

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042519\
 Data File : VD062048.D
 Acq On : 25 Apr 2019 19:52
 Operator : VA/AP
 Sample : K2564-01
 Misc : 5.36g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C-1_042419

Quant Time: Apr 26 02:01:17 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

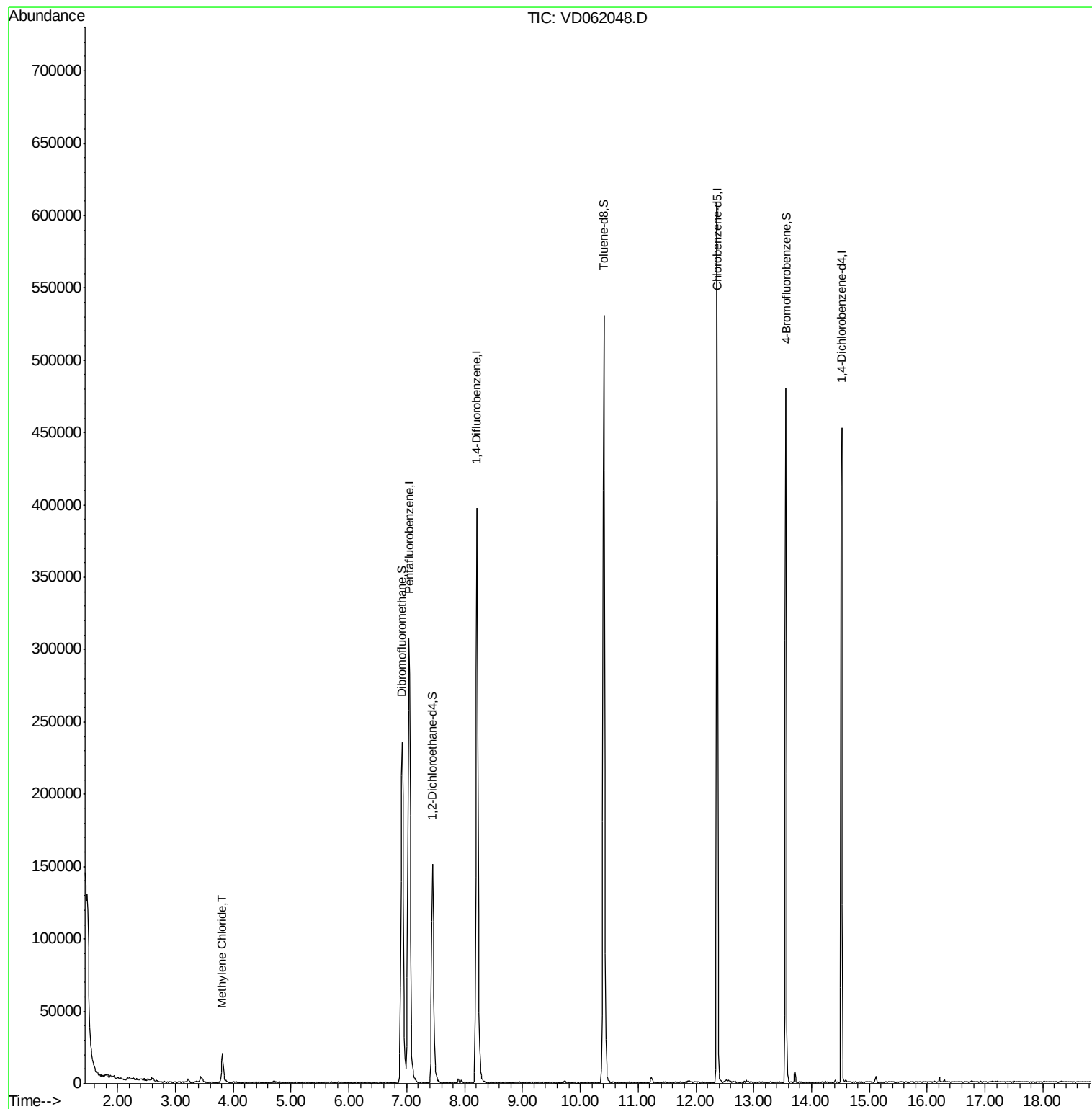
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	307954	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	473965	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	351058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	112973	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	167346	69.43	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	138.86%	
35) Dibromofluoromethane	6.92	113	219697	67.02	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	134.04%	
50) Toluene-d8	10.41	98	449987	57.69	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	115.38%	
62) 4-Bromofluorobenzene	13.56	95	142926	45.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.38%	
Target Compounds						
20) Methylene Chloride	3.81	84	14129	1.981	ug/l	Qvalue 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: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD062048.D

