

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042519\
 Data File : VD062038.D
 Acq On : 25 Apr 2019 14:53
 Operator : VA/AP
 Sample : K2529-01
 Misc : 6.91g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P3P4042219

Quant Time: Apr 26 01:16:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

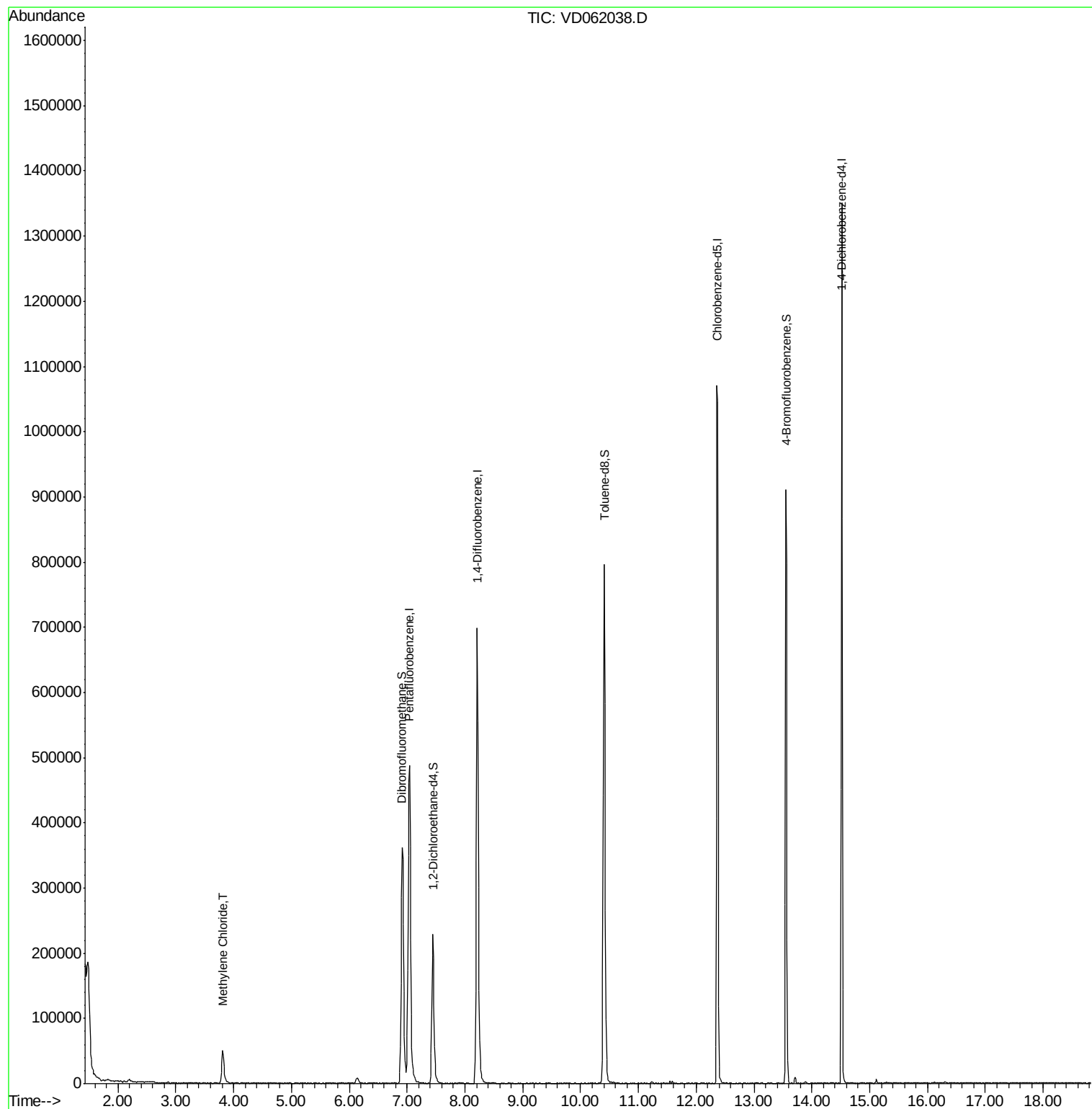
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	499026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	833393	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	702907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	304073	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	237646	60.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.70%	
35) Dibromofluoromethane	6.91	113	341002	59.16	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	118.32%	
50) Toluene-d8	10.41	98	741715	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
62) 4-Bromofluorobenzene	13.55	95	295703	53.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.52%	
Target Compounds						
20) Methylene Chloride	3.81	84	41671	6.398	ug/l	Qvalue 97

