

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD013019\
 Data File : VD060804.D
 Acq On : 30 Jan 2019 14:31
 Operator : VA/AP
 Sample : K1282-05RE
 Misc : 5.45g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2RE

Quant Time: Jan 31 06:51:48 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

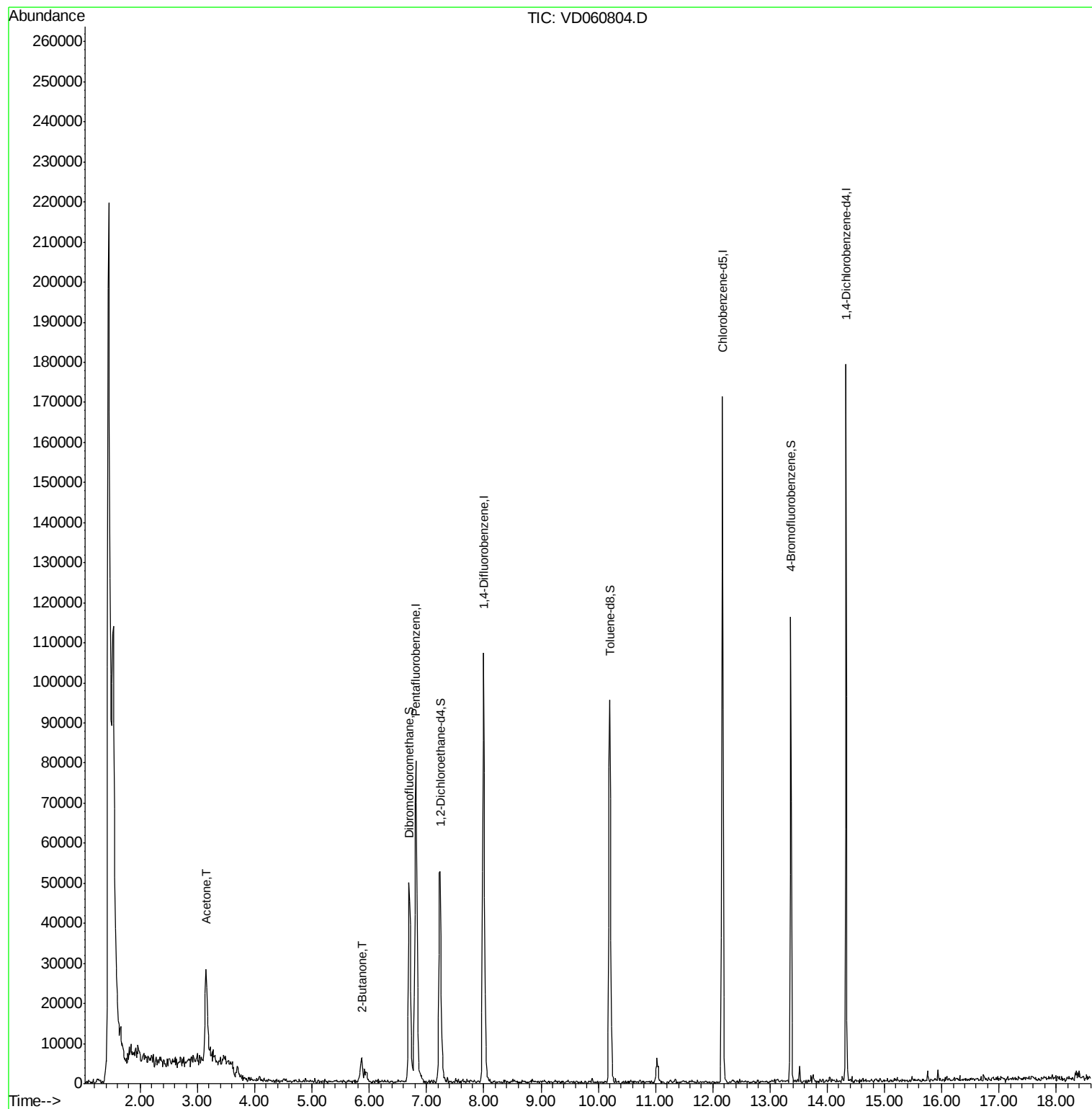
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.81	168	73710	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.00	114	98873	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.17	117	78527	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.33	152	31369	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.24	65	63851	56.50	ug/l	0.02
Spiked Amount	50.000		Recovery	=	113.00%	
35) Dibromofluoromethane	6.70	113	43929	46.33	ug/l	0.02
Spiked Amount	50.000		Recovery	=	92.66%	
50) Toluene-d8	10.20	98	74395	33.60	ug/l	0.01
Spiked Amount	50.000		Recovery	=	67.20%	
62) 4-Bromofluorobenzene	13.36	95	32129	28.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.74%	
Target Compounds						
16) Acetone	3.15	43	55530	340.226	ug/l #	88
25) 2-Butanone	5.87	43	13016	62.305	ug/l #	90

