

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102918\
 Data File : VD060237.D
 Acq On : 29 Oct 2018 19:02
 Operator : VA/AP
 Sample : J5194-07
 Misc : 6.62g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-05-102618-A

Quant Time: Oct 30 01:42:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

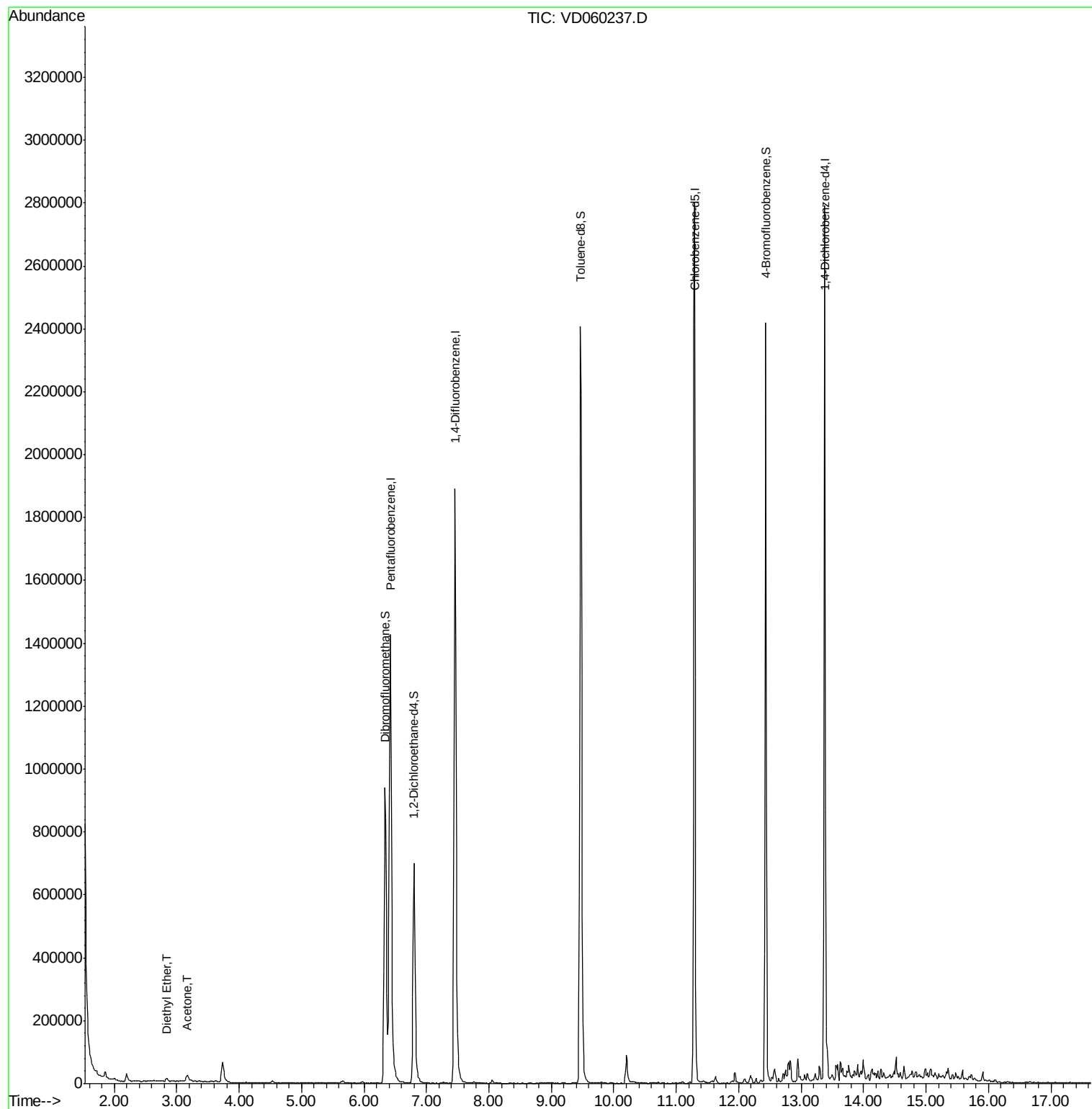
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1451128	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	7.46	114	2044118	50.00	ug/l	0.04
63) Chlorobenzene-d5	11.30	117	1576611	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.38	152	693264	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	594670	54.06	ug/l	0.04
Spiked Amount 50.000			Recovery	=	108.12%	
35) Dibromofluoromethane	6.34	113	763116	49.16	ug/l	0.04
Spiked Amount 50.000			Recovery	=	98.32%	
50) Toluene-d8	9.46	98	1982759	44.79	ug/l	0.03
Spiked Amount 50.000			Recovery	=	89.58%	
62) 4-Bromofluorobenzene	12.44	95	706758	42.64	ug/l	0.02
Spiked Amount 50.000			Recovery	=	85.28%	
Target Compounds						
8) Diethyl Ether	2.84	74	2698	1.088	ug/l	87
16) Acetone	3.17	43	44801	22.446	ug/l	92

