

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD013019\
 Data File : VD060808.D
 Acq On : 30 Jan 2019 16:25
 Operator : VA/AP
 Sample : K1282-21RE
 Misc : 4.44g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6RE

Quant Time: Jan 31 07:00:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 29 13:53:55 2019
 Response via : Initial Calibration

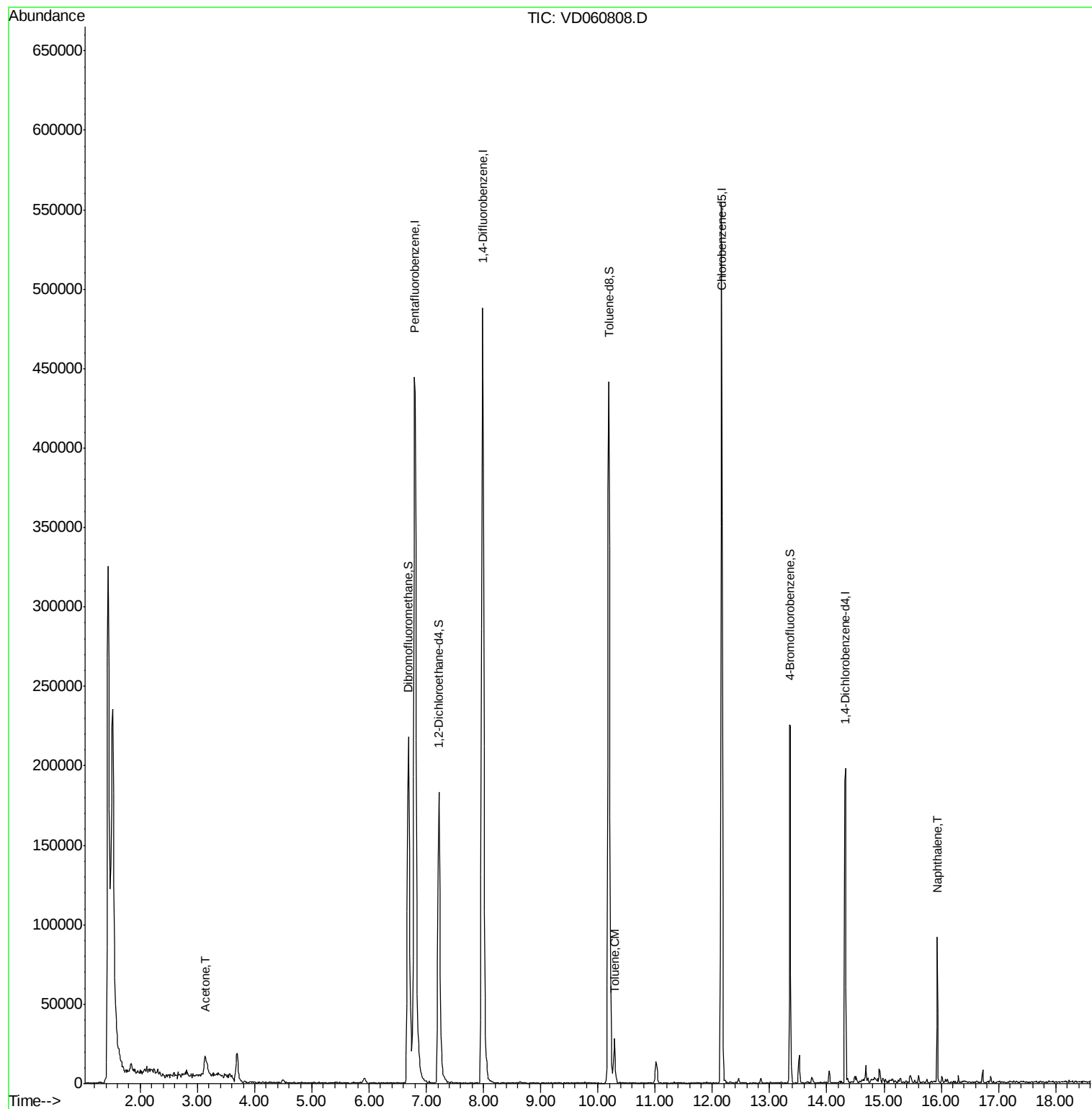
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.80	168	396642	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.99	114	480584	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.16	117	248774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.33	152	39523	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.22	65	233698	38.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.86%	
35) Dibromofluoromethane	6.69	113	191856	41.63	ug/l	0.01
Spiked Amount 50.000			Recovery	=	83.26%	
50) Toluene-d8	10.19	98	347816	32.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.64%	
62) 4-Bromofluorobenzene	13.35	95	66522	12.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	24.60%	
Target Compounds						
16) Acetone	3.13	43	36017	41.009	ug/l	Qvalue 100
52) Toluene	10.29	92	10735	1.494	ug/l	87
95) Naphthalene	15.93	128	46300	28.939	ug/l #	96

