

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
 Data File : VD061840.D
 Acq On : 17 Apr 2019 7:27
 Operator : VA/AP
 Sample : K2423-11
 Misc : 4.08g/5ml/MSVOA D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-B

Quant Time: Apr 17 08:10:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

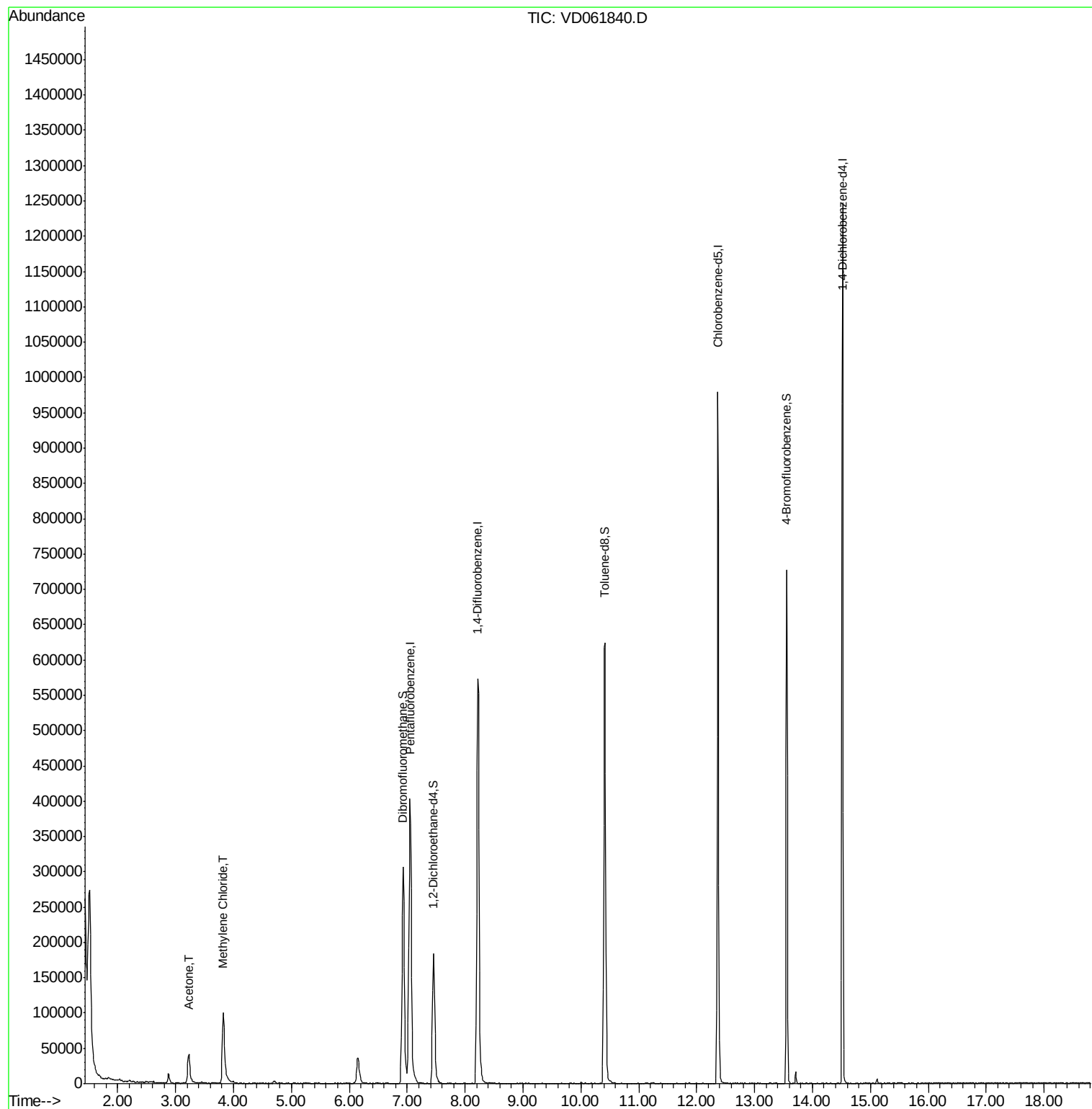
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	419145	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.22	114	726524	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.36	117	605716	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.52	152	295078	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	197717	56.28	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	112.56%	
35) Dibromofluoromethane	6.93	113	275371	50.17	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	100.34%	
50) Toluene-d8	10.41	98	576757	44.35	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	88.70%	
62) 4-Bromofluorobenzene	13.55	95	237262	45.01	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	90.02%	
Target Compounds						
16) Acetone	3.23	43	92088	106.364	ug/l	95
20) Methylene Chloride	3.82	84	82312	16.008	ug/l	96