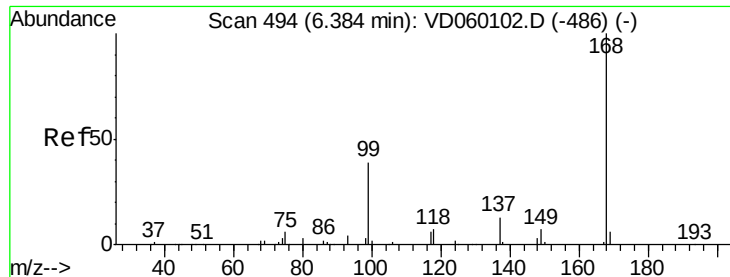
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 498

Delta R.T. 0.04 min

Lab File: VD060237.D

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MSVOA_D

ClientSampleId :

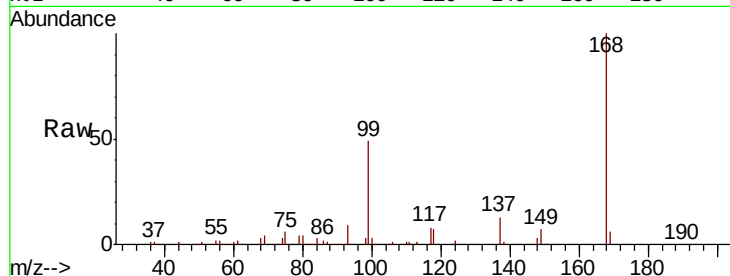
HR-05-102618-A

Tot Ion:168 Resp: 1451128

Ion Ratio Lower Upper

168 100

99 48.6 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

500000

400000

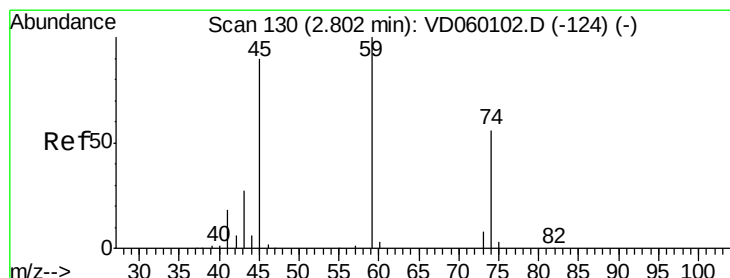
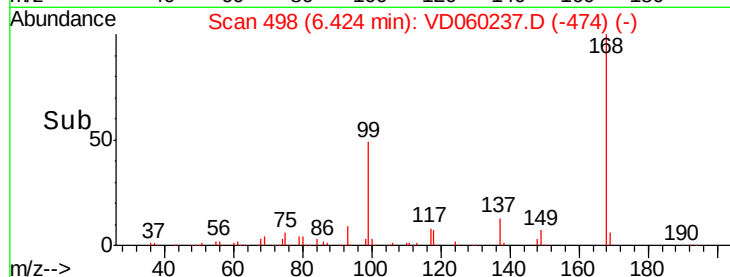
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 1.088 ug/l