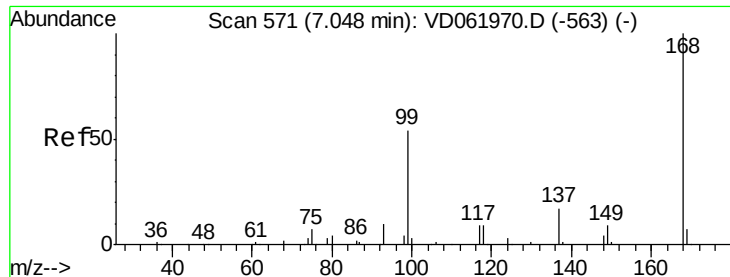
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042519\
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Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD062038.D

Acq: 25 Apr 2019 14:53

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MSVOA_D

ClientSampleId :

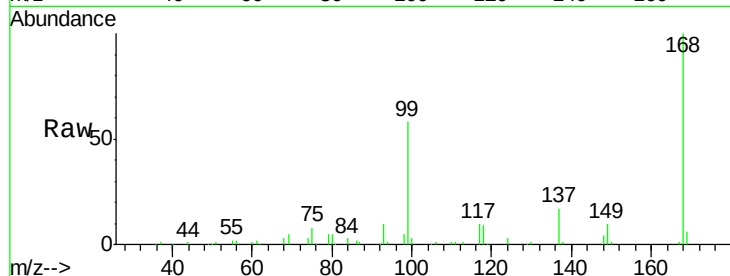
P3P4042219

Tot Ion:168 Resp: 499026

Ion Ratio Lower Upper

168 100

99 57.9 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

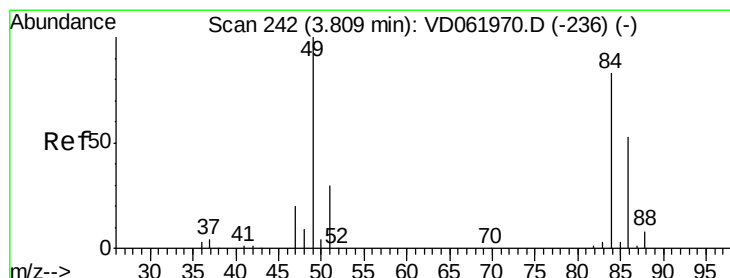
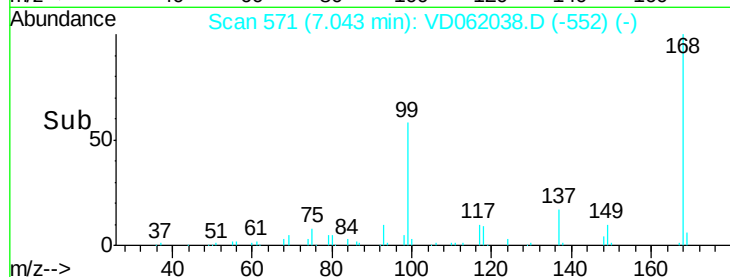
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 6.398 ug/l

