

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042519\
 Data File : VD062044.D
 Acq On : 25 Apr 2019 17:51
 Operator : VA/AP
 Sample : K2203-19
 Misc : 6.55g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-03-042419-B

Quant Time: Apr 26 04:48:31 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

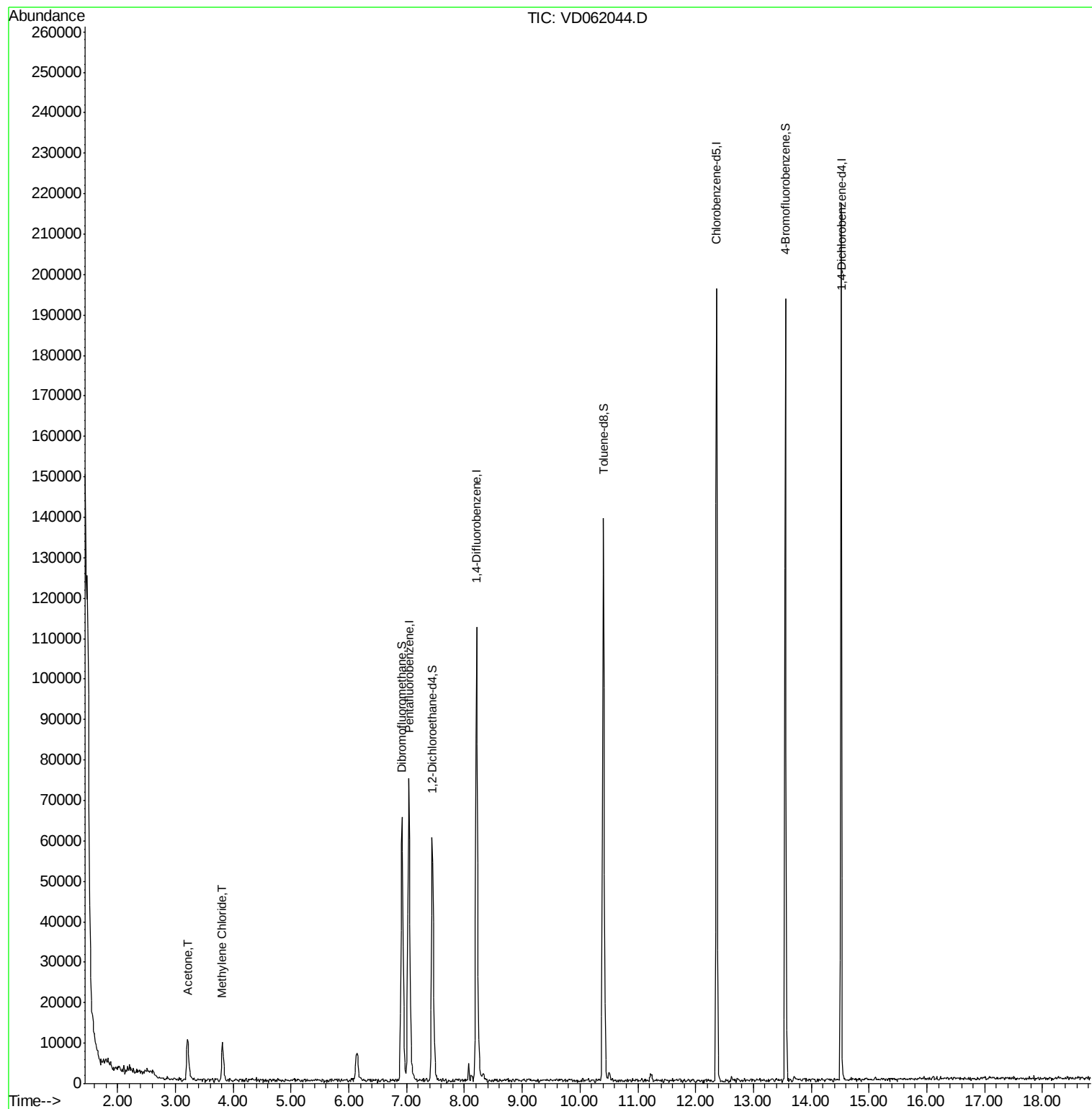
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	79218	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	128598	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	116316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	55187	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	60384	97.39	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	194.78%	
35) Dibromofluoromethane	6.92	113	63814	71.75	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	143.50%	
50) Toluene-d8	10.40	98	124515	58.84	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	117.68%	
62) 4-Bromofluorobenzene	13.55	95	57817	68.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.22%	
Target Compounds						
16) Acetone	3.21	43	21370	144.354	ug/l	98
20) Methylene Chloride	3.81	84	6913m	6.840	ug/l	

