

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042219\
 Data File : VD061946.D
 Acq On : 22 Apr 2019 18:43
 Operator : VA/AP
 Sample : K2484-01
 Misc : 6.91g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-12000

Quant Time: Apr 23 00:29:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

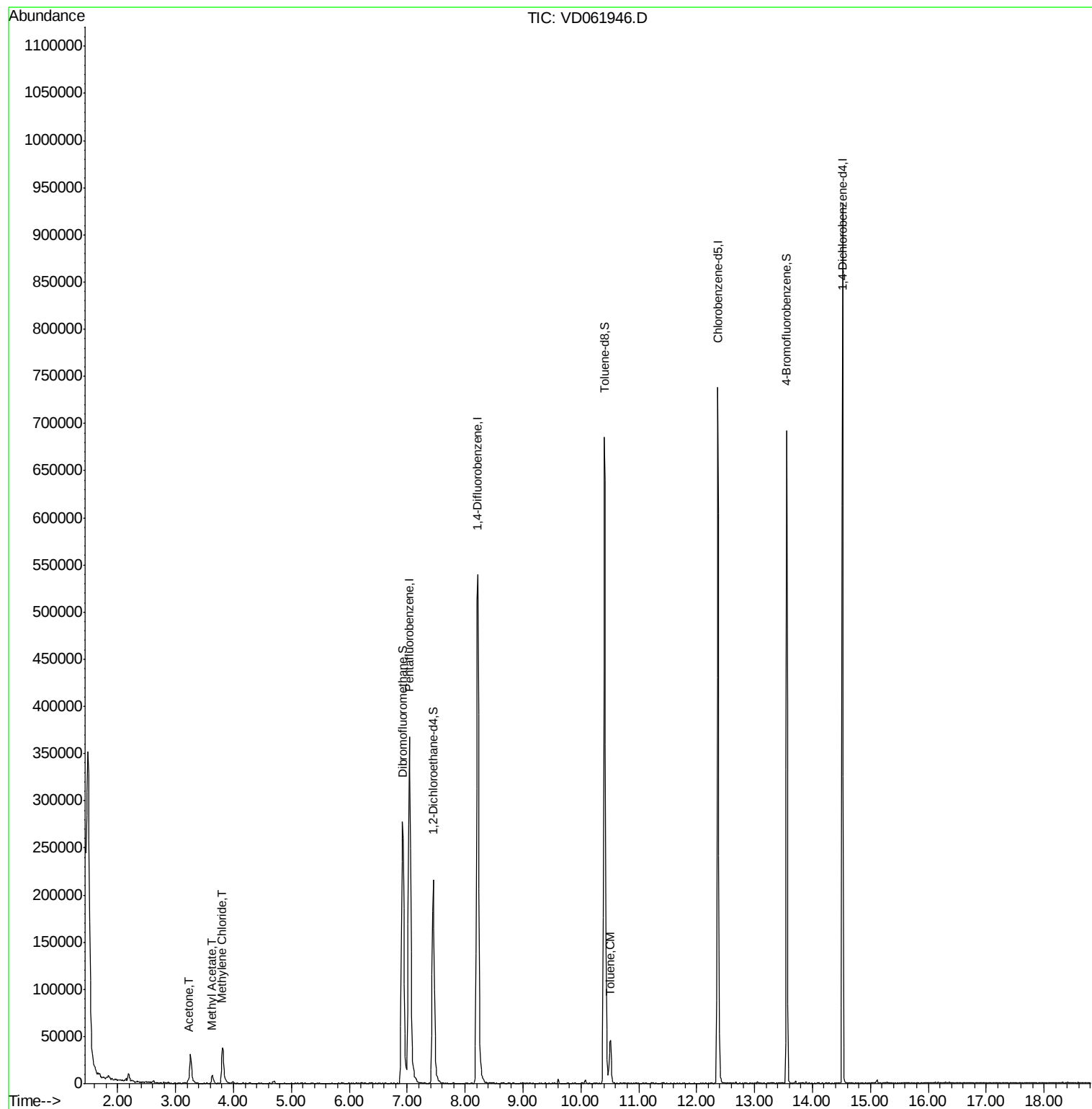
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	384607	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	667918	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	479221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	209560	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	212855	66.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.06%	
35) Dibromofluoromethane	6.92	113	280950	55.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.36%	
50) Toluene-d8	10.40	98	597597	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
62) 4-Bromofluorobenzene	13.55	95	204088	42.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.22%	
Target Compounds						
16) Acetone	3.22	43	6346	7.988	ug/l	96
18) Methyl Acetate	3.63	43	14926	9.374	ug/l #	86
20) Methylene Chloride	3.81	84	28499	2.896	ug/l	89
52) Toluene	10.51	92	26529	3.159	ug/l	90