RT: 3.81 min Scan# 243

Delta R.T. -0.01 min

Lab File: VD062038.D

Acq: 25 Apr 2019 14:53

Tgt Ion: 84 Resp: 41671

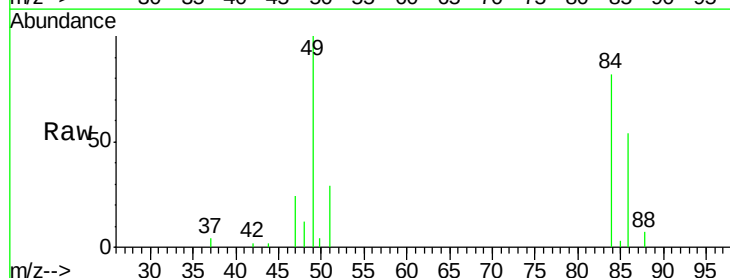
Ion Ratio Lower Upper

84 100

49 121.3 94.0 141.0

51 35.6 29.0 43.4

86 65.3 49.8 74.6



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

3.81

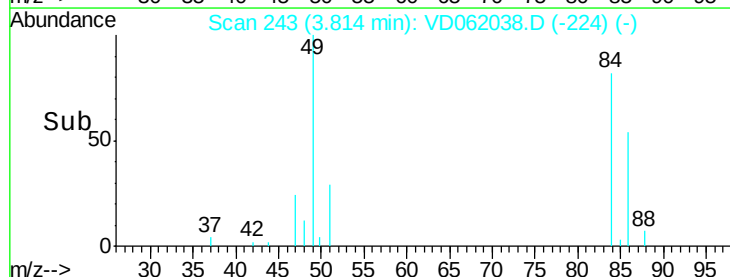
15000

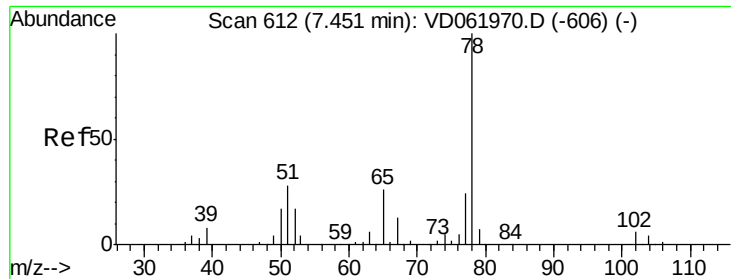
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 60.847 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062038.D

Acq: 25 Apr 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

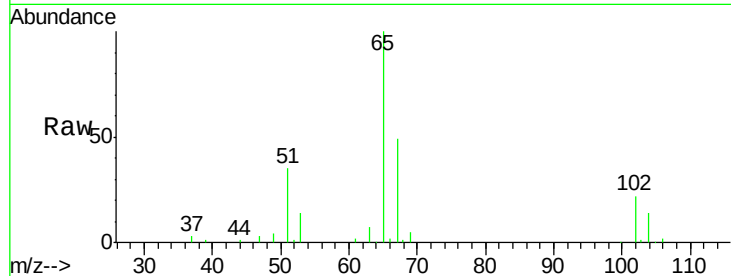
P3P4042219

Tot Ion: 65 Resp: 237646

Ion Ratio Lower Upper

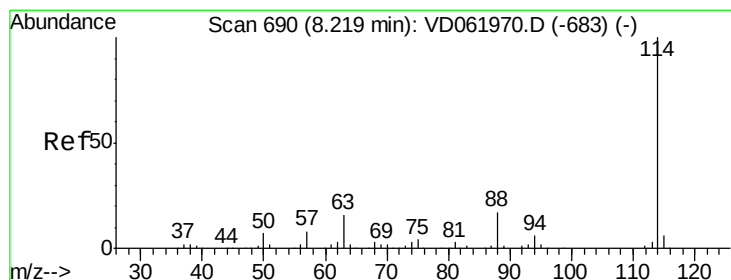
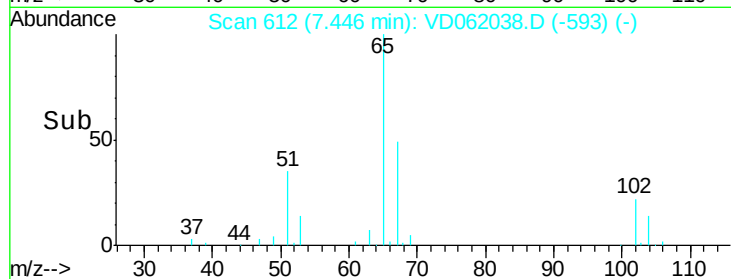
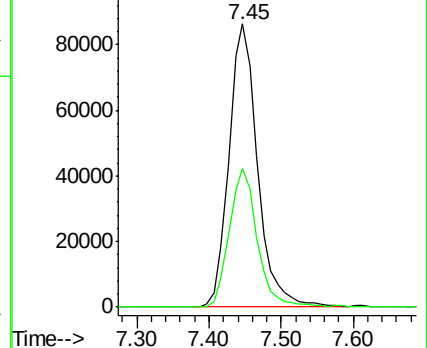
65 100

