

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102918\
 Data File : VD060236.D
 Acq On : 29 Oct 2018 18:34
 Operator : VA/AP
 Sample : J5194-11
 Misc : 6.61g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Oct 30 01:40:09 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

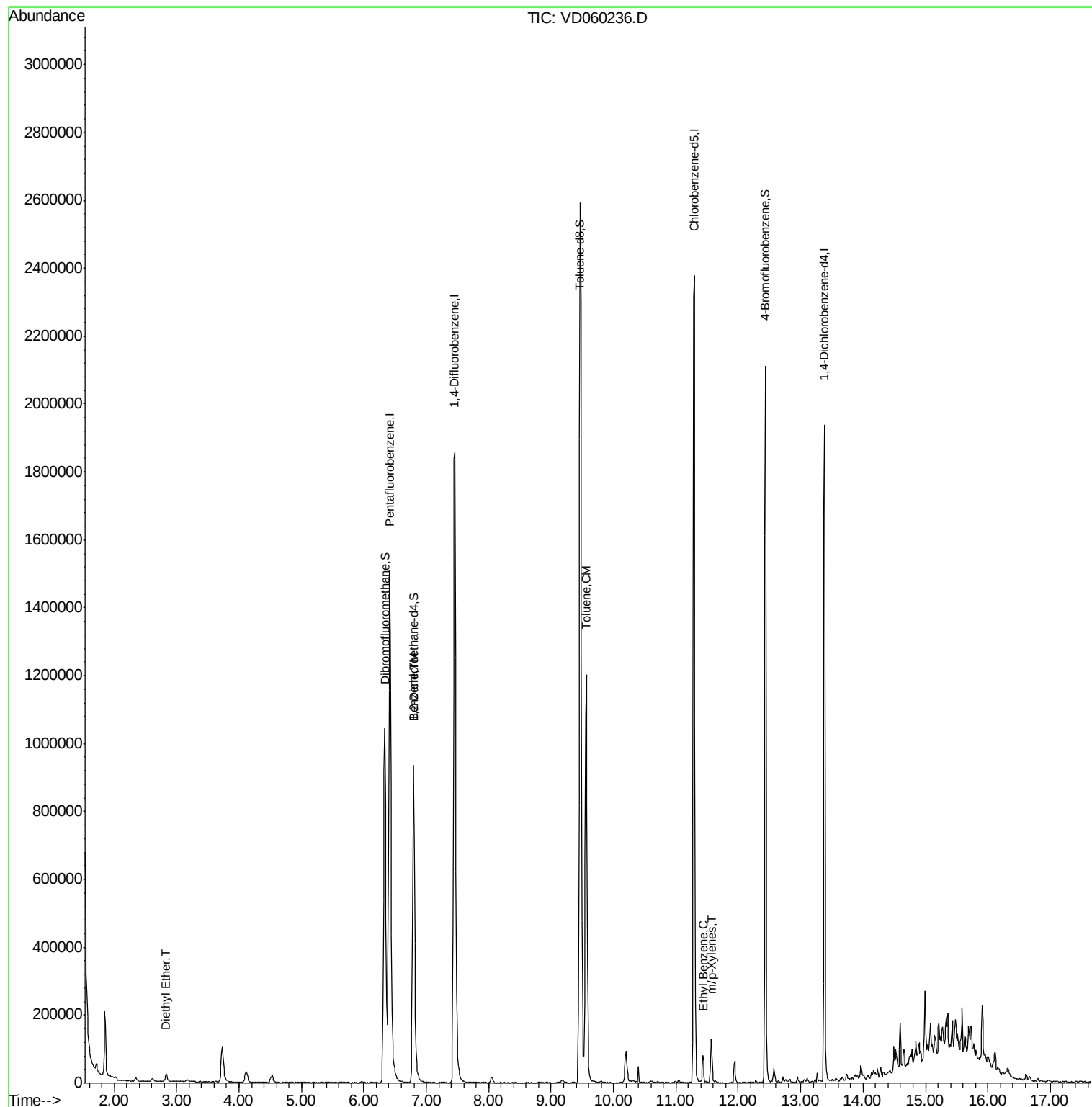
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1485857	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.46	114	2099921	50.00	ug/l	0.04
63) Chlorobenzene-d5	11.29	117	1423686	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.38	152	475250	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	646954	57.44	ug/l	0.04
Spiked Amount 50.000			Recovery	=	114.88%	
35) Dibromofluoromethane	6.34	113	838671	52.59	ug/l	0.04
Spiked Amount 50.000			Recovery	=	105.18%	
50) Toluene-d8	9.46	98	2183683	48.02	ug/l	0.03
Spiked Amount 50.000			Recovery	=	96.04%	
62) 4-Bromofluorobenzene	12.44	95	615262	36.14	ug/l	0.02
Spiked Amount 50.000			Recovery	=	72.28%	
Target Compounds						
8) Diethyl Ether	2.83	74	8926	3.515	ug/l	77
40) Benzene	6.81	78	171022	3.258	ug/l	98
52) Toluene	9.56	92	658795	19.485	ug/l	100
67) Ethyl Benzene	11.43	91	54189	1.086	ug/l	98
68) m/p-Xylenes	11.57	106	38818	2.082	ug/l	92