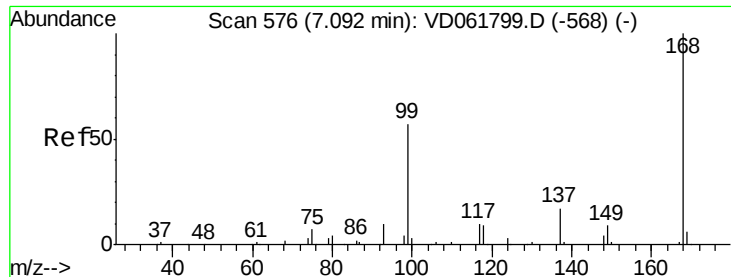
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042219\
Data File : VD061946.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 13:49:04 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: VD061946.D

Acq: 22 Apr 2019 18:43

Instrument :

MSVOA_D

ClientSampleId :

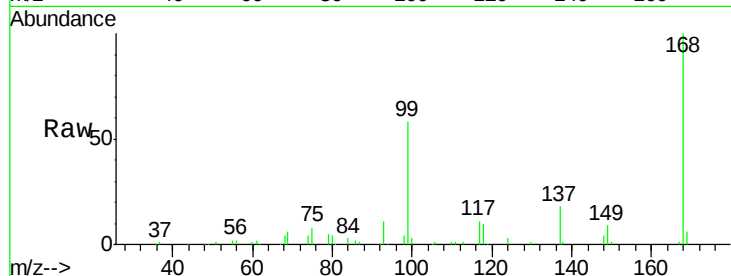
72-12000

Tot Ion:168 Resp: 384607

Ion Ratio Lower Upper

168 100

99 58.1 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

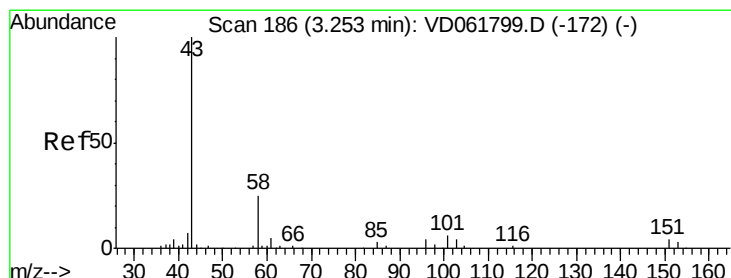
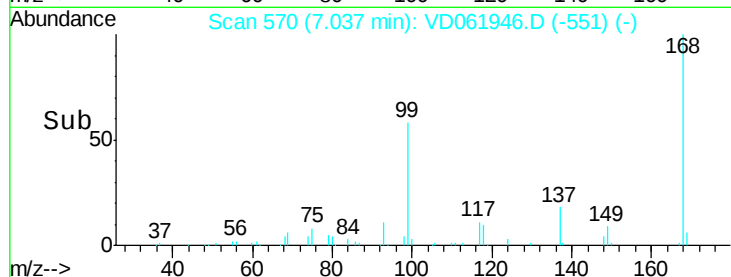
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 7.988 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD061946.D