67 48.8 0.0 98.0



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: 8.21 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD062038.D

Acq: 25 Apr 2019 14:53

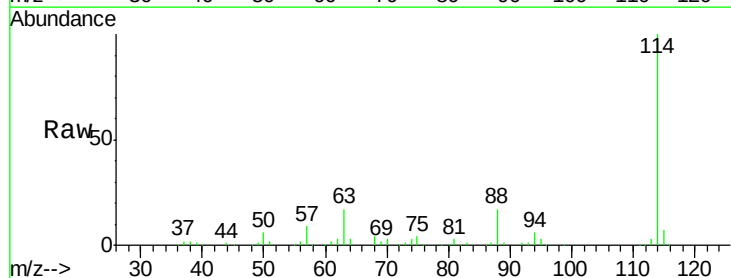
Tgt Ion: 114 Resp: 833393

Ion Ratio Lower Upper

114 100

63 16.9 0.0 32.4

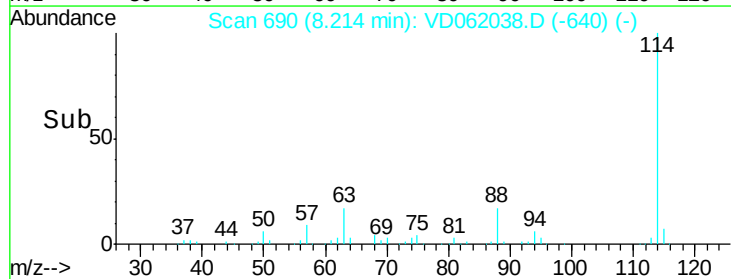
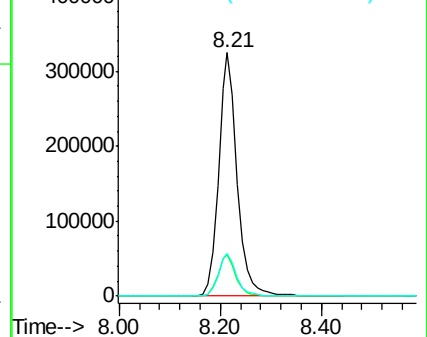
88 17.3 0.0 33.6

