

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121418\
 Data File : VD060574.D
 Acq On : 14 Dec 2018 15:37
 Operator : VA/AP
 Sample : J6403-13
 Misc : 4.01g/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-B

Quant Time: Dec 14 22:48:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

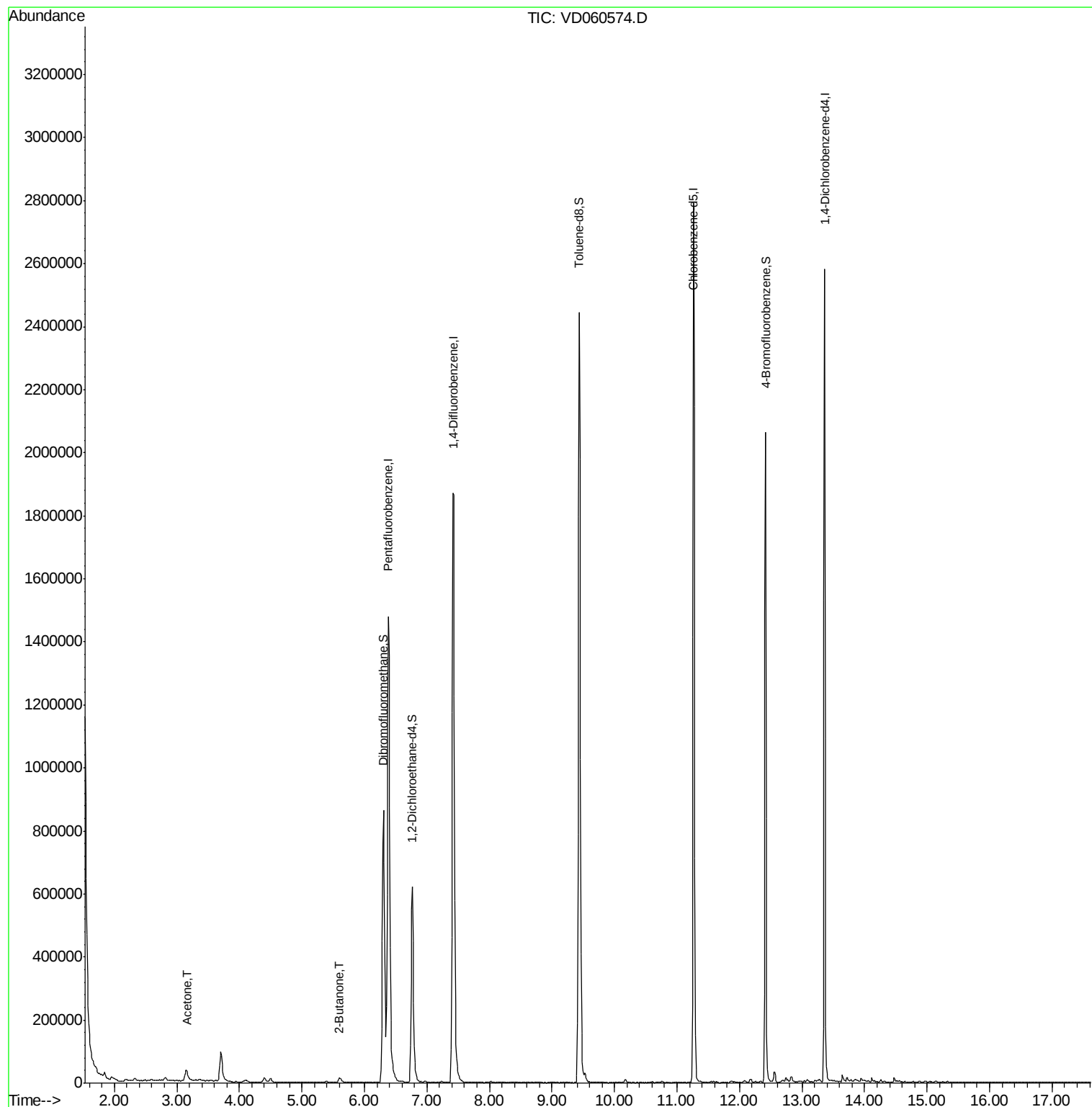
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1479931	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.43	114	2076369	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.26	117	1492628	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	580128	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	502996	47.95	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	95.90%	
35) Dibromofluoromethane	6.30	113	692282	45.39	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	90.78%	
50) Toluene-d8	9.43	98	1954443	44.28	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	88.56%	
62) 4-Bromofluorobenzene	12.42	95	582590	36.89	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	73.78%	
Target Compounds						
16) Acetone	3.16	43	81710	48.596	ug/l	94
25) 2-Butanone	5.60	43	30683	9.275	ug/l	94