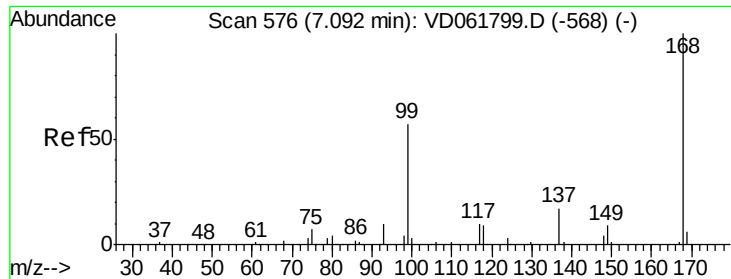
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 16 08:53:01 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.04 min

Lab File: VD061840.D

Acq: 17 Apr 2019 7:27

Instrument :

MSVOA_D

ClientSampleId :

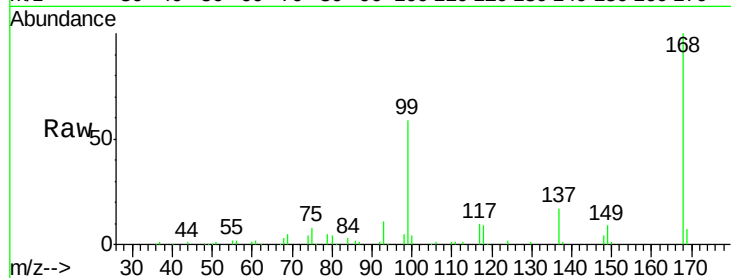
TP3-B

Tot Ion:168 Resp: 419145

Ion Ratio Lower Upper

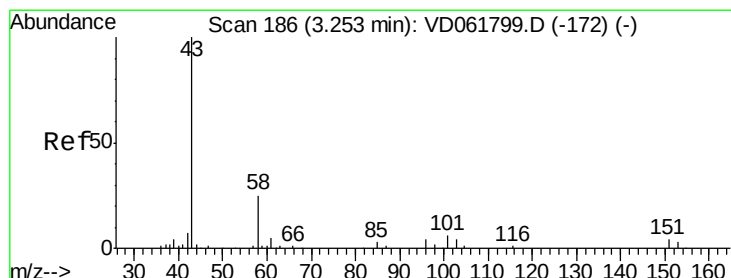
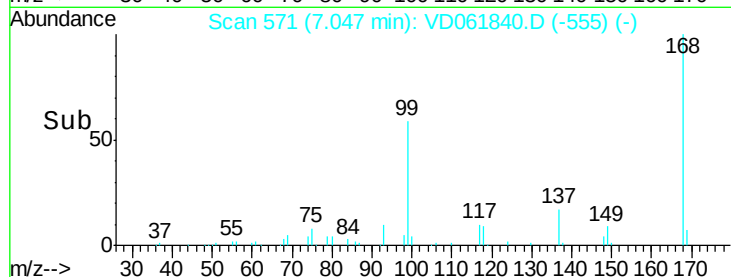
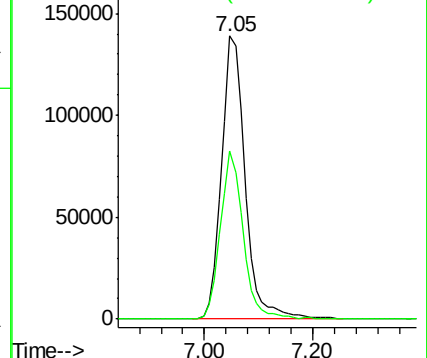
168 100