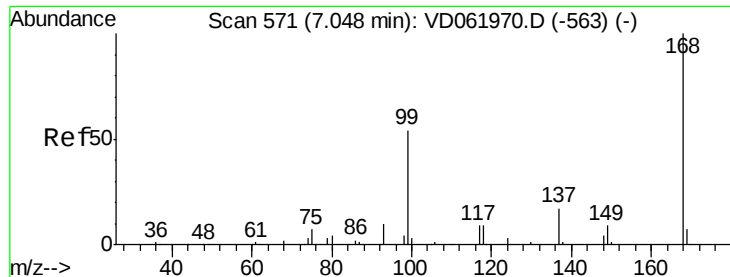
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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# 570

Delta R.T. -0.01 min

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Acq: 25 Apr 2019 17:51

Instrument :

MSVOA_D

ClientSampleId :

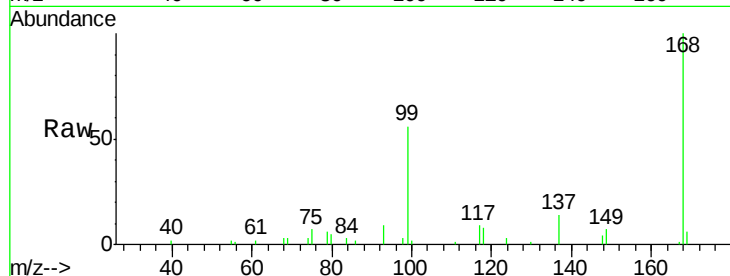
SU-03-042419-B

Tot Ion:168 Resp: 79218

Ion Ratio Lower Upper

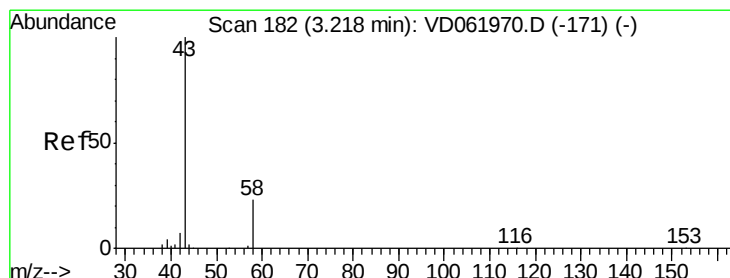
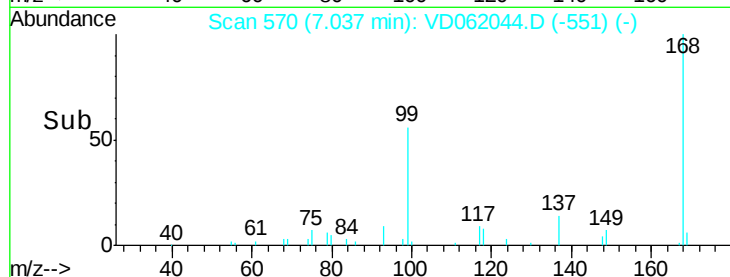
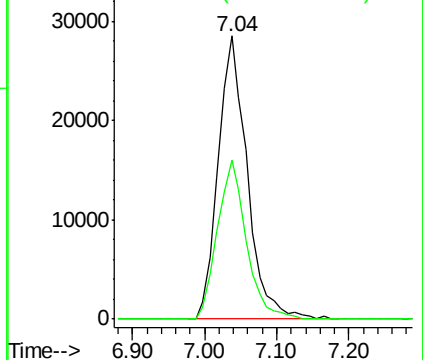
168 100

