

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD061544.D
 Acq On : 3 Apr 2019 7:47
 Operator : VA/AP
 Sample : K1695-08
 Misc : 5.63g/5ml/MSVOA D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DPC-91723-SO-TP5-B

Quant Time: Apr 03 09:27:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

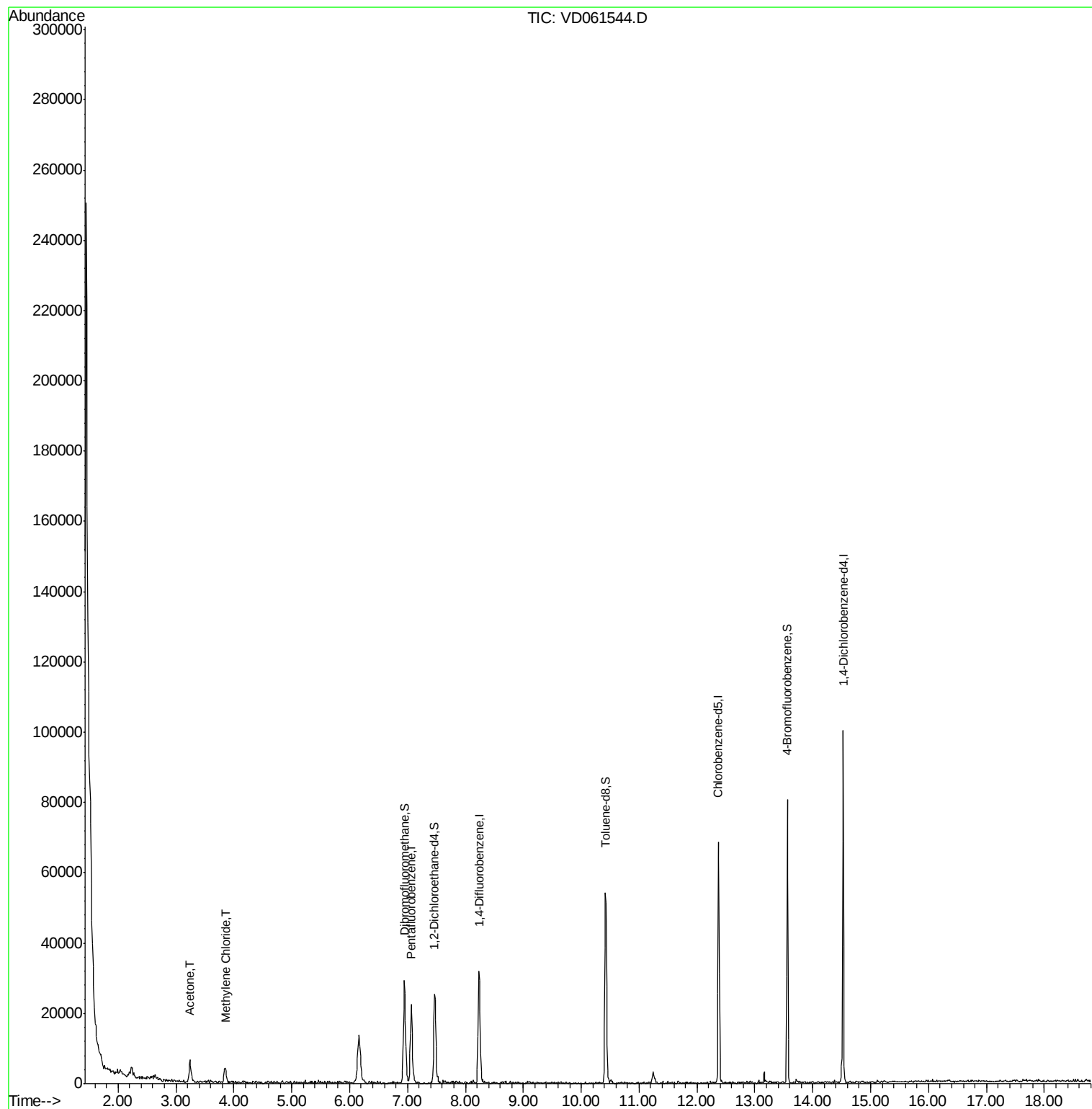
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	24135	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.23	114	47482	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	47149	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	23799	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	26709	129.55	ug/l	0.04
Spiked Amount 50.000			Recovery	=	259.10%	
35) Dibromofluoromethane	6.94	113	28002	77.17	ug/l	0.04
Spiked Amount 50.000			Recovery	=	154.34%	
50) Toluene-d8	10.42	98	51864	59.59	ug/l	0.03
Spiked Amount 50.000			Recovery	=	119.18%	
62) 4-Bromofluorobenzene	13.56	95	27119	81.26	ug/l	0.01
Spiked Amount 50.000			Recovery	=	162.52%	
Target Compounds						
16) Acetone	3.24	43	12692	239.474	ug/l #	86
20) Methylene Chloride	3.85	84	3340	9.702	ug/l	89