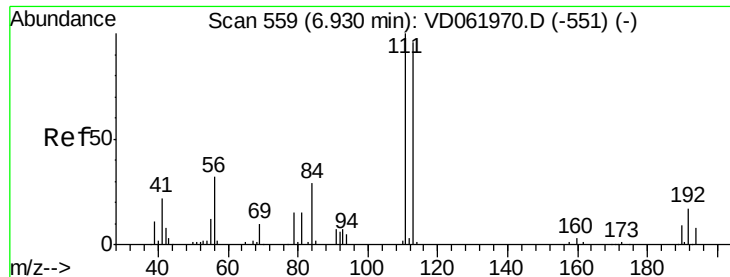


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 59.164 ug/l

RT: 6.91 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD062038.D

Acq: 25 Apr 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

P3P4042219

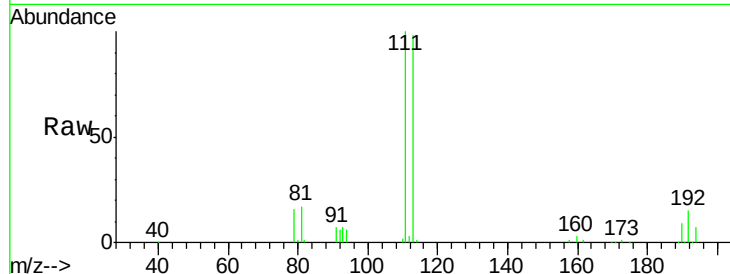
Tot Ion:113 Resp: 341002

Ion Ratio Lower Upper

113 100

111 101.6 78.5 117.7

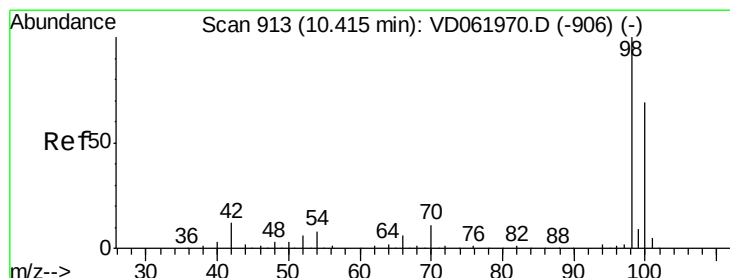
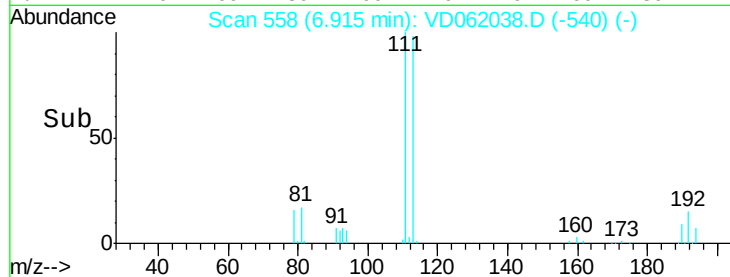
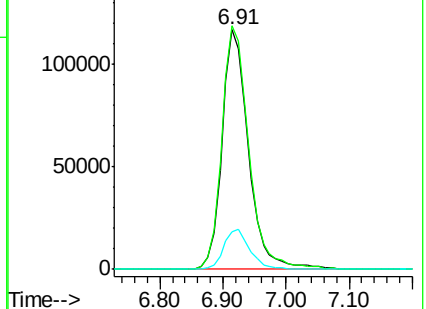
192 15.6 13.0 19.4



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: 54.082 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD062038.D

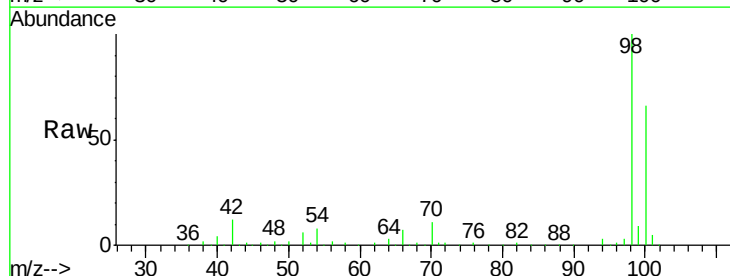
Acq: 25 Apr 2019 14:53

Tgt Ion: 98 Resp: 741715

Ion Ratio Lower Upper

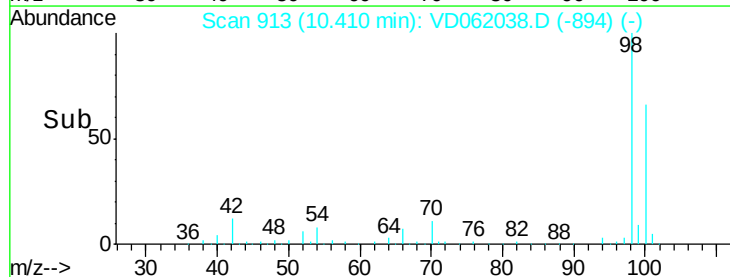
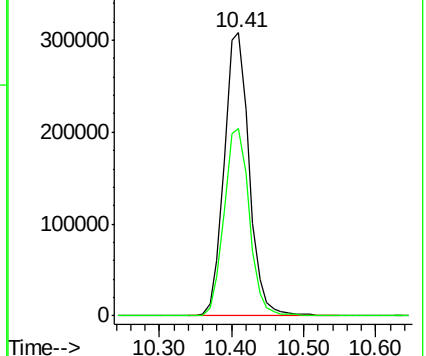
98 100