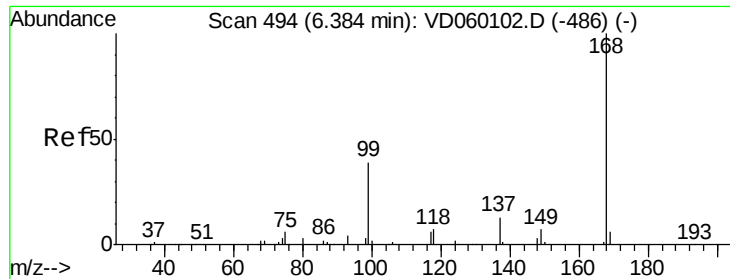
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102918\
Data File : VD060236.D
Acq On : 29 Oct 2018 18:34
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HR-05-102618-C

Quant Time: Oct 30 01:40:09 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
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: 6.41 min Scan# 497

Delta R.T. 0.03 min

Lab File: VD060236.D

Acq: 29 Oct 2018 18:34

Instrument :

MSVOA_D

ClientSampleId :

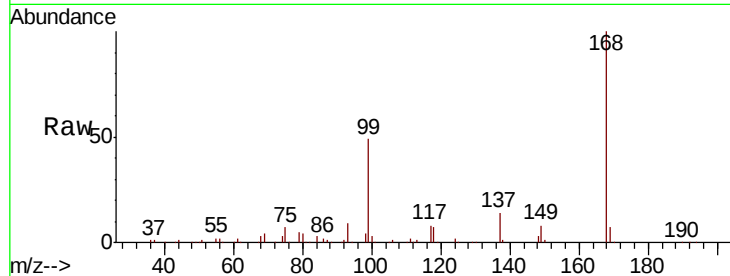
HR-05-102618-C

Tot Ion:168 Resp: 1485857

Ion Ratio Lower Upper

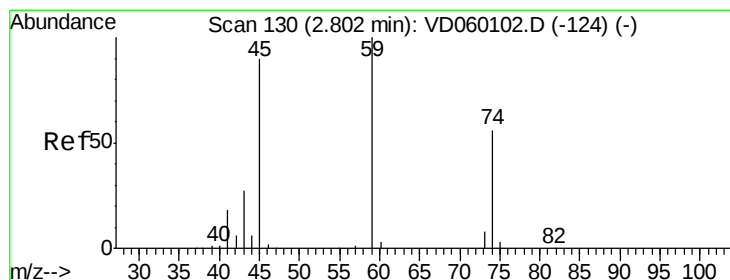
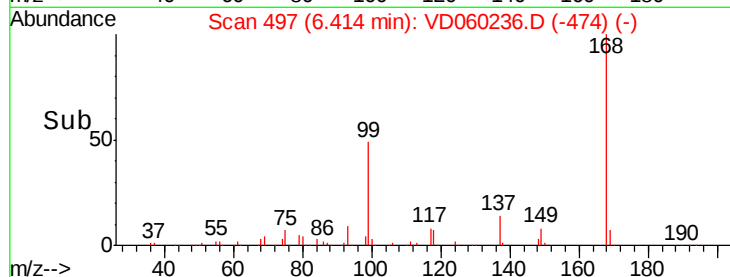
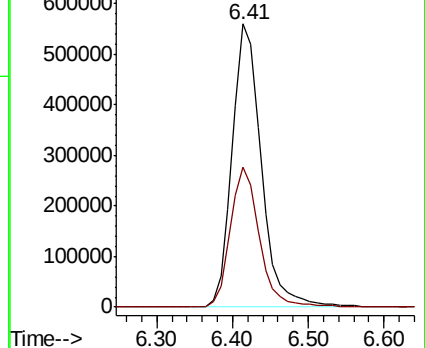
168 100