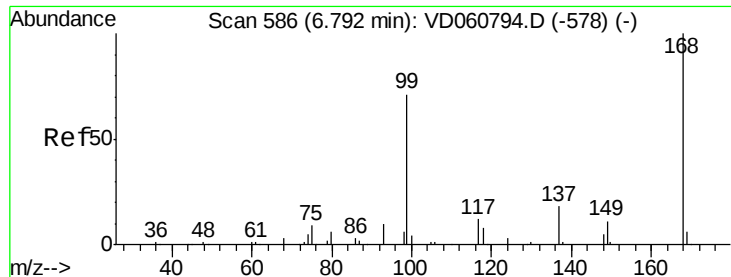
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD013019\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D012819S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 29 13:53:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.80 min Scan# 587

Delta R.T. 0.01 min

Lab File: VD060808.D

Acq: 30 Jan 2019 16:25

Instrument :

MSVOA_D

ClientSampled :

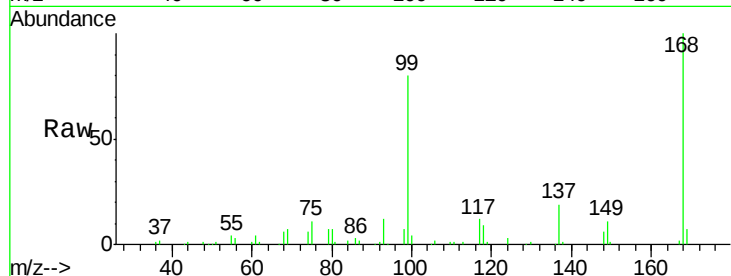
TP-6RE

Tot Ion:168 Resp: 396642

Ion Ratio Lower Upper

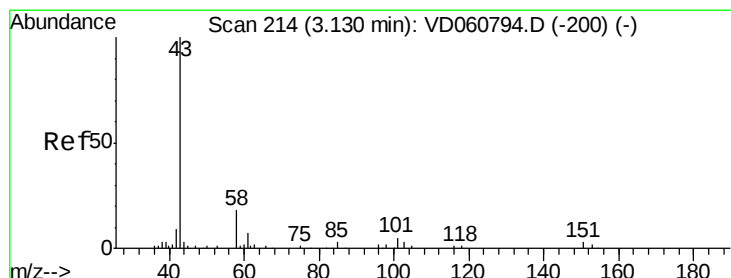
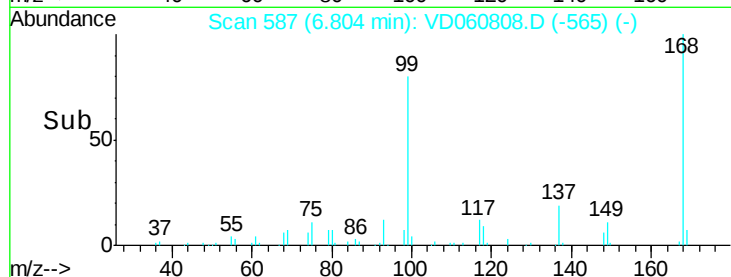
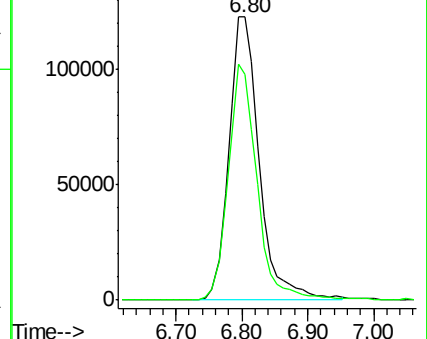
168 100

99 79.8 59.2 88.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 41.009 ug/l