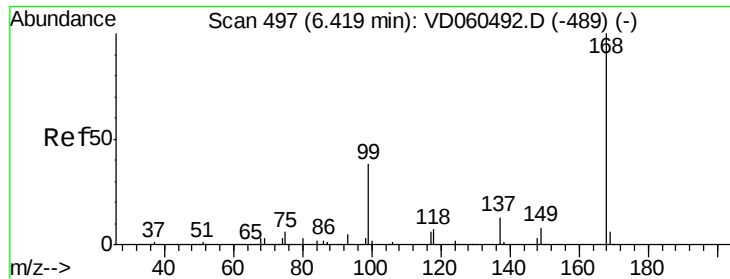
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.38 min Scan# 494

Delta R.T. -0.04 min

Lab File: VD060574.D

Acq: 14 Dec 2018 15:37

Instrument :

MSVOA_D

ClientSampleId :

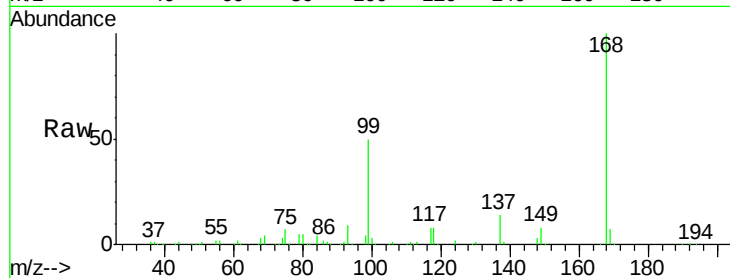
TP-2-B

Tgt Ion:168 Resp: 1479931

Ion Ratio Lower Upper

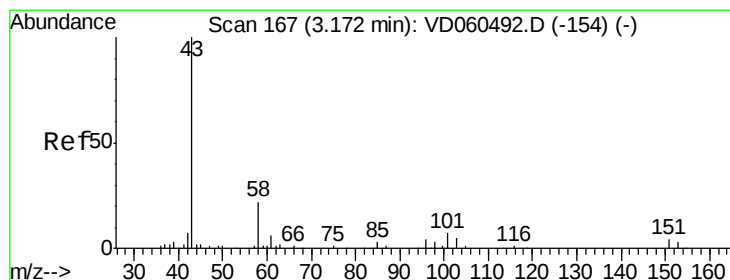
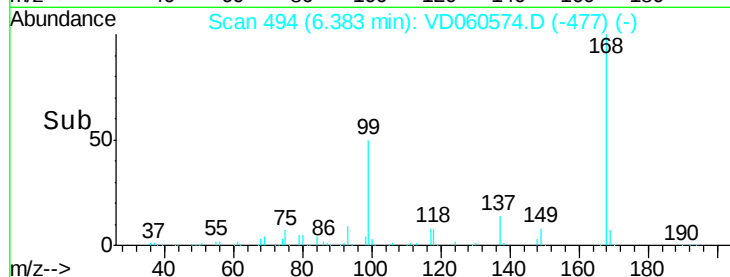
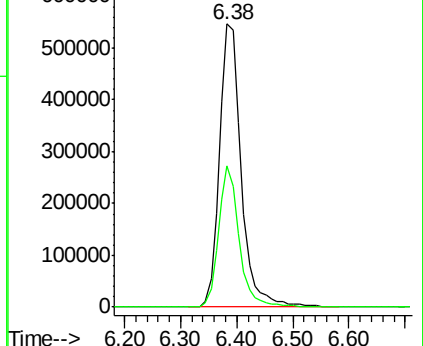
168 100