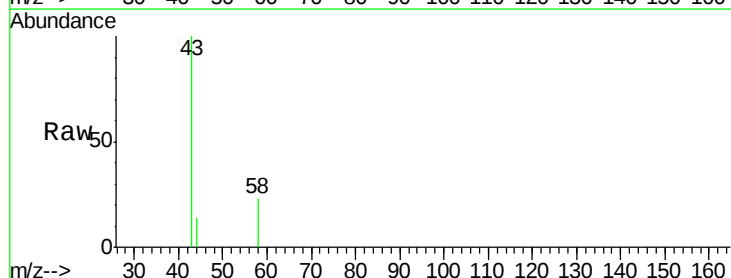
Acq: 22 Apr 2019 18:43

Tgt Ion: 43 Resp: 6346

Ion Ratio Lower Upper

43 100

58 23.1 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

3000

2500

2000

1500

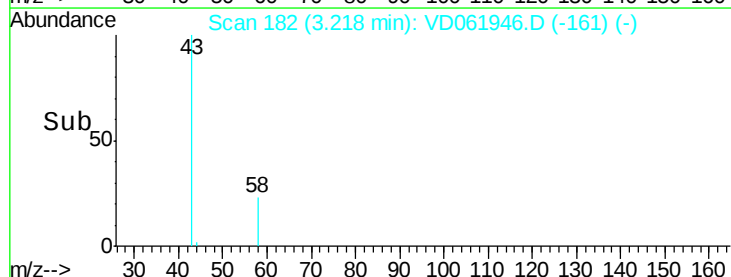
1000

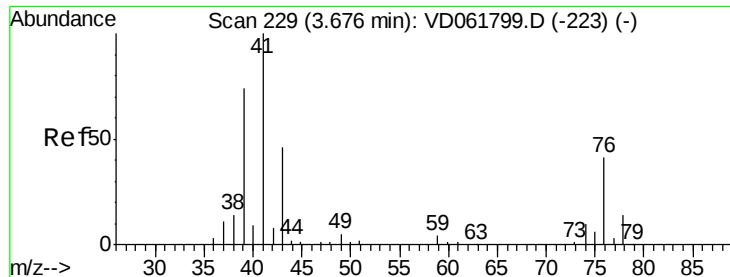
500

0

3.15 3.20 3.25 3.30

Time-->

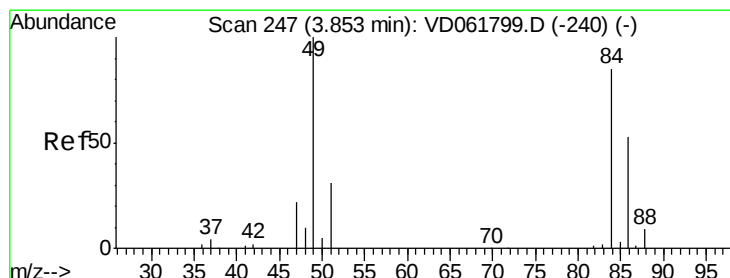
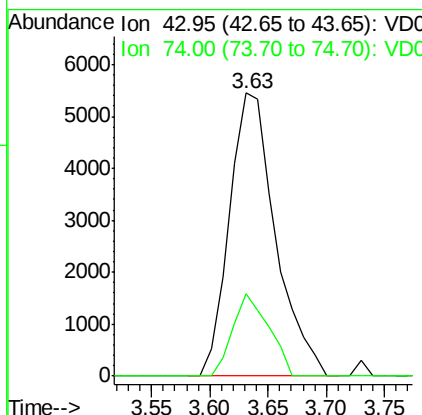
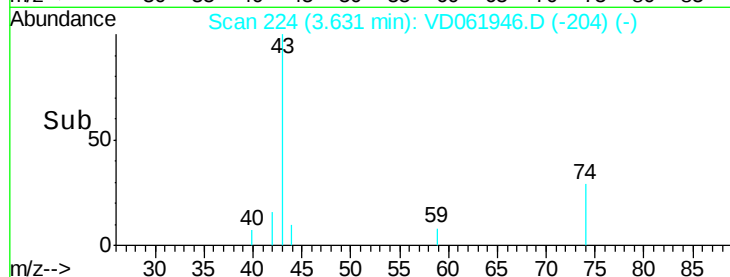
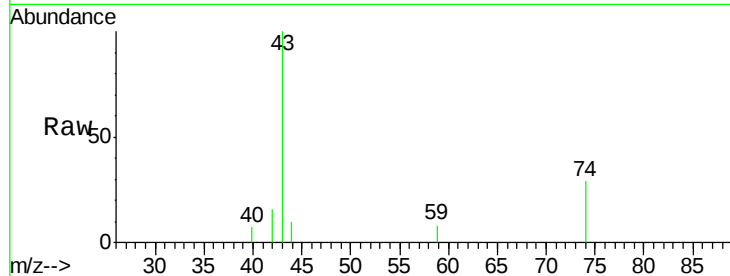




#18
Methyl Acetate
Concen: 9.374 ug/l
RT: 3.63 min Scan# 224
Delta R.T. -0.00 min
Lab File: VD061946.D
Acq: 22 Apr 2019 18:43

