

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112018\
 Data File : VD060425.D
 Acq On : 20 Nov 2018 13:25
 Operator : JC/SY
 Sample : J5951-04RE
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Nov 20 15:29:09 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

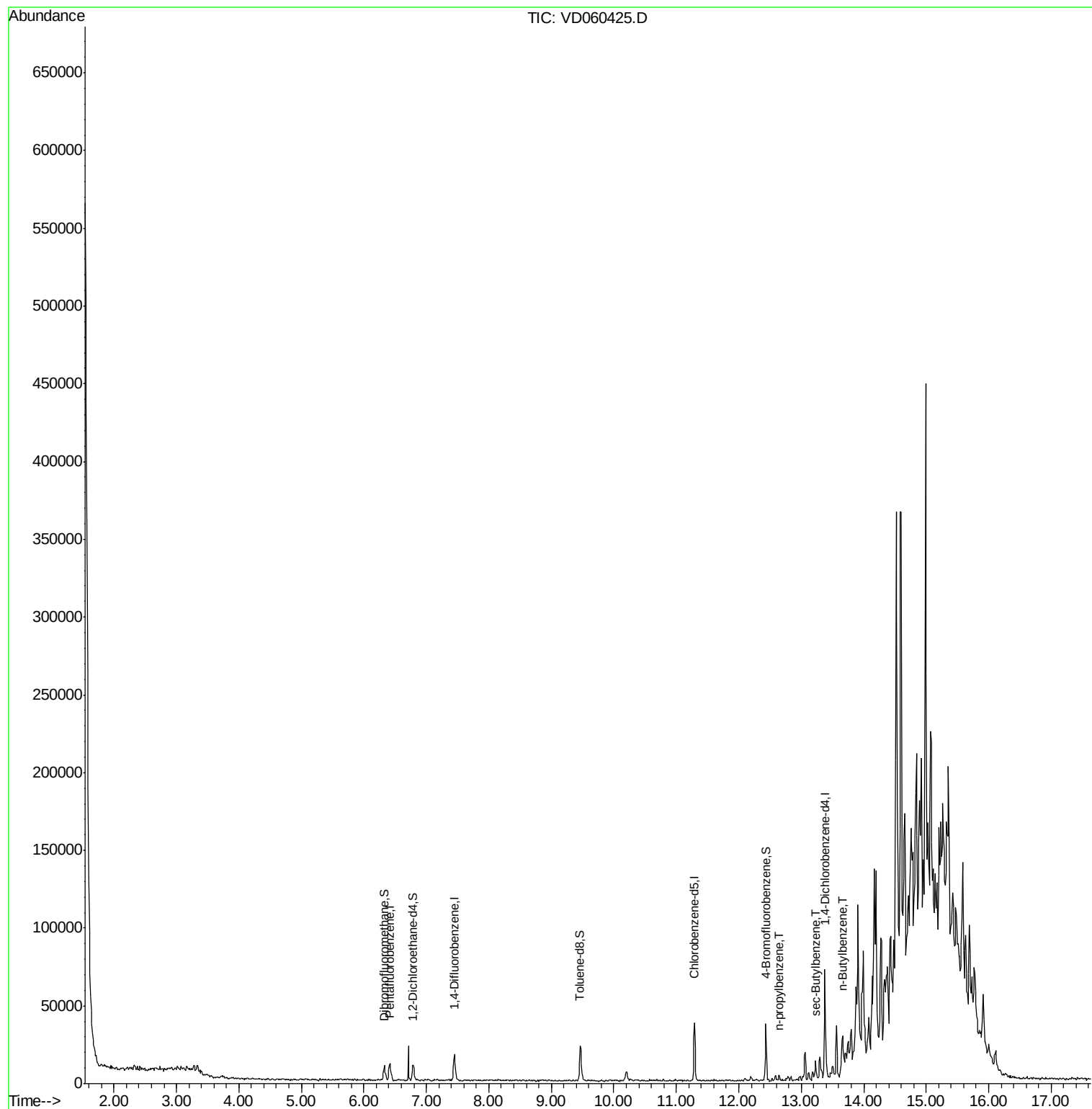
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	14395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	21865	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	22696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	12624	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	8789	85.27	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	170.54%	
35) Dibromofluoromethane	6.33	113	7326	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
50) Toluene-d8	9.46	98	19722	41.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.66%	
62) 4-Bromofluorobenzene	12.43	95	10078	58.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.56%	
Target Compounds						
78) n-propylbenzene	12.64	91	3687	3.212	ug/l	90
85) sec-Butylbenzene	13.23	105	3381	3.473	ug/l	99
89) n-Butylbenzene	13.65	91	8056	8.456	ug/l	94