RT: 2.84 min Scan# 134

Delta R.T. 0.04 min

Lab File: VD060237.D

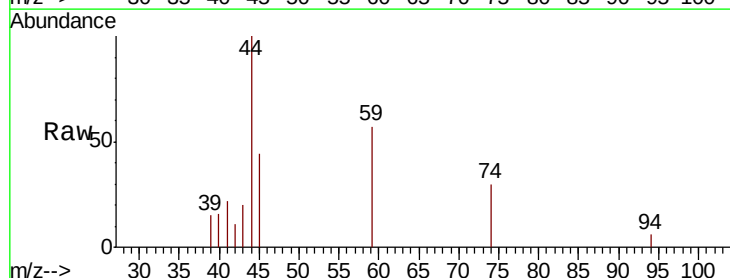
Acq: 29 Oct 2018 19:02

Tgt Ion: 74 Resp: 2698

Ion Ratio Lower Upper

74 100

45 143.7 80.3 241.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

3000

2500

2000

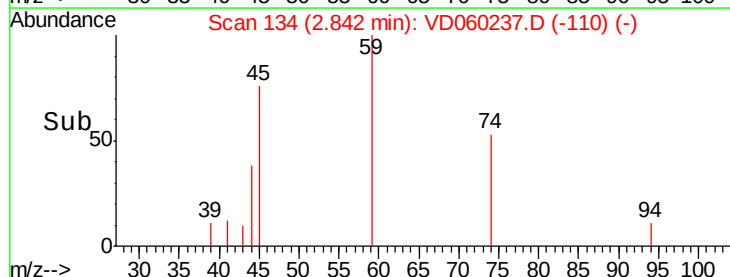
1500

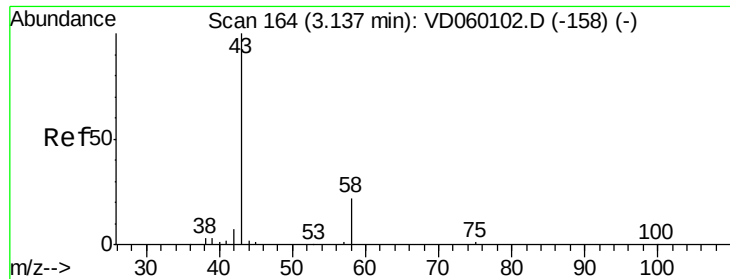
1000

500

0

Time-->





#16

Acetone

Concen: 22.446 ug/l

RT: 3.17 min Scan# 167

Delta R.T. 0.03 min

Lab File: VD060237.D

Acq: 29 Oct 2018 19:02

Instrument :

MSVOA_D

ClientSampleId :

