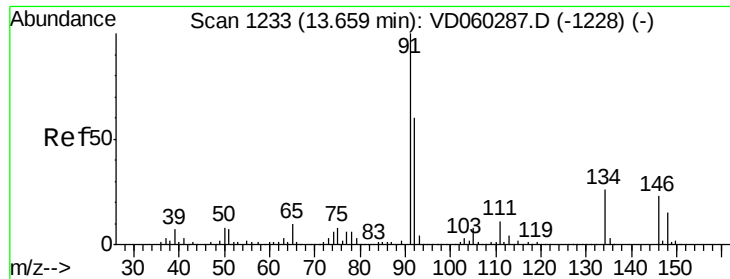
134 16.6 8.0 24.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V





#89

n-Butylbenzene

Concen: 16.005 ug/l

RT: 13.67 min Scan# 1234

Delta R.T. 0.01 min

Lab File: VD060418.D

Acq: 19 Nov 2018 16:42

Instrument :

MSVOA_D

ClientSampleId :

FDSB-04(26.5-28.5)

Tot Ion: 91 Resp: 8019

Ion Ratio Lower Upper

91 100

92 75.3 30.3 90.9

134 23.5 13.0 38.9