99 49.4 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#8

Diethyl Ether

Concen: 3.515 ug/l

RT: 2.83 min Scan# 133

Delta R.T. 0.03 min

Lab File: VD060236.D

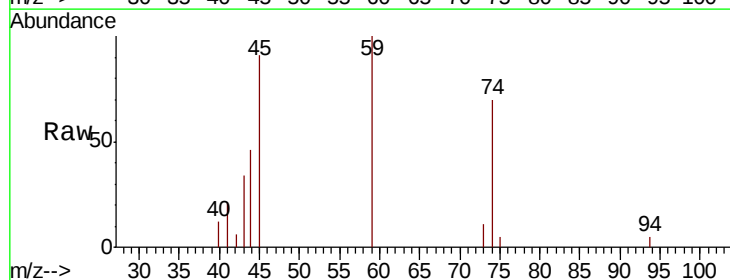
Acq: 29 Oct 2018 18:34

Tgt Ion: 74 Resp: 8926

Ion Ratio Lower Upper

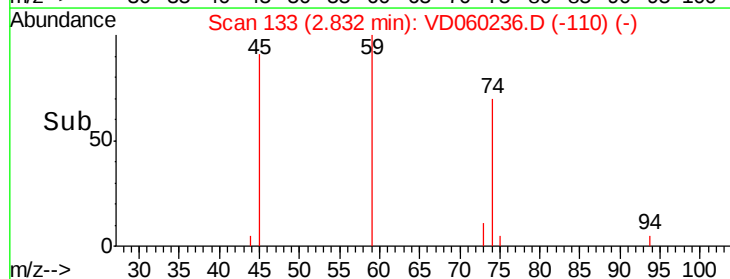
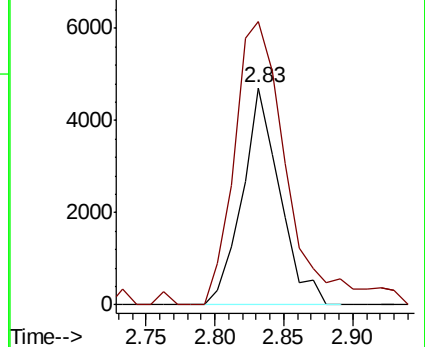
74 100

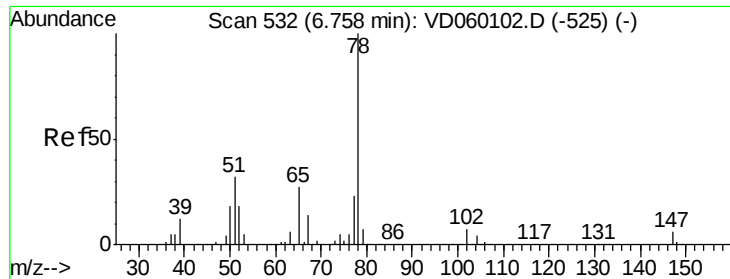
45 130.4 80.3 241.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): 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: VD060236.D

Acq: 29 Oct 2018 18:34

Instrument :

MSVOA_D

ClientSampleId :

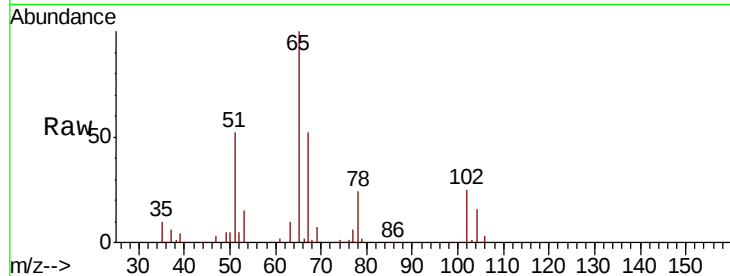
HR-05-102618-C

Tot Ion: 65 Resp: 646954

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

250000

200000

150000

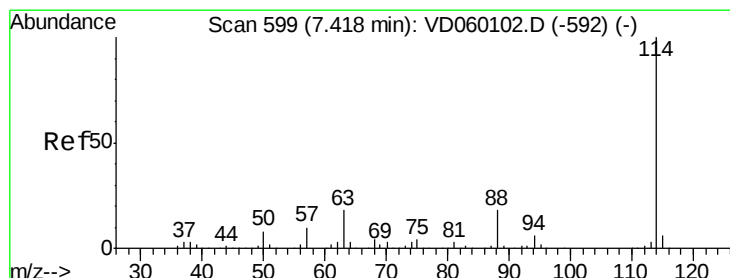
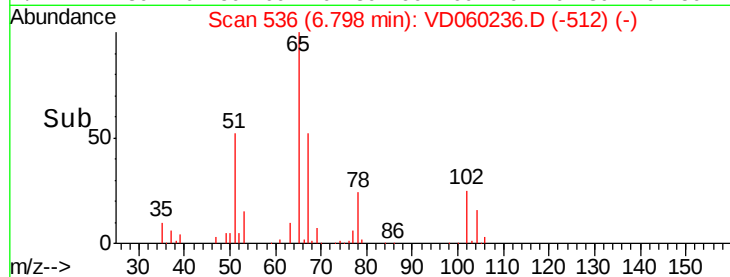
100000