Acq: 25 Apr 2019 19:52

Instrument :

MSVOA_D

ClientSampleId :

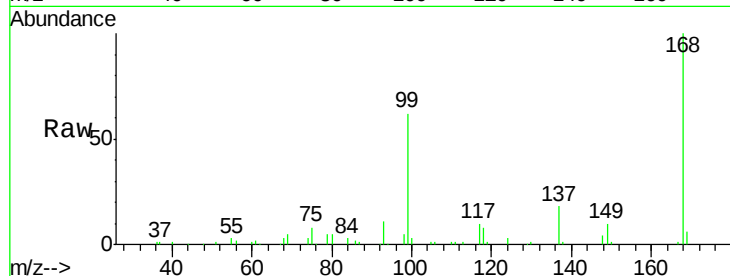
C-1_042419

Tot Ion:168 Resp: 307954

Ion Ratio Lower Upper

168 100

99 62.2 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

120000

100000

80000

60000

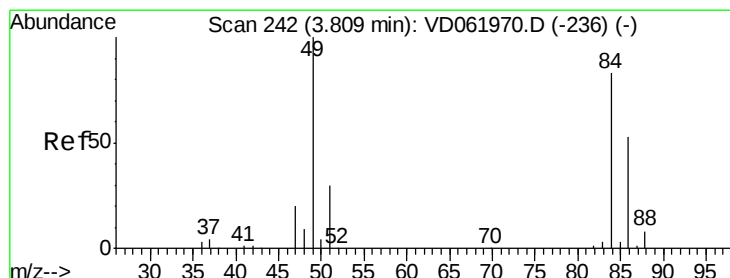
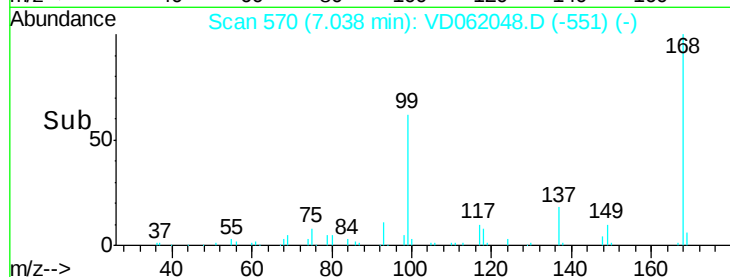
40000