RT: 3.13 min Scan# 214

Delta R.T. 0.00 min

Lab File: VD060808.D

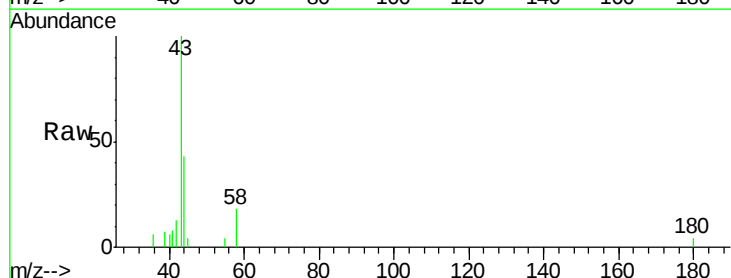
Acq: 30 Jan 2019 16:25

Tgt Ion: 43 Resp: 36017

Ion Ratio Lower Upper

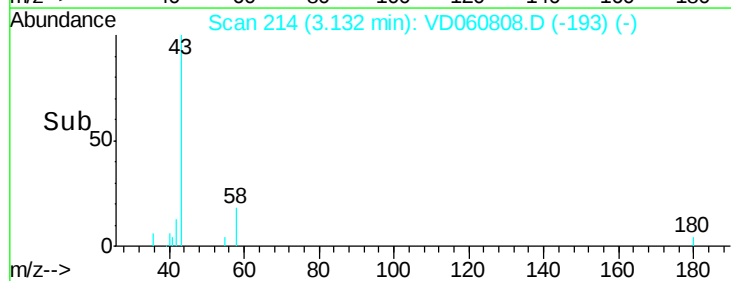
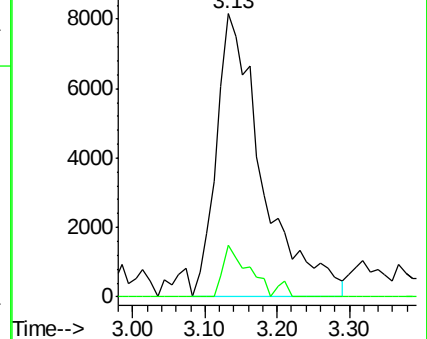
43 100

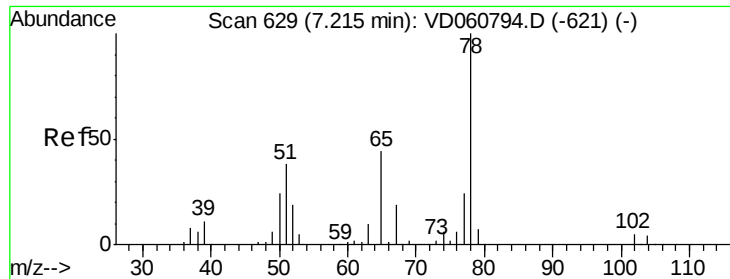
58 18.3 14.5 21.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

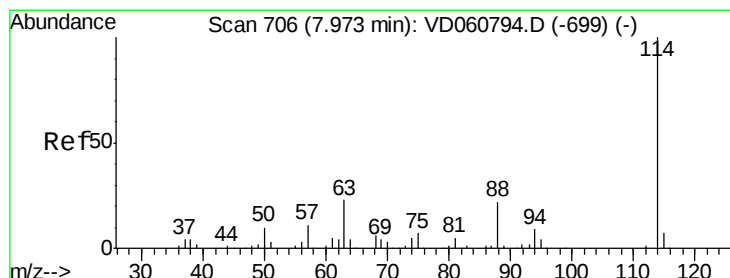
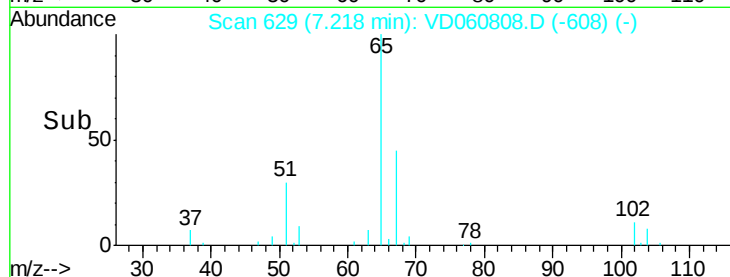
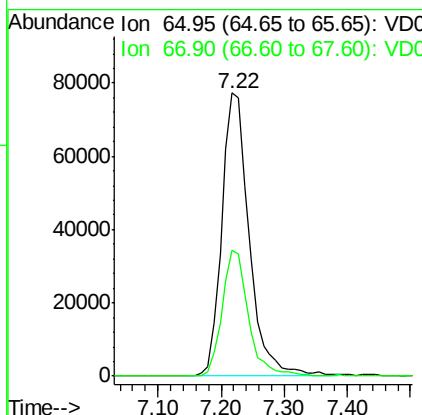
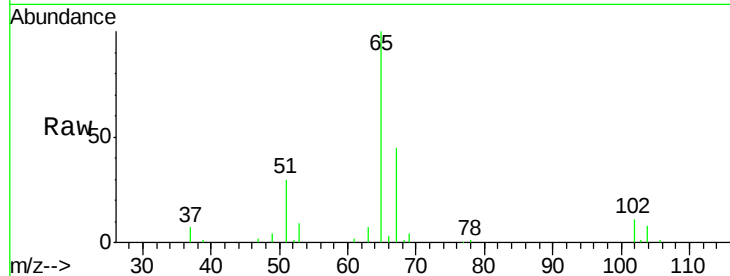




