

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111218\
 Data File : VD060341.D
 Acq On : 12 Nov 2018 16:57
 Operator : JC/SY
 Sample : J5766-01
 Misc : 6.14g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-110918

Quant Time: Nov 13 01:33:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

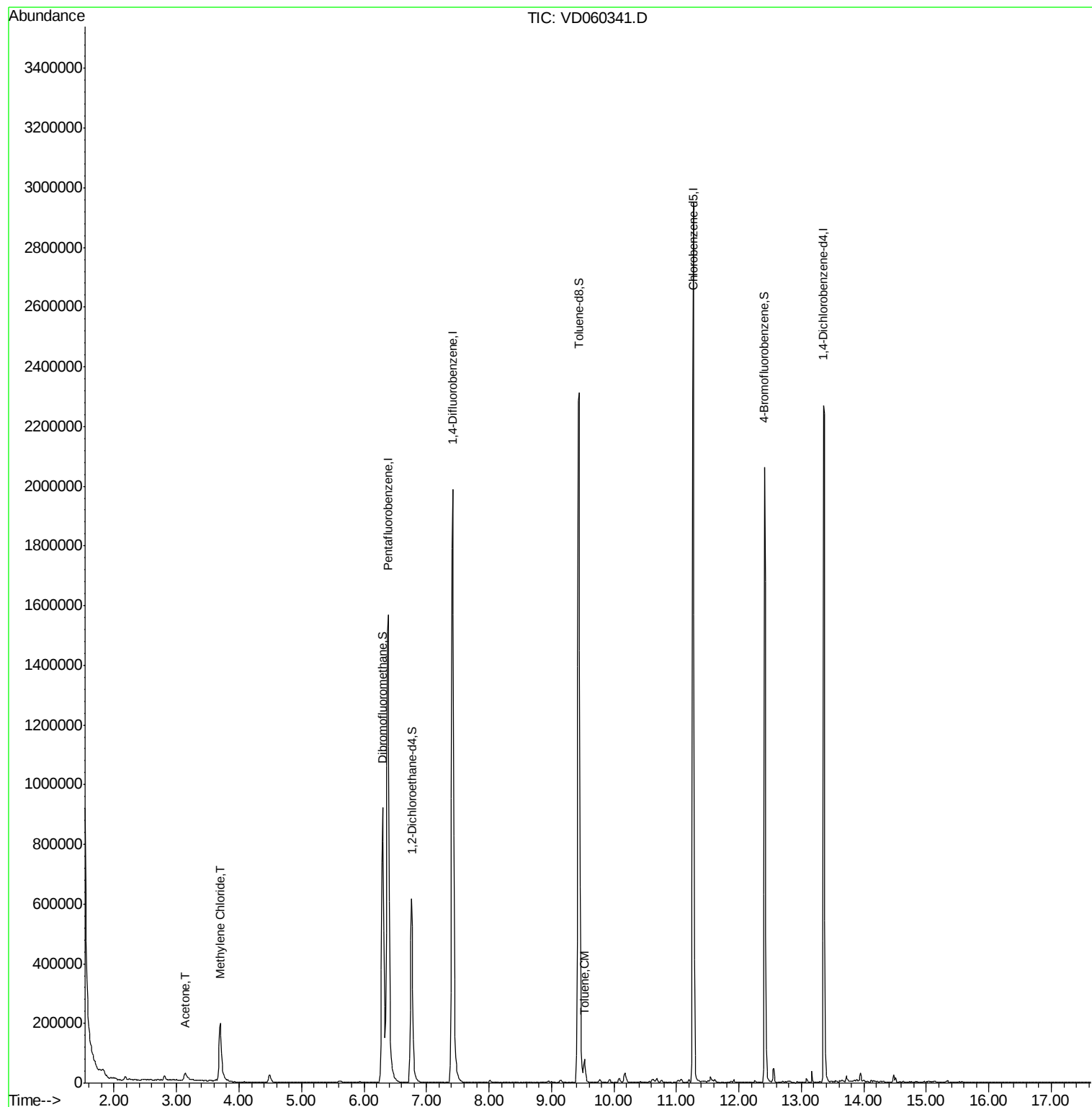
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1595595	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.42	114	2156225	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.27	117	1590744	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	591895	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	522297	45.72	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	91.44%	
35) Dibromofluoromethane	6.30	113	738990	45.96	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	91.92%	
50) Toluene-d8	9.44	98	1963169	41.72	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	83.44%	
62) 4-Bromofluorobenzene	12.41	95	595429	34.92	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	69.84%	
Target Compounds						
16) Acetone	3.14	43	59893	30.222	ug/l	99
20) Methylene Chloride	3.70	84	134864	7.672	ug/l	93
52) Toluene	9.53	92	35468	1.021	ug/l	99