50000

0

6.70 6.80 6.90 7.00

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.46 min Scan# 603

Delta R.T. 0.04 min

Lab File: VD060236.D

Acq: 29 Oct 2018 18:34

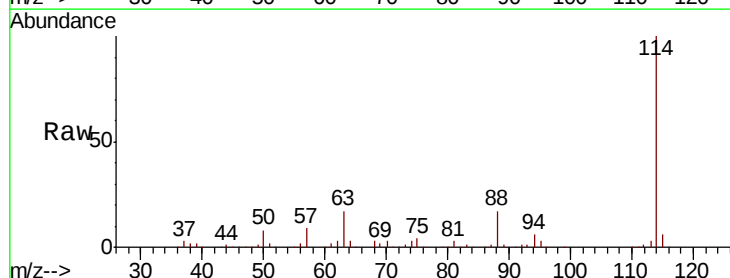
Tgt Ion:114 Resp: 2099921

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.0

88 17.5 0.0 36.2



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

1000000

800000

600000

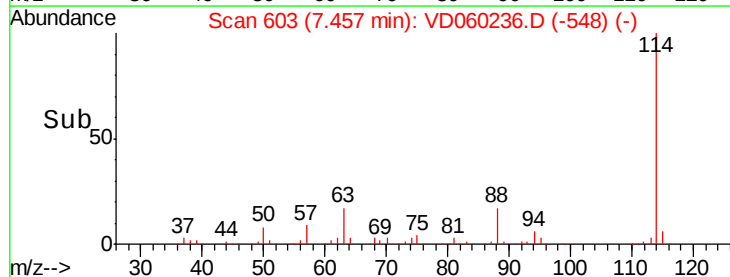
400000

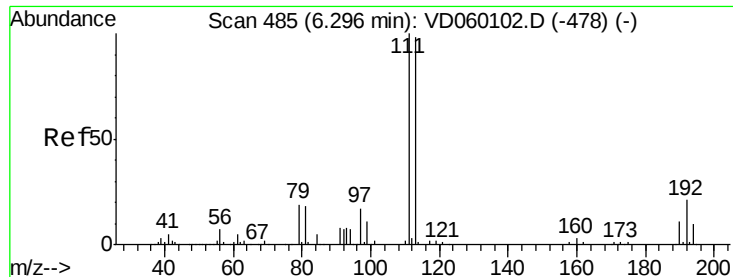
200000

0

7.40 7.46 7.50 7.56 7.60 7.66 7.70 7.76 7.80

Time-->

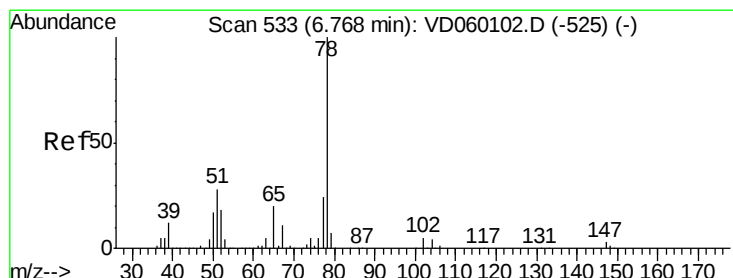
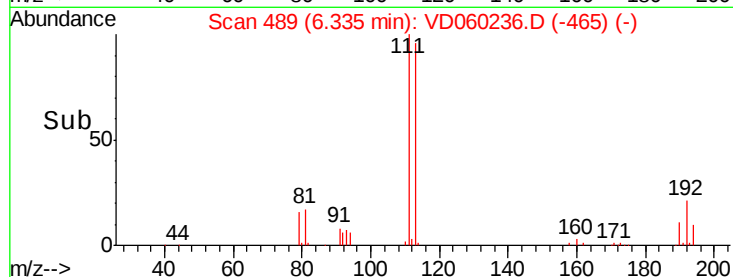
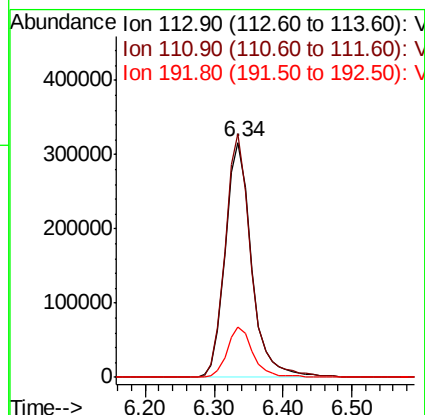
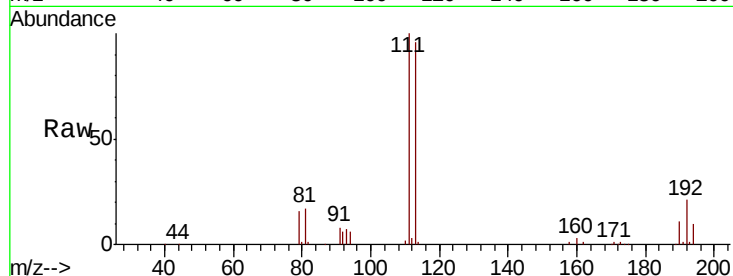




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.34 min Scan# 489
 Delta R.T. 0.04 min
 Lab File: VD060236.D
 Acq: 29 Oct 2018 18:34

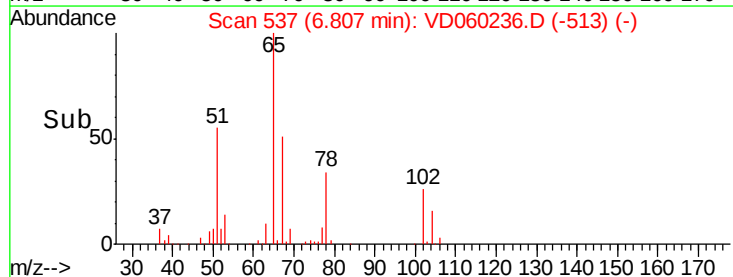
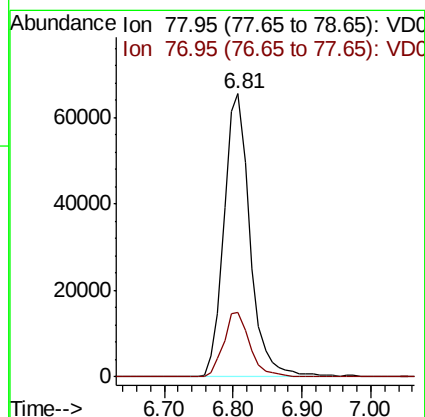
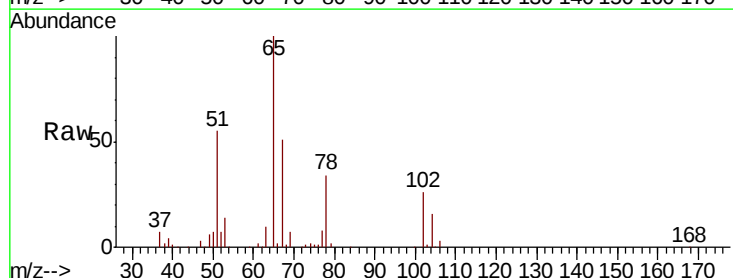
Instrument :
 MSVOA_D
 ClientSampleId :
 HR-05-102618-C