99 49.8 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 48.596 ug/l

RT: 3.16 min Scan# 166

Delta R.T. -0.02 min

Lab File: VD060574.D

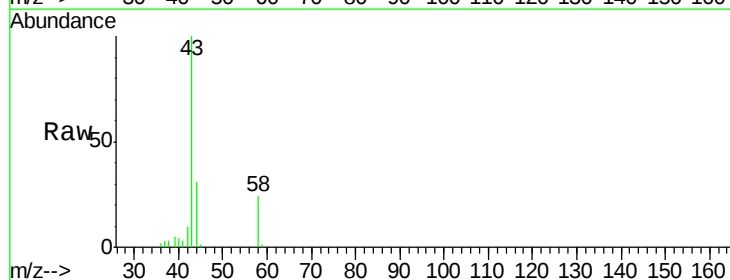
Acq: 14 Dec 2018 15:37

Tgt Ion: 43 Resp: 81710

Ion Ratio Lower Upper

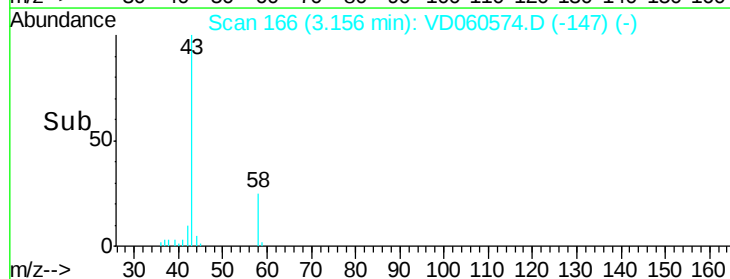
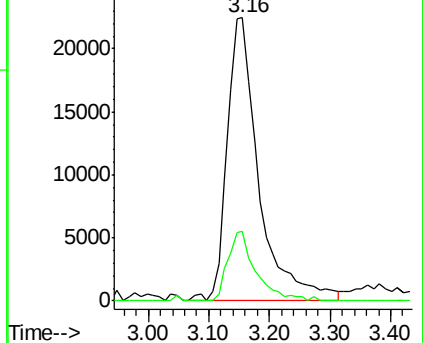
43 100

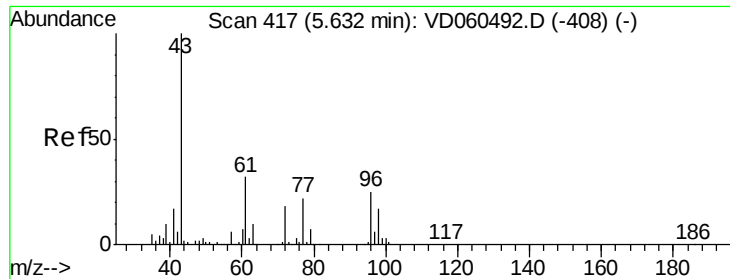
58 24.4 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 9.275 ug/l

RT: 5.60 min Scan# 414

Delta R.T. -0.04 min

Lab File: VD060574.D

Acq: 14 Dec 2018 15:37

Instrument :

MSVOA_D

ClientSampled :