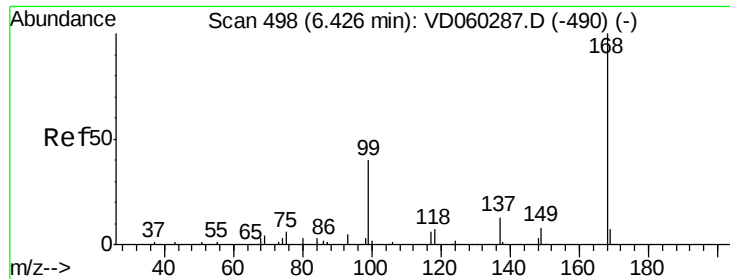
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111218\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 494

Delta R.T. -0.04 min

Lab File: VD060341.D

Acq: 12 Nov 2018 16:57

Instrument :

MSVOA_D

ClientSampleId :

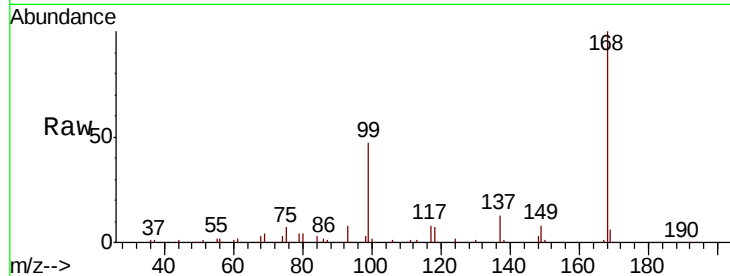
HD-01-110918

Tot Ion:168 Resp: 1595595

Ion Ratio Lower Upper

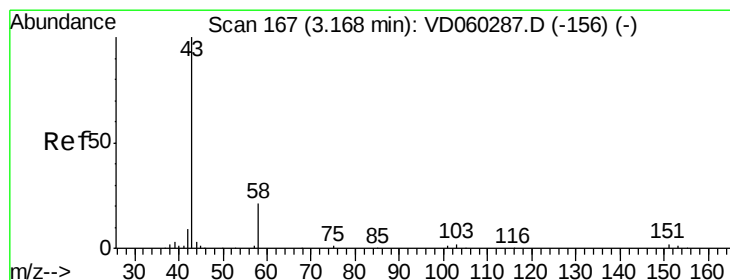
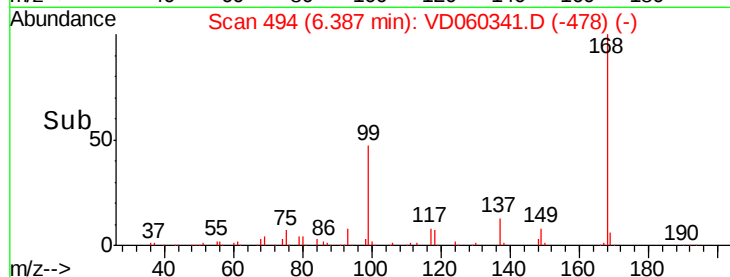
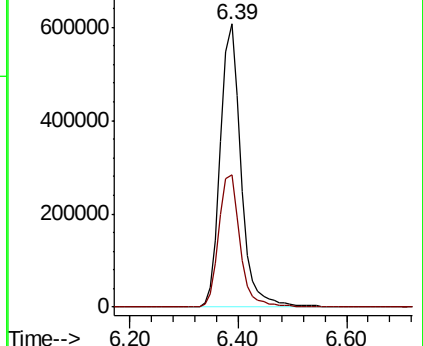
168 100