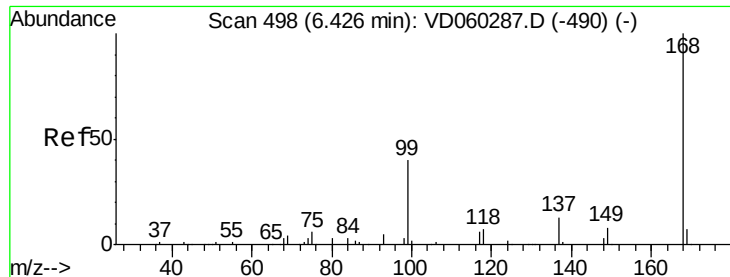
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112018\
Data File : VD060425.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
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: 6.42 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060425.D

Acq: 20 Nov 2018 13:25

Instrument :

MSVOA_D

ClientSampleId :

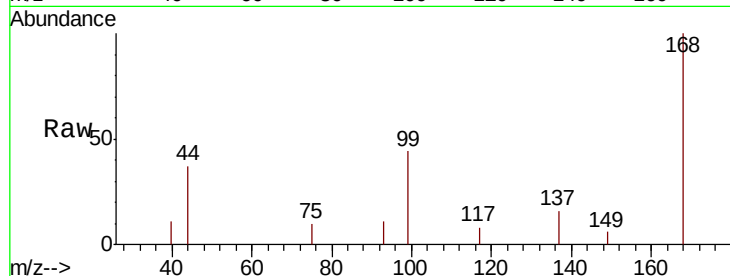
FDSB-04(26.5-28.5)RE

Tot Ion:168 Resp: 14395

Ion Ratio Lower Upper

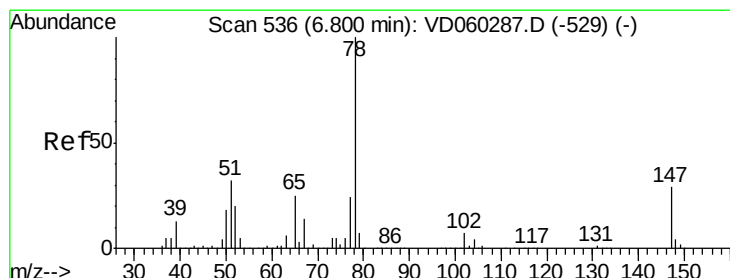
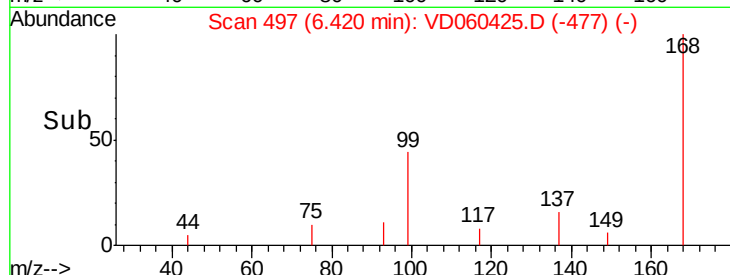
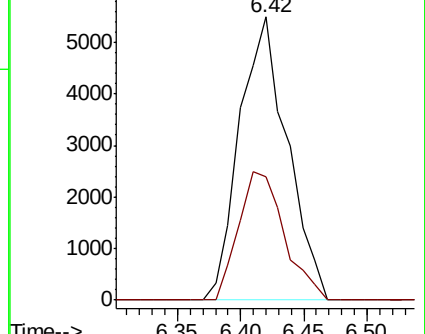
168 100

99 43.6 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: 6.78 min Scan# 534