99 56.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 144.354 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD062044.D

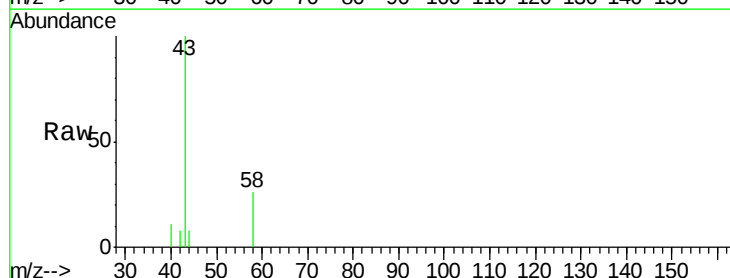
Acq: 25 Apr 2019 17:51

Tgt Ion: 43 Resp: 21370

Ion Ratio Lower Upper

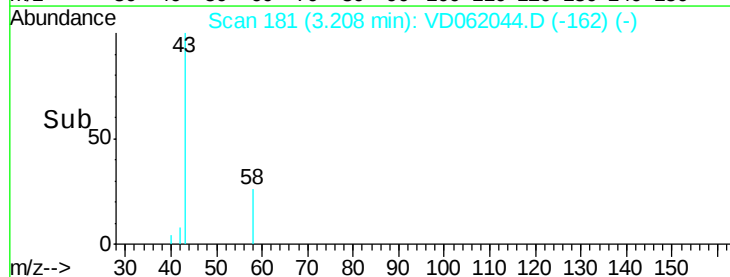
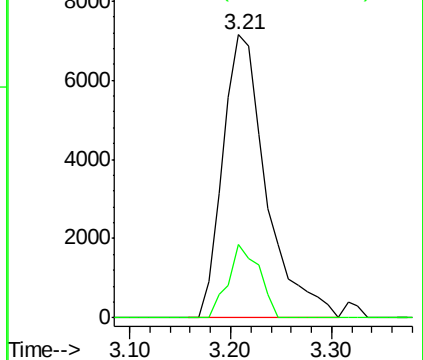
43 100

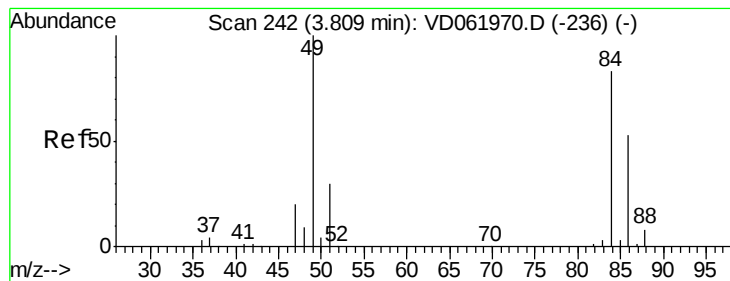
58 25.8 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 6.840 ug/l m

RT: 3.81 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD062044.D

Acq: 25 Apr 2019 17:51

Instrument :

MSVOA_D

ClientSampleId :