99 46.6 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 30.222 ug/l

RT: 3.14 min Scan# 164

Delta R.T. -0.03 min

Lab File: VD060341.D

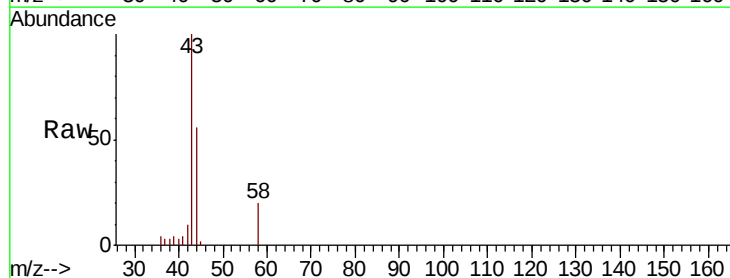
Acq: 12 Nov 2018 16:57

Tgt Ion: 43 Resp: 59893

Ion Ratio Lower Upper

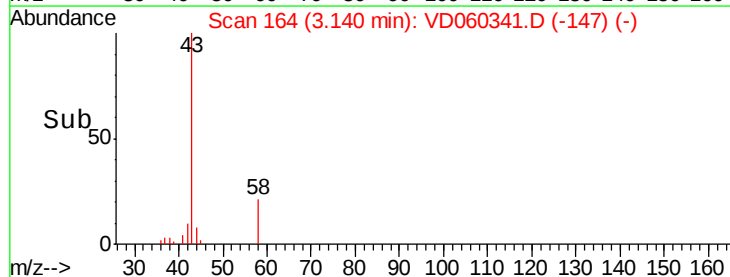
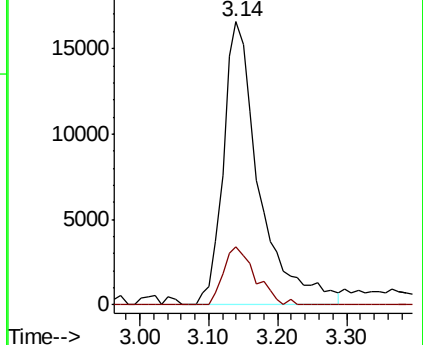
43 100

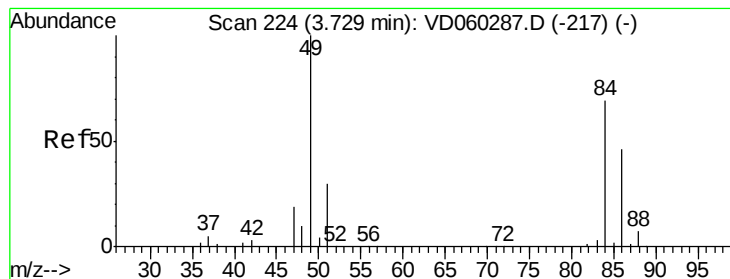
58 20.5 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methvlene Chloride

Concen: 7.672 ug/l

RT: 3.70 min Scan# 221

Delta R.T. -0.03 min

Lab File: VD060341.D

Acq: 12 Nov 2018 16:57

Instrument :

MSVOA_D

ClientSampleId :

HD-01-110918

Tot Ion: 84 Resp: 134864

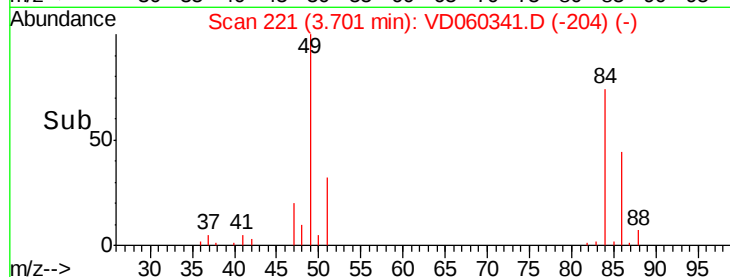
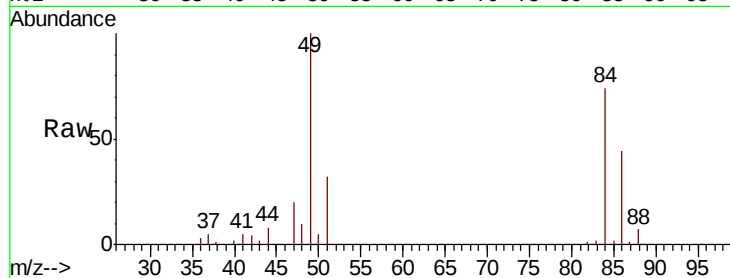
Ion Ratio Lower Upper