20000

0

Time-->

6.90 7.00 7.10 7.20



#20

Methylene Chloride

Concen: 1.981 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD062048.D

Acq: 25 Apr 2019 19:52

Tgt Ion: 84 Resp: 14129

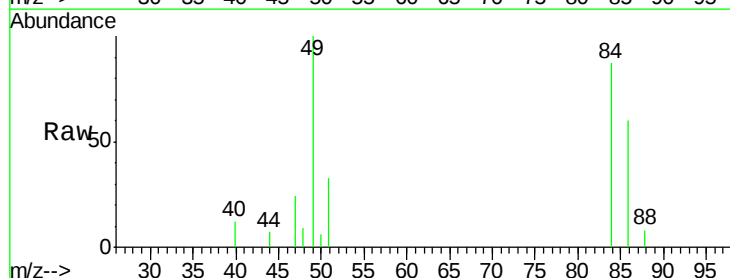
Ion Ratio Lower Upper

84 100

49 114.7 94.0 141.0

51 38.4 29.0 43.4

86 68.7 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

8000

6000

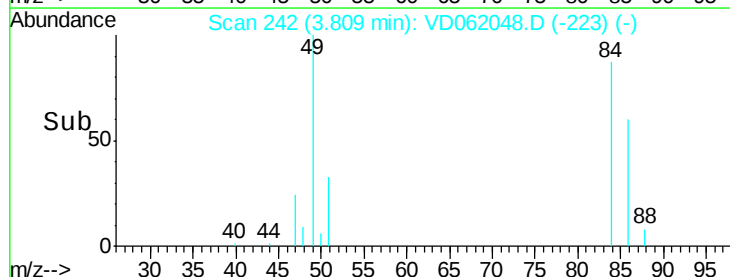
4000

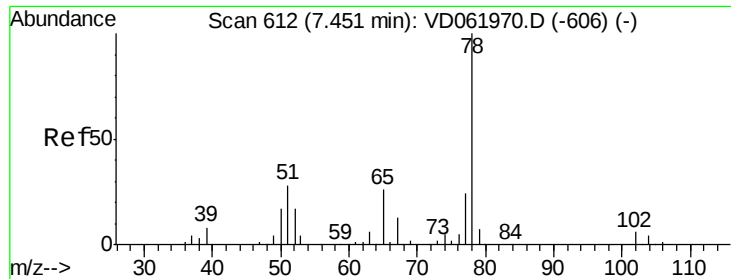
2000

0

Time-->

3.70 3.80 3.90





#33

1,2-Dichloroethane-d4

Concen: 69.432 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD062048.D

Acq: 25 Apr 2019 19:52

Instrument :

MSVOA_D

ClientSampleId :

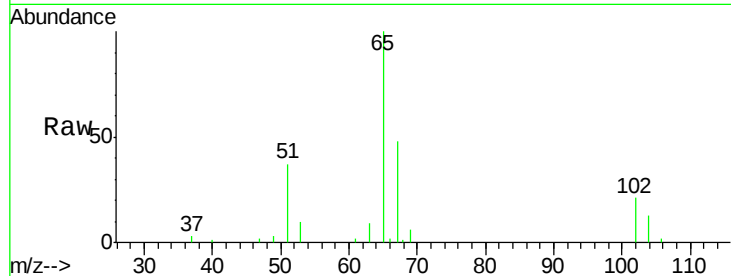
C-1_042419

Tot Ion: 65 Resp: 167346

Ion Ratio Lower Upper

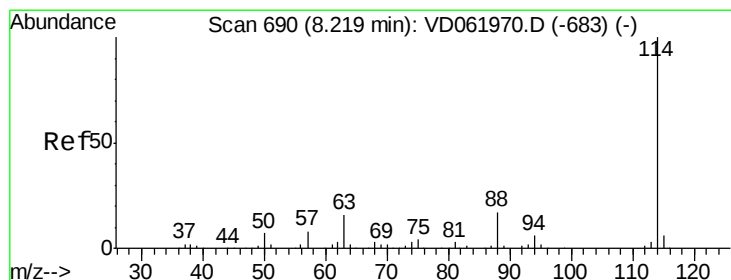
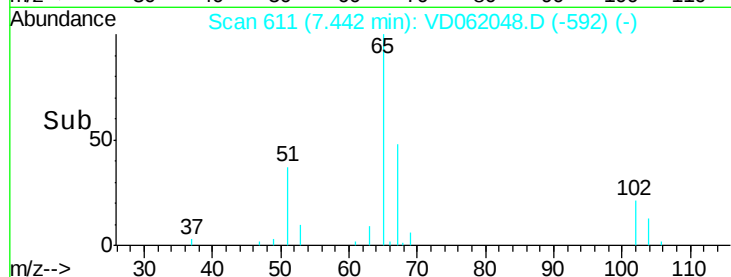
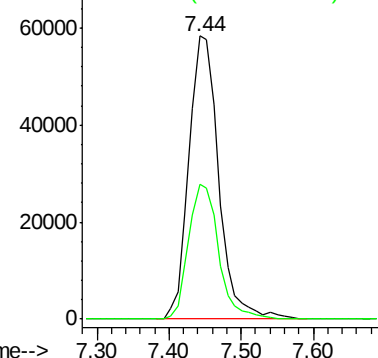
65 100