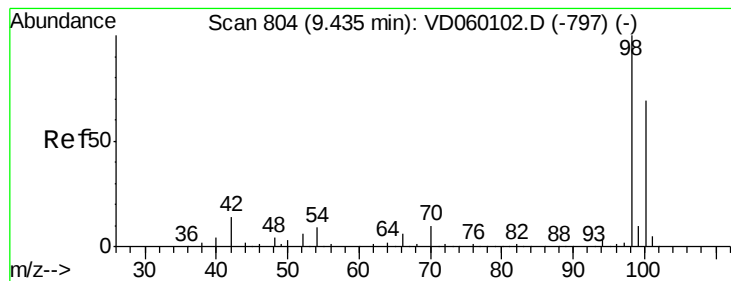
Tot Ion:113 Resp: 838671
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.5 122.3
 192 21.3 17.4 26.0



#40
 Benzene
 Concen: 3.258 ug/l
 RT: 6.81 min Scan# 537
 Delta R.T. 0.04 min
 Lab File: VD060236.D
 Acq: 29 Oct 2018 18:34

Tgt Ion: 78 Resp: 171022
 Ion Ratio Lower Upper
 78 100
 77 22.9 19.0 28.4





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.46 min Scan# 807

Delta R.T. 0.03 min

Lab File: VD060236.D

Acq: 29 Oct 2018 18:34

Instrument :

MSVOA_D

ClientSampleId :

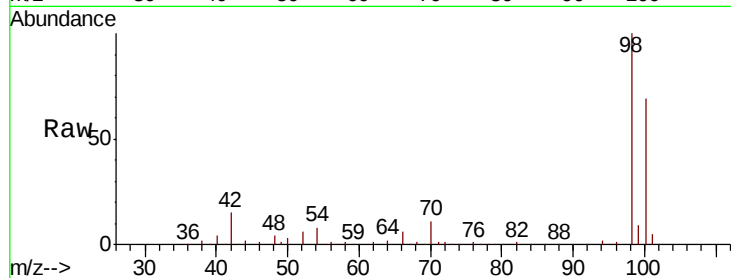
HR-05-102618-C

Tot Ion: 98 Resp: 2183683

Ion Ratio Lower Upper

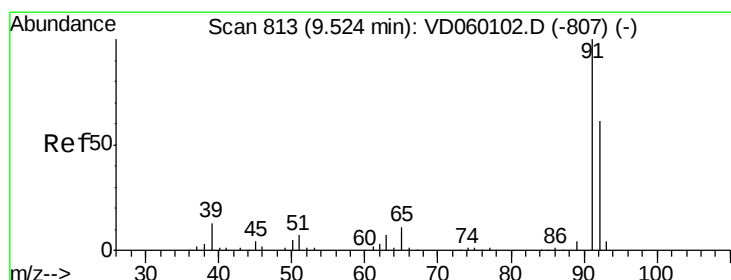
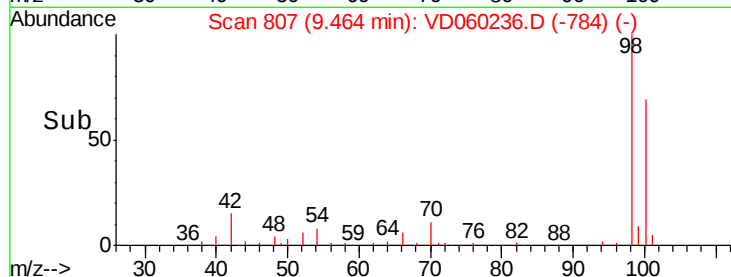
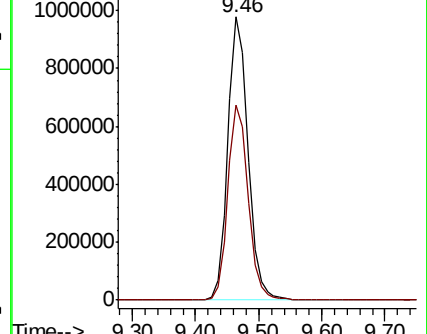
98 100

