

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042919\
 Data File : VD062071.D
 Acq On : 29 Apr 2019 19:13
 Operator : FY/SY
 Sample : K2194-05
 Misc : 6.23qm/5mL/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-03-042919-C

Quant Time: Apr 30 01:52:42 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

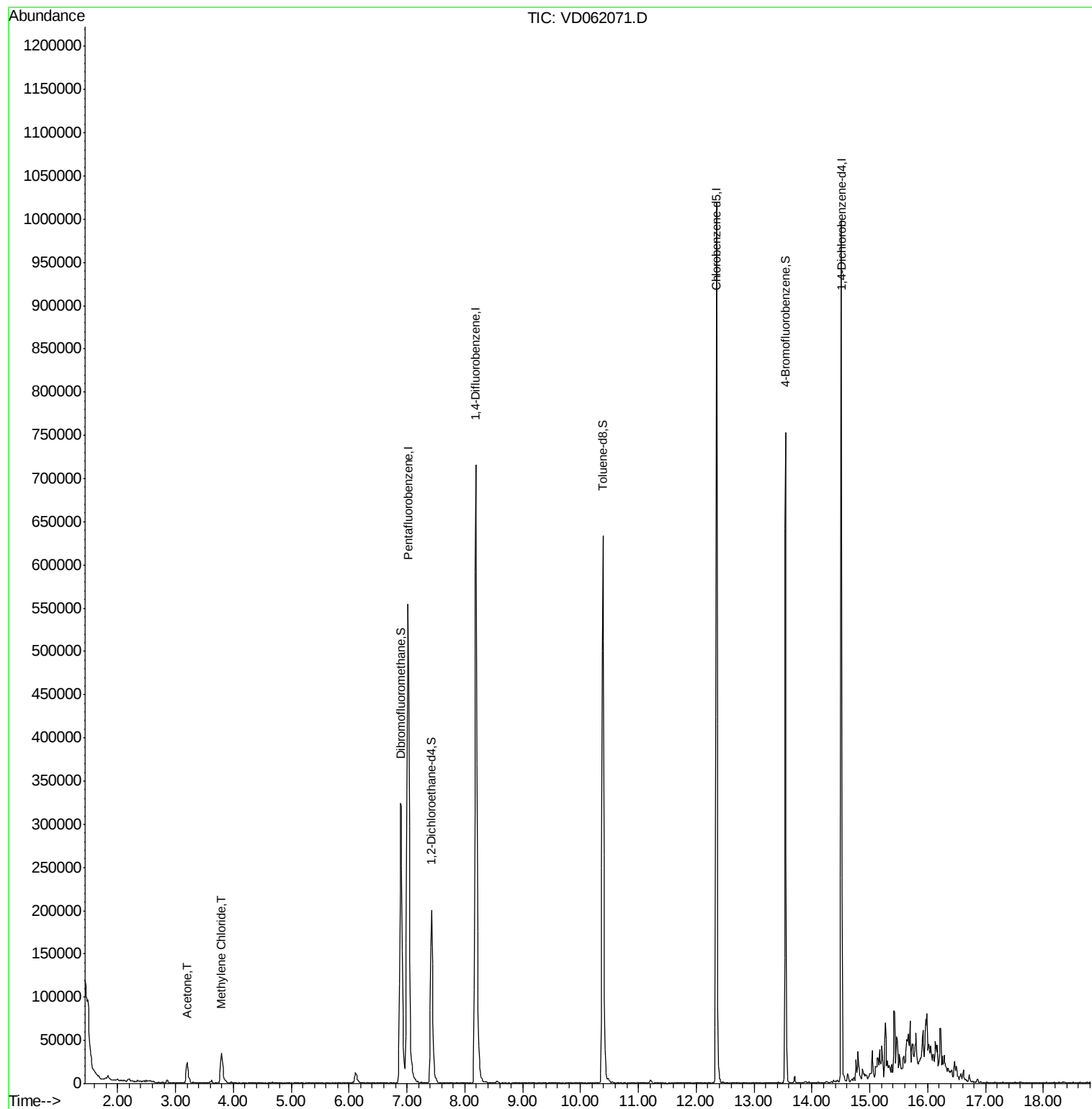
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	569068	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	885353	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	660715	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	263234	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	222042	49.85	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	99.70%	
35) Dibromofluoromethane	6.90	113	313916	51.27	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	102.54%	
50) Toluene-d8	10.39	98	555191	38.11	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	76.22%	
62) 4-Bromofluorobenzene	13.55	95	241236	41.28	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	82.56%	
Target Compounds						
16) Acetone	3.20	43	47048	44.241	ug/l	98
20) Methylene Chloride	3.79	84	27647	2.298	ug/l	96