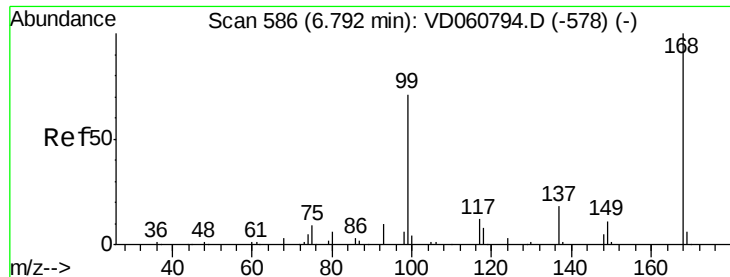
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.81 min Scan# 588

Delta R.T. 0.02 min

Lab File: VD060804.D

Acq: 30 Jan 2019 14:31

Instrument :

MSVOA_D

ClientSampleId :

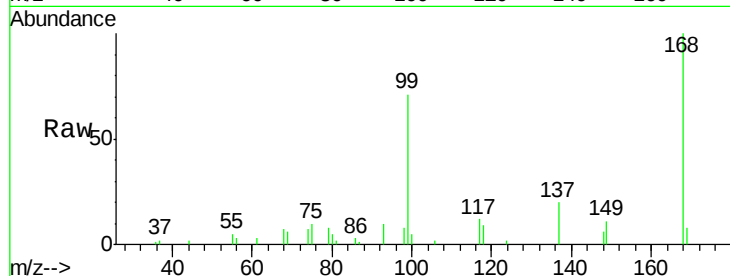
TP-2RE

Tot Ion:168 Resp: 73710

Ion Ratio Lower Upper

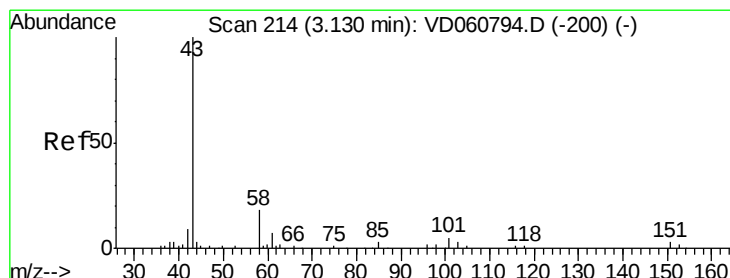
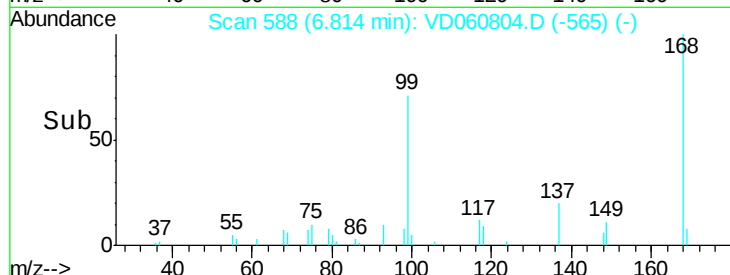
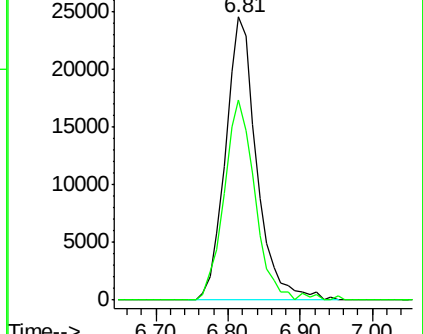
168 100