99 59.2 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: 106.364 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.02 min

Lab File: VD061840.D

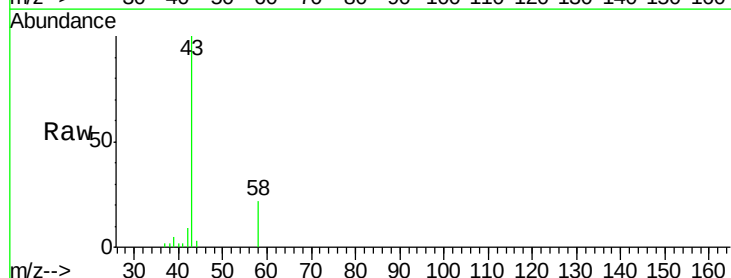
Acq: 17 Apr 2019 7:27

Tgt Ion: 43 Resp: 92088

Ion Ratio Lower Upper

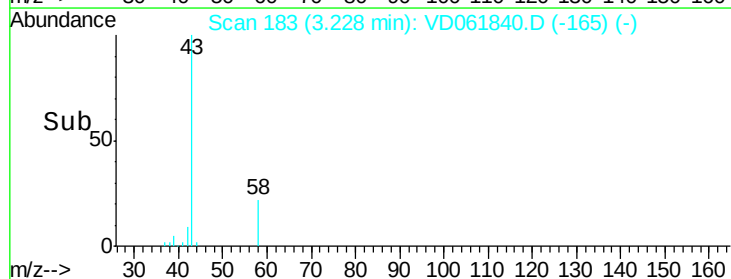
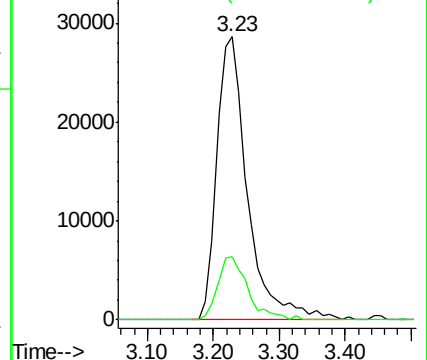
43 100

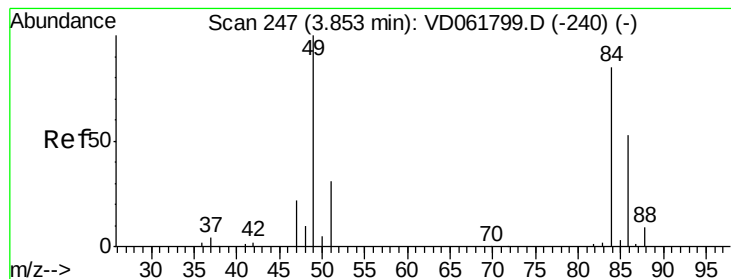
58 22.5 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 16.008 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.03 min

Lab File: VD061840.D

Acq: 17 Apr 2019 7:27

Instrument :

MSVOA_D

ClientSampleId :