Delta R.T. -0.02 min

Lab File: VD060425.D

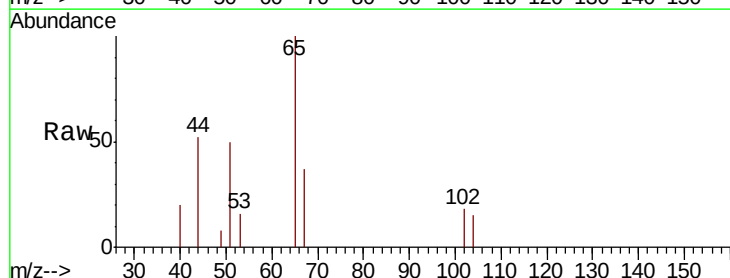
Acq: 20 Nov 2018 13:25

Tgt Ion: 65 Resp: 8789

Ion Ratio Lower Upper

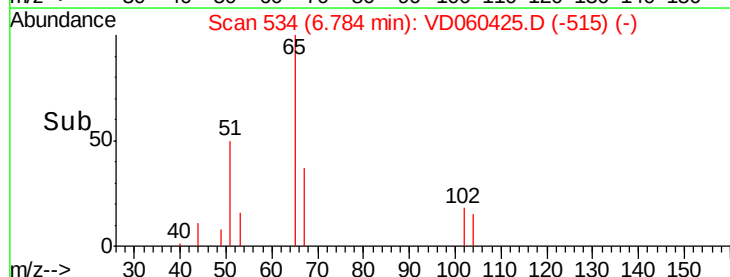
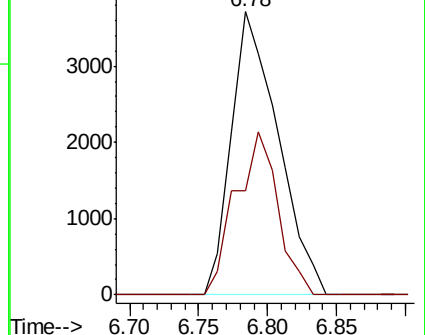
65 100

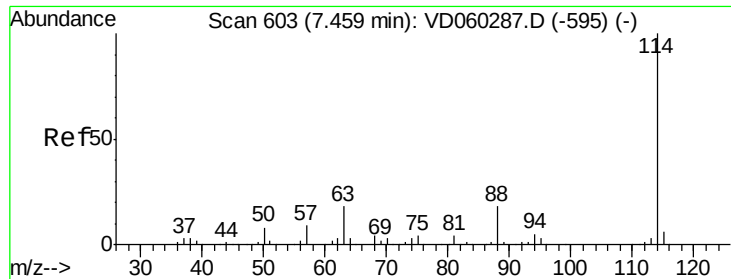
67 36.7 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