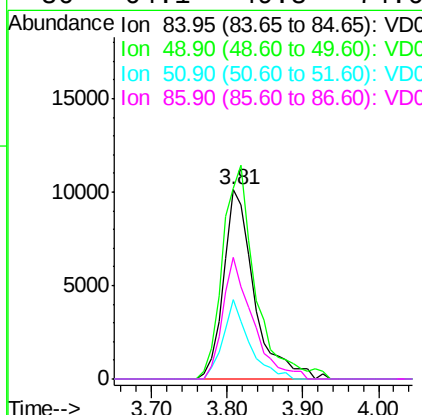
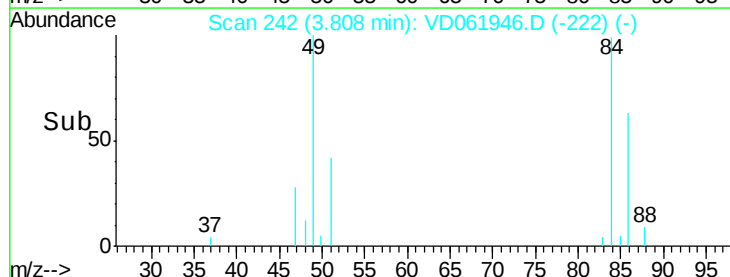
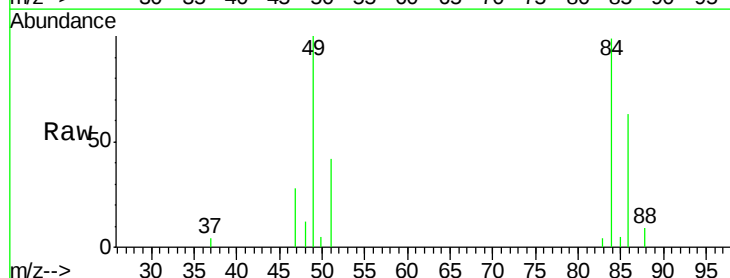
Instrument :
MSVOA_D
ClientSampleId :
72-12000

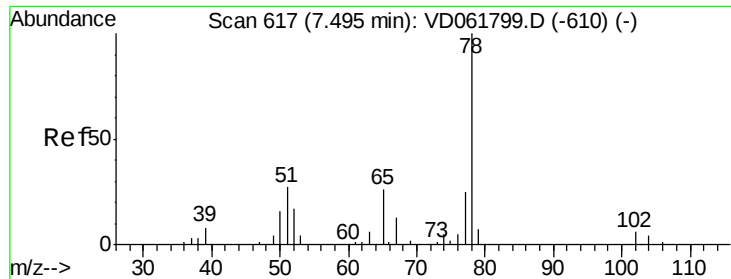
Tot Ion: 43 Resp: 14926
Ion Ratio Lower Upper
43 100
74 29.3 18.0 27.0#



#20
Methylene Chloride
Concen: 2.896 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.00 min
Lab File: VD061946.D
Acq: 22 Apr 2019 18:43

Tgt Ion: 84 Resp: 28499
Ion Ratio Lower Upper
84 100
49 101.0 94.0 141.0
51 41.9 29.0 43.4
86 64.1 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD061946.D

Acq: 22 Apr 2019 18:43

Instrument :

MSVOA_D

ClientSampleId :

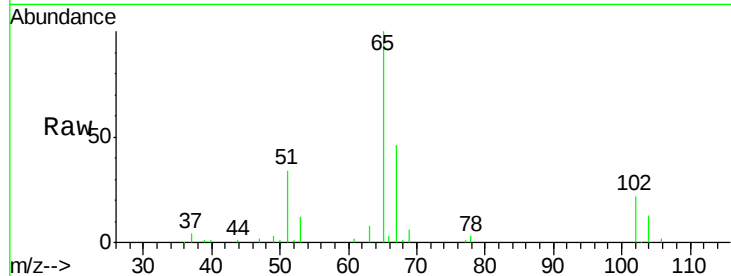
72-12000

Tot Ion: 65 Resp: 212855

Ion Ratio Lower Upper

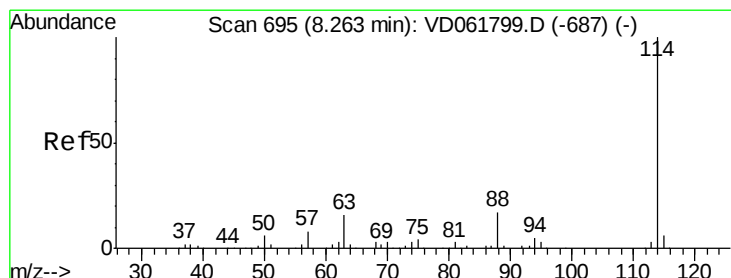
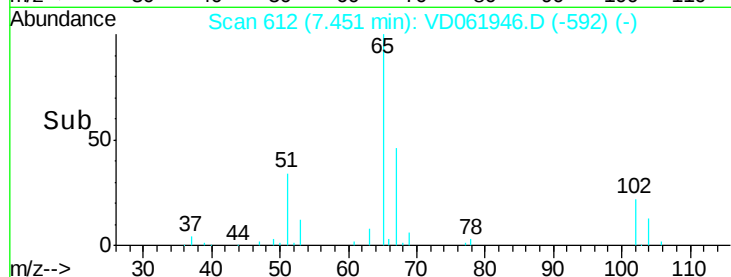
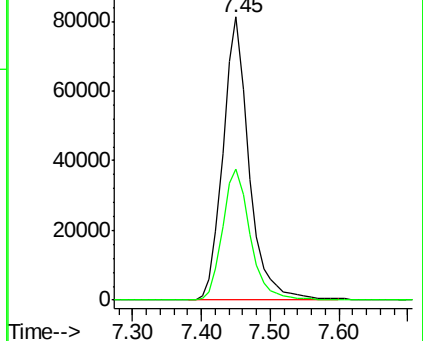
65 100