TP3-B

Tot Ion: 84 Resp: 82312

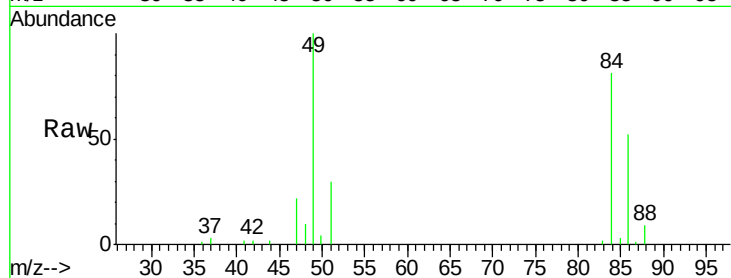
Ion Ratio Lower Upper

84 100

49 123.2 94.0 141.0

51 36.8 29.0 43.4

86 63.8 49.8 74.6

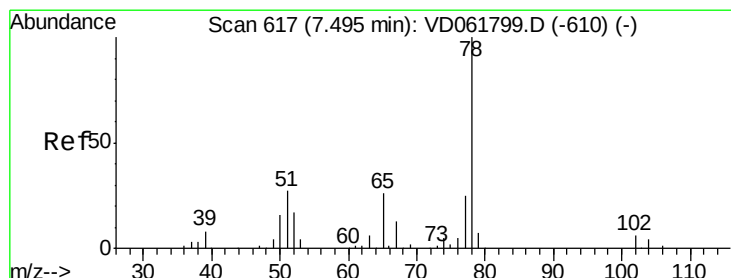
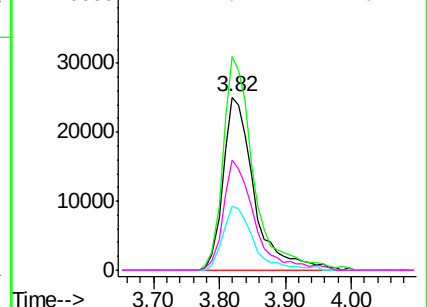
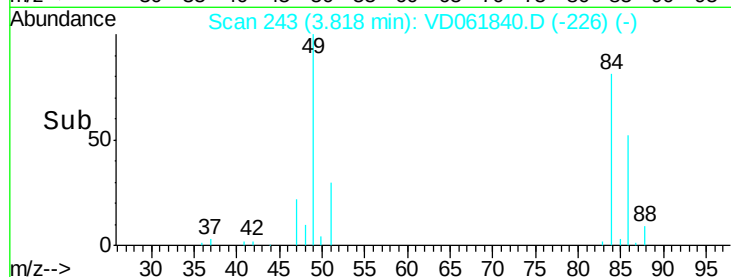


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.03 min

Lab File: VD061840.D

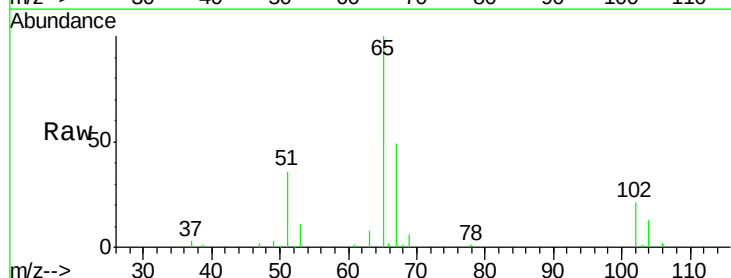
Acq: 17 Apr 2019 7:27

Tgt Ion: 65 Resp: 197717

Ion Ratio Lower Upper

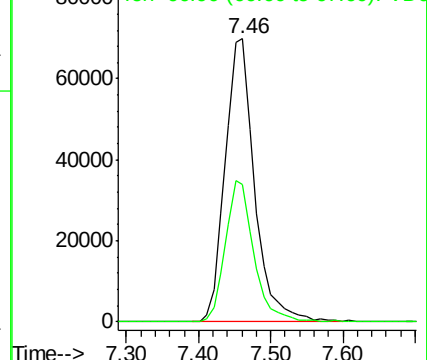
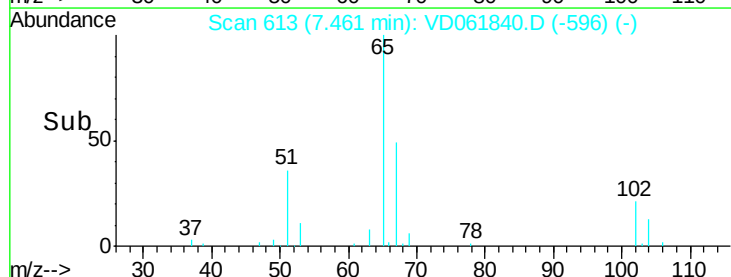
65 100