99 70.7 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: 340.226 ug/l

RT: 3.15 min Scan# 216

Delta R.T. 0.02 min

Lab File: VD060804.D

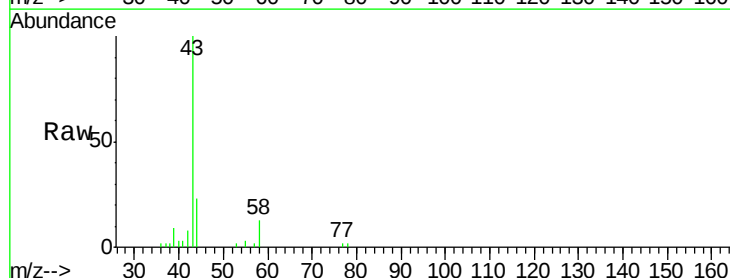
Acq: 30 Jan 2019 14:31

Tgt Ion: 43 Resp: 55530

Ion Ratio Lower Upper

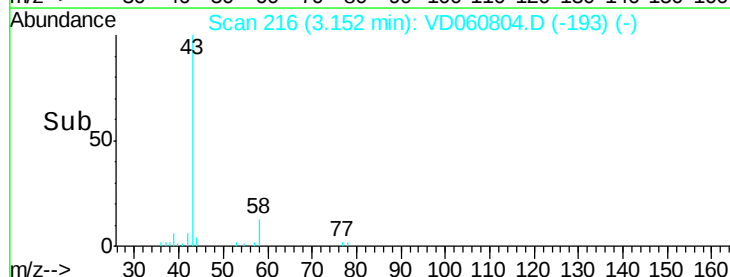
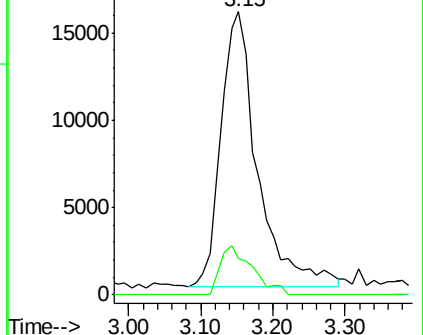
43 100

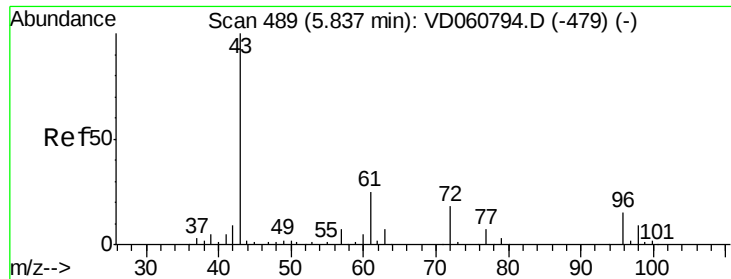
58 12.8 14.5 21.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 62.305 ug/l

RT: 5.87 min Scan# 492

Delta R.T. 0.03 min

Lab File: VD060804.D

Acq: 30 Jan 2019 14:31

Instrument :

MSVOA_D

ClientSampleId :