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

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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: 7.02 min Scan# 568

Delta R.T. -0.03 min

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Acq: 29 Apr 2019 19:13

Instrument :

MSVOA_D

ClientSampleId :

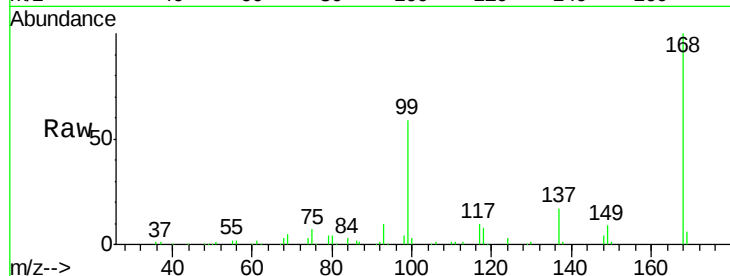
JC-03-042919-C

Tot Ion:168 Resp: 569068

Ion Ratio Lower Upper

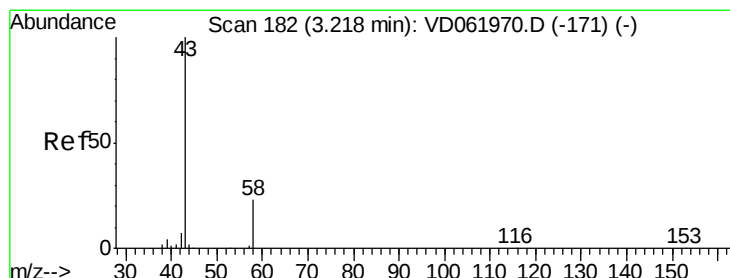
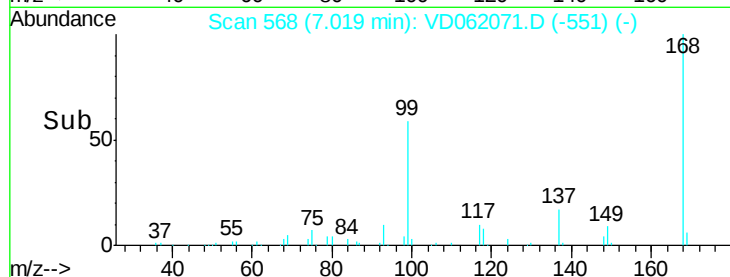
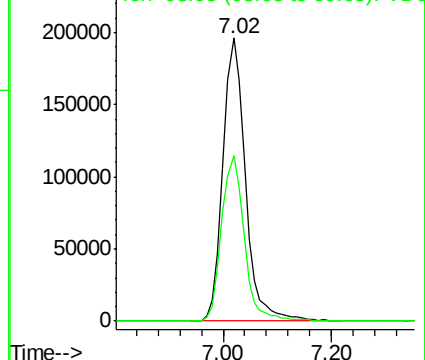
168 100