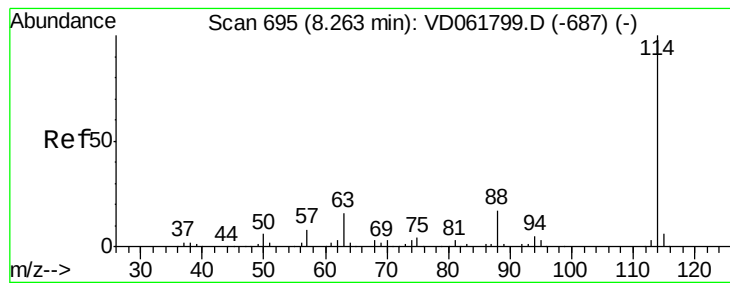
67 48.6 0.0 98.0



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. -0.04 min

Lab File: VD061840.D

Acq: 17 Apr 2019 7:27

Instrument :

MSVOA_D

ClientSampleId :

TP3-B

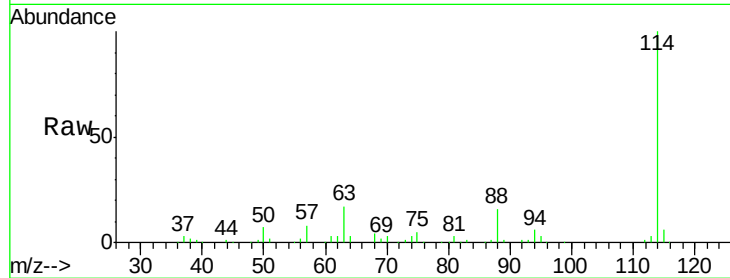
Tot Ion:114 Resp: 726524

Ion Ratio Lower Upper

114 100

63 16.7 0.0 32.4

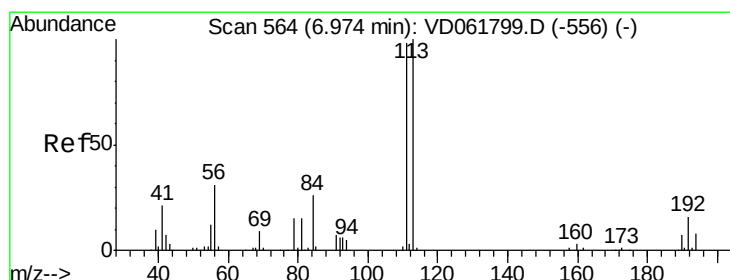
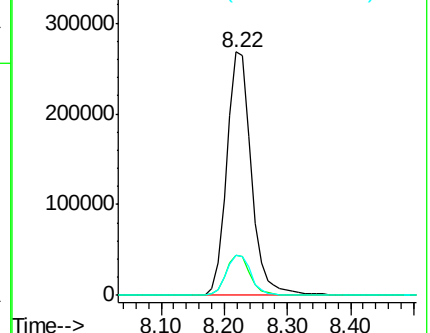
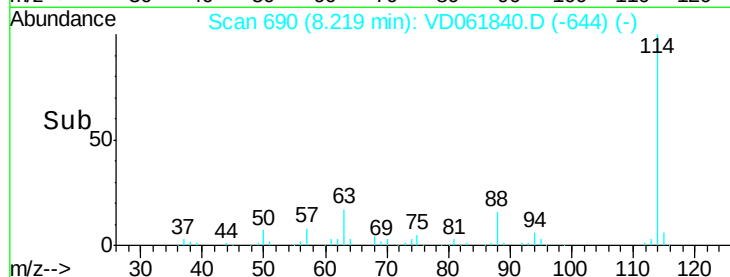
88 16.2 0.0 33.6



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: 50.000 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.04 min