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.22 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: VD060808.D
 Acq: 30 Jan 2019 16:25

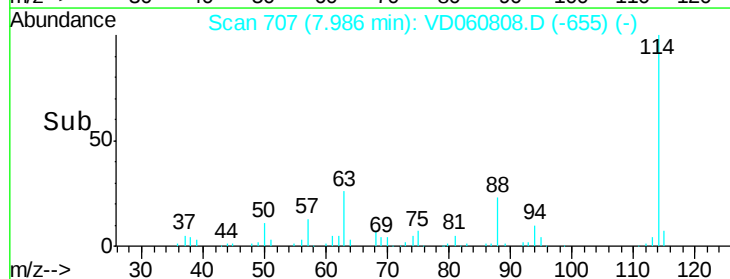
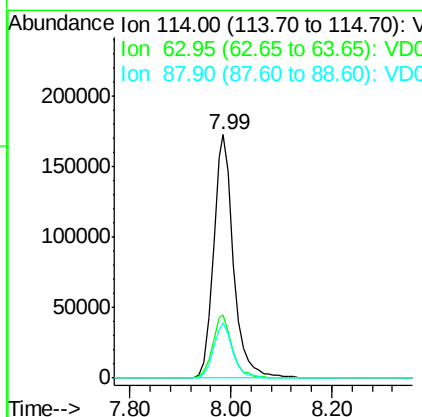
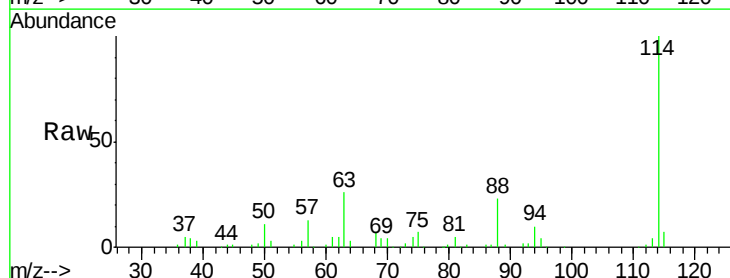
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6RE

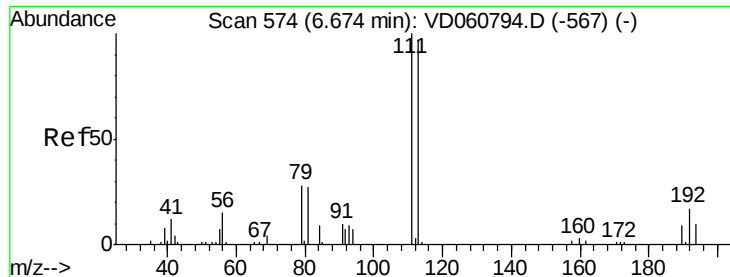
Tot Ion: 65 Resp: 233698
 Ion Ratio Lower Upper
 65 100
 67 44.5 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.99 min Scan# 707
 Delta R.T. 0.01 min
 Lab File: VD060808.D
 Acq: 30 Jan 2019 16:25

Tgt Ion: 114 Resp: 480584
 Ion Ratio Lower Upper
 114 100
 63 25.9 0.0 46.6
 88 23.0 0.0 44.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.69 min Scan# 575