100 68.7 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#52

Toluene

Concen: 19.485 ug/l

RT: 9.56 min Scan# 817

Delta R.T. 0.04 min

Lab File: VD060236.D

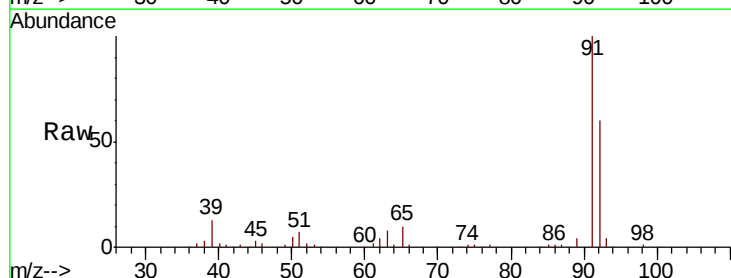
Acq: 29 Oct 2018 18:34

Tgt Ion: 92 Resp: 658795

Ion Ratio Lower Upper

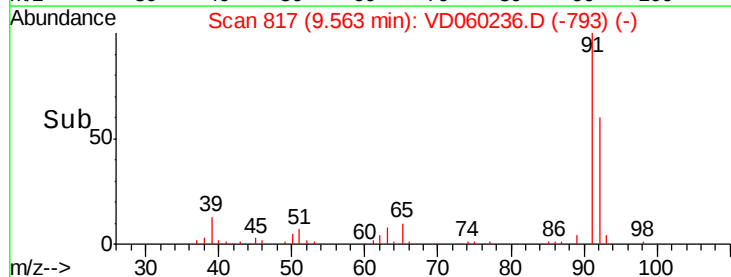
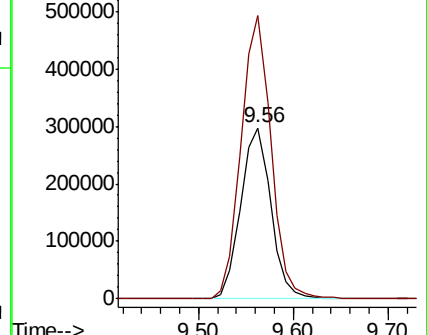
92 100

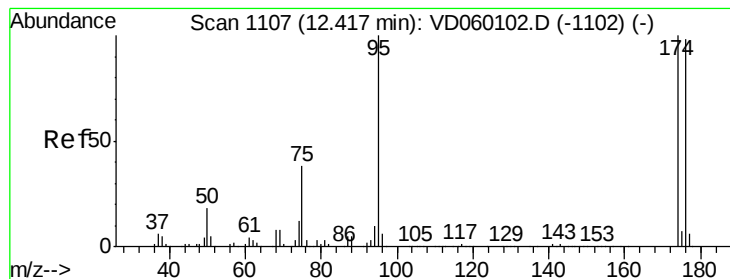
91 165.5 131.9 197.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.44 min Scan# 1109

Delta R.T. 0.02 min

Lab File: VD060236.D

Acq: 29 Oct 2018 18:34

Instrument :

MSVOA_D

ClientSampleId :

HR-05-102618-C

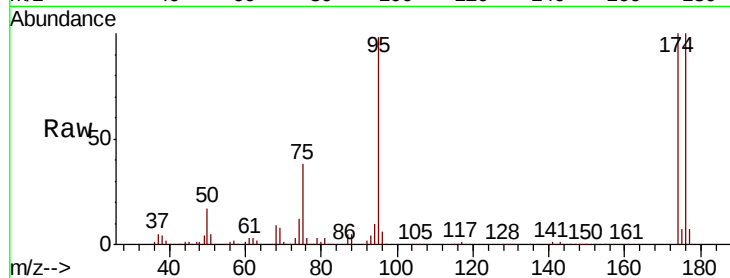
Tot Ion: 95 Resp: 615262

Ion Ratio Lower Upper

95 100

174 101.6 0.0 200.2

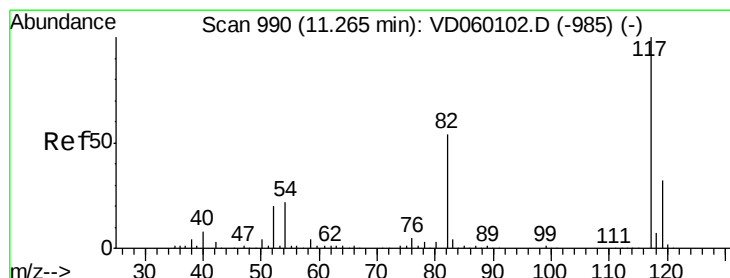
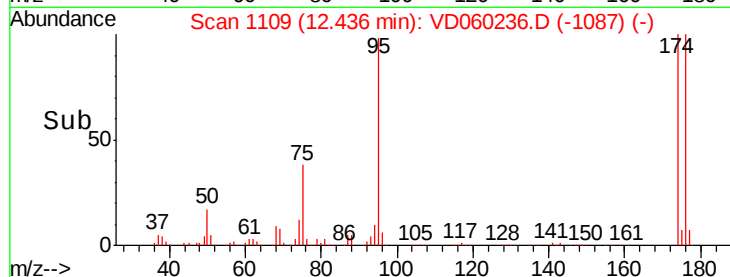
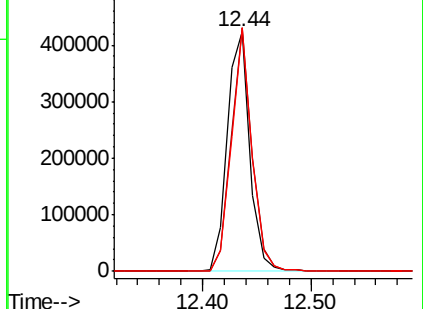
176 101.6 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): V