Lab File: VD061840.D

Acq: 17 Apr 2019 7:27

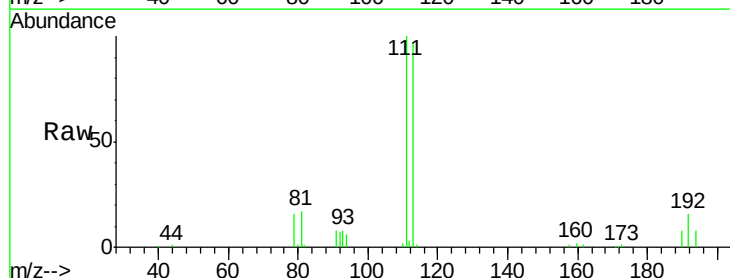
Tgt Ion:113 Resp: 275371

Ion Ratio Lower Upper

113 100

111 103.3 78.5 117.7

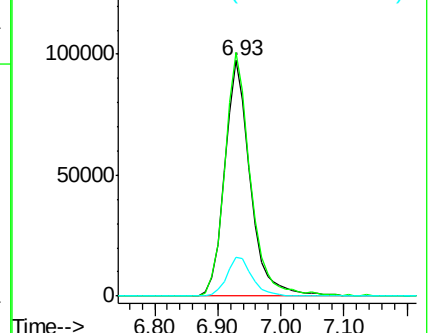
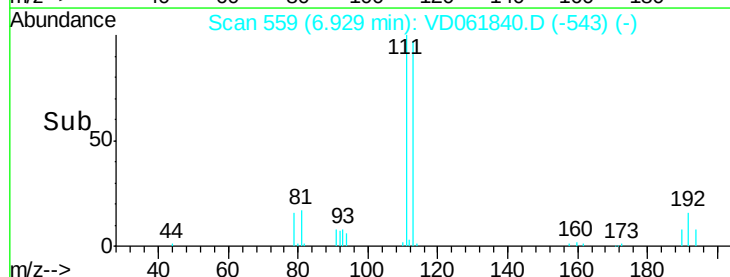
192 16.5 13.0 19.4

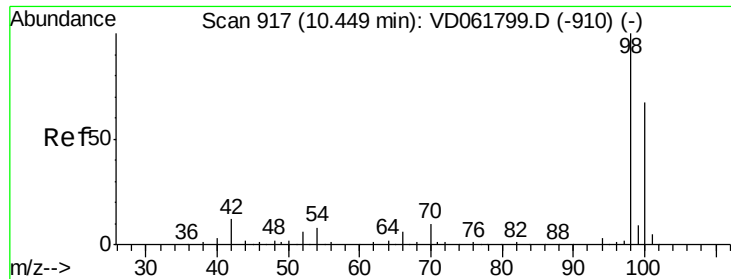


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

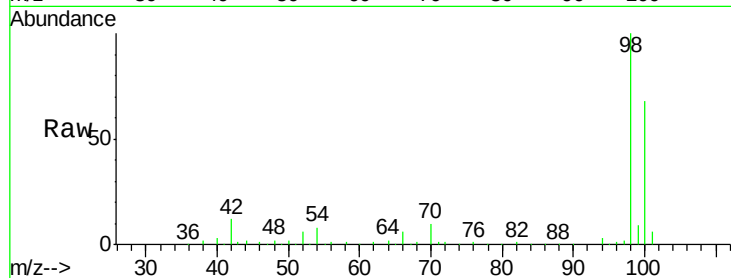




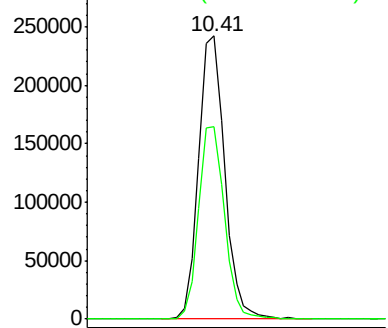
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.03 min
Lab File: VD061840.D
Acq: 17 Apr 2019 7:27