SU-03-042419-B

Tot Ion: 84 Resp: 6913

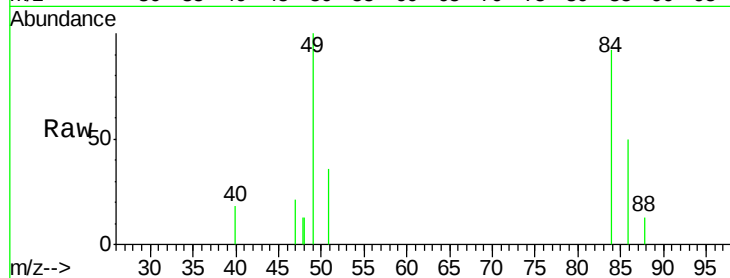
Ion Ratio Lower Upper

84 100

49 108.4 94.0 141.0

51 39.2 29.0 43.4

86 54.3 49.8 74.6

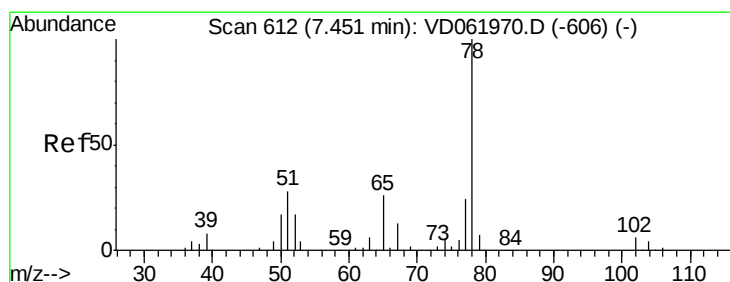
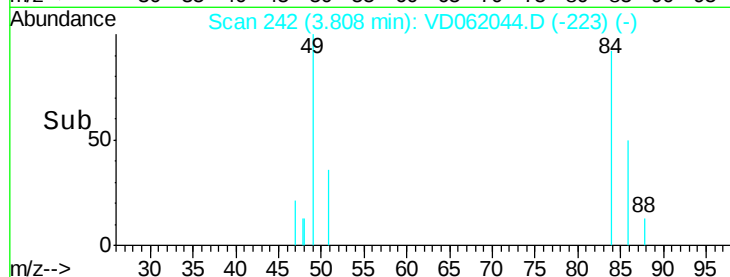
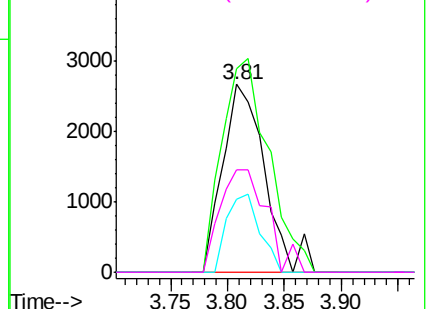