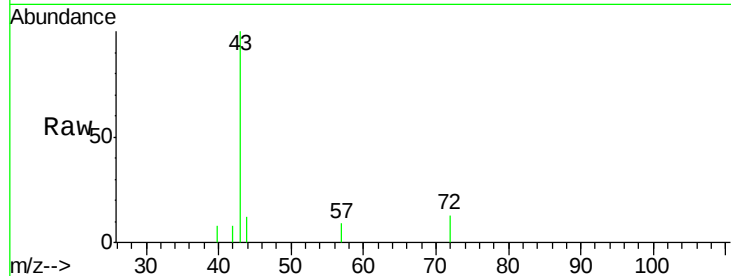
TP-2RE

Tot Ion: 43 Resp: 13016

Ion Ratio Lower Upper

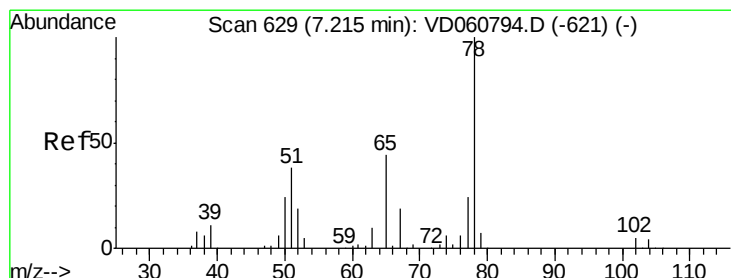
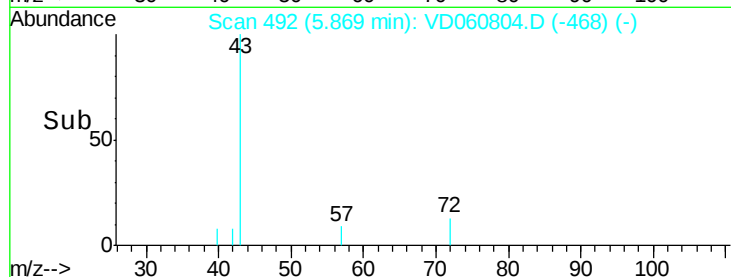
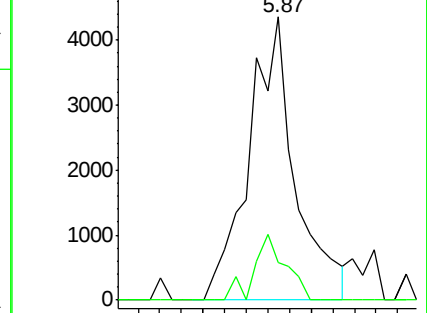
43 100

72 13.4 14.4 21.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.24 min Scan# 631

Delta R.T. 0.02 min

Lab File: VD060804.D

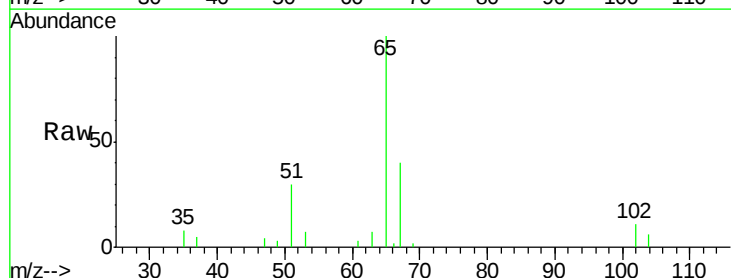
Acq: 30 Jan 2019 14:31

Tgt Ion: 65 Resp: 63851

Ion Ratio Lower Upper

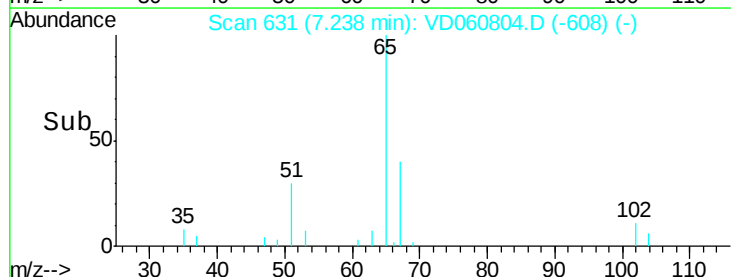
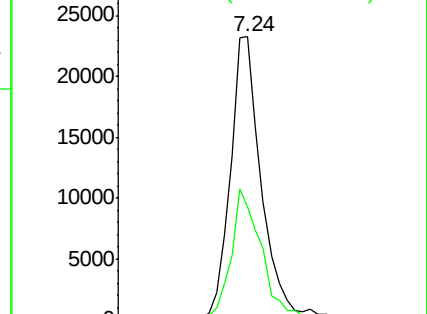
65 100