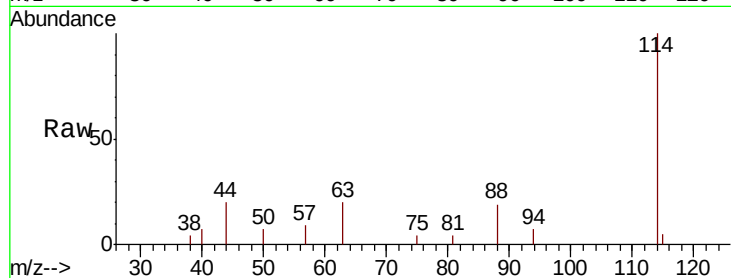




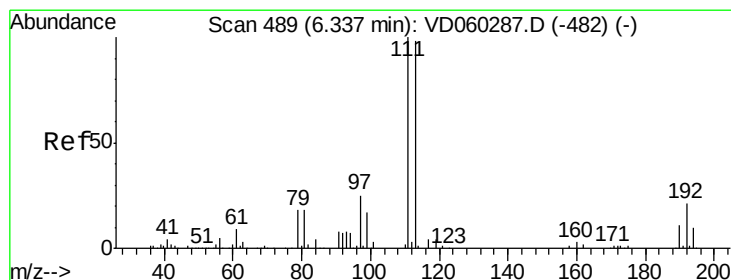
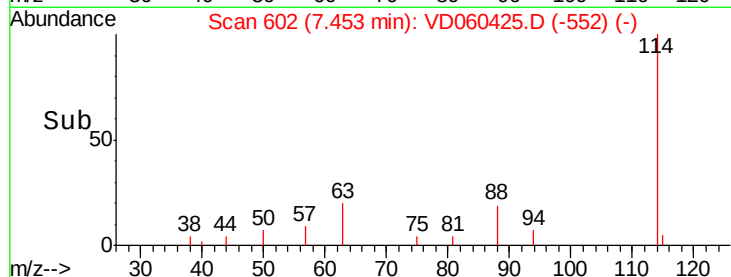
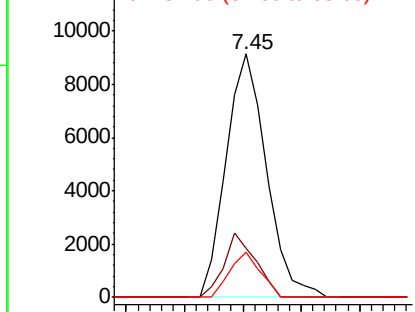
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060425.D
 Acq: 20 Nov 2018 13:25

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

Tot Ion:114 Resp: 21865
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 34.0
 88 18.7 0.0 35.4

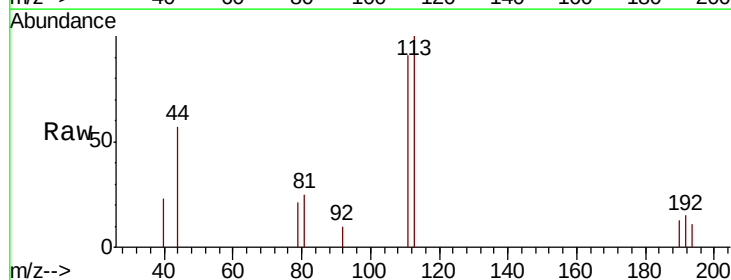


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

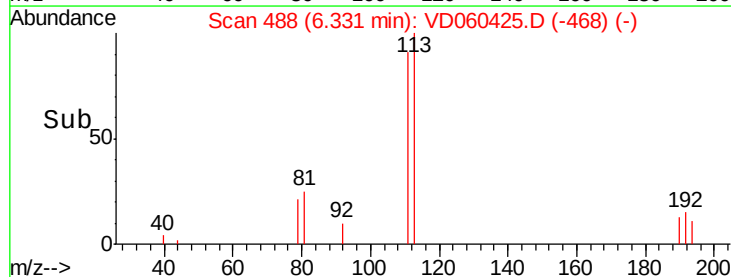
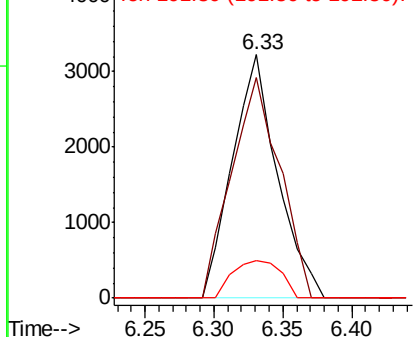


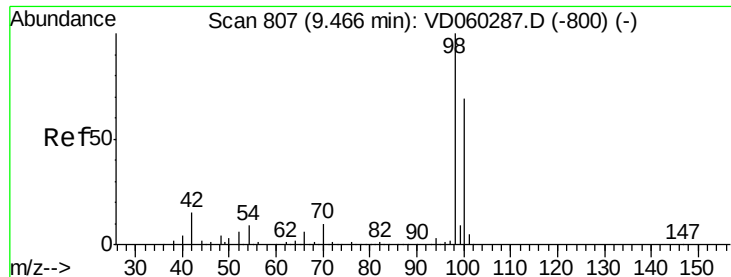
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060425.D
 Acq: 20 Nov 2018 13:25

Tgt Ion:113 Resp: 7326
 Ion Ratio Lower Upper
 113 100
 111 90.7 81.6 122.4
 192 15.4 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# 806

Delta R.T. -0.01 min

Lab File: VD060425.D

Acq: 20 Nov 2018 13:25

Instrument :

MSVOA_D

ClientSampleId :