67 47.7 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: VD062048.D

Acq: 25 Apr 2019 19:52

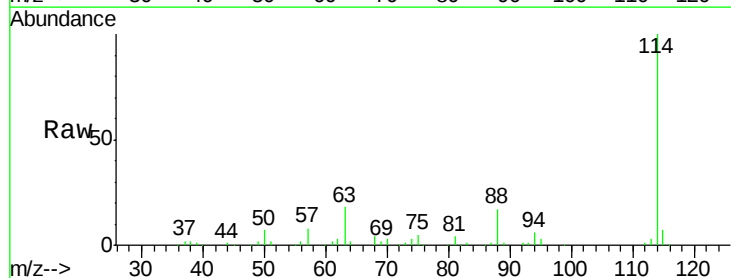
Tgt Ion: 114 Resp: 473965

Ion Ratio Lower Upper

114 100

63 17.6 0.0 32.4

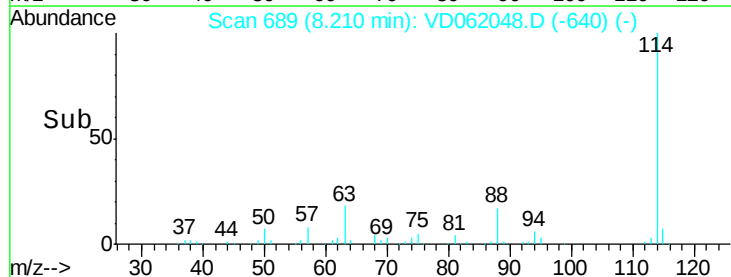
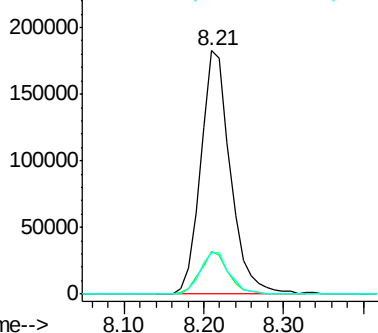
88 17.0 0.0 33.6

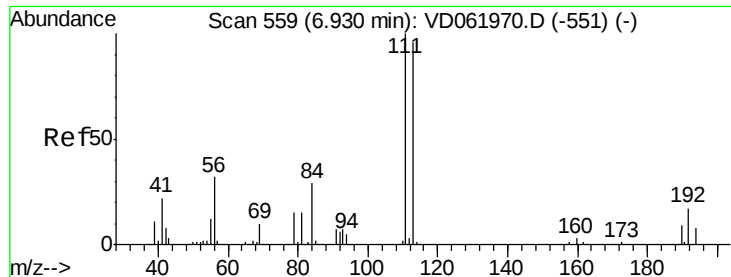


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 67.023 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD062048.D

Acq: 25 Apr 2019 19:52

Instrument :

MSVOA_D

ClientSampleId :

C-1_042419

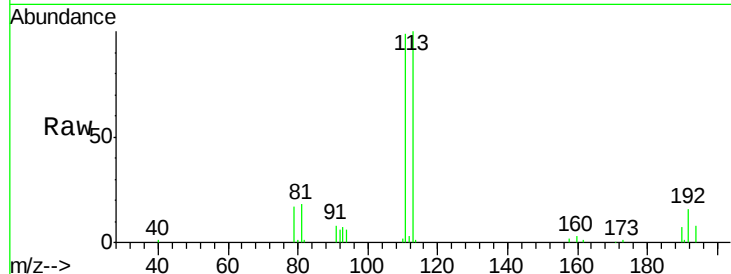
Tot Ion:113 Resp: 219697

Ion Ratio Lower Upper

113 100

111 98.9 78.5 117.7

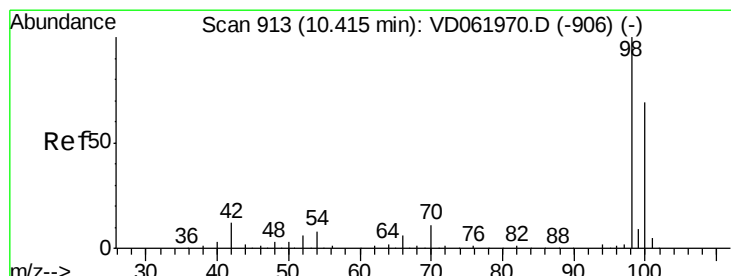
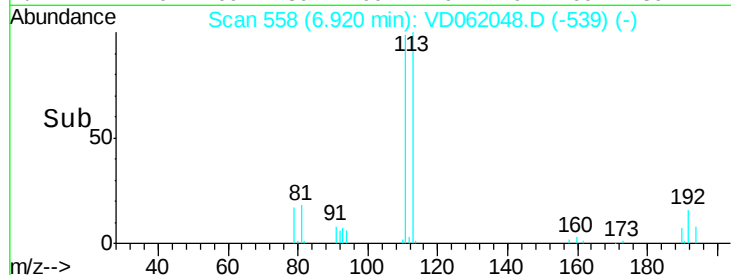
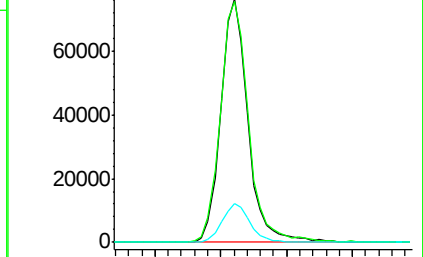
192 15.8 13.0 19.4