Instrument :
MSVOA_D
ClientSampled :
TP3-B

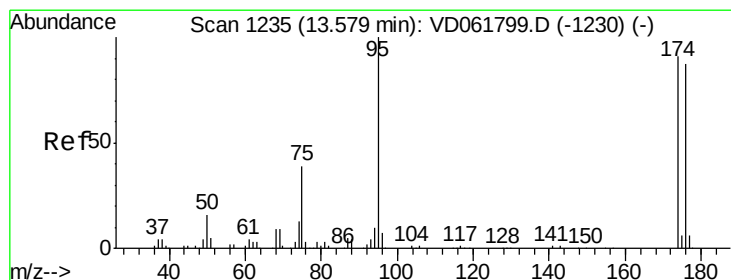
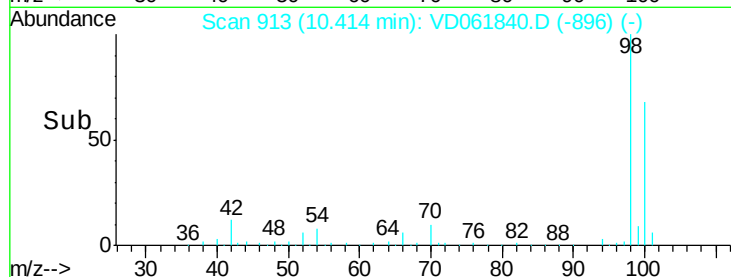
Tot Ion: 98 Resp: 576757
Ion Ratio Lower Upper
98 100
100 68.0 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD061799.D (-910) (-)
Ion 100.05 (99.75 to 100.75): VD061840.D (-896) (-)

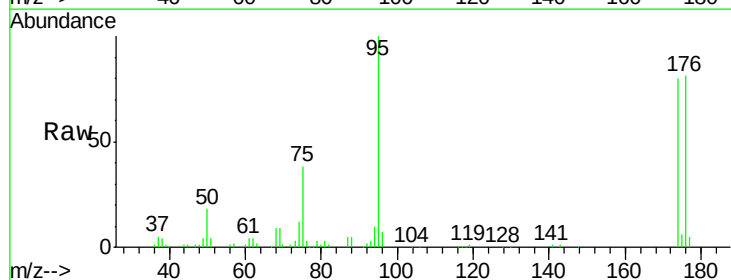


Time-->

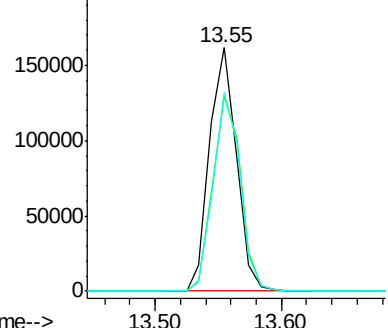


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.02 min
Lab File: VD061840.D
Acq: 17 Apr 2019 7:27

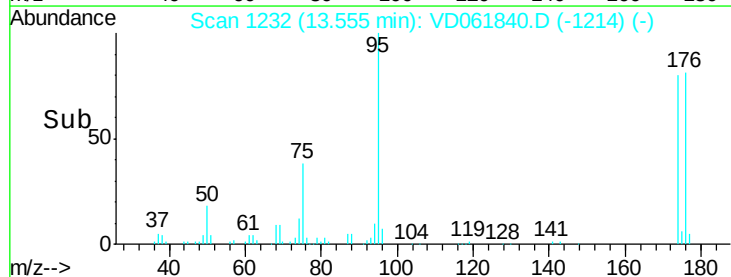
Tgt Ion: 95 Resp: 237262
Ion Ratio Lower Upper
95 100
174 80.2 0.0 181.8
176 81.5 0.0 174.4

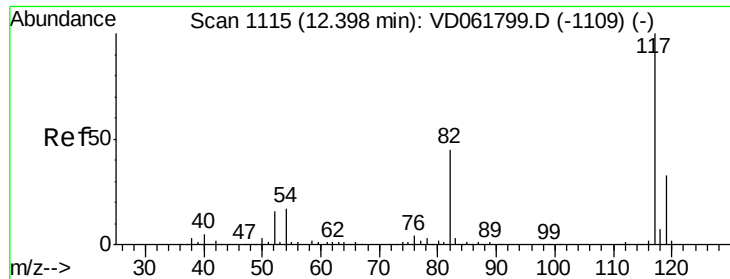


Abundance Ion 95.00 (94.70 to 95.70): VD061799.D (-1230) (-)
Ion 173.90 (173.60 to 174.60): VD061840.D (-1214) (-)
Ion 175.90 (175.60 to 176.60): VD061840.D (-1214) (-)