84 100

49 135.2 115.6 173.4

51 43.2 35.6 53.4

86 59.1 52.3 78.5

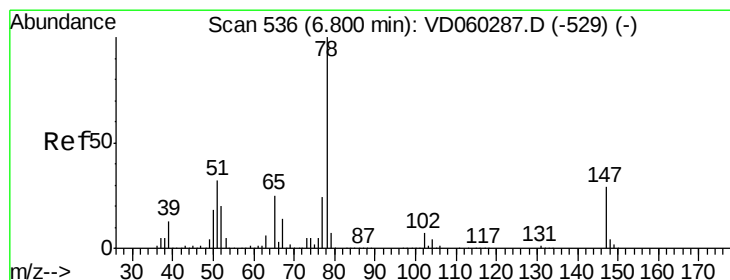
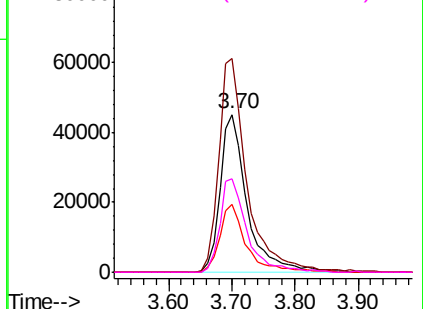


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 6.76 min Scan# 532

Delta R.T. -0.04 min

Lab File: VD060341.D

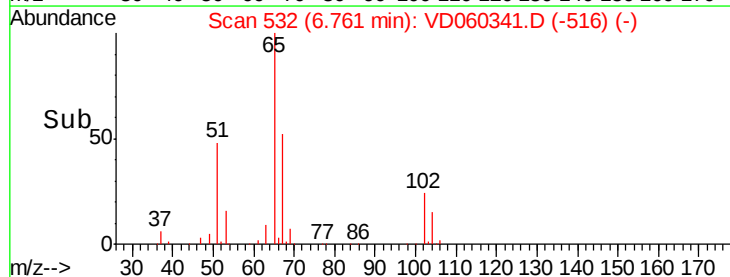
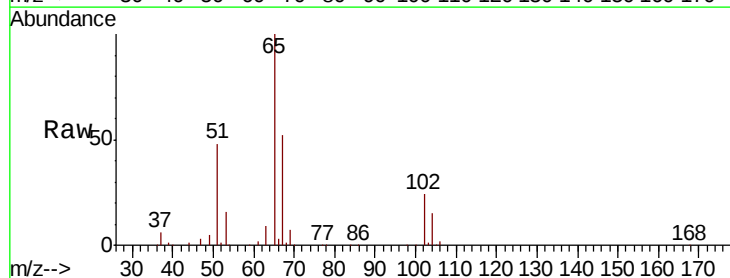
Acq: 12 Nov 2018 16:57

Tgt Ion: 65 Resp: 522297

Ion Ratio Lower Upper

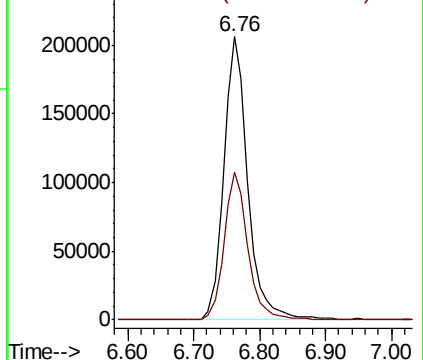
65 100

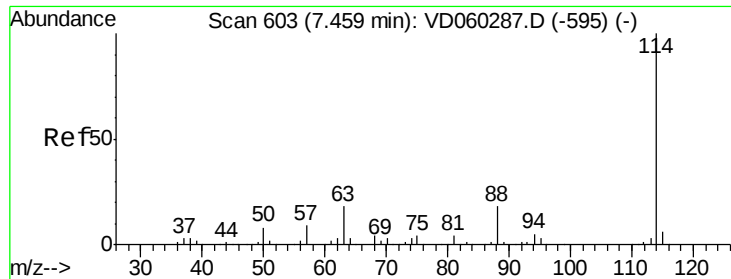
67 52.4 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