67 46.5 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: 8.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD061946.D

Acq: 22 Apr 2019 18:43

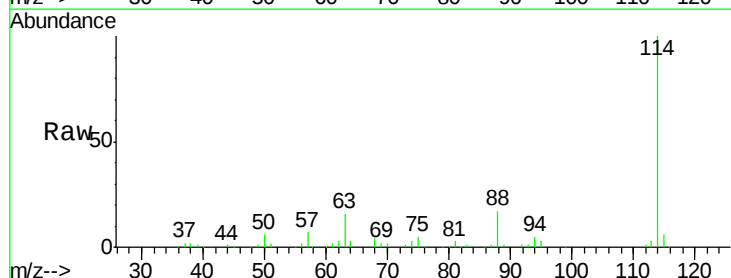
Tgt Ion: 114 Resp: 667918

Ion Ratio Lower Upper

114 100

63 15.6 0.0 32.4

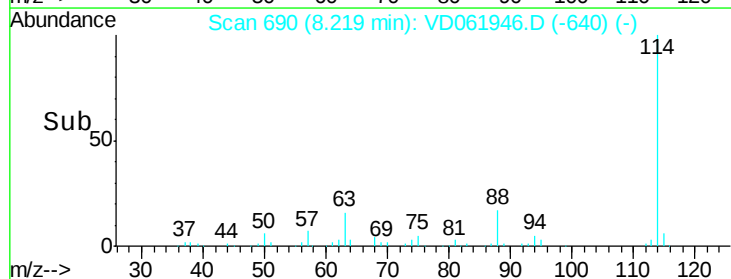
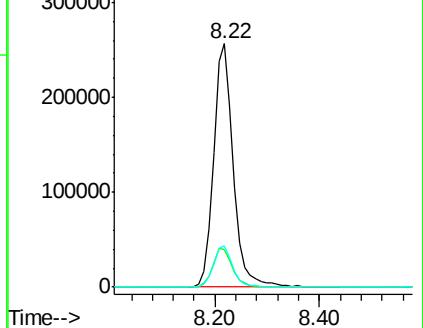
88 16.7 0.0 33.6

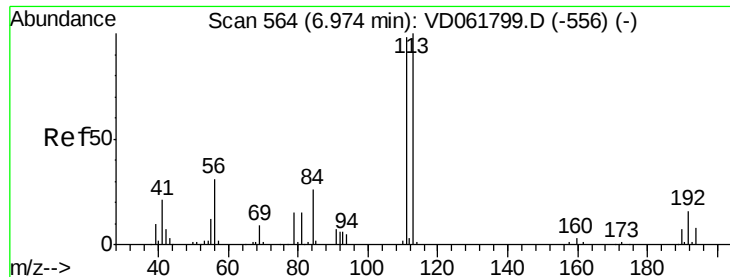


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.00 min

Lab File: VD061946.D

Acq: 22 Apr 2019 18:43

Instrument :

MSVOA_D

ClientSampleId :