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: 57.692 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD062048.D

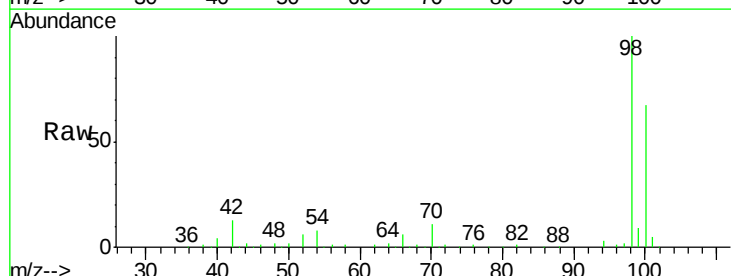
Acq: 25 Apr 2019 19:52

Tgt Ion: 98 Resp: 449987

Ion Ratio Lower Upper

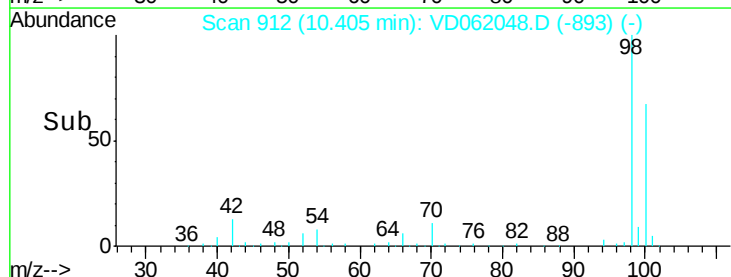
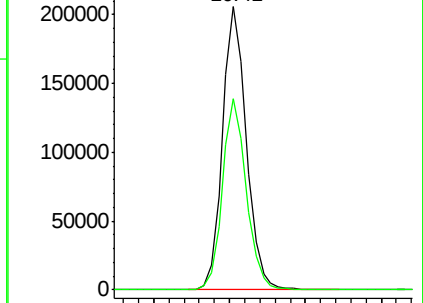
98 100

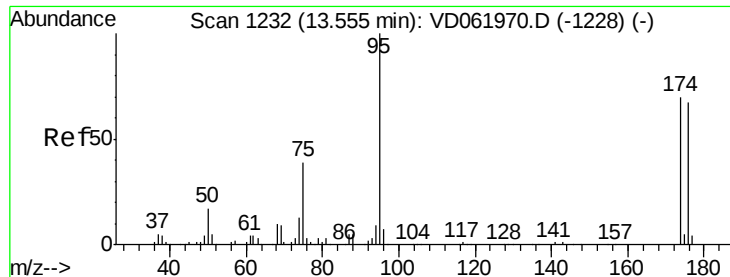
100 67.5 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 45.686 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062048.D

Acq: 25 Apr 2019 19:52

Instrument :

MSVOA_D

ClientSampleId :