Abundance Ion 83.95 (83.65 to 84.65): VDC

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



#33

1,2-Dichloroethane-d4

Concen: 97.393 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD062044.D

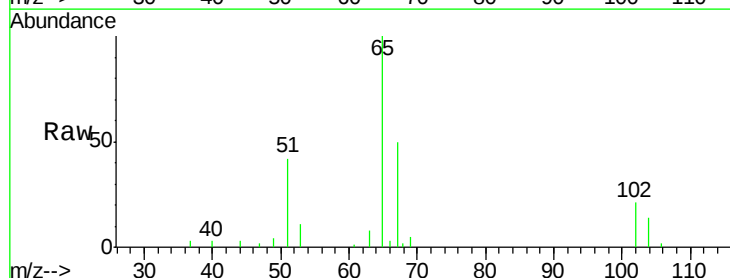
Acq: 25 Apr 2019 17:51

Tgt Ion: 65 Resp: 60384

Ion Ratio Lower Upper

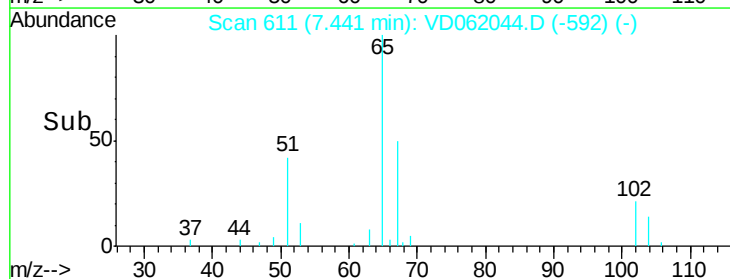
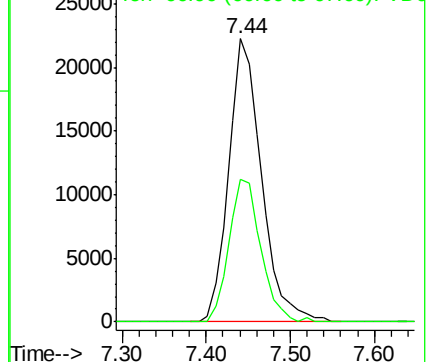
65 100

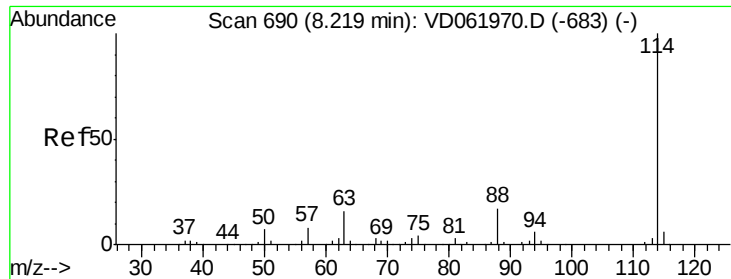
67 50.4 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

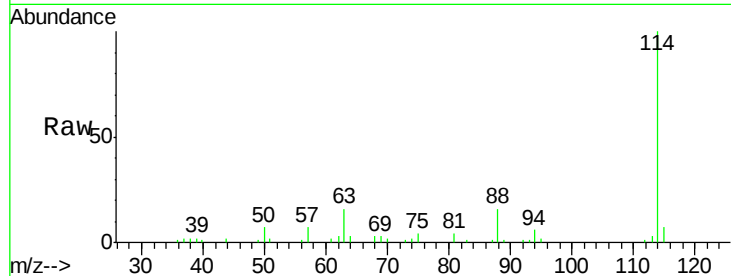




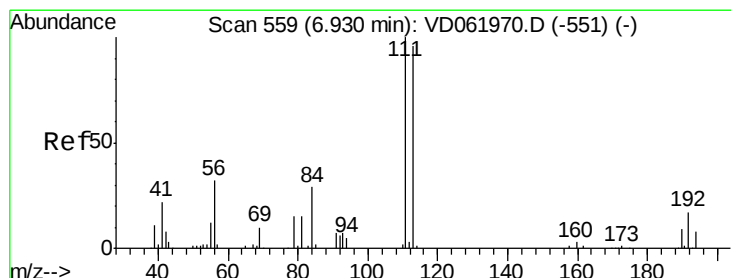
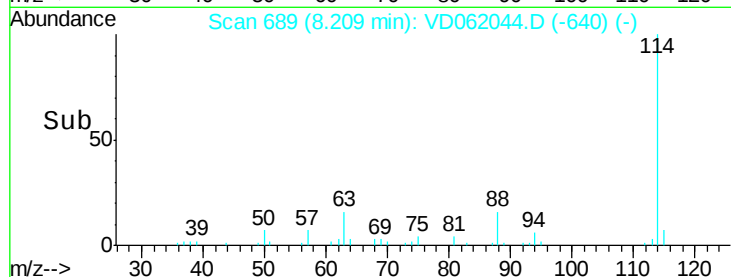
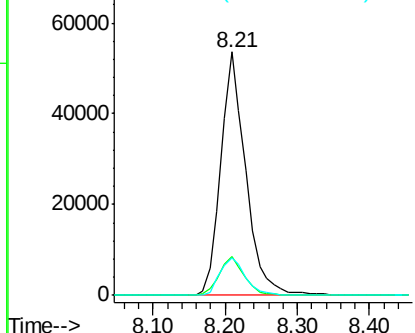
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD062044.D
 Acq: 25 Apr 2019 17:51