99 58.6 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: 44.241 ug/l

RT: 3.20 min Scan# 180

Delta R.T. -0.02 min

Lab File: VD062071.D

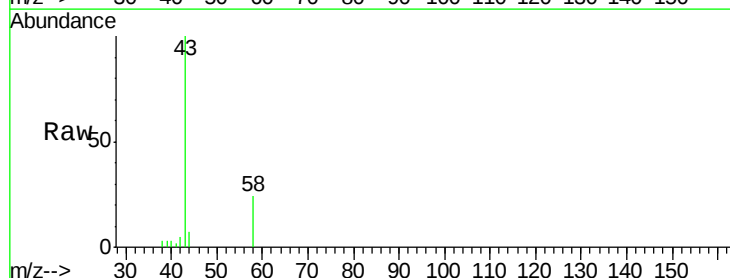
Acq: 29 Apr 2019 19:13

Tgt Ion: 43 Resp: 47048

Ion Ratio Lower Upper

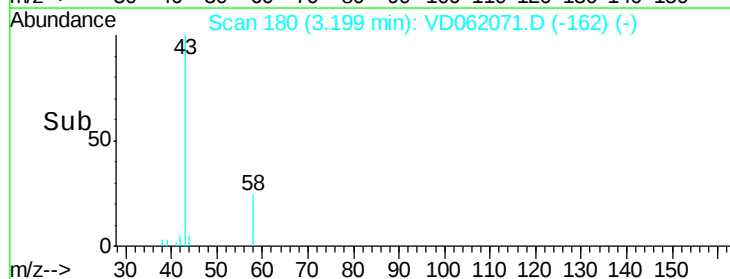
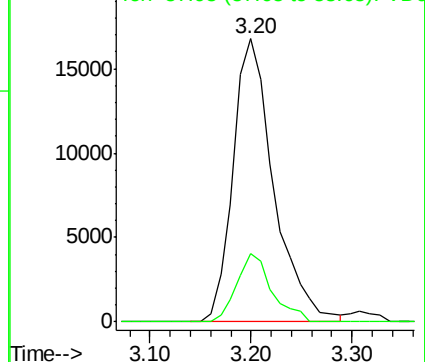
43 100

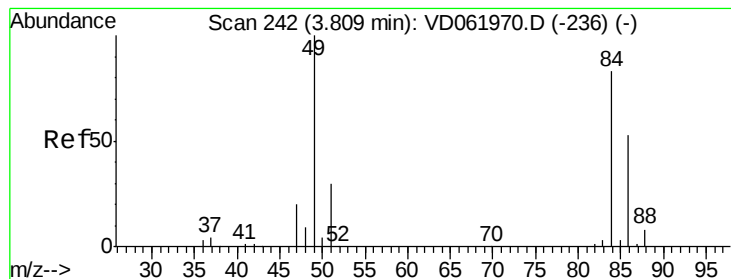
58 24.1 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 2.298 ug/l

RT: 3.79 min Scan# 240

Delta R.T. -0.03 min

Lab File: VD062071.D

Acq: 29 Apr 2019 19:13

Instrument :

MSVOA_D

ClientSampleId :

JC-03-042919-C

Tot Ion: 84 Resp: 27647

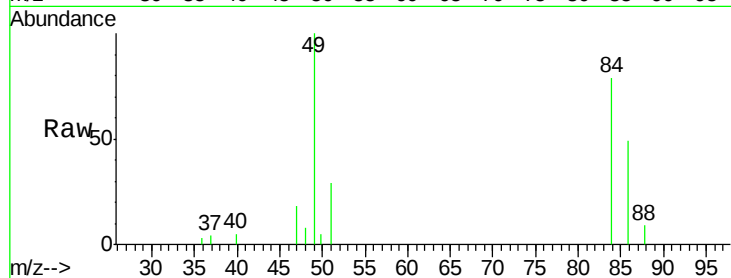
Ion Ratio Lower Upper

84 100

49 126.1 94.0 141.0

51 36.3 29.0 43.4

86 61.8 49.8 74.6

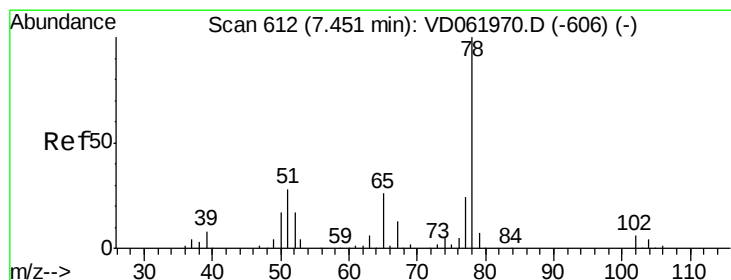
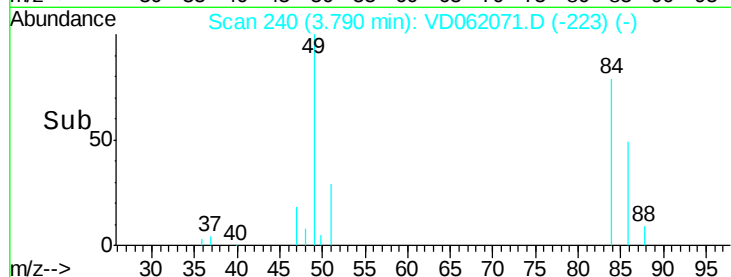
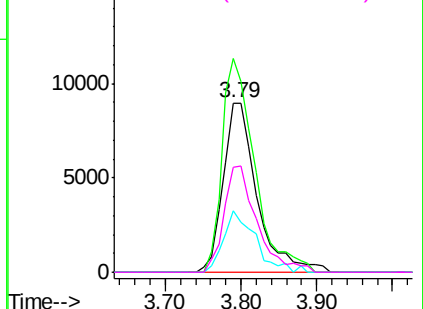