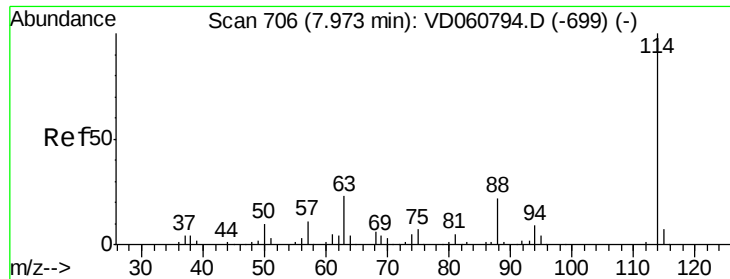
67 39.8 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

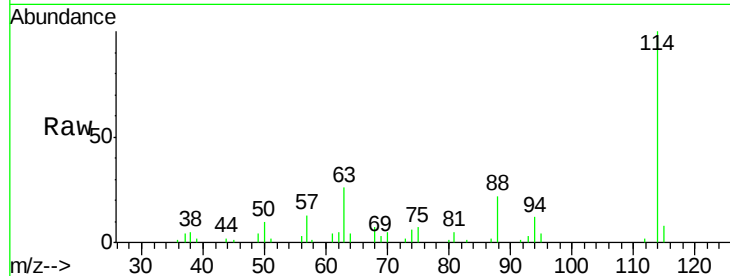




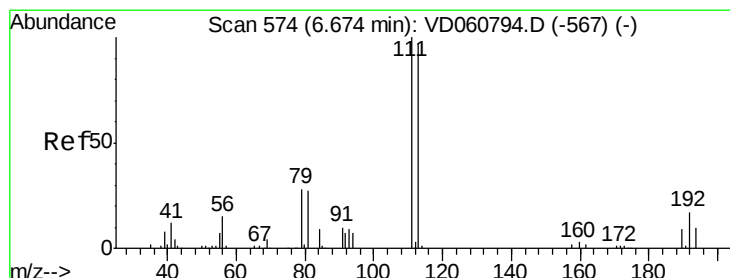
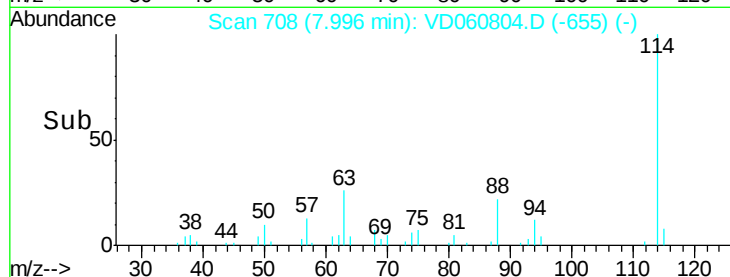
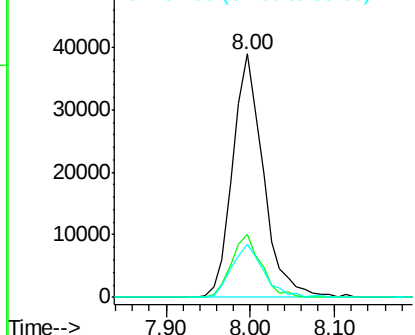
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.00 min Scan# 708
 Delta R.T. 0.02 min
 Lab File: VD060804.D
 Acq: 30 Jan 2019 14:31

Instrument :
 MSVOA_D
 ClientSampleID :
 TP-2RE

Tot Ion:114 Resp: 98873
 Ion Ratio Lower Upper
 114 100
 63 25.8 0.0 46.6
 88 22.0 0.0 44.0