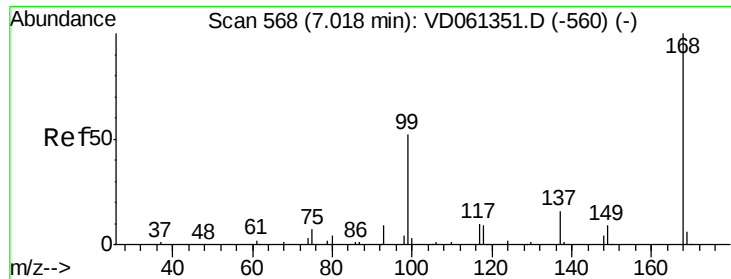
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.05 min

Lab File: VD061544.D

Acq: 3 Apr 2019 7:47

Instrument :

MSVOA_D

ClientSampleId :

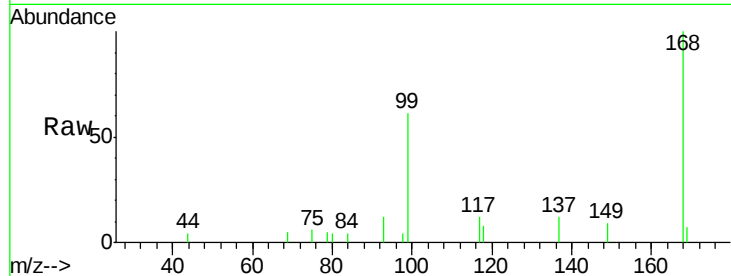
DPC-91723-SO-TP5-B

Tot Ion:168 Resp: 24135

Ion Ratio Lower Upper

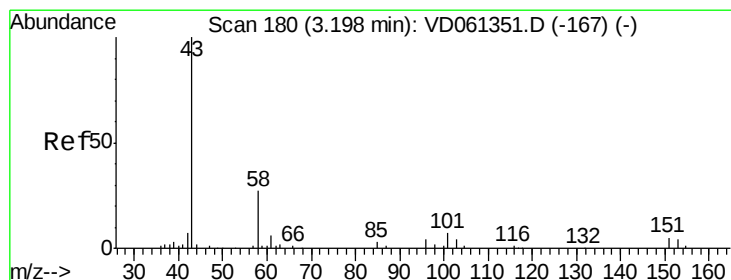
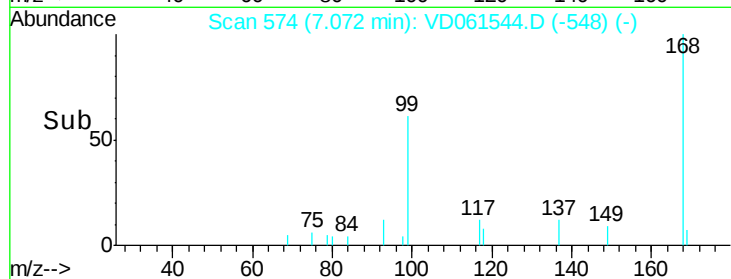
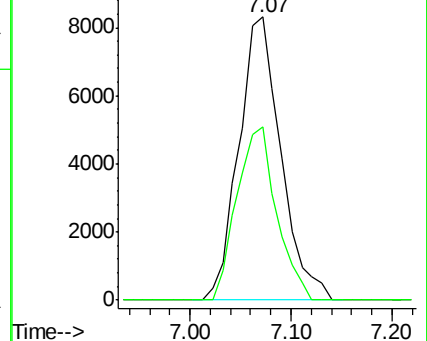
168 100