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 49.854 ug/l

RT: 7.42 min Scan# 609

Delta R.T. -0.03 min

Lab File: VD062071.D

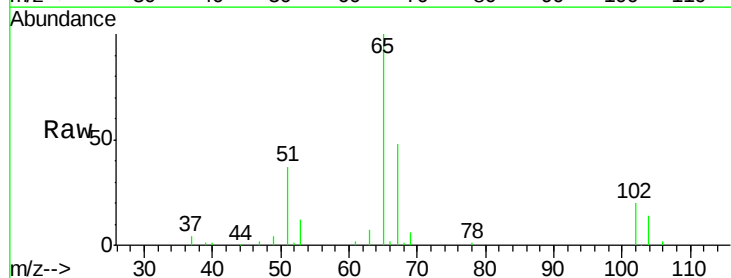
Acq: 29 Apr 2019 19:13

Tgt Ion: 65 Resp: 222042

Ion Ratio Lower Upper

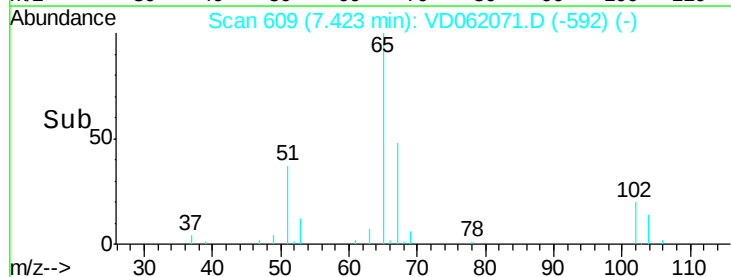
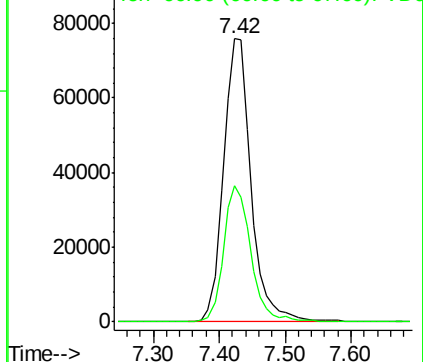
65 100

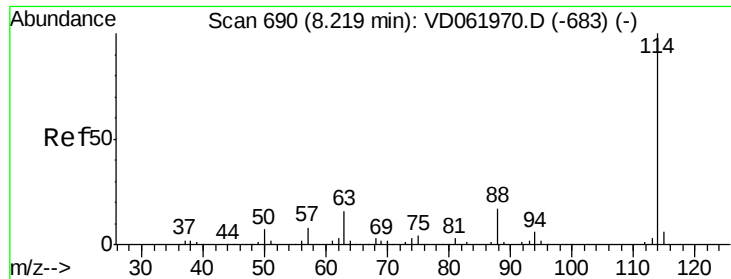
67 48.3 0.0 98.0



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: 8.19 min Scan# 687

Delta R.T. -0.03 min

Lab File: VD062071.D

Acq: 29 Apr 2019 19:13

Instrument :

MSVOA_D

ClientSampleId :