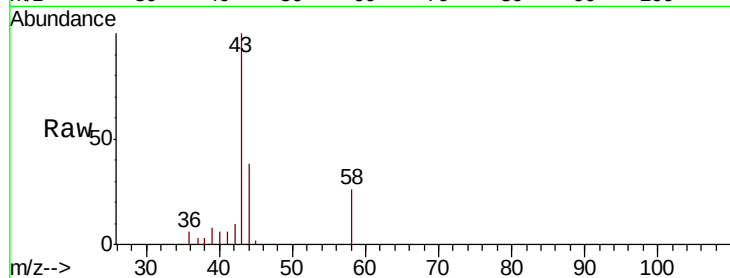
HR-05-102618-A

Tot Ion: 43 Resp: 44801

Ion Ratio Lower Upper

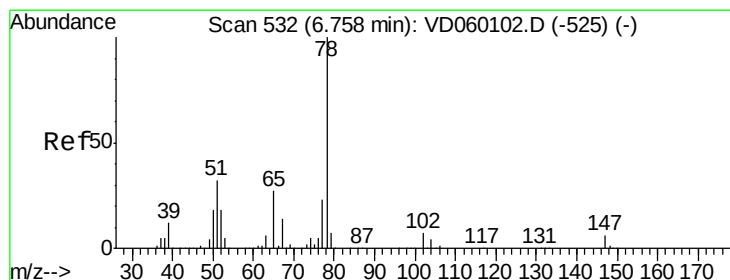
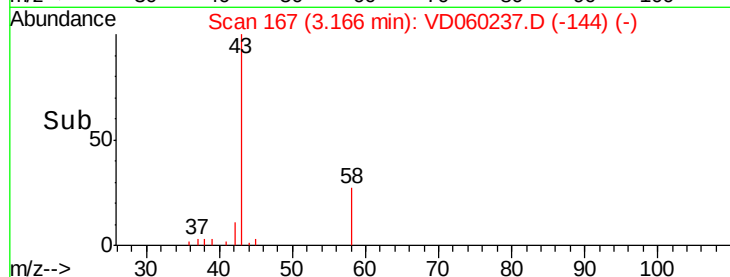
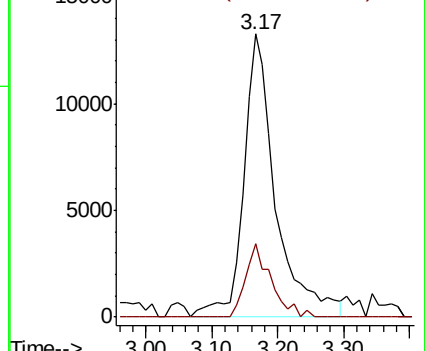
43 100

58 25.8 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.80 min Scan# 536

Delta R.T. 0.04 min

Lab File: VD060237.D

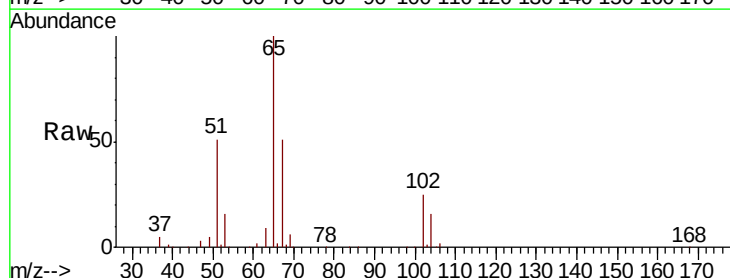
Acq: 29 Oct 2018 19:02

Tgt Ion: 65 Resp: 594670

Ion Ratio Lower Upper

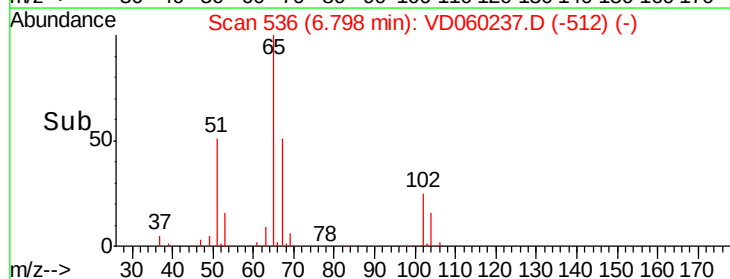
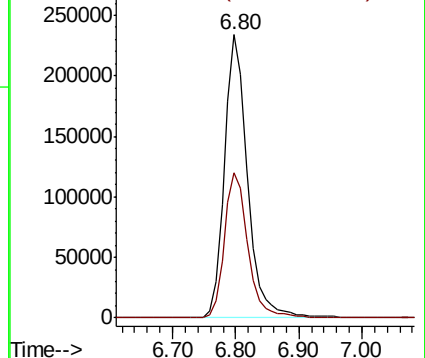
65 100