99 61.2 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 239.474 ug/l

RT: 3.24 min Scan# 185

Delta R.T. 0.04 min

Lab File: VD061544.D

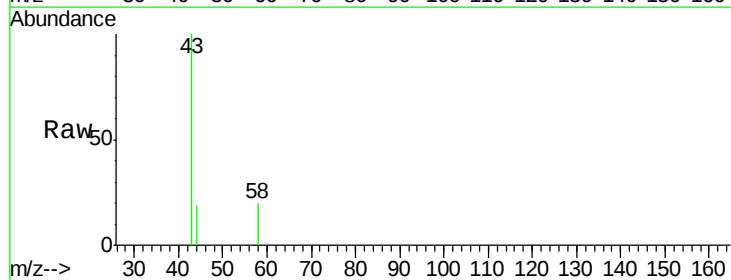
Acq: 3 Apr 2019 7:47

Tgt Ion: 43 Resp: 12692

Ion Ratio Lower Upper

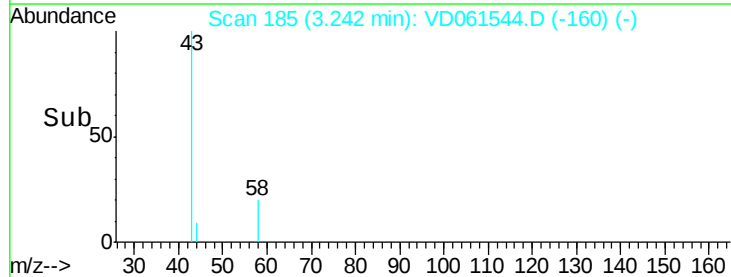
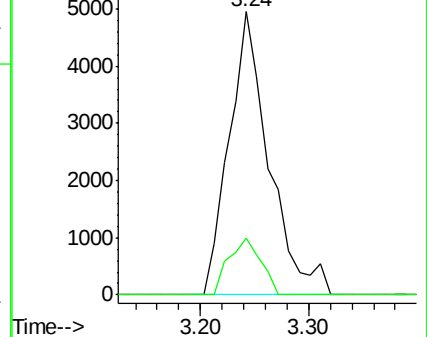
43 100

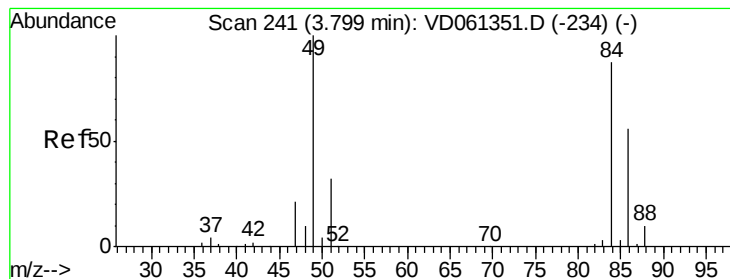
58 19.9 21.5 32.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 9.702 ug/l

RT: 3.85 min Scan# 247

Delta R.T. 0.05 min

Lab File: VD061544.D

Acq: 3 Apr 2019 7:47

Instrument :

MSVOA_D

ClientSampleId :