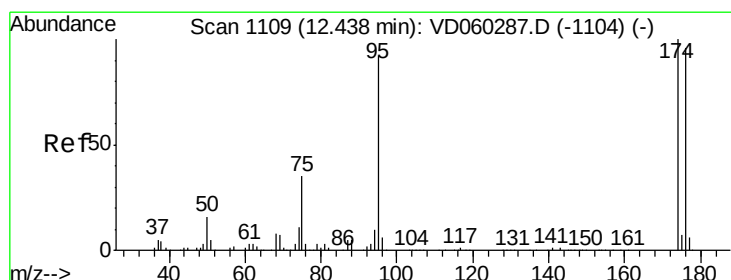
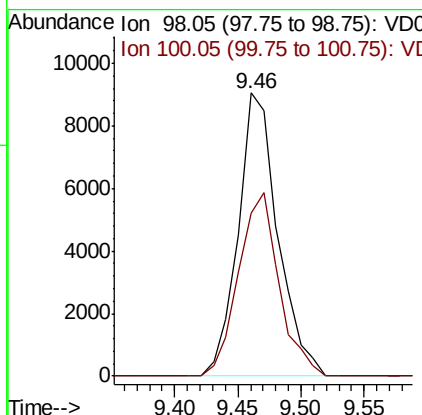
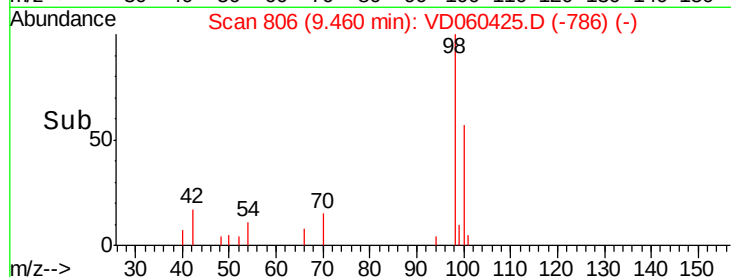
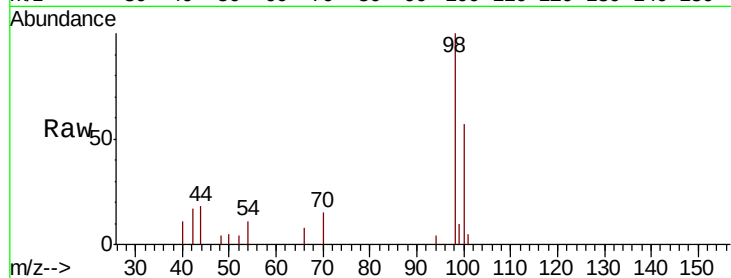
FDSB-04(26.5-28.5)RE

Tot Ion: 98 Resp: 19722

Ion Ratio Lower Upper

98 100

100 57.4 55.2 82.8



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060425.D

Acq: 20 Nov 2018 13:25

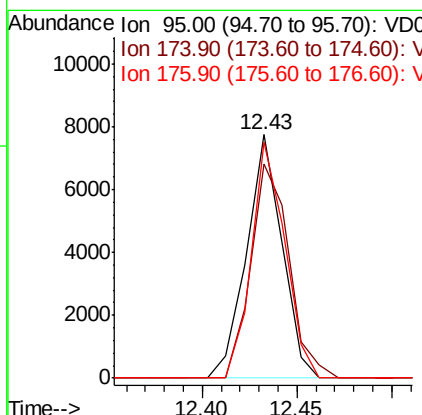
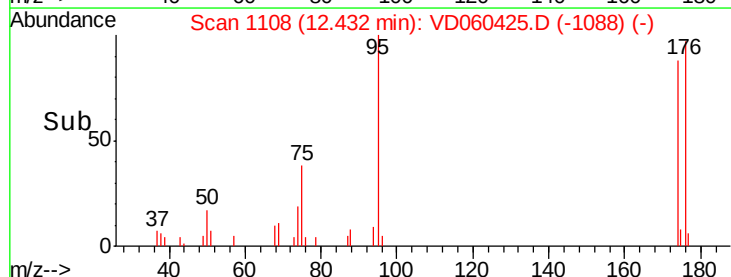
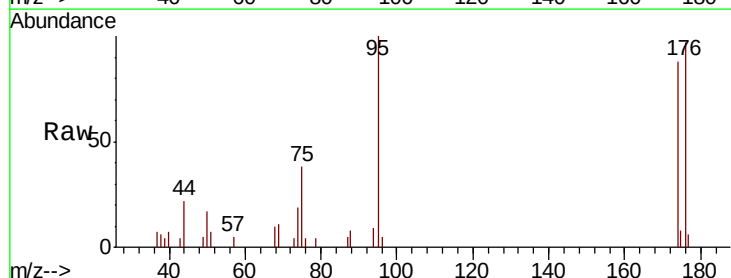
Tgt Ion: 95 Resp: 10078