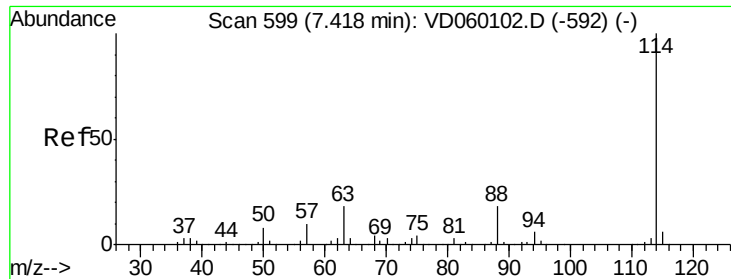
67 51.5 0.0 106.2



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. 0.04 min

Lab File: VD060237.D

Acq: 29 Oct 2018 19:02

Instrument :

MSVOA_D

ClientSampleId :

HR-05-102618-A

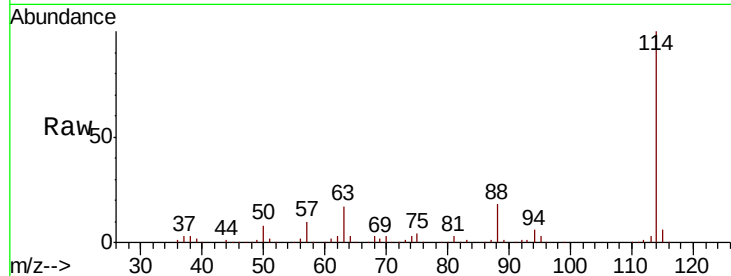
Tot Ion:114 Resp: 2044118

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.0

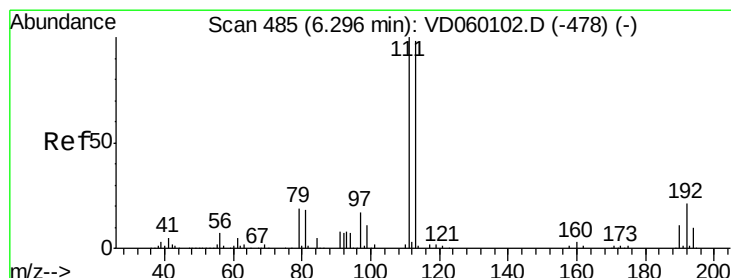
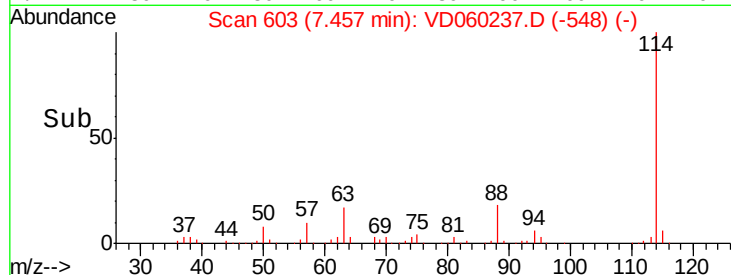
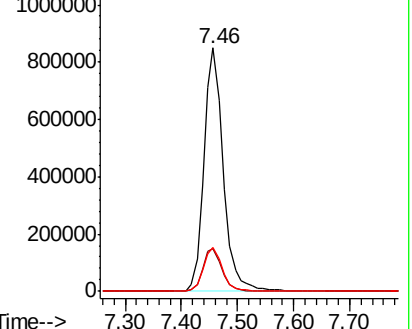
88 18.0 0.0 36.2