DPC-91723-SO-TP5-B

Tot Ion: 84 Resp: 3340

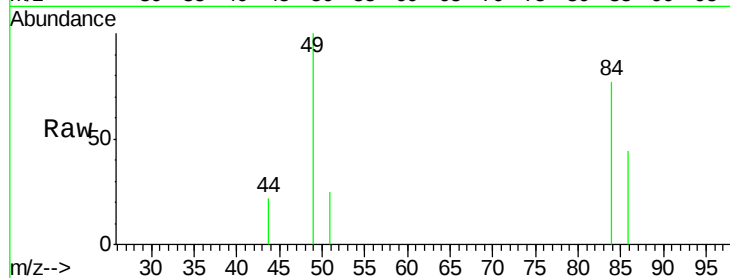
Ion Ratio Lower Upper

84 100

49 129.7 91.8 137.8

51 32.9 29.8 44.8

86 57.2 51.8 77.6

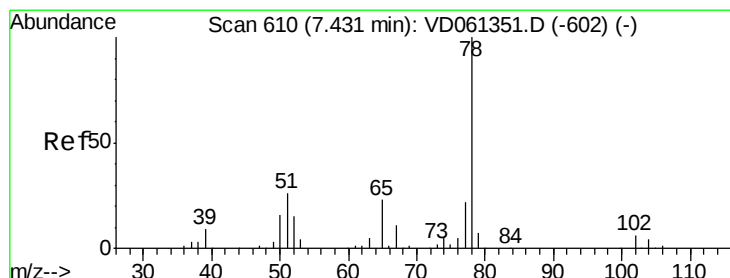
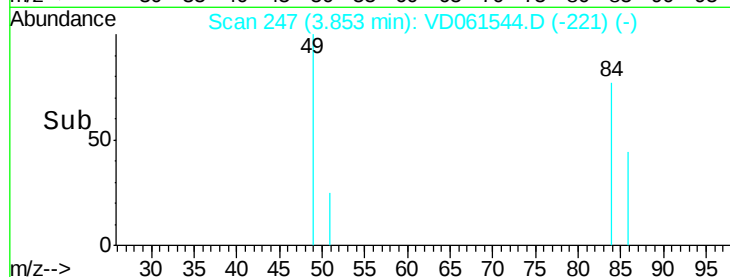
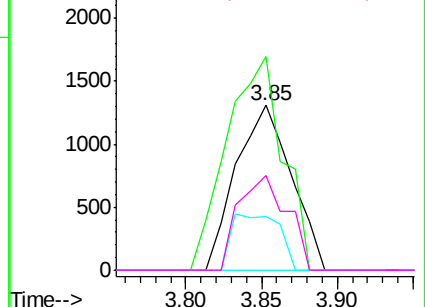


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: N.D. ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.04 min