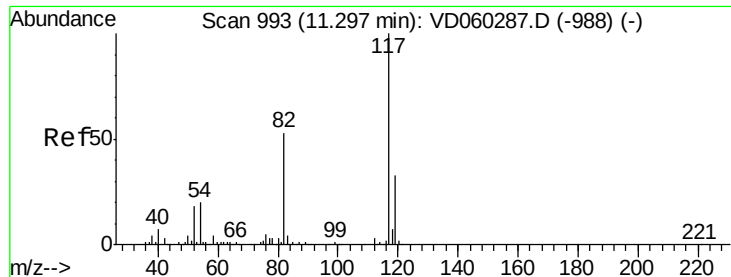
Ion Ratio Lower Upper

95 100

174 88.0 0.0 160.8

176 97.0 0.0 154.6

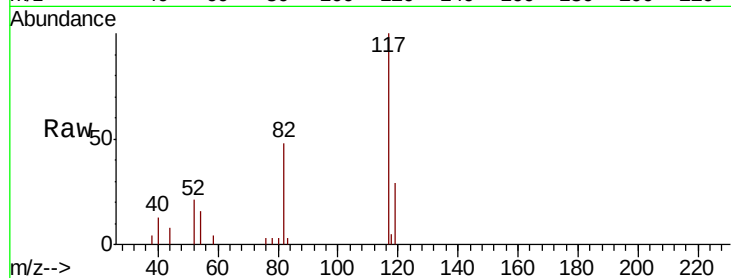




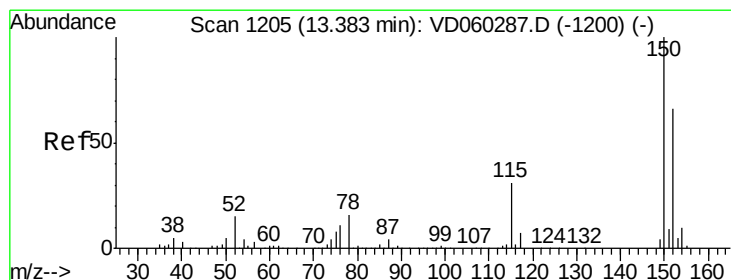
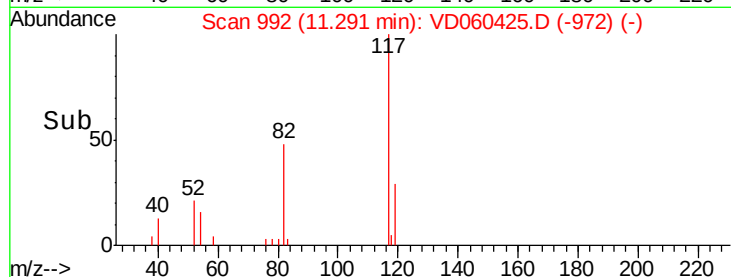
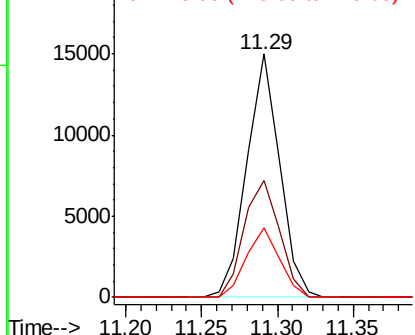
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060425.D
Acq: 20 Nov 2018 13:25

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

Tot Ion:117 Resp: 22696
Ion Ratio Lower Upper
117 100
82 47.9 43.7 65.5
119 28.7 26.1 39.1