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: 6.34 min Scan# 489

Delta R.T. 0.04 min

Lab File: VD060237.D

Acq: 29 Oct 2018 19:02

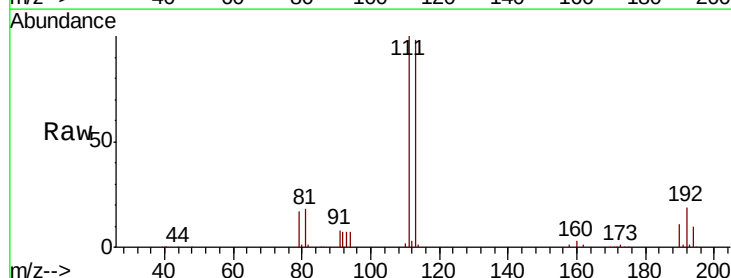
Tgt Ion:113 Resp: 763116

Ion Ratio Lower Upper

113 100

111 102.1 81.5 122.3

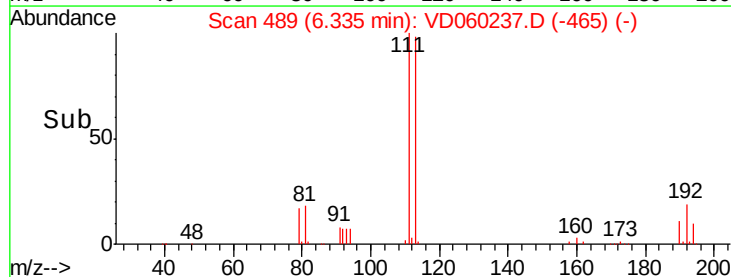
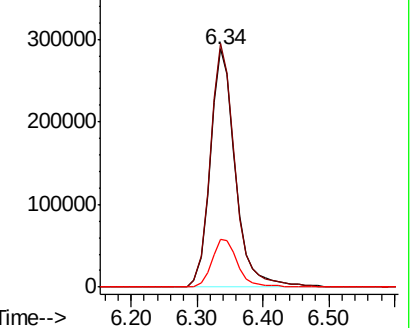
192 19.9 17.4 26.0

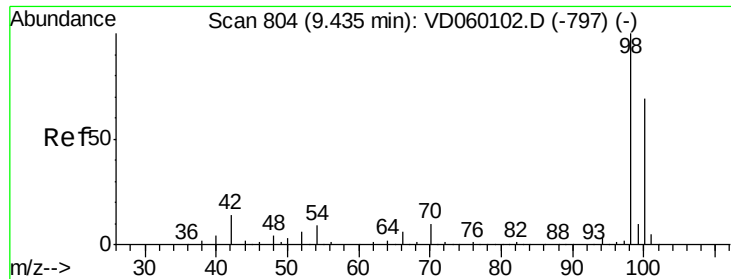


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

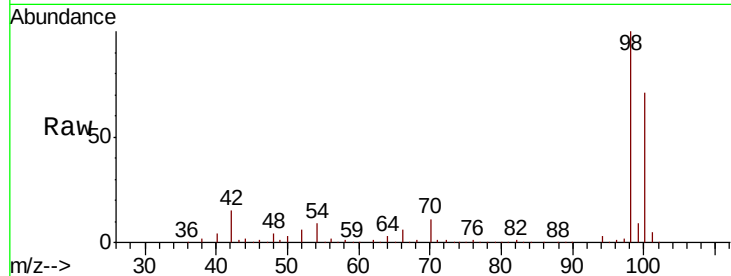




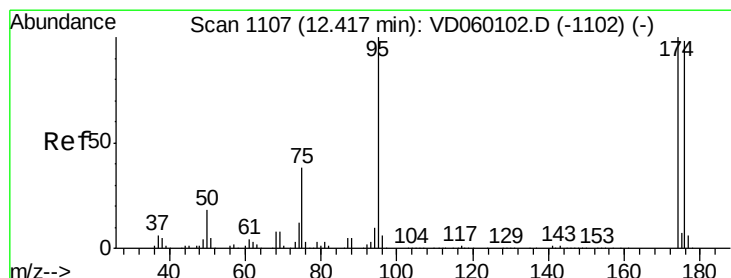
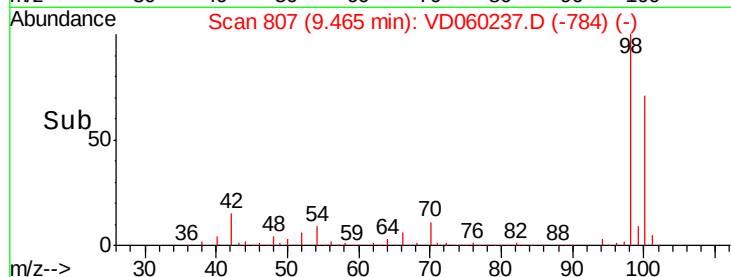
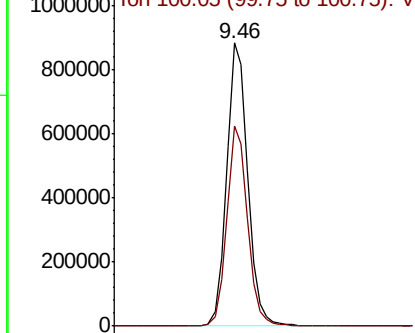
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. 0.03 min
Lab File: VD060237.D
Acq: 29 Oct 2018 19:02