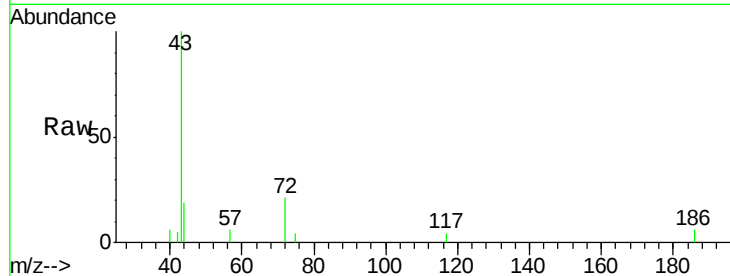
TP-2-B

Tgt Ion: 43 Resp: 30683

Ion Ratio Lower Upper

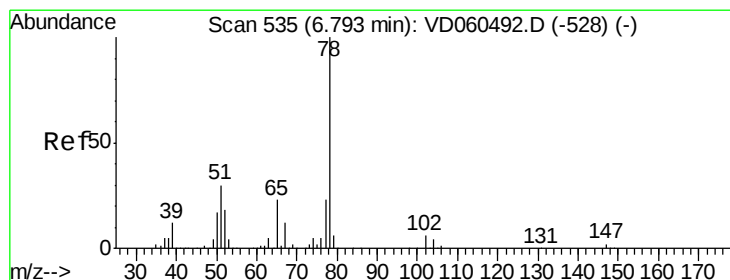
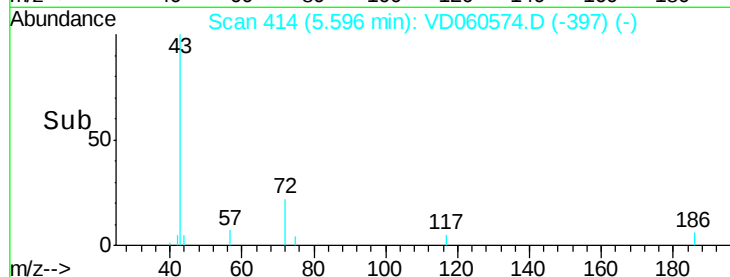
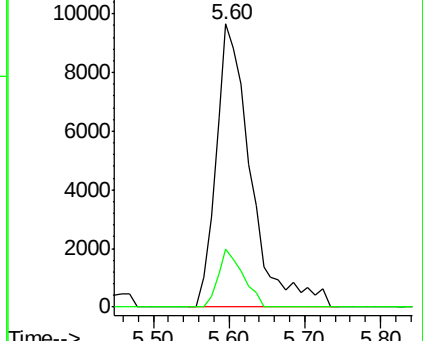
43 100

72 20.7 14.6 21.8



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: 6.77 min Scan# 533

Delta R.T. -0.03 min

Lab File: VD060574.D

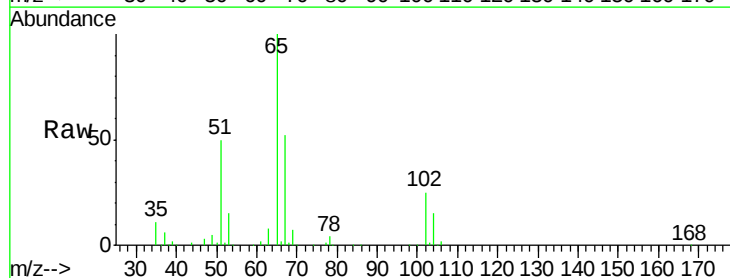
Acq: 14 Dec 2018 15:37

Tgt Ion: 65 Resp: 502996

Ion Ratio Lower Upper

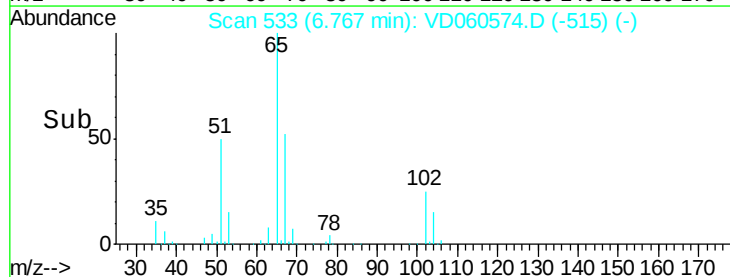
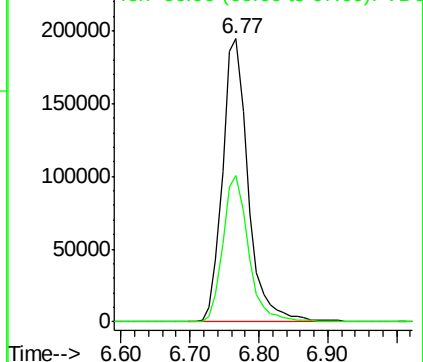
65 100