JC-03-042919-C

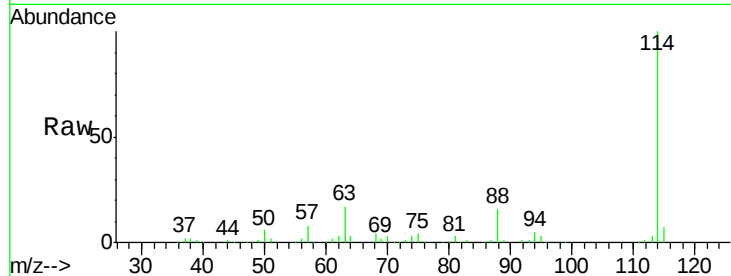
Tot Ion:114 Resp: 885353

Ion Ratio Lower Upper

114 100

63 16.7 0.0 32.4

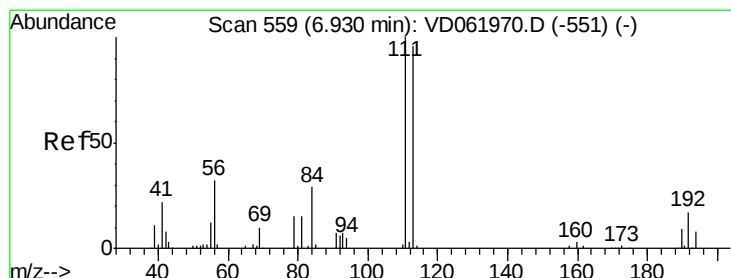
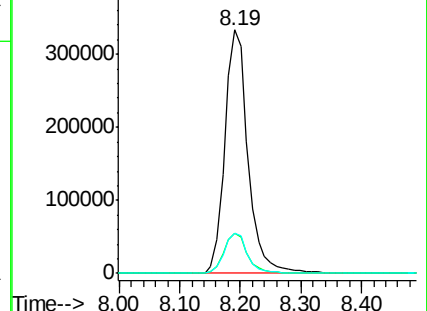
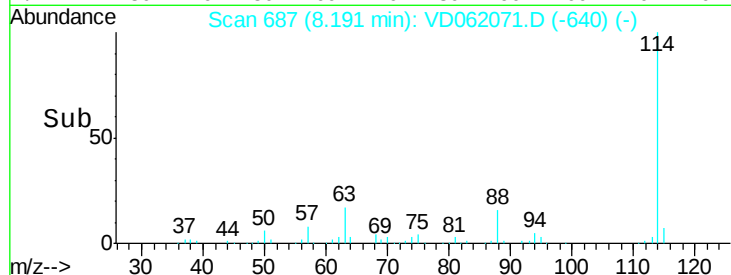
88 16.5 0.0 33.6



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: 51.268 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.03 min

Lab File: VD062071.D

Acq: 29 Apr 2019 19:13

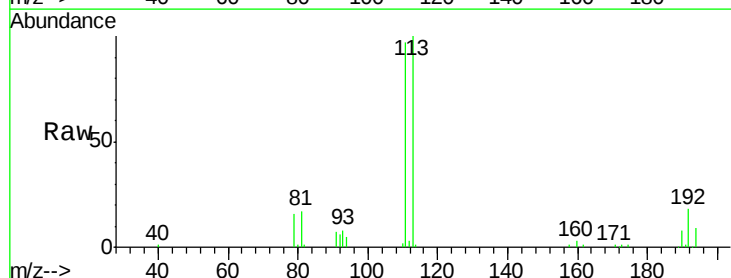
Tgt Ion:113 Resp: 313916

Ion Ratio Lower Upper

113 100

111 96.6 78.5 117.7

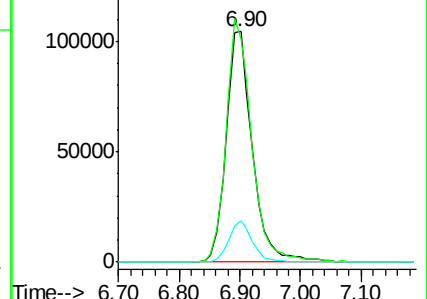
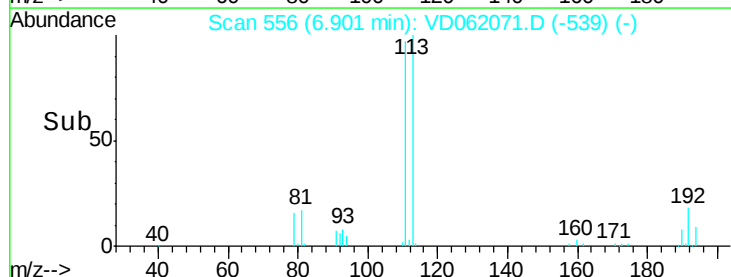
192 17.8 13.0 19.4

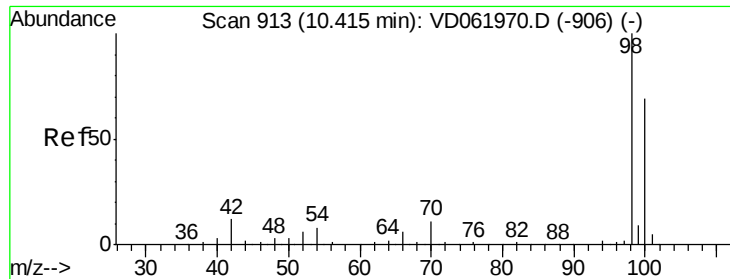


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 38.106 ug/l

RT: 10.39 min Scan# 910

Delta R.T. -0.03 min

Lab File: VD062071.D

Acq: 29 Apr 2019 19:13

Instrument :