Delta R.T. 0.01 min

Lab File: VD060808.D

Acq: 30 Jan 2019 16:25

Instrument :

MSVOA_D

ClientSampleId :

TP-6RE

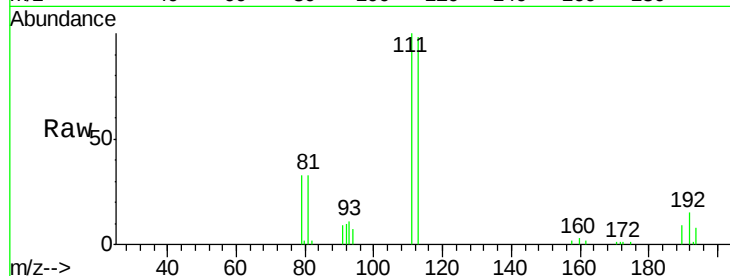
Tot Ion:113 Resp: 191856

Ion Ratio Lower Upper

113 100

111 101.9 82.3 123.5

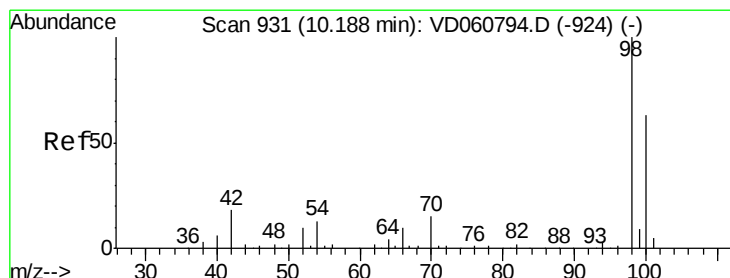
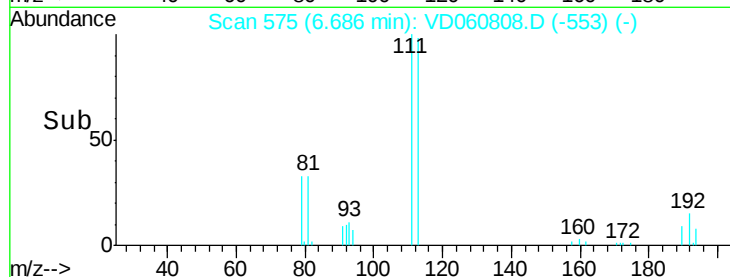
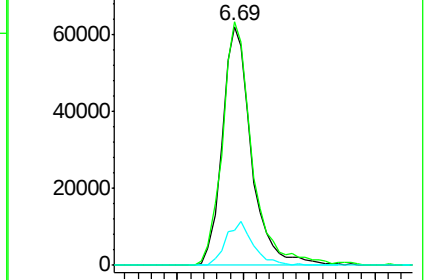
192 14.8 14.4 21.6



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: 10.19 min Scan# 931

Delta R.T. 0.00 min

Lab File: VD060808.D

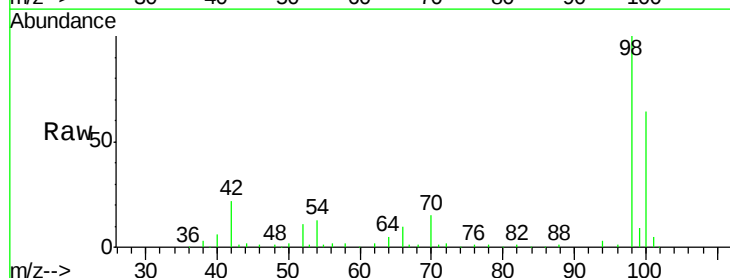
Acq: 30 Jan 2019 16:25

Tgt Ion: 98 Resp: 347816

Ion Ratio Lower Upper

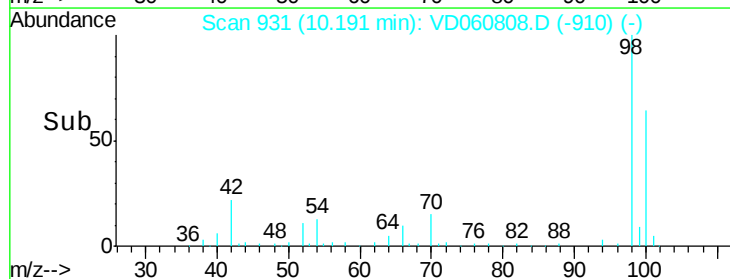
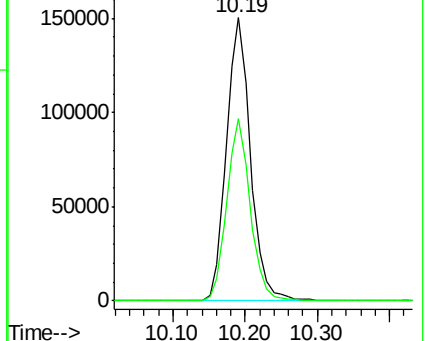
98 100