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: 11.29 min Scan# 993

Delta R.T. 0.03 min

Lab File: VD060236.D

Acq: 29 Oct 2018 18:34

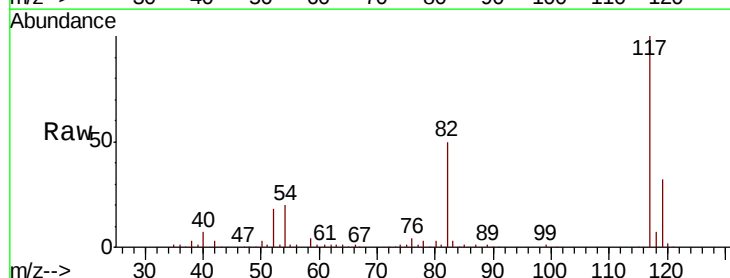
Tgt Ion: 117 Resp: 1423686

Ion Ratio Lower Upper

117 100

82 49.6 43.4 65.2

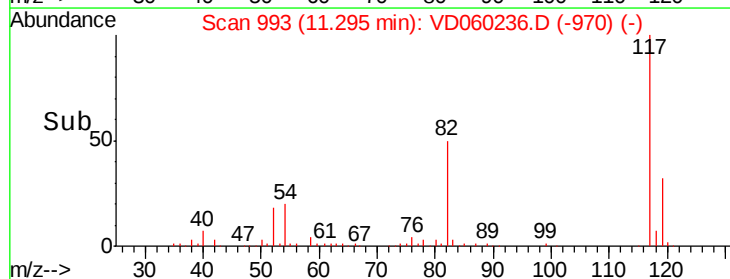
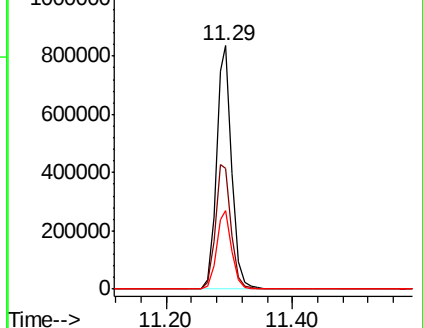
119 32.5 26.0 39.0

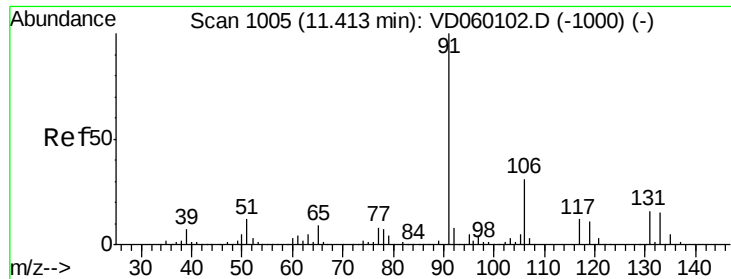


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

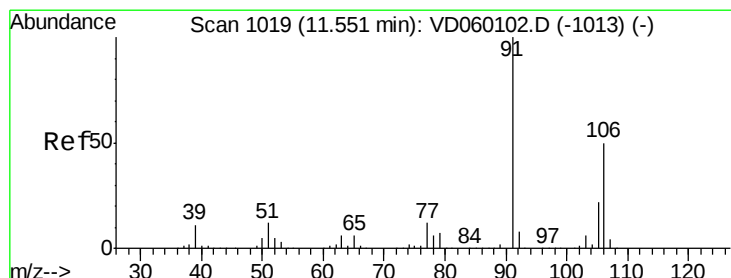
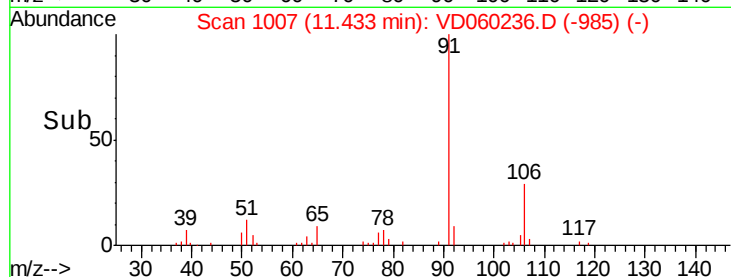
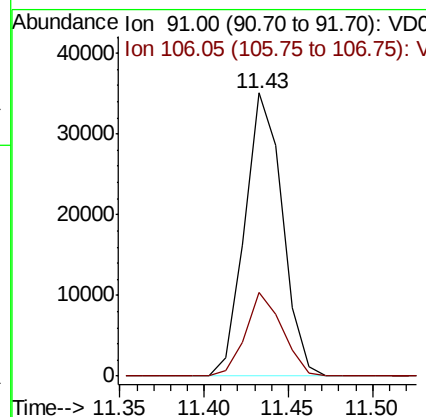
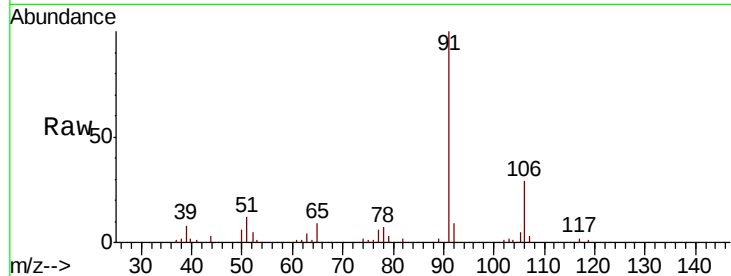