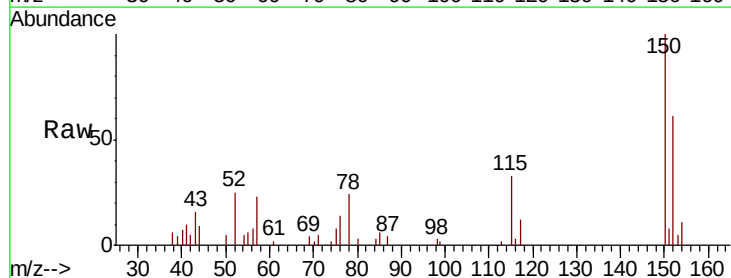


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

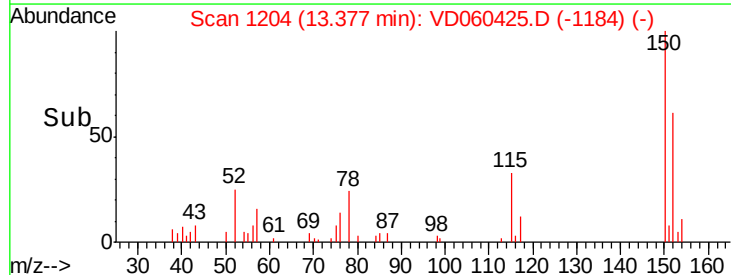
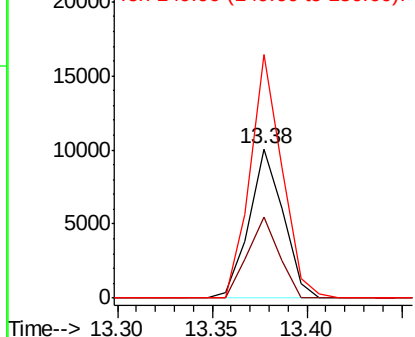


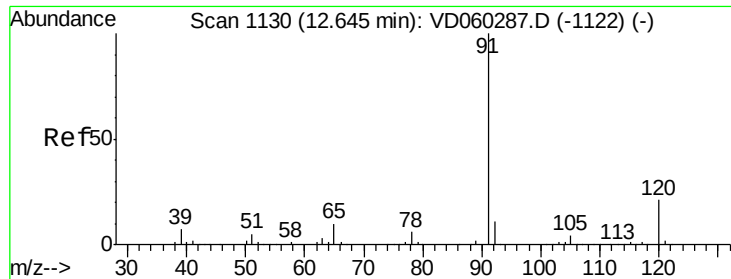
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060425.D
Acq: 20 Nov 2018 13:25

Tgt Ion:152 Resp: 12624
Ion Ratio Lower Upper
152 100
115 54.0 24.1 72.3
150 163.0 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: 3.212 ug/l

RT: 12.64 min Scan# 1129

Delta R.T. -0.01 min

Lab File: VD060425.D

Acq: 20 Nov 2018 13:25

Instrument :

MSVOA_D

ClientSampleId :

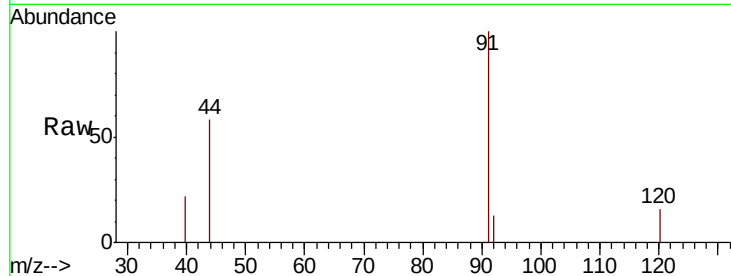
FDSB-04(26.5-28.5)RE

Tot Ion: 91 Resp: 3687

Ion Ratio Lower Upper

91 100

120 16.3 10.4 31.4



Abundance Ion 91.00 (90.70 to 91.70): VD060287.D (-1122) (-)

Ion 120.05 (119.75 to 120.75): VD060287.D (-1122) (-)