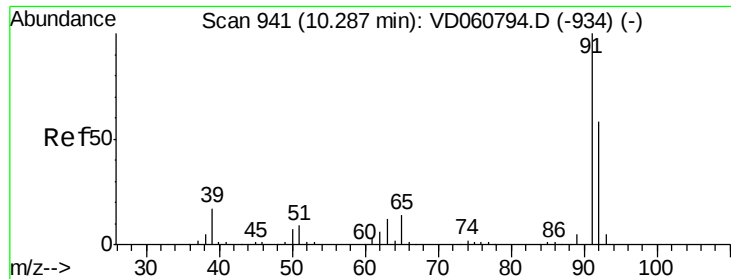
100 64.3 51.0 76.6



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 1.494 ug/l

RT: 10.29 min Scan# 941

Delta R.T. 0.00 min

Lab File: VD060808.D

Acq: 30 Jan 2019 16:25

Instrument :

MSVOA_D

ClientSampleId :

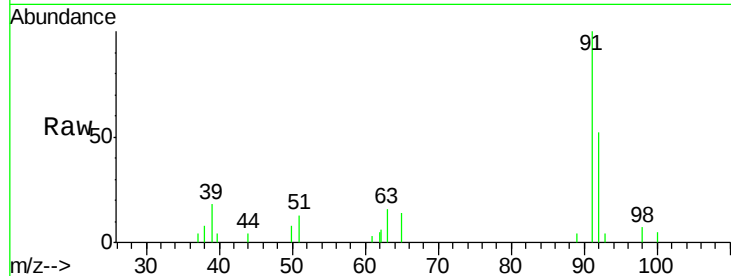
TP-6RE

Tot Ion: 92 Resp: 10735

Ion Ratio Lower Upper

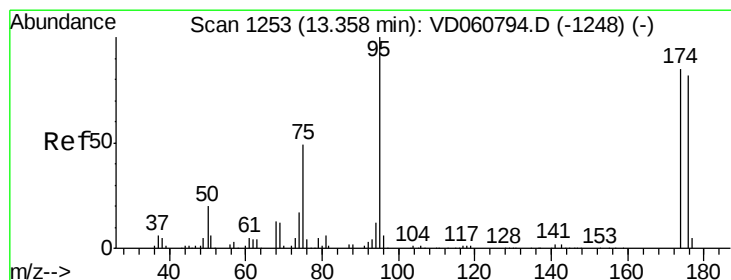
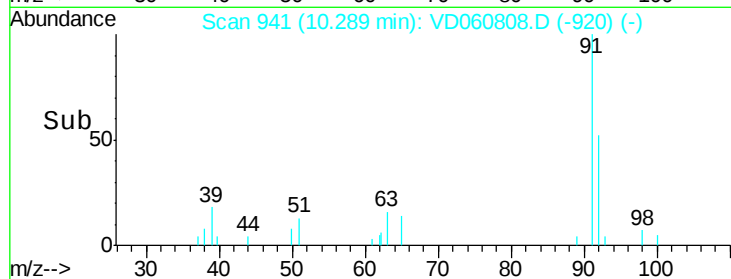
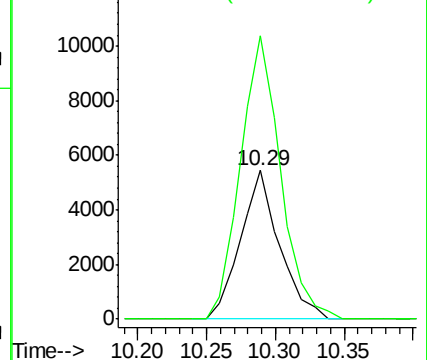
92 100