Instrument :
 MSVOA_D
 ClientSampleID :
 SU-03-042419-B

Tot Ion:114 Resp: 128598
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 32.4
 88 15.6 0.0 33.6

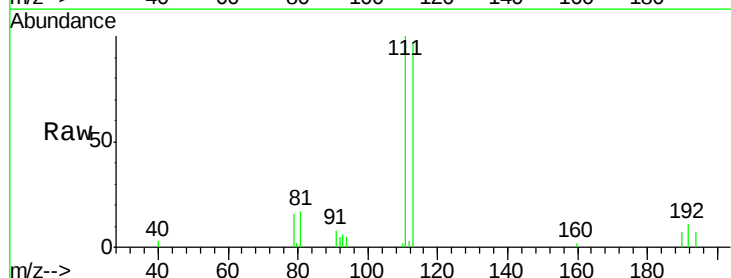


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

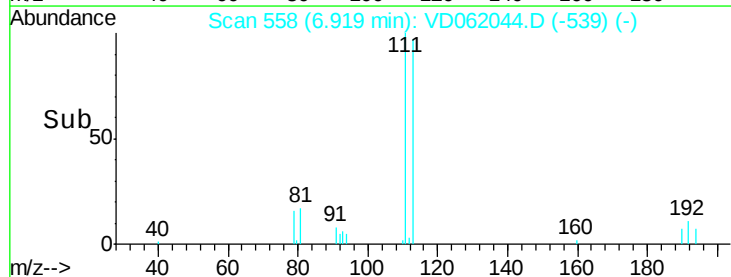
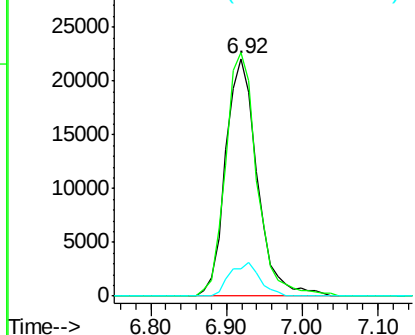


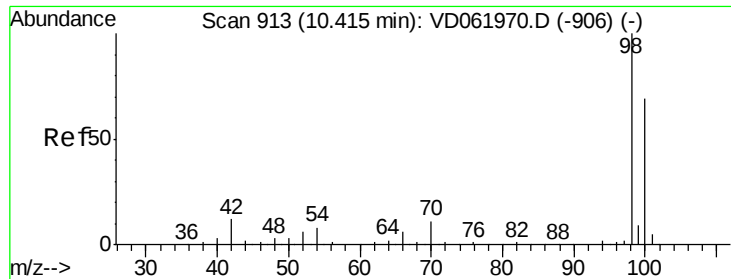
#35
 Dibromofluoromethane
 Concen: 71.751 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD062044.D
 Acq: 25 Apr 2019 17:51

Tgt Ion:113 Resp: 63814
 Ion Ratio Lower Upper
 113 100
 111 102.6 78.5 117.7
 192 11.3 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: 58.837 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD062044.D

Acq: 25 Apr 2019 17:51

Instrument :

MSVOA_D

ClientSampleId :