Instrument :
MSVOA_D
ClientSampleId :
HR-05-102618-A

Tot Ion: 98 Resp: 1982759
Ion Ratio Lower Upper
98 100
100 70.5 55.4 83.0

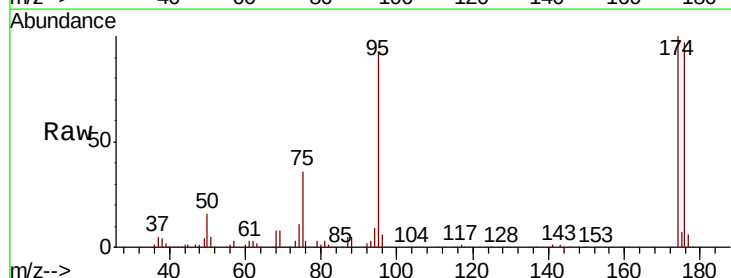


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

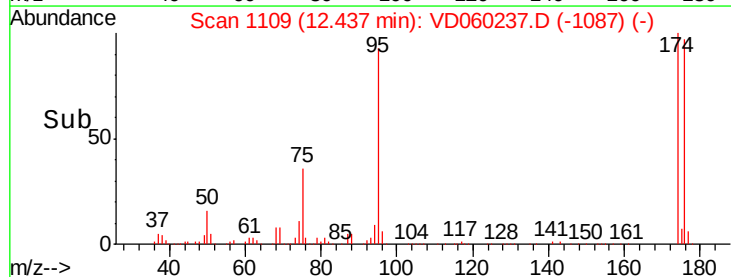
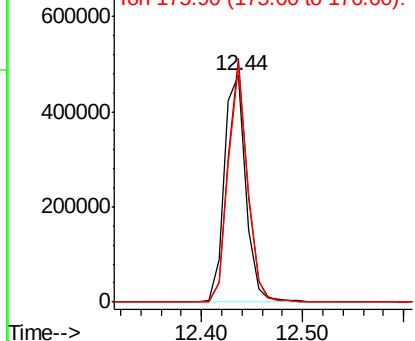


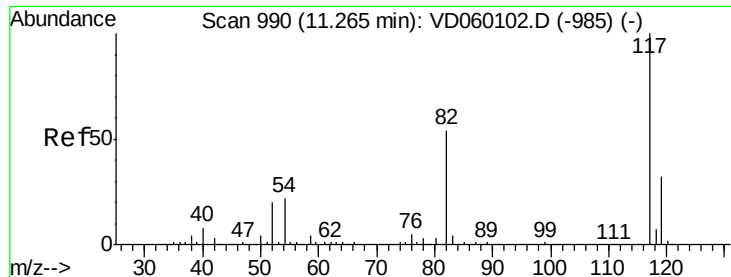
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.44 min Scan# 1109
Delta R.T. 0.02 min
Lab File: VD060237.D
Acq: 29 Oct 2018 19:02

Tgt Ion: 95 Resp: 706758
Ion Ratio Lower Upper
95 100
174 107.3 0.0 200.2
176 103.8 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