MSVOA_D

ClientSampleId :

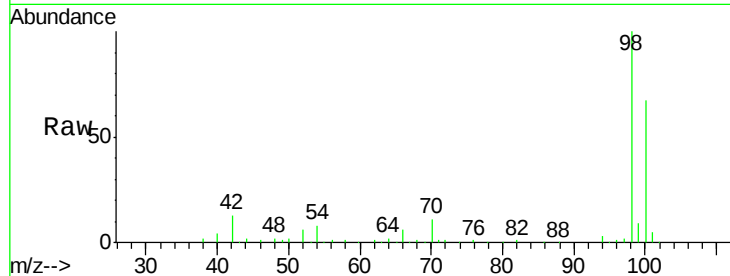
JC-03-042919-C

Tot Ion: 98 Resp: 555191

Ion Ratio Lower Upper

98 100

100 67.2 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) (-)

10.39

250000

200000

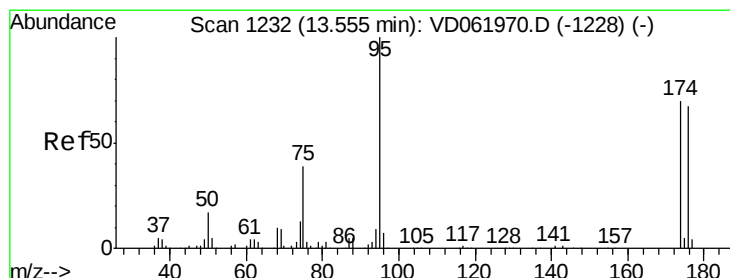
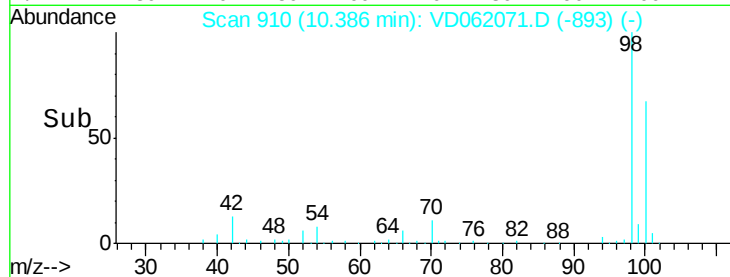
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 41.280 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD062071.D

Acq: 29 Apr 2019 19:13

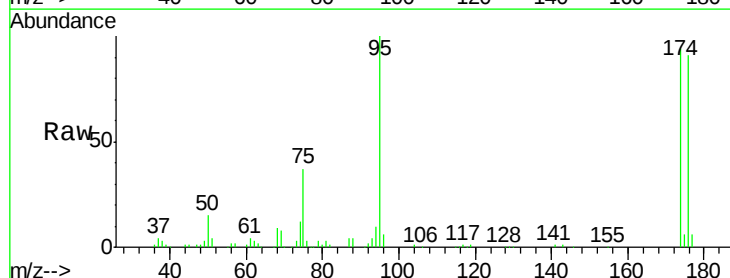
Tgt Ion: 95 Resp: 241236

Ion Ratio Lower Upper

95 100

174 94.3 0.0 181.8

176 91.0 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) (-)