Lab File: VD061544.D

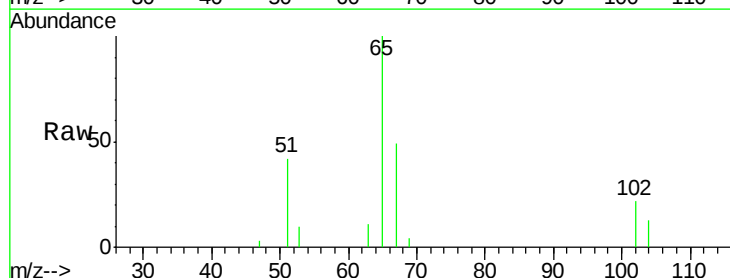
Acq: 3 Apr 2019 7:47

Tgt Ion: 65 Resp: 26709

Ion Ratio Lower Upper

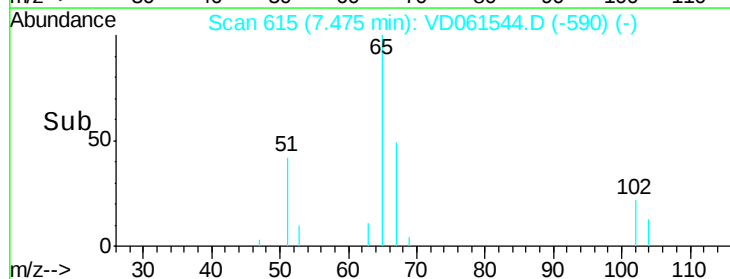
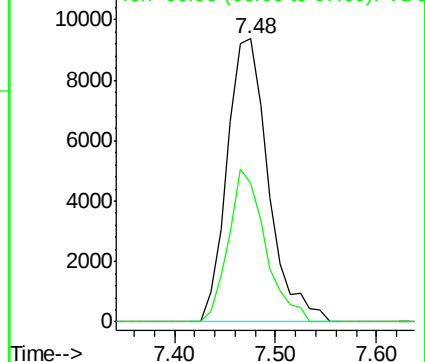
65 100

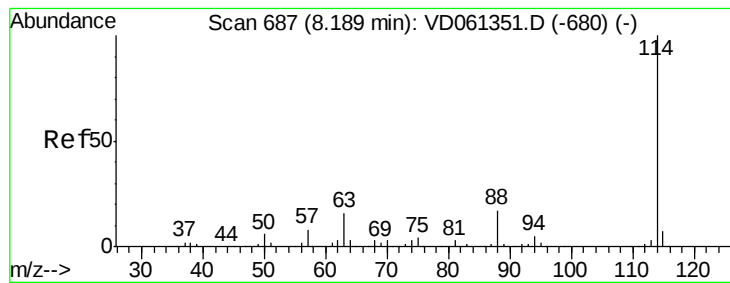
67 48.9 0.0 99.8



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: 8.23 min Scan# 692

Delta R.T. 0.04 min

Lab File: VD061544.D

Acq: 3 Apr 2019 7:47

Instrument :

MSVOA_D

ClientSampleId :

DPC-91723-SO-TP5-B

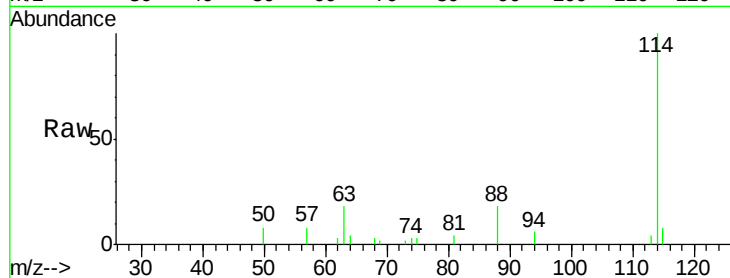
Tot Ion:114 Resp: 47482

Ion Ratio Lower Upper

114 100

63 18.0 0.0 31.6

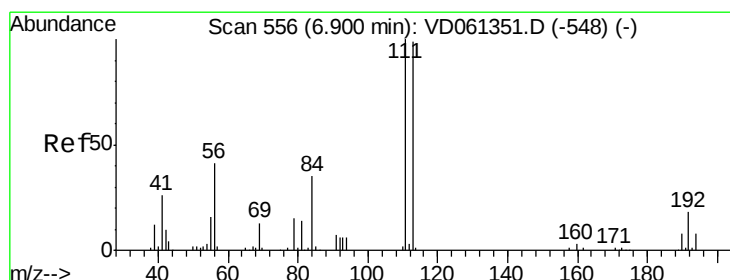
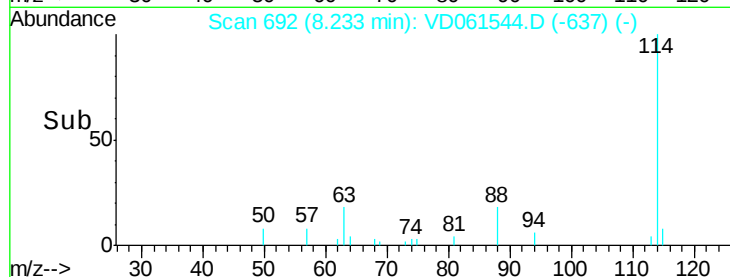
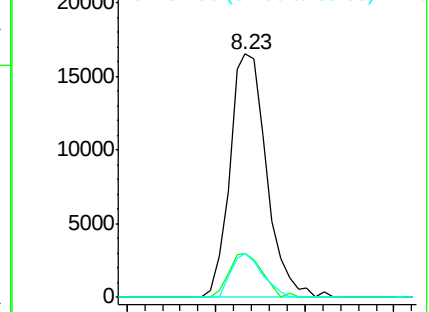
88 18.3 0.0 33.4