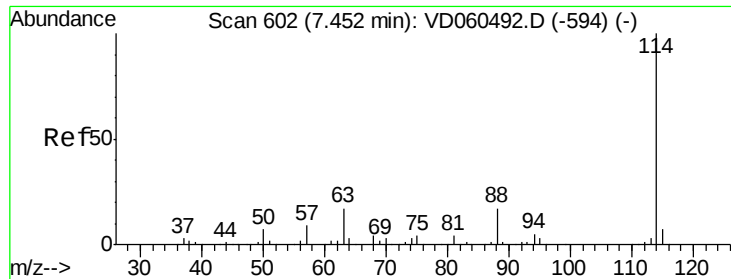
67 52.0 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

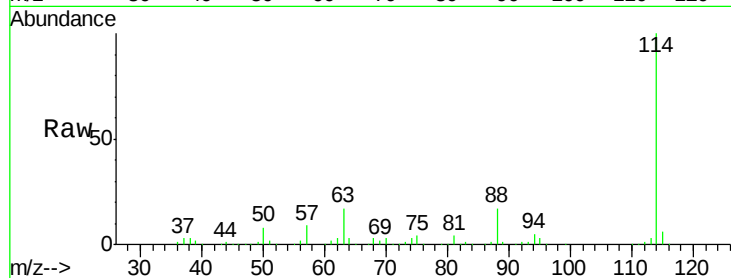




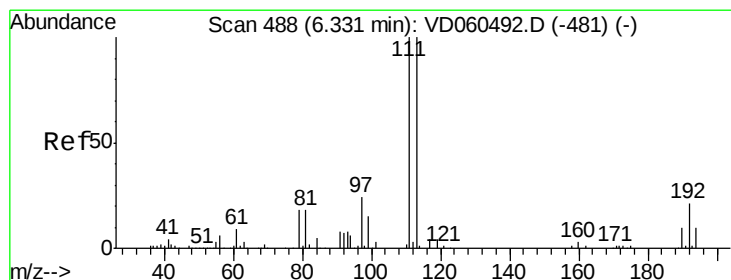
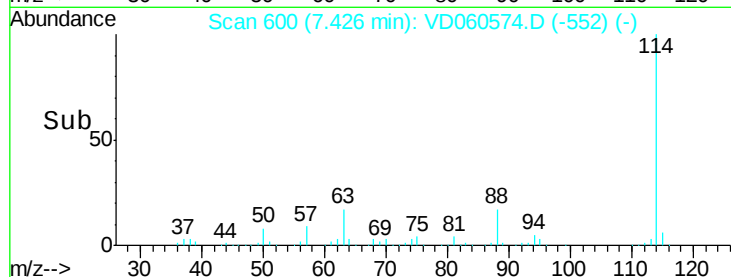
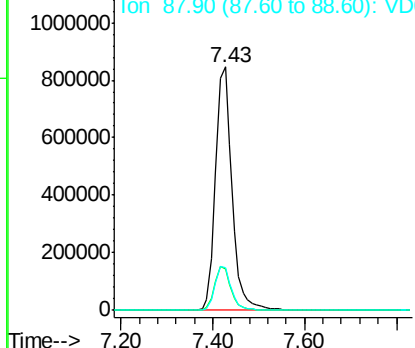
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.43 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: VD060574.D
 Acq: 14 Dec 2018 15:37

Instrument :
 MSVOA_D
 ClientSampled :
 TP-2-B

Tgt Ion:114 Resp: 2076369
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 34.2
 88 17.5 0.0 35.0