72-12000

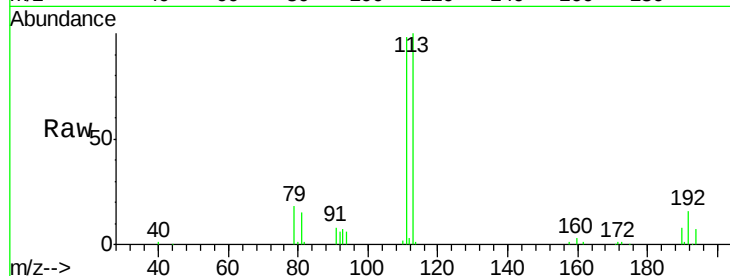
Tot Ion:113 Resp: 280950

Ion Ratio Lower Upper

113 100

111 98.0 78.5 117.7

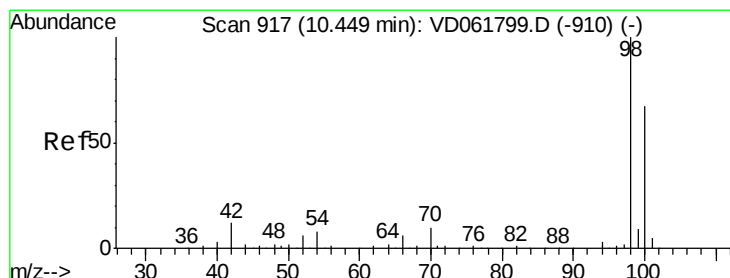
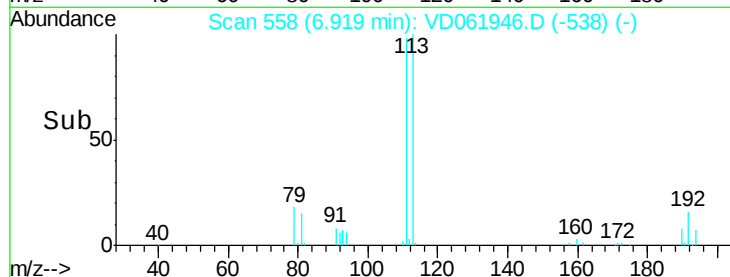
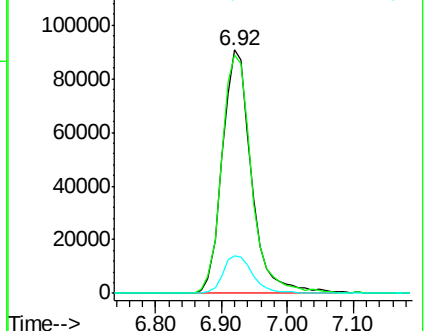
192 15.6 13.0 19.4



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: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD061946.D

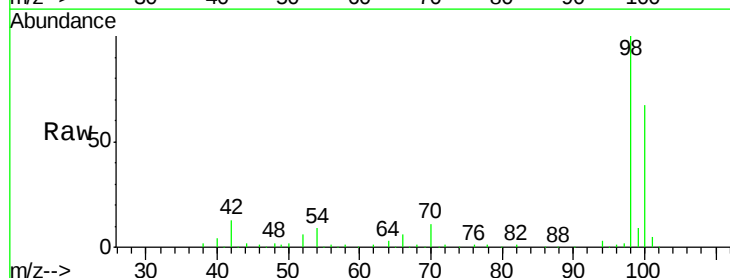
Acq: 22 Apr 2019 18:43

Tgt Ion: 98 Resp: 597597

Ion Ratio Lower Upper

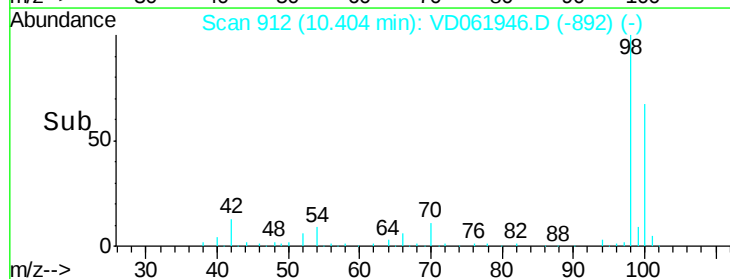
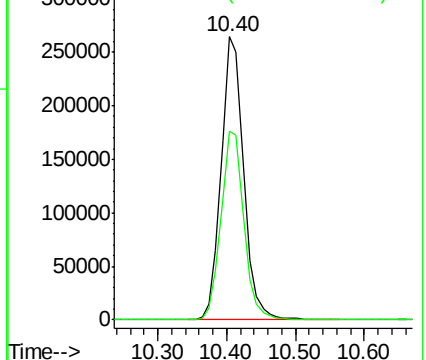
98 100

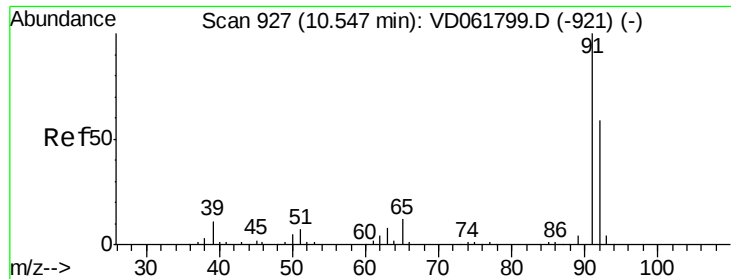
100 66.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 3.159 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD061946.D