91 190.6 137.7 206.5



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: 13.35 min Scan# 1252

Delta R.T. -0.01 min

Lab File: VD060808.D

Acq: 30 Jan 2019 16:25

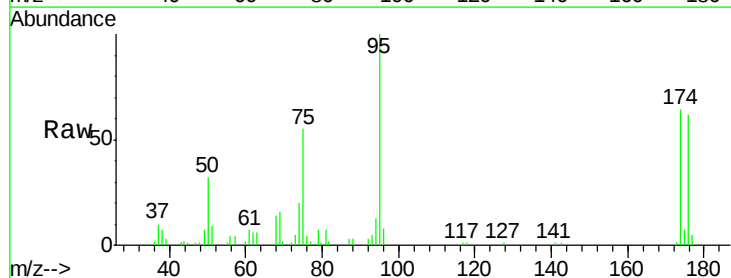
Tgt Ion: 95 Resp: 66522

Ion Ratio Lower Upper

95 100

174 63.5 0.0 169.6

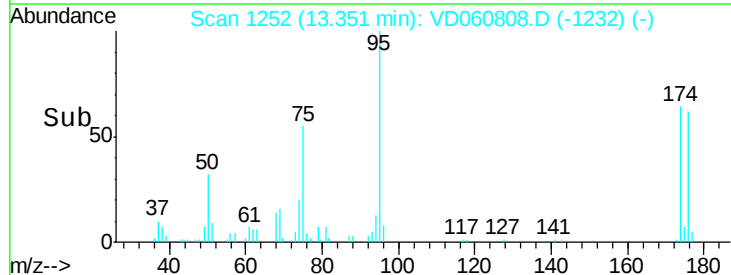
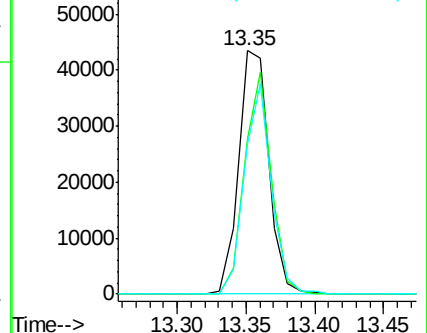
176 61.5 0.0 163.8

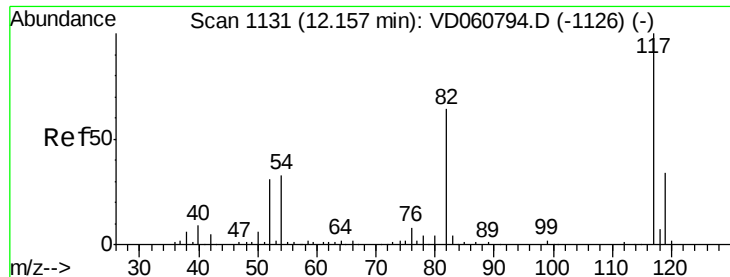


Abundance Ion 95.00 (94.70 to 95.70): VDC

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: 12.16 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VD060808.D

Acq: 30 Jan 2019 16:25

Instrument :

MSVOA_D

ClientSampleId :