#67
Ethyl Benzene
Concen: 1.086 ug/l
RT: 11.43 min Scan# 1007
Delta R.T. 0.02 min
Lab File: VD060236.D
Acq: 29 Oct 2018 18:34

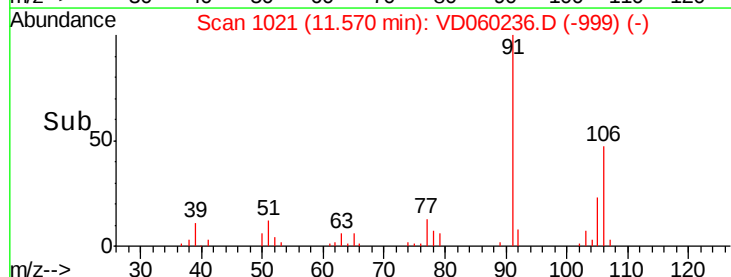
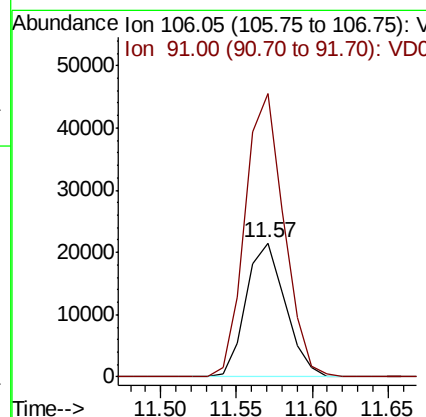
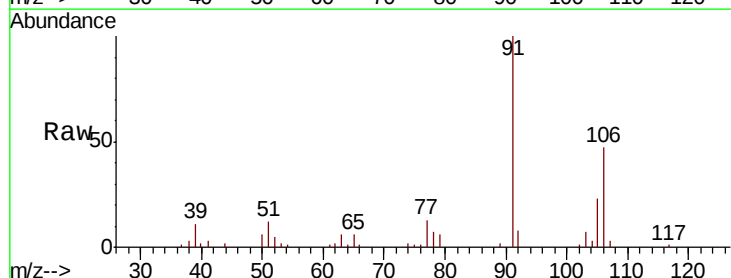
Instrument :
MSVOA_D
ClientSampleId :
HR-05-102618-C

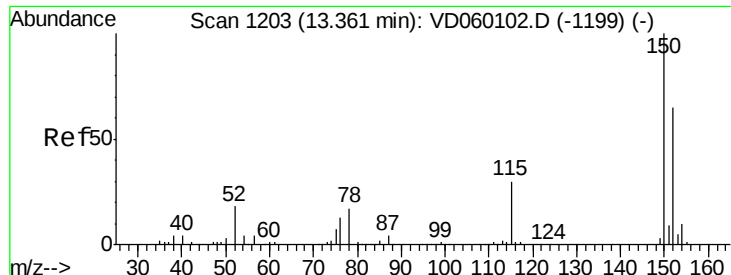
Tot Ion: 91 Resp: 54189
Ion Ratio Lower Upper
91 100
106 29.5 24.4 36.6



#68
m/p-Xylenes
Concen: 2.082 ug/l
RT: 11.57 min Scan# 1021
Delta R.T. 0.02 min
Lab File: VD060236.D
Acq: 29 Oct 2018 18:34

Tgt Ion: 106 Resp: 38818
Ion Ratio Lower Upper
106 100
91 211.7 160.0 240.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.38 min Scan# 1205

Delta R.T. 0.02 min

Lab File: VD060236.D

Acq: 29 Oct 2018 18:34

Instrument :

MSVOA_D

ClientSampleId :

HR-05-102618-C

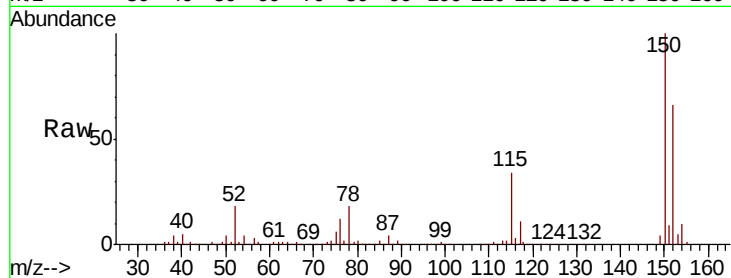
Tot Ion:152 Resp: 475250

Ion Ratio Lower Upper

152 100

115 50.9 27.1 81.2

150 151.7 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