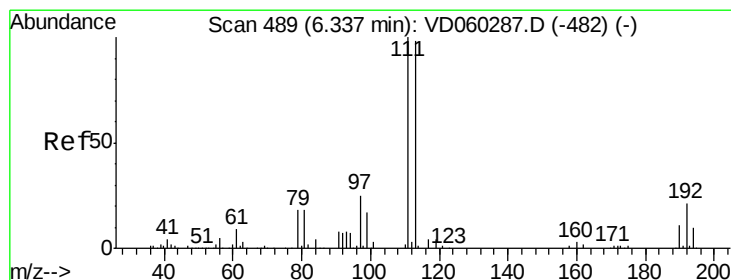
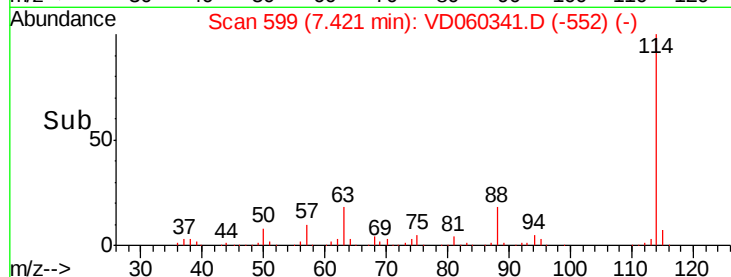
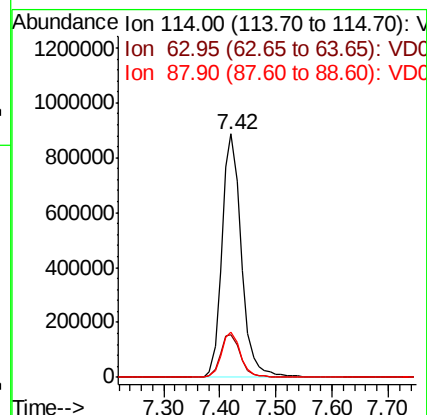
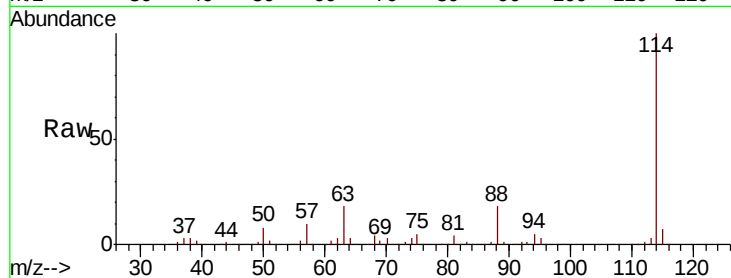




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. -0.04 min
 Lab File: VD060341.D
 Acq: 12 Nov 2018 16:57

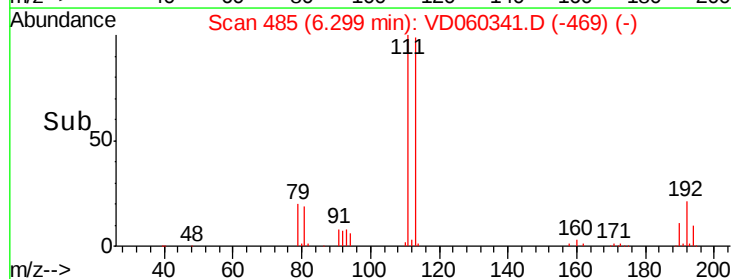
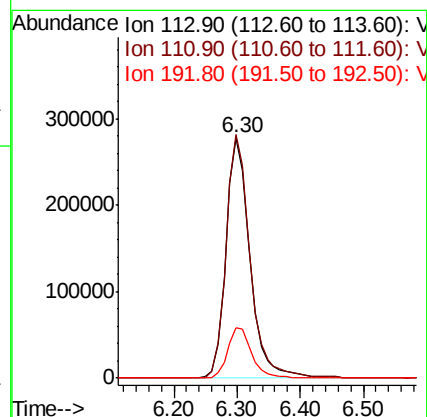
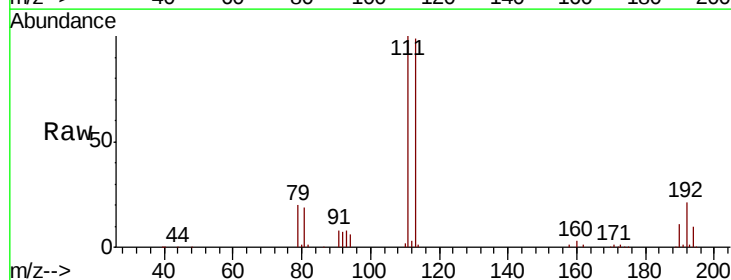
Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-110918