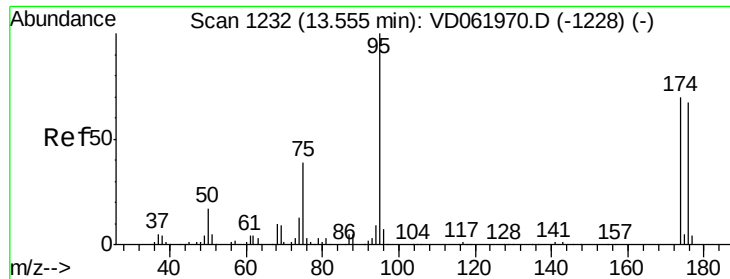
100 66.2 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

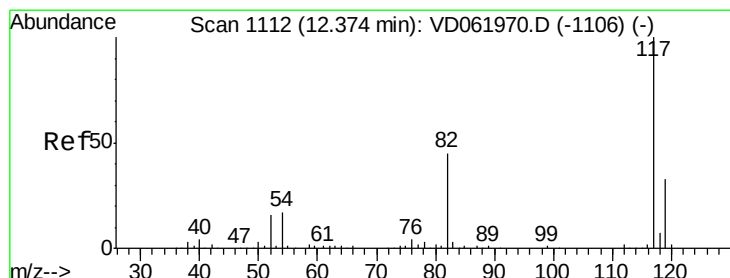
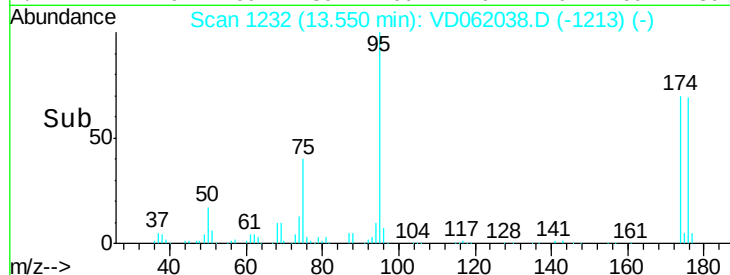
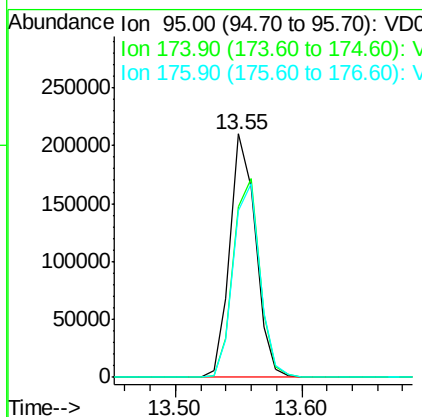
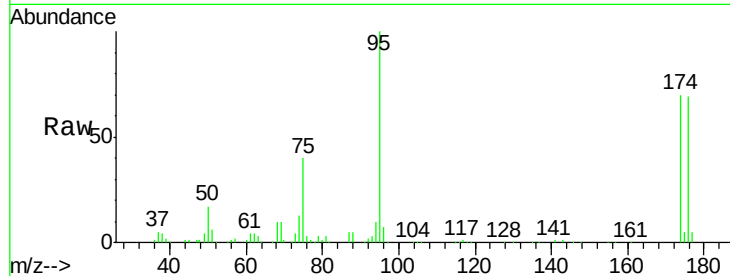




#62
 4-Bromofluorobenzene
 Concen: 53.756 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: VD062038.D
 Acq: 25 Apr 2019 14:53