Time-->

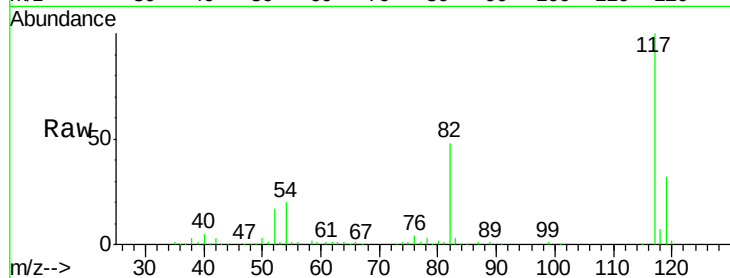




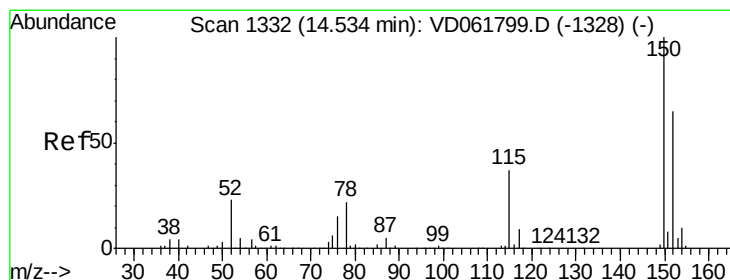
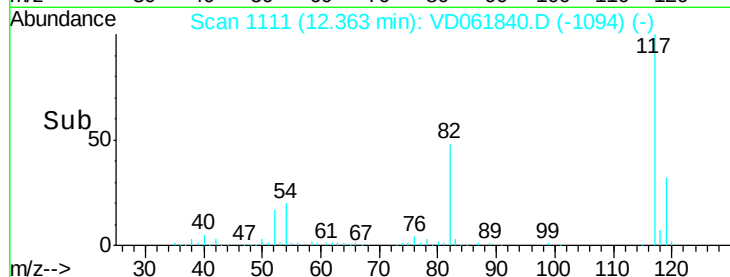
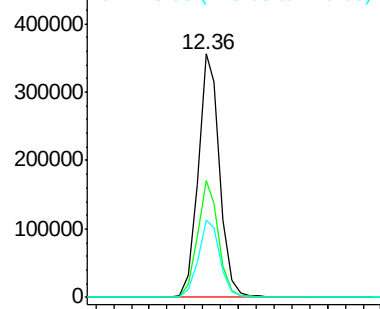
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.03 min
Lab File: VD061840.D
Acq: 17 Apr 2019 7:27

Instrument :
MSVOA_D
ClientSampleId :
TP3-B

Tot Ion:117 Resp: 605716
Ion Ratio Lower Upper
117 100
82 48.1 36.2 54.2
119 31.9 26.2 39.4

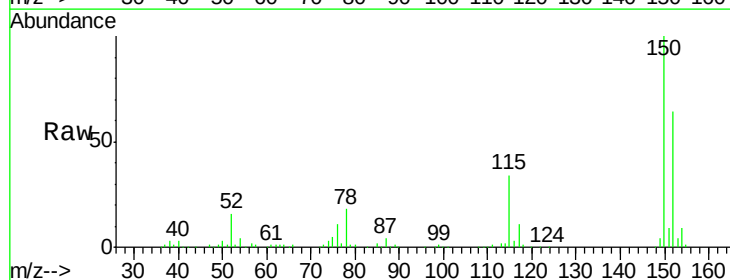


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD061840.D
Acq: 17 Apr 2019 7:27

Tgt Ion:152 Resp: 295078
Ion Ratio Lower Upper
152 100
115 53.1 30.9 92.7
150 155.5 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