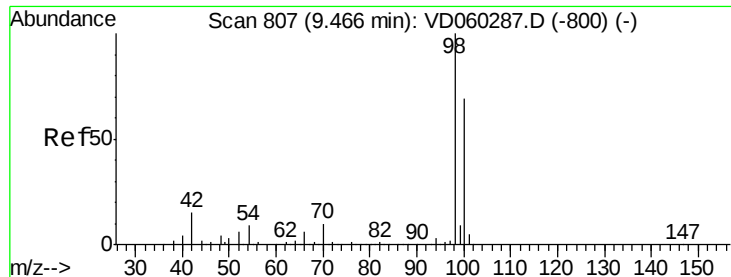
Tot Ion:114 Resp: 2156225
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 34.0
 88 18.4 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.30 min Scan# 485
 Delta R.T. -0.04 min
 Lab File: VD060341.D
 Acq: 12 Nov 2018 16:57

Tgt Ion:113 Resp: 738990
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.6 122.4
 192 21.0 16.5 24.7





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.44 min Scan# 804

Delta R.T. -0.03 min

Lab File: VD060341.D

Acq: 12 Nov 2018 16:57

Instrument :

MSVOA_D

ClientSampleId :

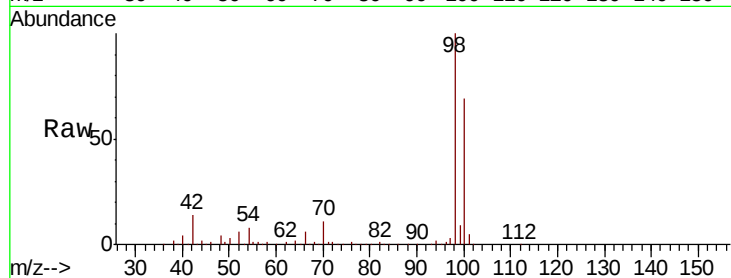
HD-01-110918

Tot Ion: 98 Resp: 1963169

Ion Ratio Lower Upper

98 100

100 68.7 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

1000000

800000

600000

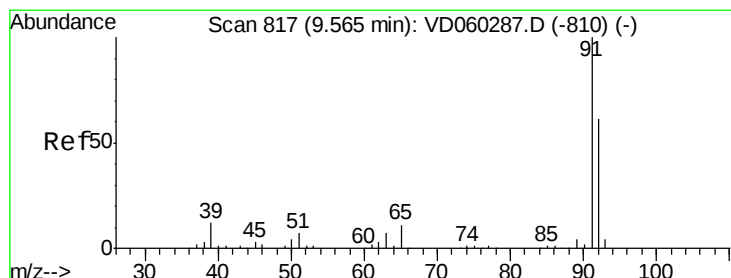
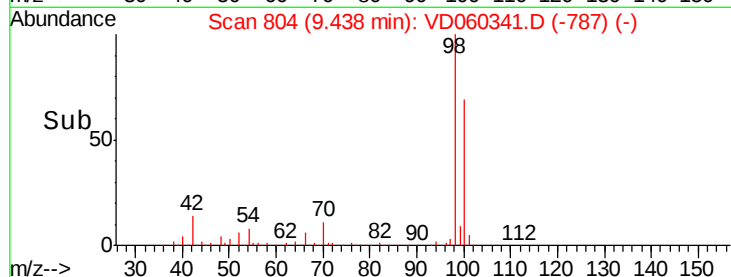
400000