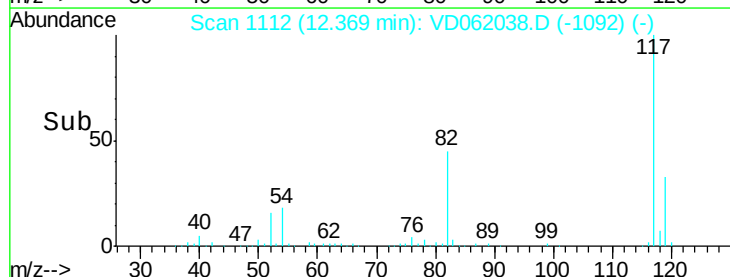
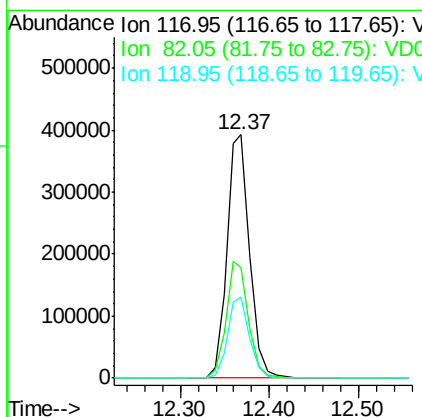
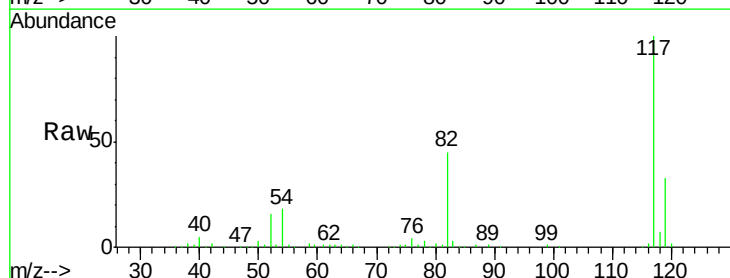
Instrument :
 MSVOA_D
 ClientSampleId :
 P3P4042219

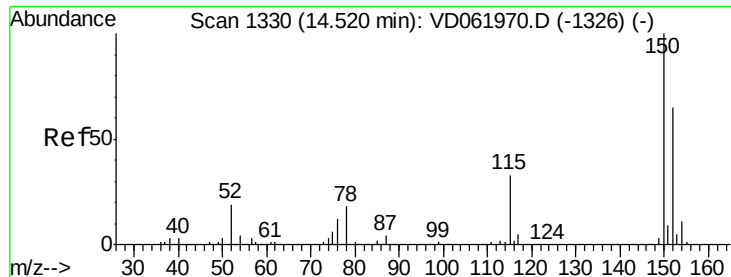
Tot Ion	95	Resp	295703
Ion	Ratio	Lower	Upper
95	100		
174	70.0	0.0	181.8
176	68.5	0.0	174.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.37 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: VD062038.D
 Acq: 25 Apr 2019 14:53

Tgt Ion	117	Resp	702907
Ion	Ratio	Lower	Upper
117	100		
82	45.2	36.2	54.2
119	33.2	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD062038.D

Acq: 25 Apr 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

P3P4042219

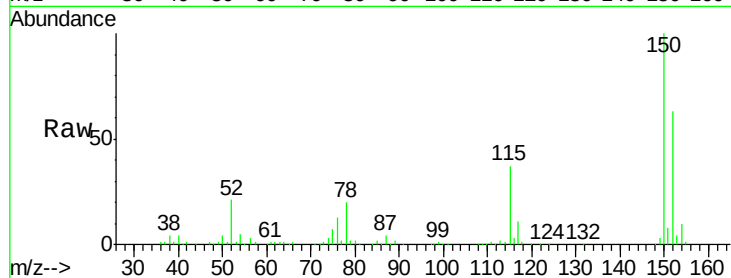
Tot Ion:152 Resp: 304073

Ion Ratio Lower Upper

152 100

115 58.5 30.9 92.7

150 158.7 0.0 314.8



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