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: 50.000 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.04 min

Lab File: VD061544.D

Acq: 3 Apr 2019 7:47

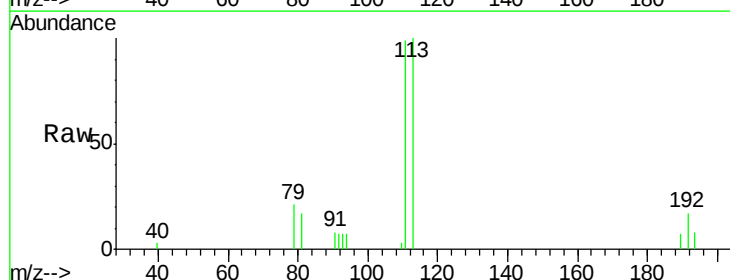
Tgt Ion:113 Resp: 28002

Ion Ratio Lower Upper

113 100

111 99.1 81.0 121.6

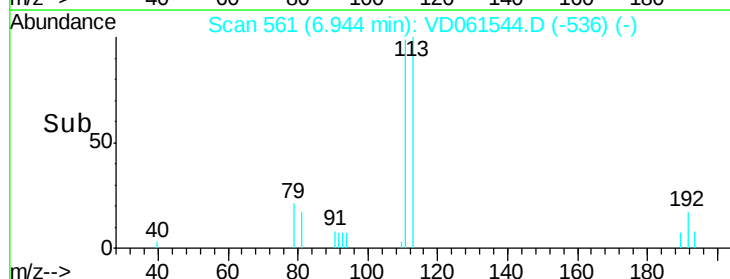
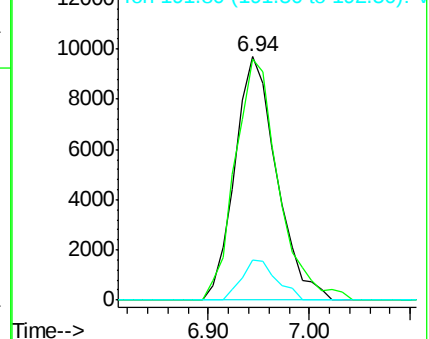
192 16.7 14.4 21.6

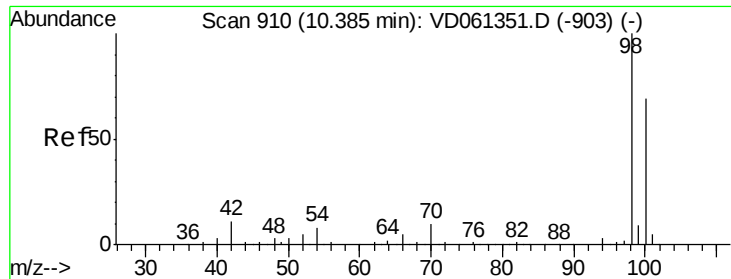


Abundance Ion 112.90 (112.60 to 113.60): V

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: 10.42 min Scan# 914

Delta R.T. 0.03 min

Lab File: VD061544.D

Acq: 3 Apr 2019 7:47

Instrument :

MSVOA_D

ClientSampleId :