200000

0

9.30 9.40 9.50 9.60

Time-->



#52

Toluene

Concen: 1.021 ug/l

RT: 9.53 min Scan# 813

Delta R.T. -0.04 min

Lab File: VD060341.D

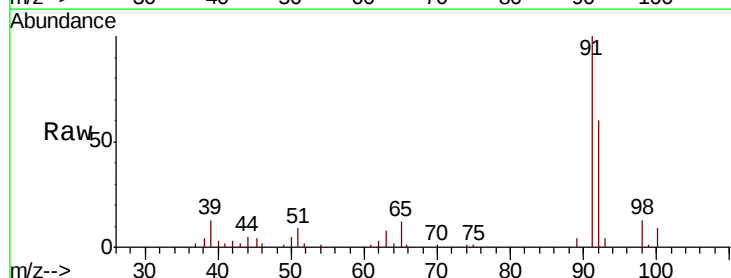
Acq: 12 Nov 2018 16:57

Tgt Ion: 92 Resp: 35468

Ion Ratio Lower Upper

92 100

91 166.1 131.9 197.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

30000

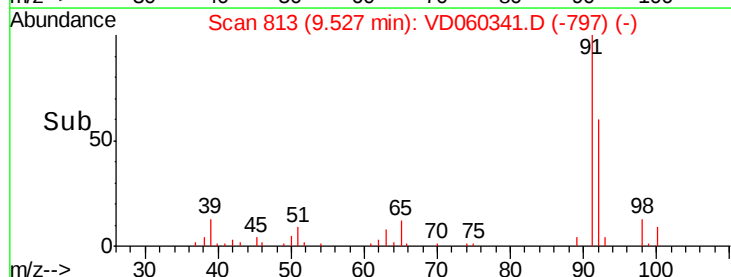
20000

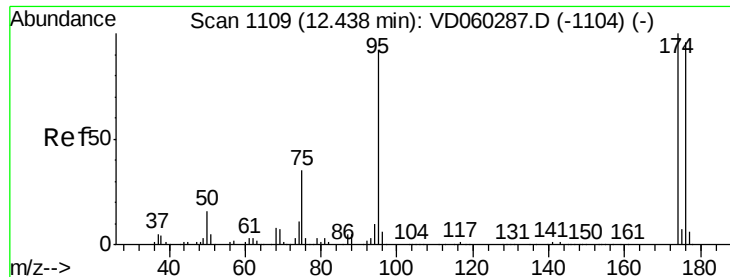
10000

0

9.45 9.50 9.55 9.60

Time-->





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.41 min Scan# 1106

Delta R.T. -0.03 min

Lab File: VD060341.D

Acq: 12 Nov 2018 16:57

Instrument :

MSVOA_D

ClientSampleId :

HD-01-110918

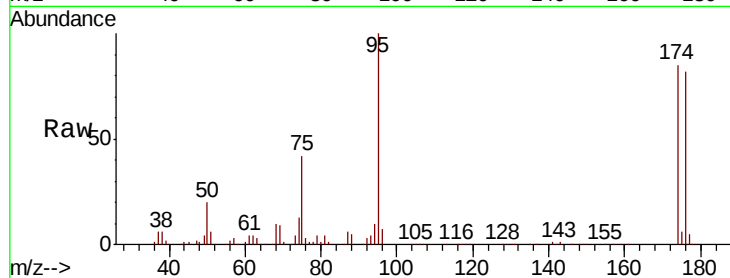
Tot Ion: 95 Resp: 595429

Ion Ratio Lower Upper

95 100

174 85.0 0.0 160.8

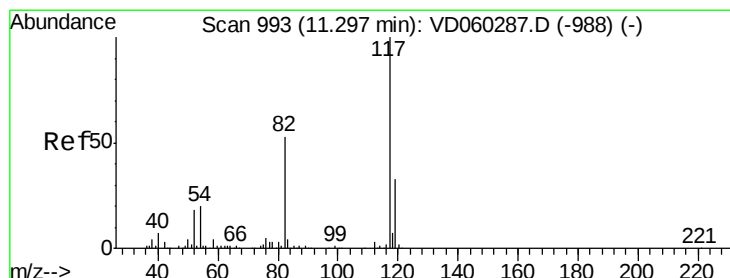
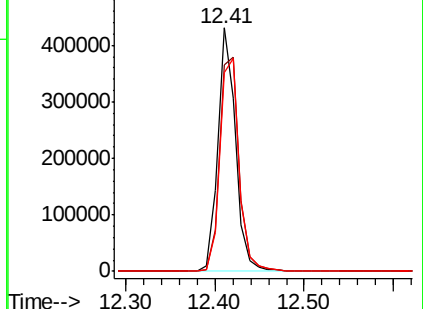
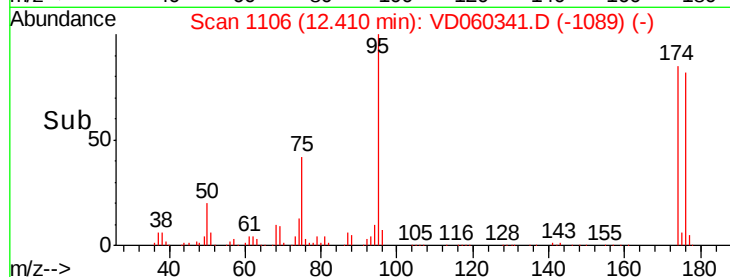
176 81.6 0.0 154.6