TP-6RE

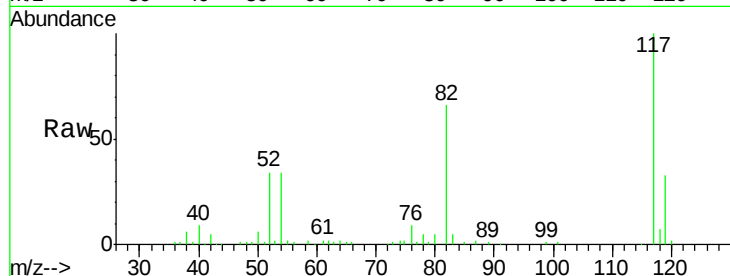
Tot Ion:117 Resp: 248774

Ion Ratio Lower Upper

117 100

82 66.2 51.5 77.3

119 32.9 27.1 40.7

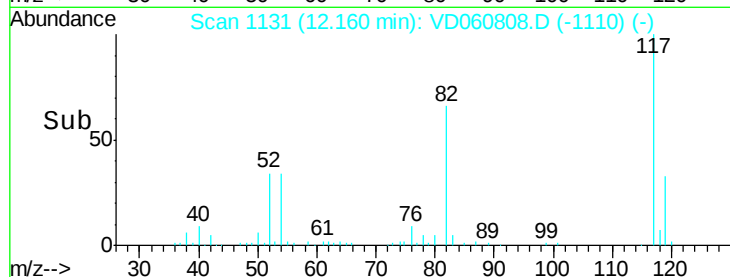


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

Time-->



12.16

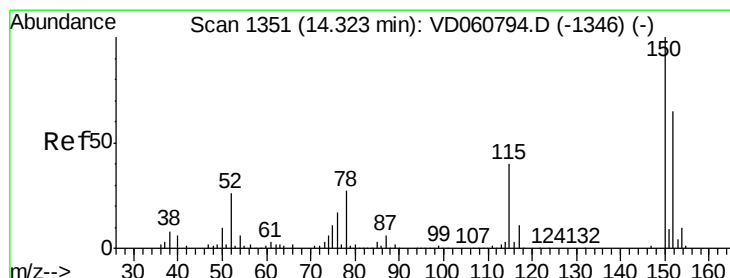
150000

100000

50000

0

12.10 12.20 12.30



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.33 min Scan# 1351

Delta R.T. 0.00 min

Lab File: VD060808.D

Acq: 30 Jan 2019 16:25

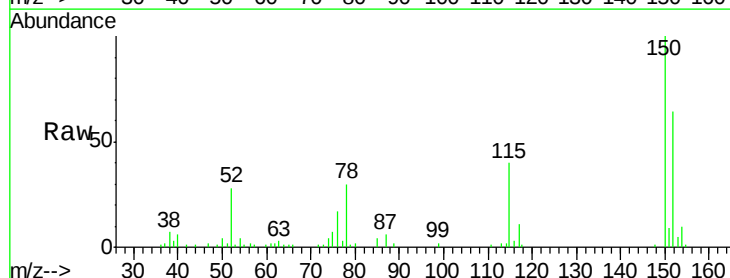
Tgt Ion:152 Resp: 39523

Ion Ratio Lower Upper

152 100

115 62.4 31.6 95.0

150 156.8 0.0 317.6

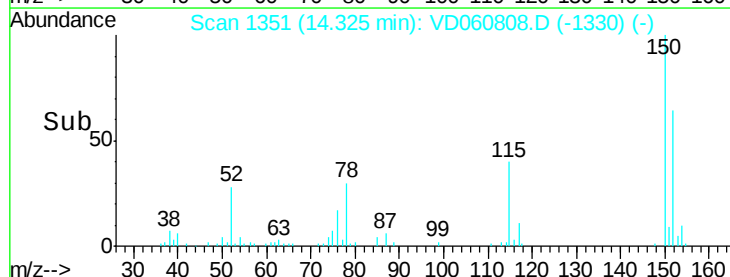


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

Time-->



14.33

60000

50000

40000

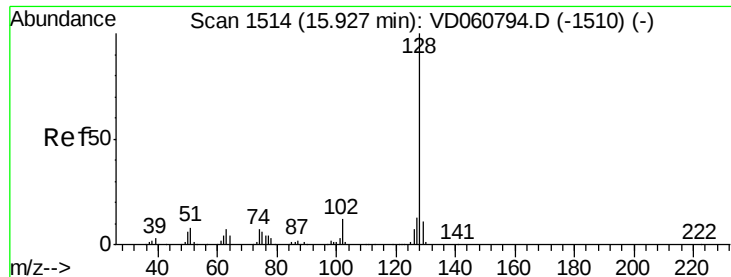
30000

20000

10000

0

14.25 14.30 14.35



#95

Naphthalene

Concen: 28.939 ug/l

RT: 15.93 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VD060808.D

Acq: 30 Jan 2019 16:25

Instrument :

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ClientSampleId :

TP-6RE

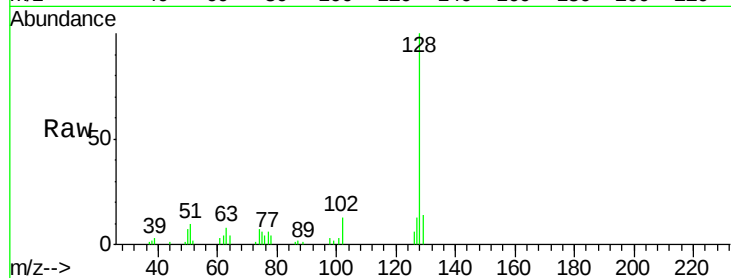
Tot Ion:128 Resp: 46300

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 14.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