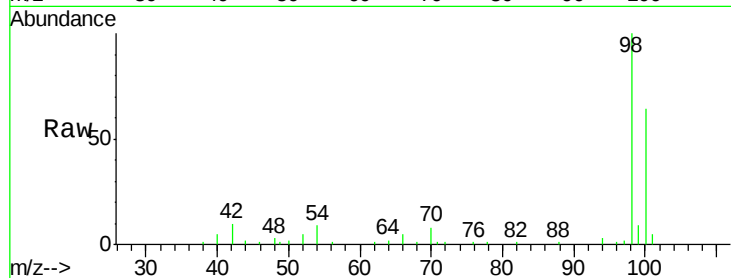
SU-03-042419-B

Tot Ion: 98 Resp: 124515

Ion Ratio Lower Upper

98 100

100 63.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

10.40

60000

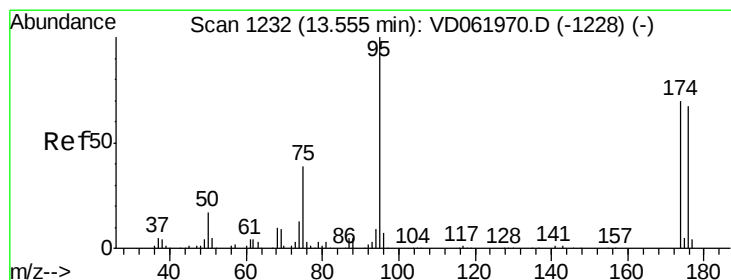
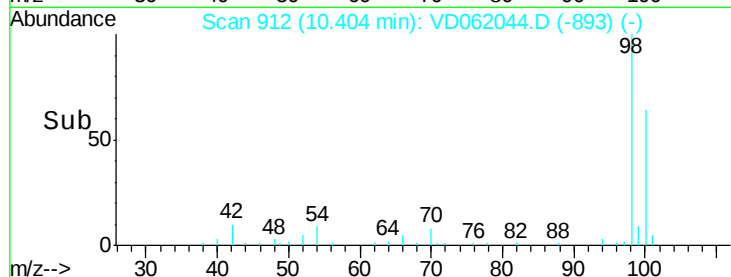
40000

20000

0

Time-->

10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 68.114 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD062044.D

Acq: 25 Apr 2019 17:51

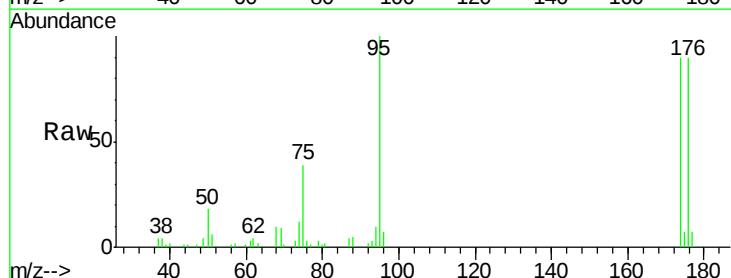
Tgt Ion: 95 Resp: 57817

Ion Ratio Lower Upper

95 100

174 89.6 0.0 181.8

176 89.5 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061970.D (-1228) (-)

Ion 173.90 (173.60 to 174.60): VD061970.D (-1228) (-)

Ion 175.90 (175.60 to 176.60): VD061970.D (-1228) (-)