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: 11.27 min Scan# 990

Delta R.T. -0.03 min

Lab File: VD060341.D

Acq: 12 Nov 2018 16:57

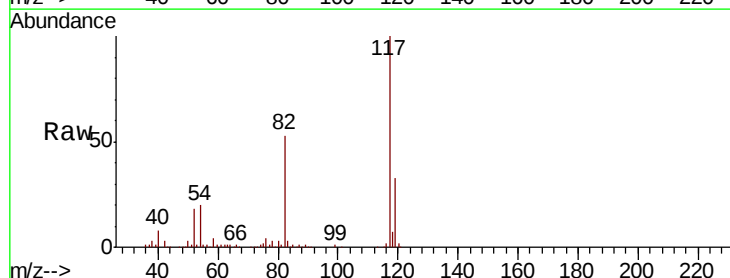
Tgt Ion: 117 Resp: 1590744

Ion Ratio Lower Upper

117 100

82 53.1 43.7 65.5

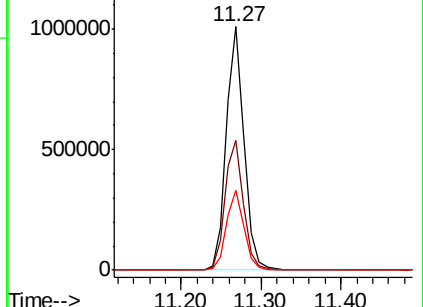
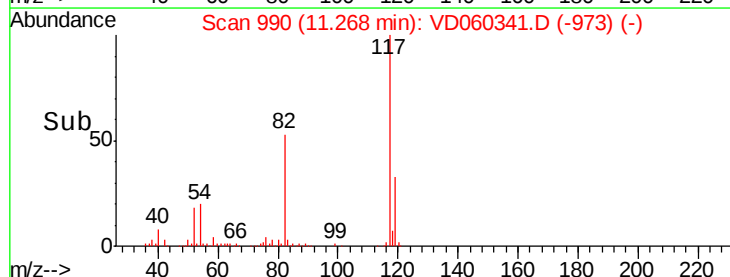
119 32.8 26.1 39.1

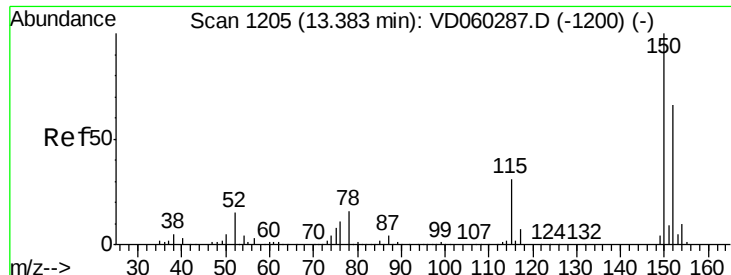


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

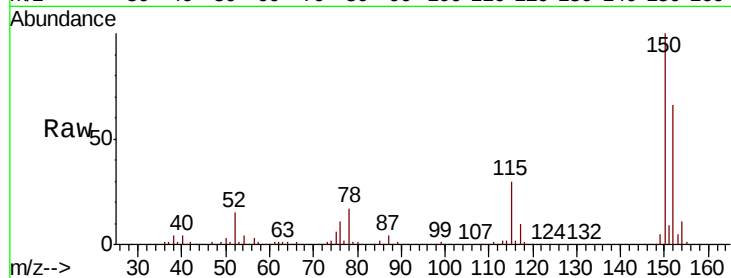




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.36 min Scan# 1203
 Delta R.T. -0.02 min
 Lab File: VD060341.D
 Acq: 12 Nov 2018 16:57

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-110918

Tot Ion	Ratio	Lower	Upper
152	100		
115	45.8	24.1	72.3
150	150.4	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