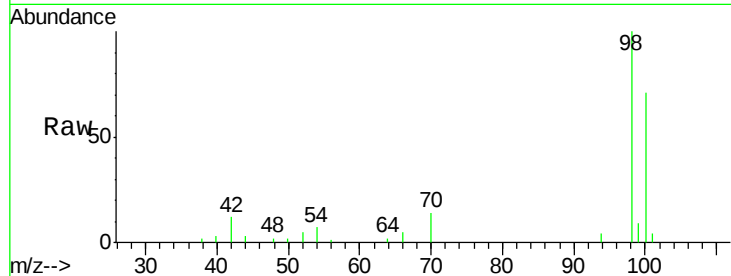
DPC-91723-SO-TP5-B

Tot Ion: 98 Resp: 51864

Ion Ratio Lower Upper

98 100

100 71.4 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)

Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

10.42

25000

20000

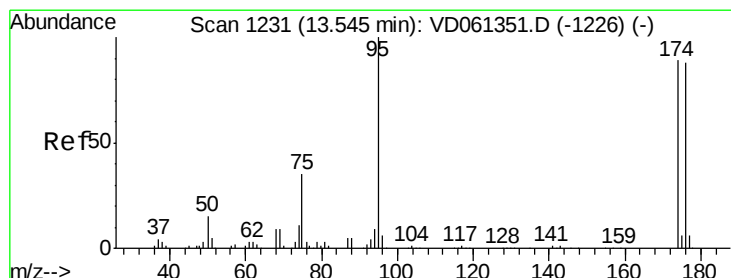
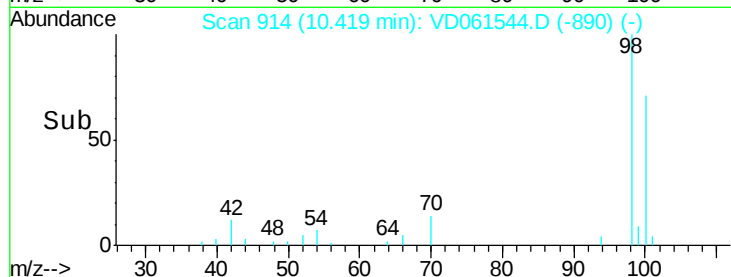
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061544.D

Acq: 3 Apr 2019 7:47

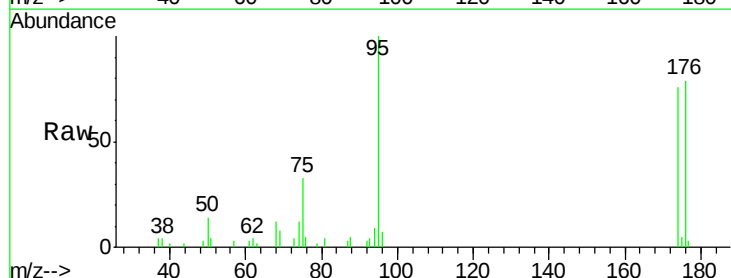
Tgt Ion: 95 Resp: 27119

Ion Ratio Lower Upper

95 100

174 76.0 0.0 178.0

176 79.2 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)

Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)

Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

13.56

25000

20000

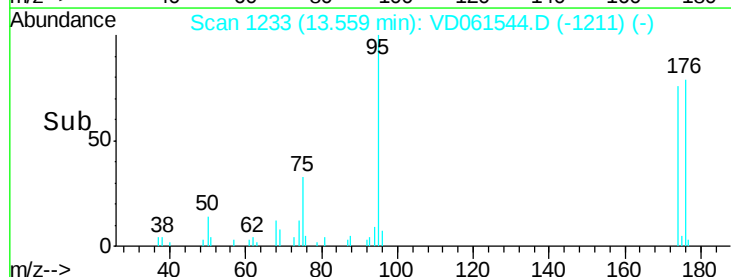
15000

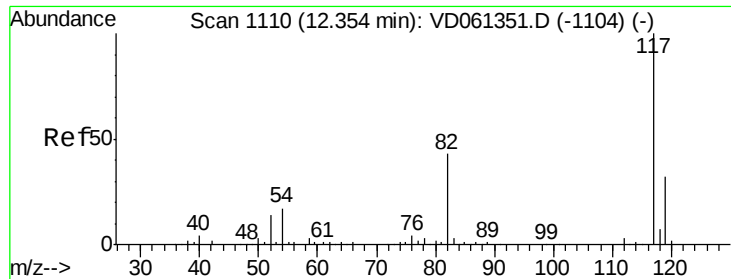
10000

5000

0

Time-->

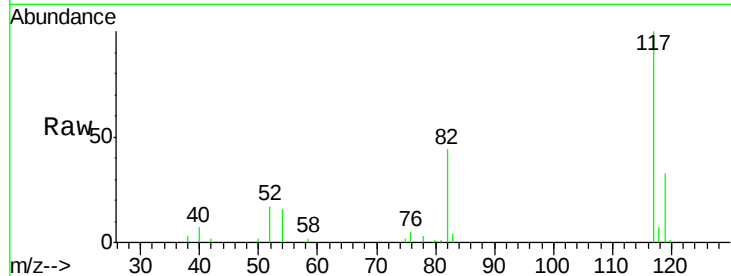




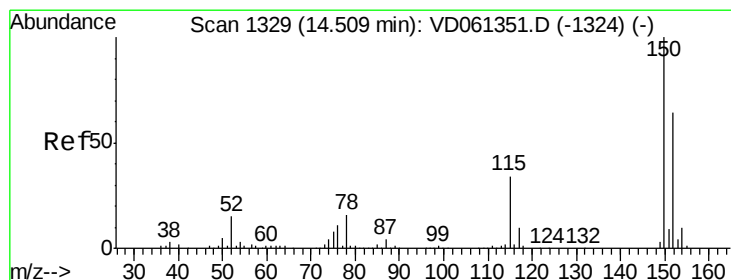
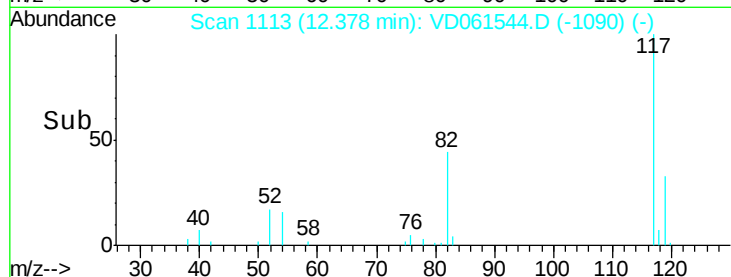
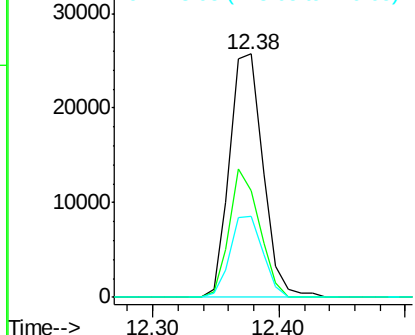
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061544.D
Acq: 3 Apr 2019 7:47

Instrument :
MSVOA_D
ClientSampleId :
DPC-91723-SO-TP5-B

Tot Ion:117 Resp: 47149
Ion Ratio Lower Upper
117 100
82 44.0 34.4 51.6
119 33.3 25.8 38.6

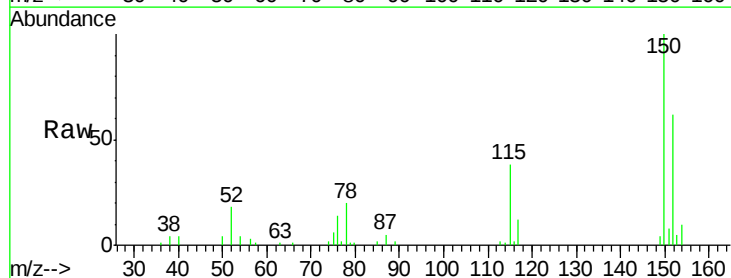


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061544.D
Acq: 3 Apr 2019 7:47

Tgt Ion:152 Resp: 23799
Ion Ratio Lower Upper
152 100
115 61.3 26.9 80.6
150 160.7 0.0 318.0



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