13.55

50000

40000

30000

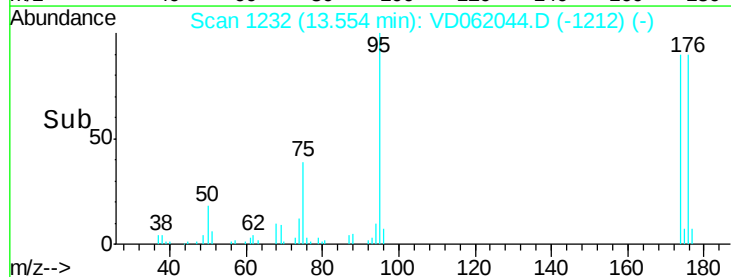
20000

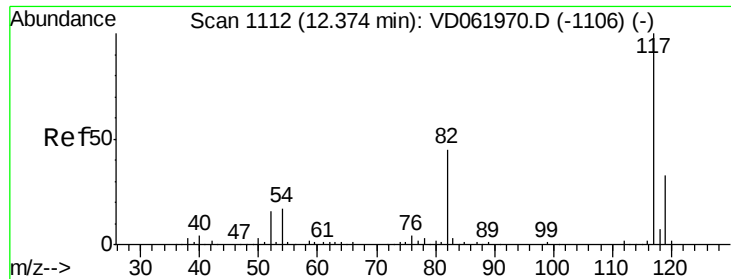
10000

0

Time-->

13.50 13.55 13.60

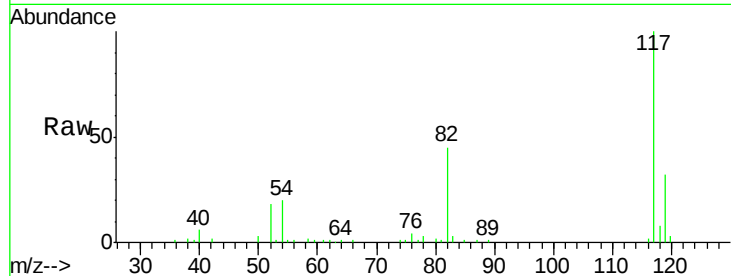




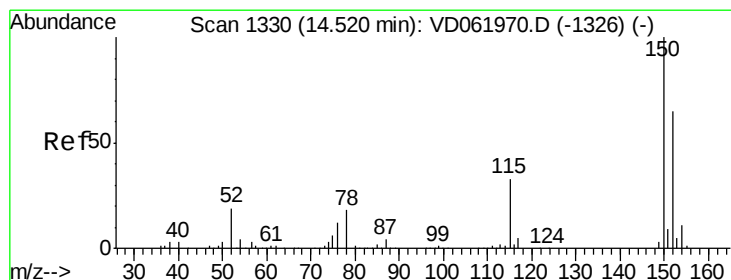
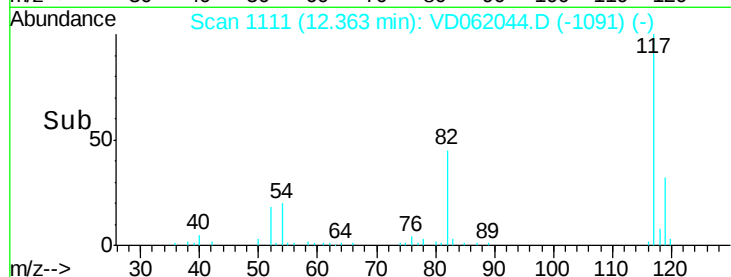
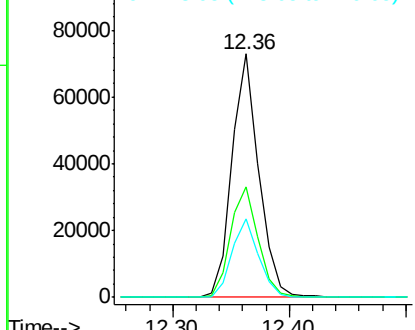
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062044.D
Acq: 25 Apr 2019 17:51

Instrument :
MSVOA_D
ClientSampleId :
SU-03-042419-B

Tot Ion:117 Resp: 116316
Ion Ratio Lower Upper
117 100
82 45.4 36.2 54.2
119 32.4 26.2 39.4

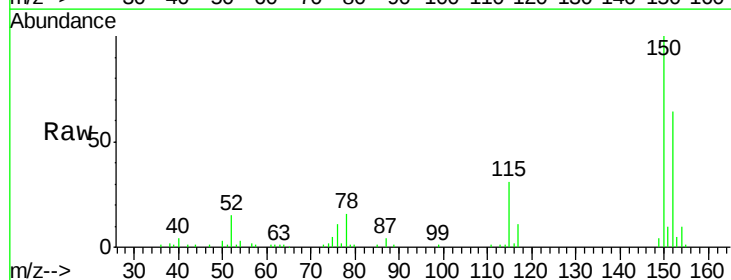


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD062044.D
Acq: 25 Apr 2019 17:51

Tgt Ion:152 Resp: 55187
Ion Ratio Lower Upper
152 100
115 48.2 30.9 92.7
150 157.3 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