Acq: 22 Apr 2019 18:43

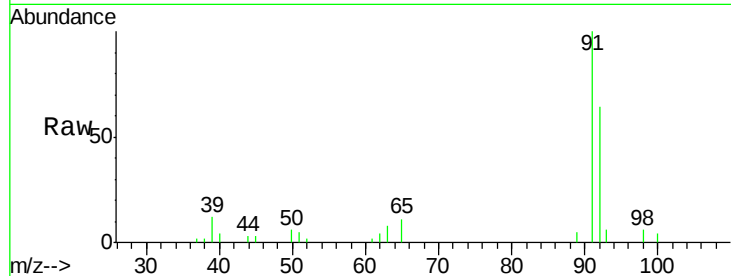
Instrument :
MSVOA_D
ClientSampleId :
72-12000

Tot Ion: 92 Resp: 26529

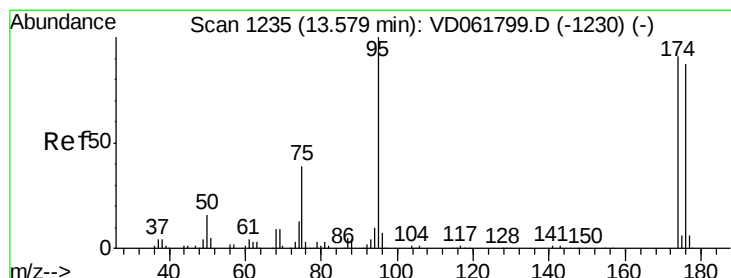
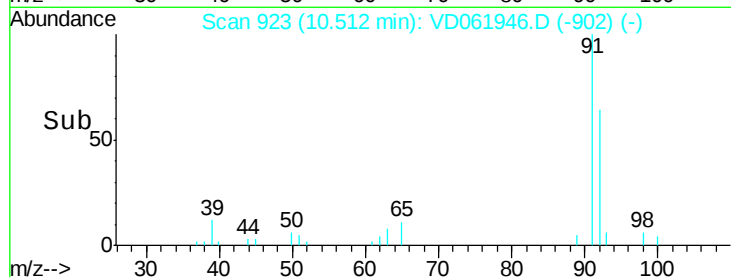
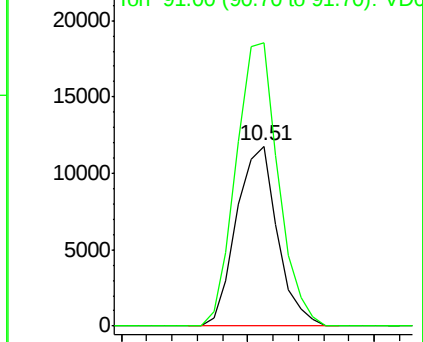
Ion Ratio Lower Upper

92 100

91 157.0 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061946.D

Acq: 22 Apr 2019 18:43

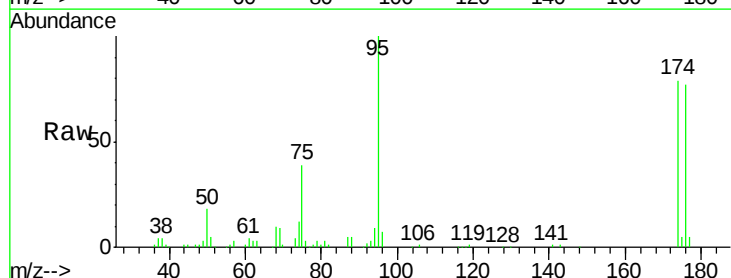
Tgt Ion: 95 Resp: 204088

Ion Ratio Lower Upper

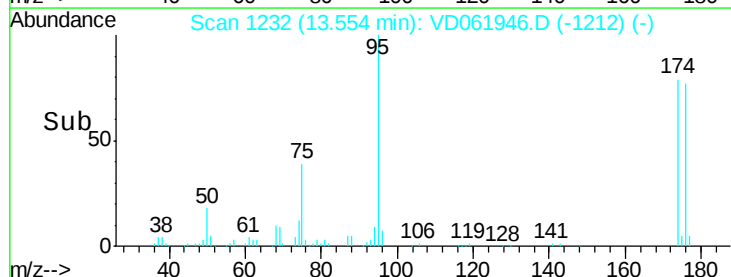
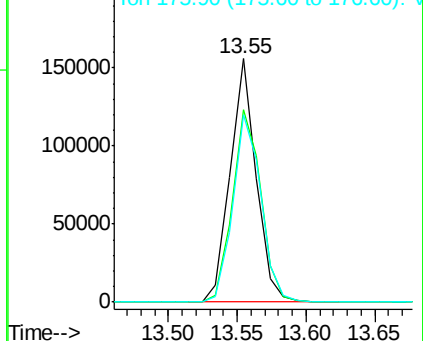
95 100