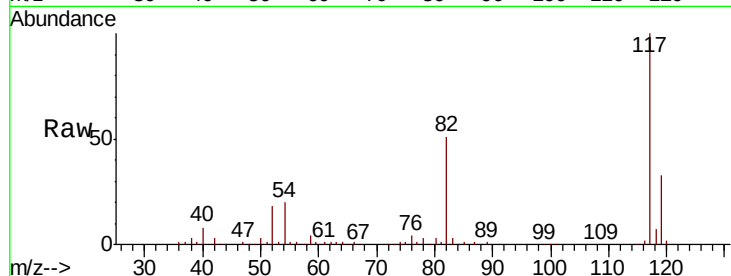




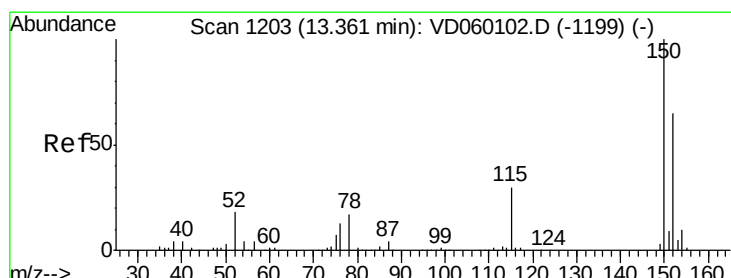
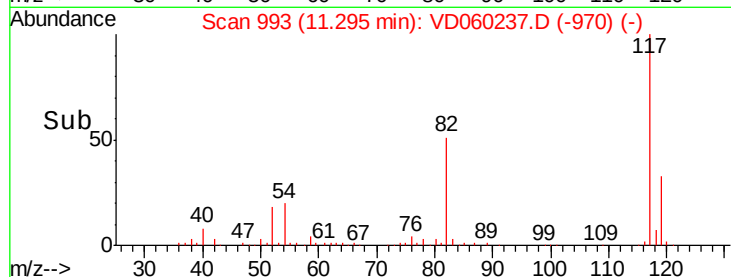
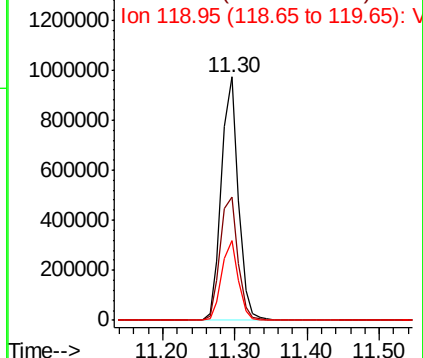
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.30 min Scan# 993
Delta R.T. 0.03 min
Lab File: VD060237.D
Acq: 29 Oct 2018 19:02

Instrument :
MSVOA_D
ClientSampleId :
HR-05-102618-A

Tot Ion:117 Resp: 1576611
Ion Ratio Lower Upper
117 100
82 50.7 43.4 65.2
119 32.6 26.0 39.0

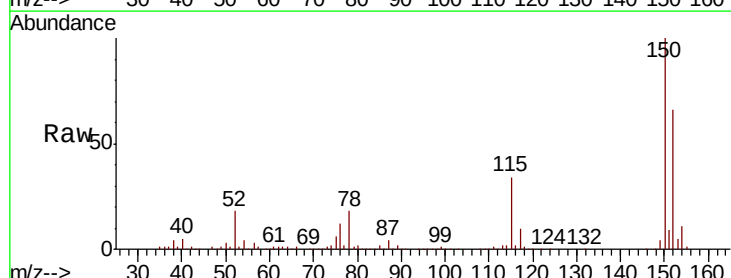


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.02 min
Lab File: VD060237.D
Acq: 29 Oct 2018 19:02

Tgt Ion:152 Resp: 693264
Ion Ratio Lower Upper
152 100
115 51.3 27.1 81.2
150 152.5 0.0 311.8



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