C-1_042419

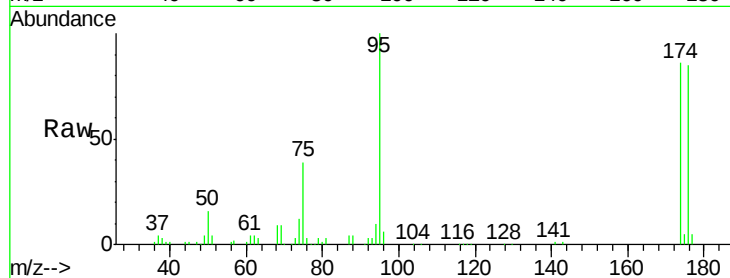
Tot Ion: 95 Resp: 142926

Ion Ratio Lower Upper

95 100

174 85.8 0.0 181.8

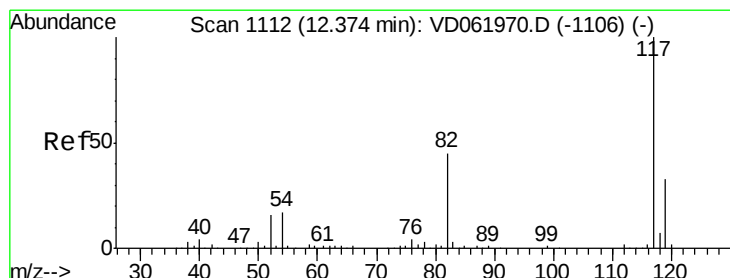
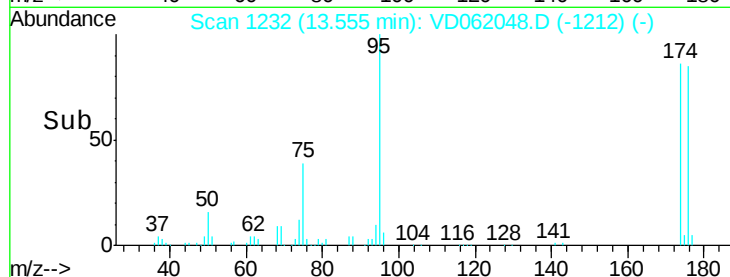
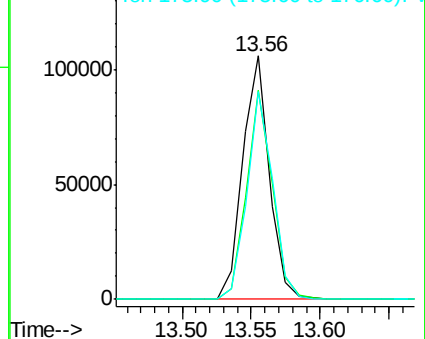
176 85.5 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD062048.D

Acq: 25 Apr 2019 19:52

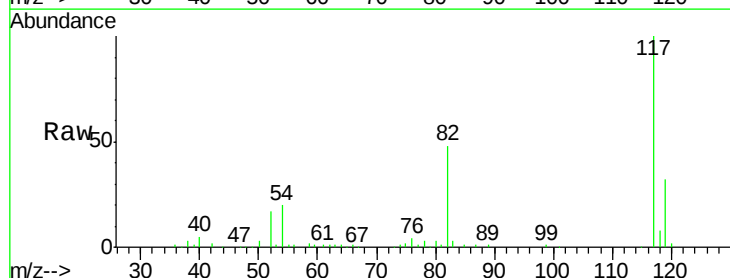
Tgt Ion: 117 Resp: 351058

Ion Ratio Lower Upper

117 100

82 47.6 36.2 54.2

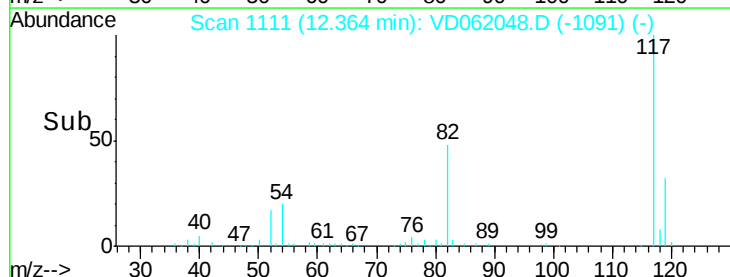
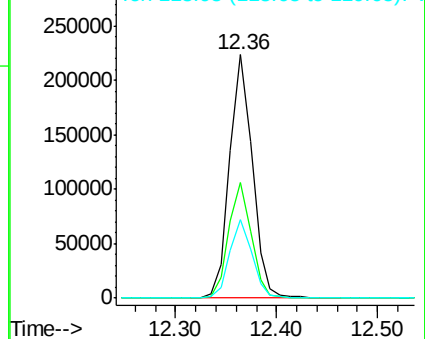
119 32.2 26.2 39.4

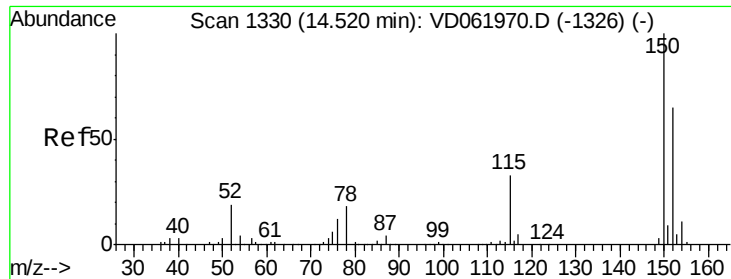


Abundance Ion 116.95 (116.65 to 117.65): V

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. -0.00 min
 Lab File: VD062048.D
 Acq: 25 Apr 2019 19:52

Instrument :
 MSVOA_D
 ClientSampleId :
 C-1_042419

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.6	30.9	92.7
150	160.0	0.0	314.8