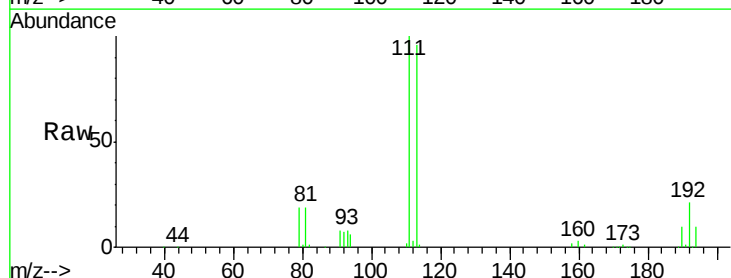


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

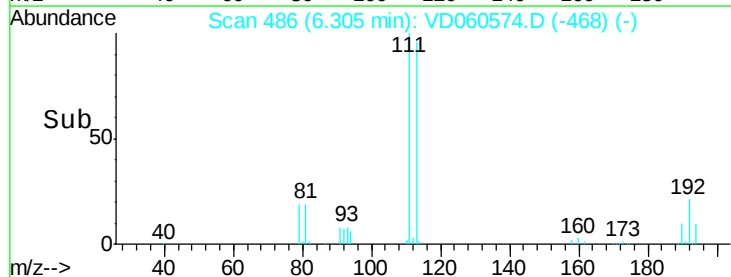
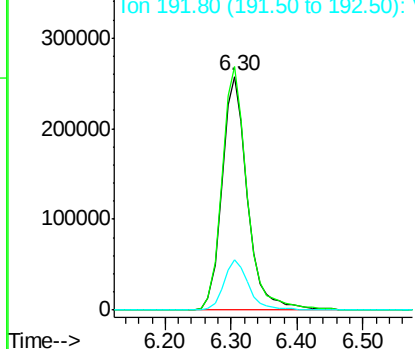


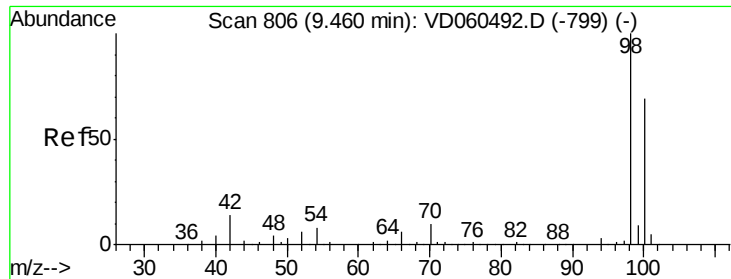
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.30 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: VD060574.D
 Acq: 14 Dec 2018 15:37

Tgt Ion:113 Resp: 692282
 Ion Ratio Lower Upper
 113 100
 111 104.2 80.2 120.4
 192 21.5 16.6 24.8



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: 9.43 min Scan# 804

Delta R.T. -0.03 min

Lab File: VD060574.D

Acq: 14 Dec 2018 15:37

Instrument :

MSVOA_D

ClientSampleId :

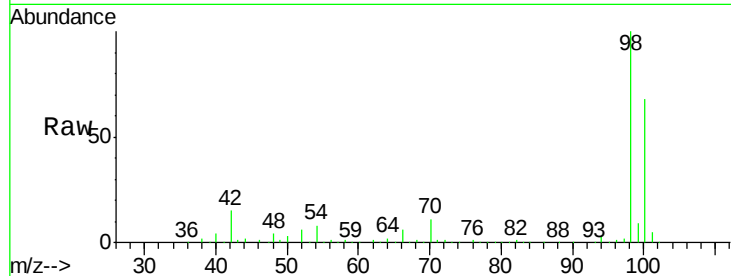
TP-2-B

Tgt Ion: 98 Resp: 1954443

Ion Ratio Lower Upper

98 100

100 68.3 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): VD060492.D (-799) (-)

Ion 100.05 (99.75 to 100.75): VD060492.D (-799) (-)