12.64

3000

2500

2000

1500

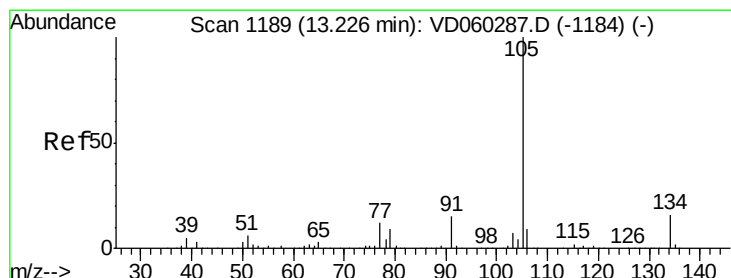
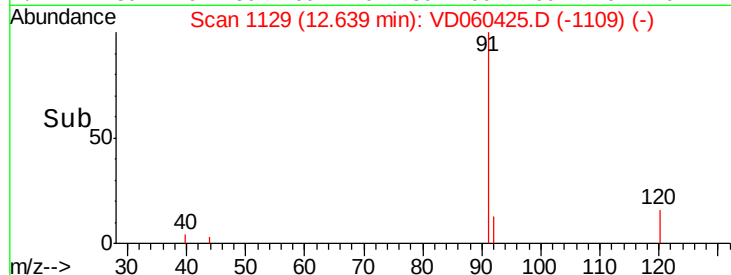
1000

500

0

12.60 12.65 12.70

Time-->



#85

sec-Butylbenzene

Concen: 3.473 ug/l

RT: 13.23 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VD060425.D

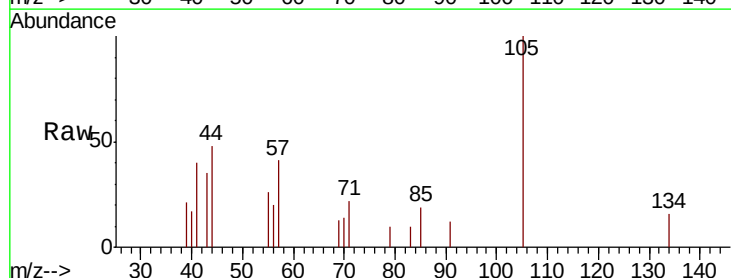
Acq: 20 Nov 2018 13:25

Tgt Ion: 105 Resp: 3381

Ion Ratio Lower Upper

105 100

134 15.8 8.0 24.0



Abundance Ion 105.05 (104.75 to 105.75): VD060287.D (-1184) (-)

Ion 134.10 (133.80 to 134.80): VD060287.D (-1184) (-)

13.23

3000

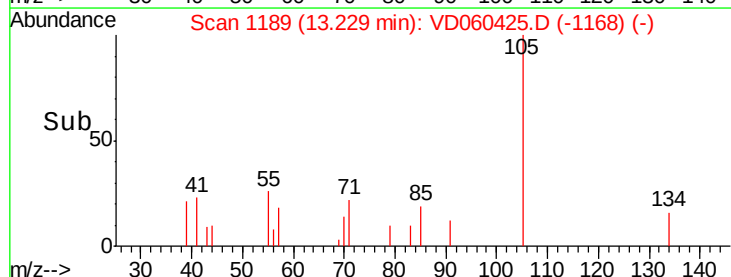
2000

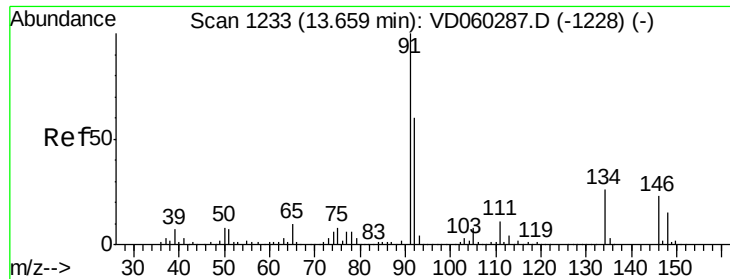
1000

0

13.20 13.25

Time-->





#89

n-Butylbenzene

Concen: 8.456 ug/l

RT: 13.65 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD060425.D

Acq: 20 Nov 2018 13:25

Instrument :

MSVOA_D

ClientSampleId :

FDSB-04(26.5-28.5)RE

Tot Ion: 91 Resp: 8056

Ion Ratio Lower Upper

91 100

92 66.7 30.3 90.9

134 25.5 13.0 38.9