200000

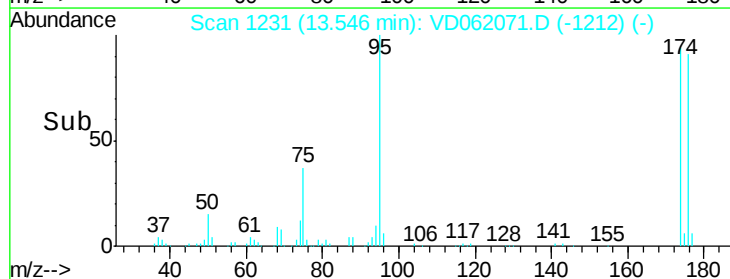
150000

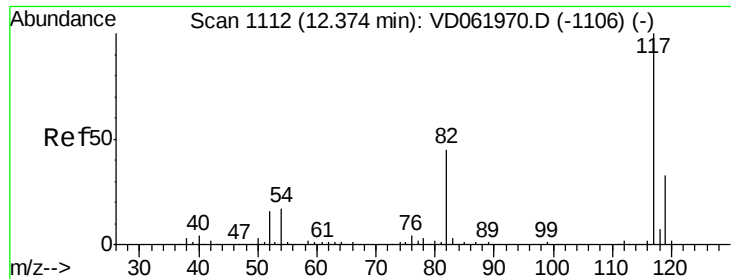
100000

50000

0

Time-->

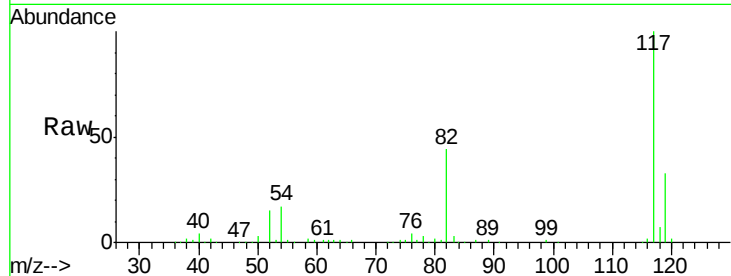




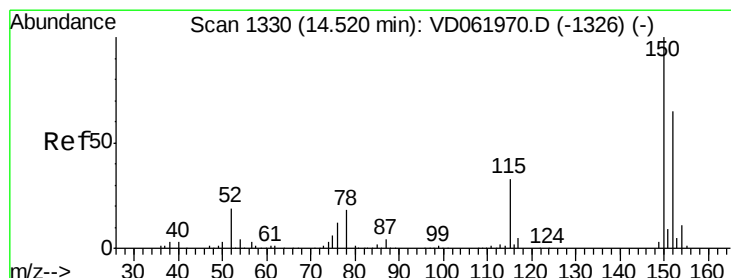
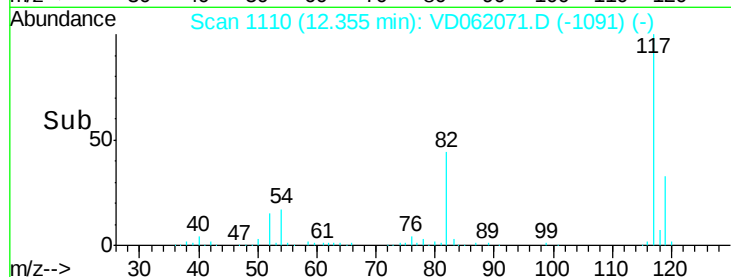
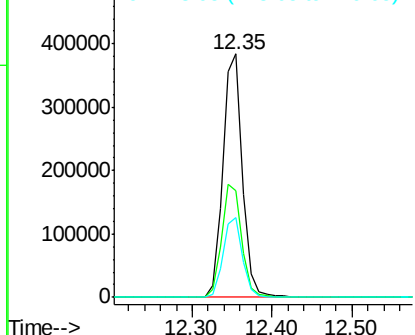
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD062071.D
Acq: 29 Apr 2019 19:13

Instrument :
MSVOA_D
ClientSampleId :
JC-03-042919-C

Tot Ion:117 Resp: 660715
Ion Ratio Lower Upper
117 100
82 43.8 36.2 54.2
119 32.7 26.2 39.4

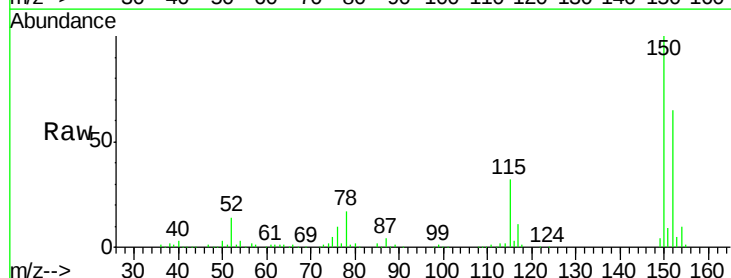


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062071.D
Acq: 29 Apr 2019 19:13

Tgt Ion:152 Resp: 263234
Ion Ratio Lower Upper
152 100
115 49.7 30.9 92.7
150 153.4 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