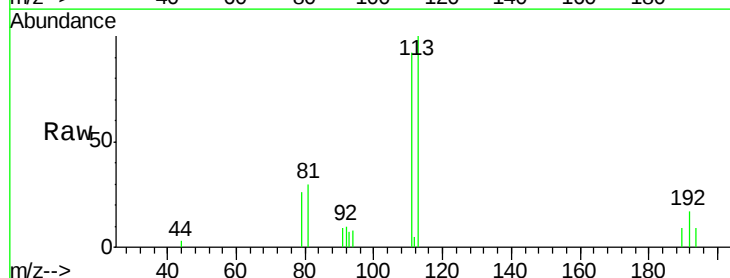


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

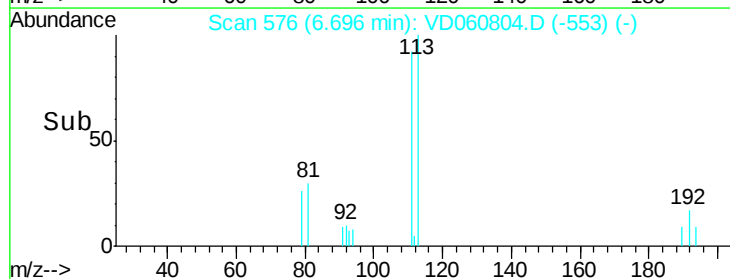
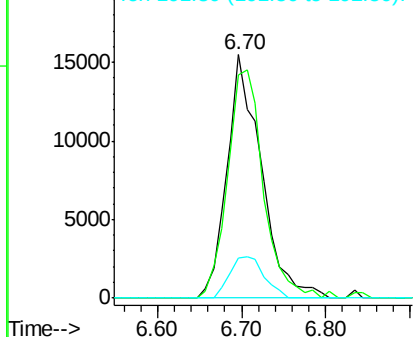


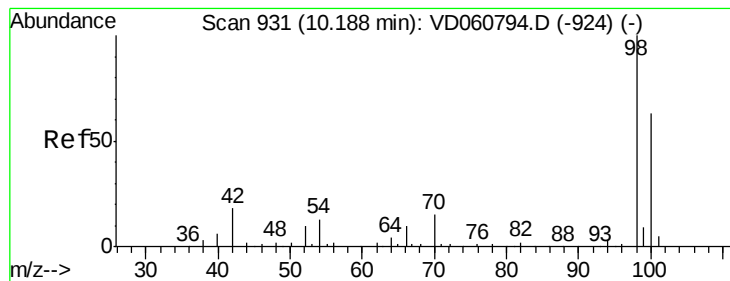
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.70 min Scan# 576
 Delta R.T. 0.02 min
 Lab File: VD060804.D
 Acq: 30 Jan 2019 14:31

Tgt Ion:113 Resp: 43929
 Ion Ratio Lower Upper
 113 100
 111 91.9 82.3 123.5
 192 16.7 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: 10.20 min Scan# 932

Delta R.T. 0.01 min

Lab File: VD060804.D

Acq: 30 Jan 2019 14:31

Instrument :

MSVOA_D

ClientSampleId :

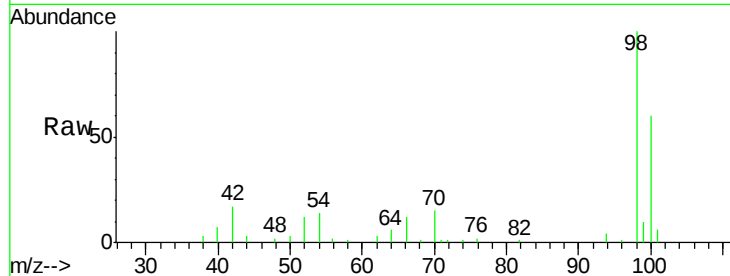
TP-2RE

Tot Ion: 98 Resp: 74395

Ion Ratio Lower Upper

98 100

100 59.9 51.0 76.6



Abundance Ion 98.05 (97.75 to 98.75): VD060794.D (-924) (-)