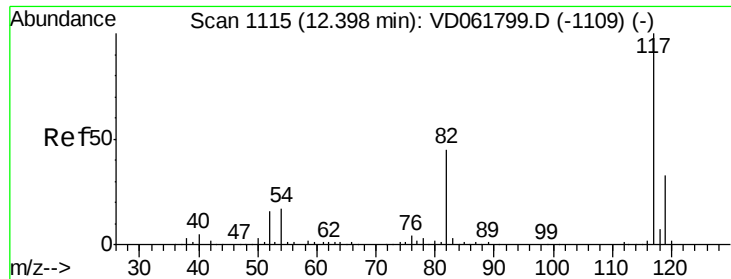
174 79.0 0.0 181.8

176 76.7 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

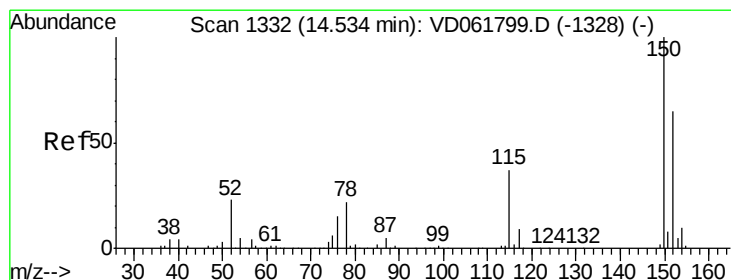
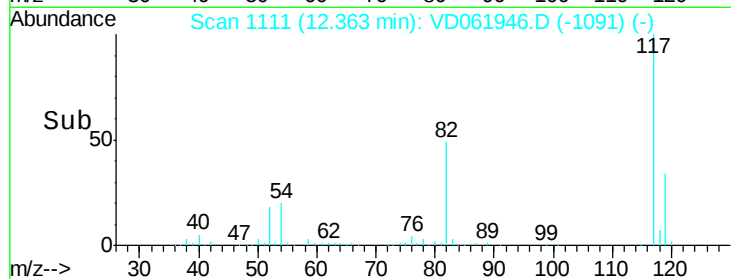
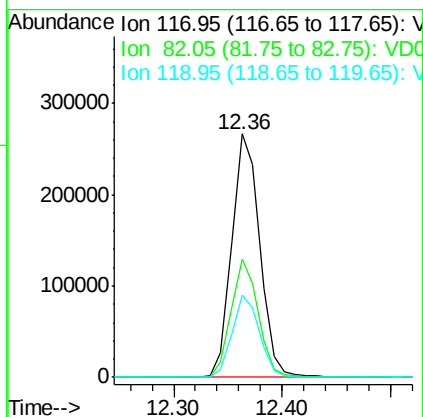
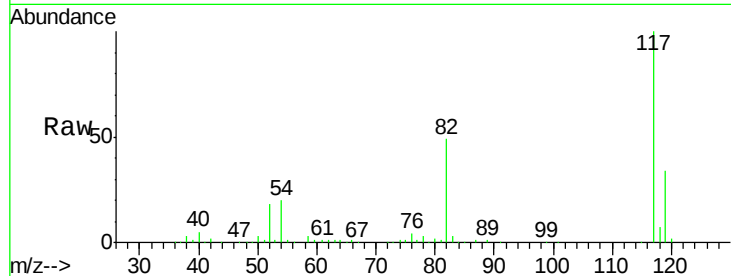




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: VD061946.D
 Acq: 22 Apr 2019 18:43

Instrument :
 MSVOA_D
 ClientSampleId :
 72-12000

Tot Ion:117 Resp: 479221
 Ion Ratio Lower Upper
 117 100
 82 48.6 36.2 54.2
 119 33.9 26.2 39.4



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD061946.D
 Acq: 22 Apr 2019 18:43

Tgt Ion:152 Resp: 209560
 Ion Ratio Lower Upper
 152 100
 115 56.4 30.9 92.7
 150 159.5 0.0 314.8