9.43

1000000

800000

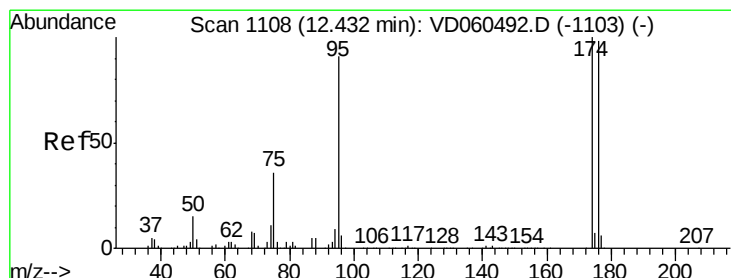
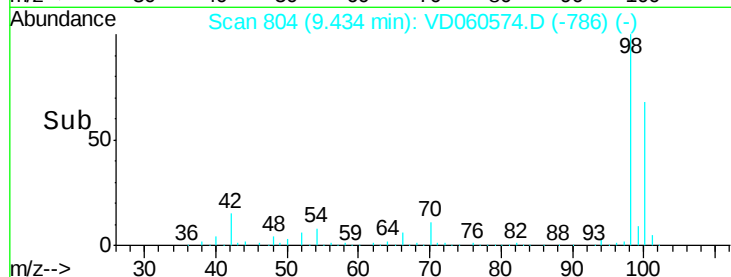
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.02 min

Lab File: VD060574.D

Acq: 14 Dec 2018 15:37

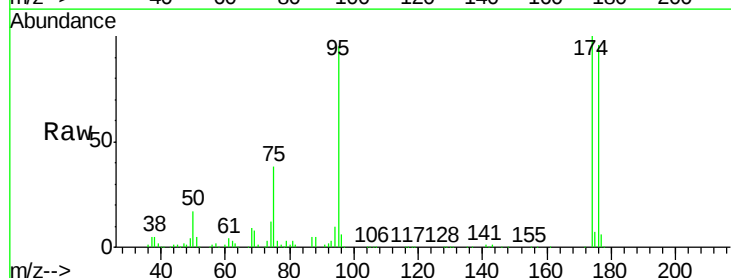
Tgt Ion: 95 Resp: 582590

Ion Ratio Lower Upper

95 100

174 105.1 0.0 219.4

176 100.6 0.0 214.6



Abundance Ion 95.00 (94.70 to 95.70): VD060492.D (-1103) (-)

Ion 173.90 (173.60 to 174.60): VD060492.D (-1103) (-)

Ion 175.90 (175.60 to 176.60): VD060492.D (-1103) (-)