Ion 100.05 (99.75 to 100.75): VD060794.D (-924) (-)

10.20

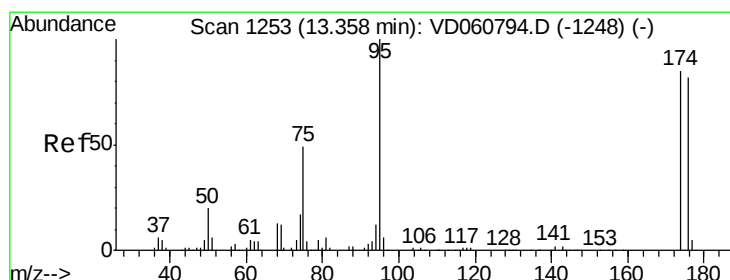
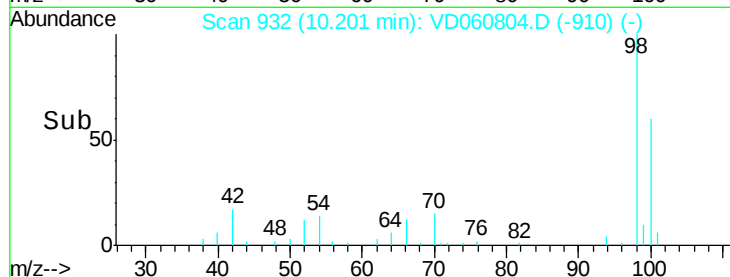
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.36 min Scan# 1253

Delta R.T. 0.00 min

Lab File: VD060804.D

Acq: 30 Jan 2019 14:31

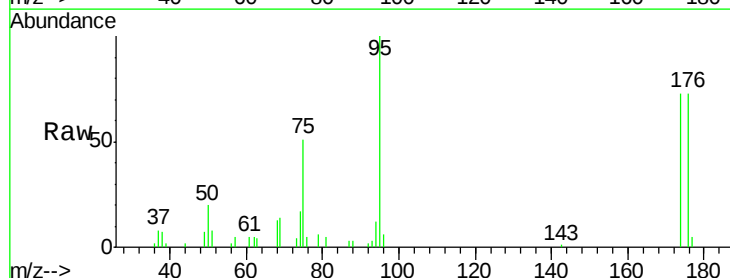
Tgt Ion: 95 Resp: 32129

Ion Ratio Lower Upper

95 100

174 73.0 0.0 169.6

176 72.9 0.0 163.8



Abundance Ion 95.00 (94.70 to 95.70): VD060794.D (-1248) (-)

Ion 173.90 (173.60 to 174.60): VD060794.D (-1248) (-)

Ion 175.90 (175.60 to 176.60): VD060794.D (-1248) (-)