12.42

500000

400000

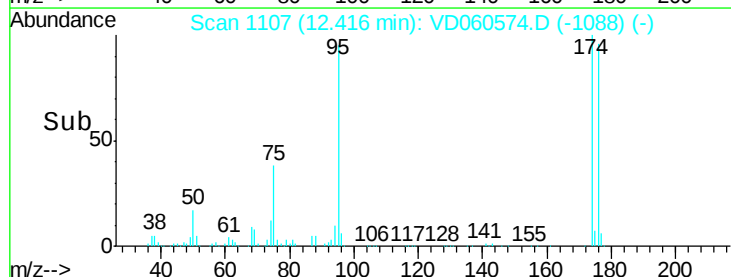
300000

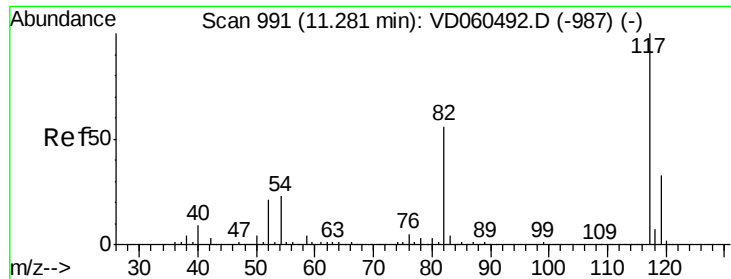
200000

100000

0

Time-->

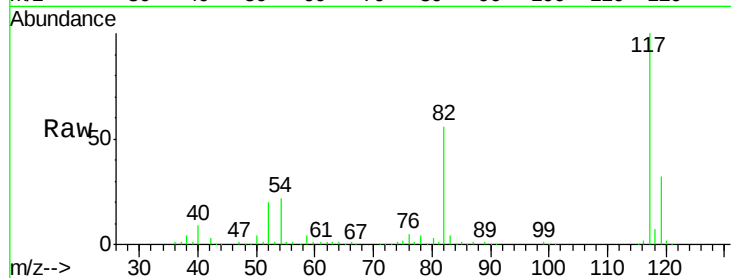




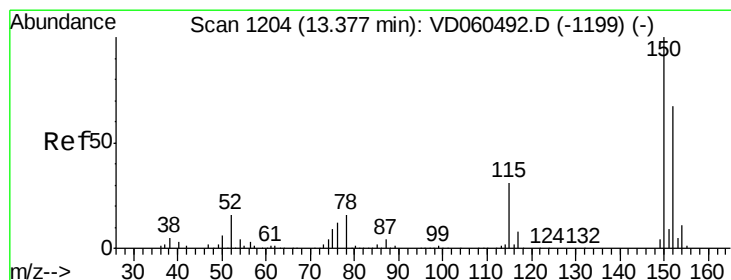
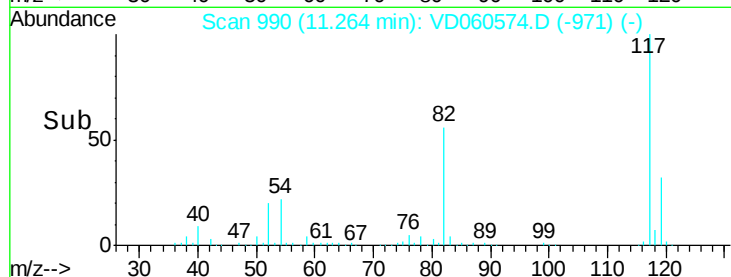
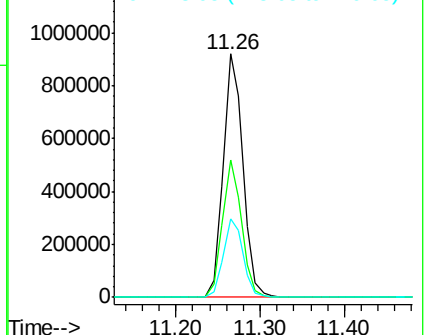
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.26 min Scan# 990
Delta R.T. -0.02 min
Lab File: VD060574.D
Acq: 14 Dec 2018 15:37

Instrument :
MSVOA_D
ClientSampleId :
TP-2-B

Tgt Ion:117 Resp: 1492628
Ion Ratio Lower Upper
117 100
82 56.4 45.2 67.8
119 32.0 26.1 39.1

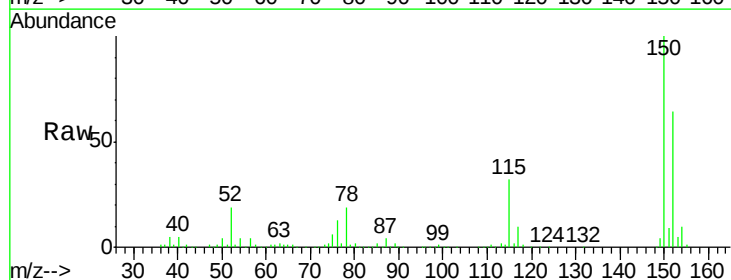


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.02 min
Lab File: VD060574.D
Acq: 14 Dec 2018 15:37

Tgt Ion:152 Resp: 580128
Ion Ratio Lower Upper
152 100
115 50.4 24.6 74.0
150 155.5 0.0 309.0



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