13.36

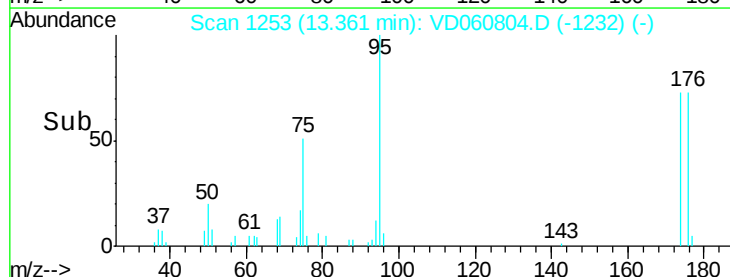
30000

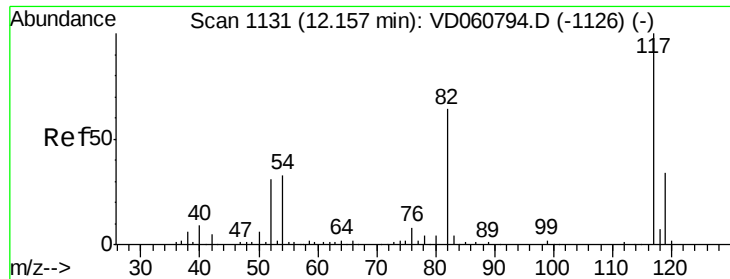
20000

10000

0

Time-->

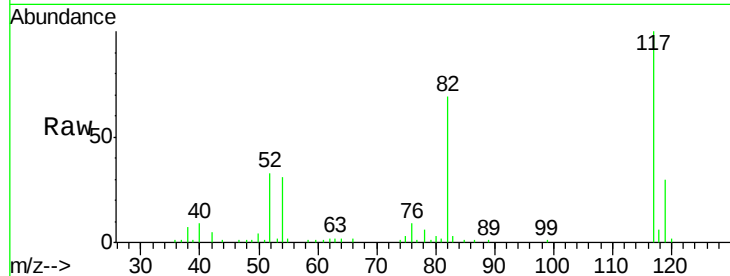




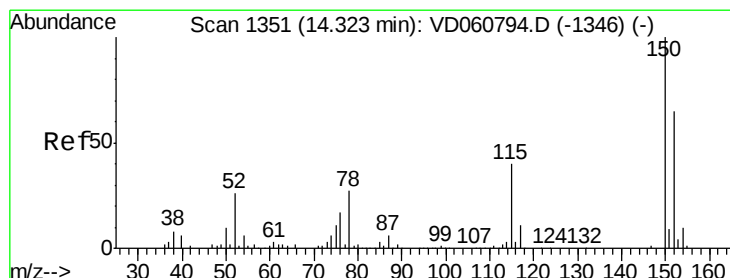
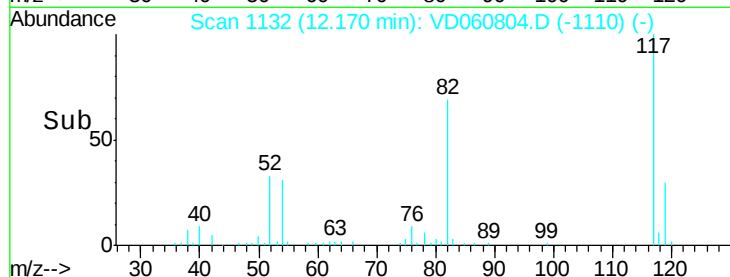
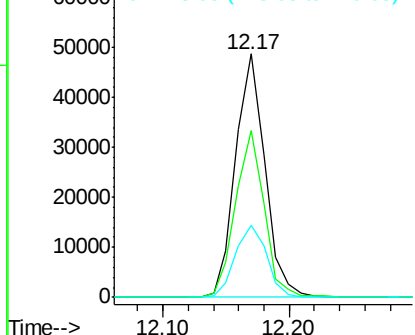
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.17 min Scan# 1132
Delta R.T. 0.01 min
Lab File: VD060804.D
Acq: 30 Jan 2019 14:31

Instrument :
MSVOA_D
ClientSampleId :
TP-2RE

Tot Ion:117 Resp: 78527
Ion Ratio Lower Upper
117 100
82 68.6 51.5 77.3
119 29.7 27.1 40.7

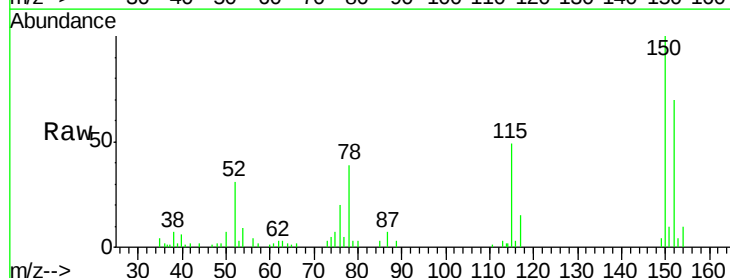


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.33 min Scan# 1351
Delta R.T. 0.00 min
Lab File: VD060804.D
Acq: 30 Jan 2019 14:31

Tgt Ion:152 Resp: 31369
Ion Ratio Lower Upper
152 100
115 71.0 31.6 95.0
150 143.7 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

