

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
 Data File : VD061843.D
 Acq On : 17 Apr 2019 8:50
 Operator : VA/AP
 Sample : K2423-17
 Misc : 4.60µl/5ml/MSVOA D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP5-A

Quant Time: Apr 17 12:40:13 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

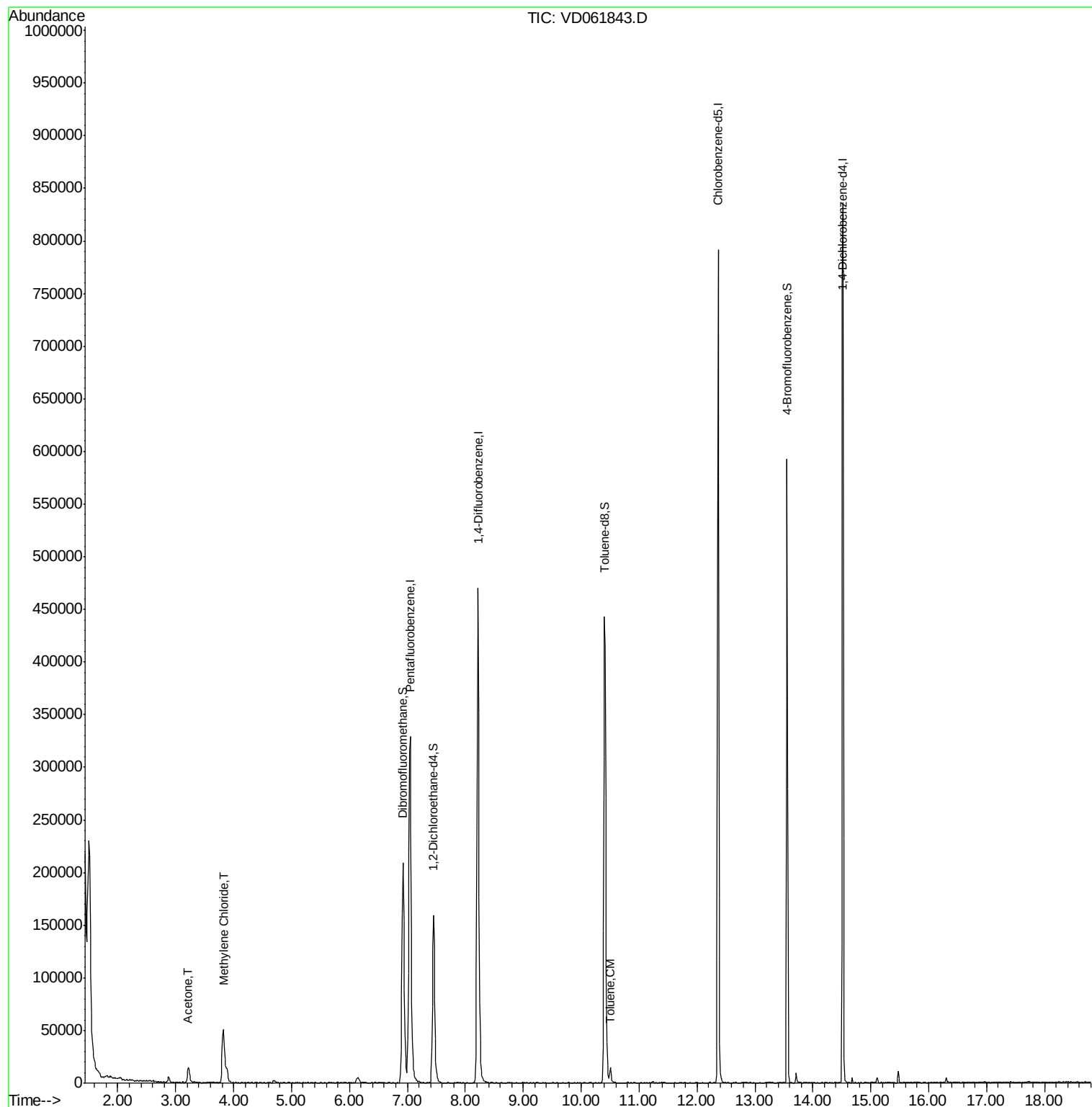
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	332970	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.22	114	550599	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.36	117	482100	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	14.52	152	210616	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	160572	57.54	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	115.08%	
35) Dibromofluoromethane	6.92	113	205988	49.52	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	99.04%	
50) Toluene-d8	10.40	98	412017	41.80	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	83.60%	
62) 4-Bromofluorobenzene	13.55	95	177703	44.48	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	88.96%	
Target Compounds						
16) Acetone	3.22	43	29059	42.250	ug/l	97
20) Methylene Chloride	3.83	84	42670	8.692	ug/l	92
52) Toluene	10.50	92	7226	1.044	ug/l	89

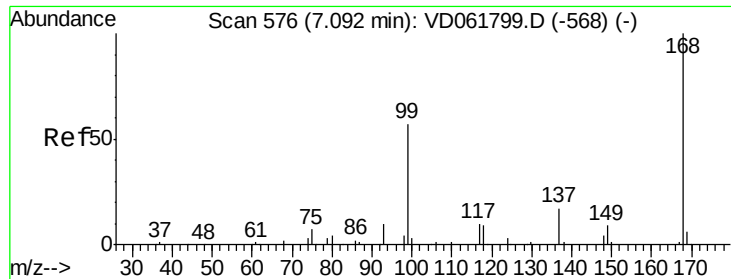
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD061843.D

Acq: 17 Apr 2019 8:50

Instrument :

MSVOA_D

ClientSampleId :

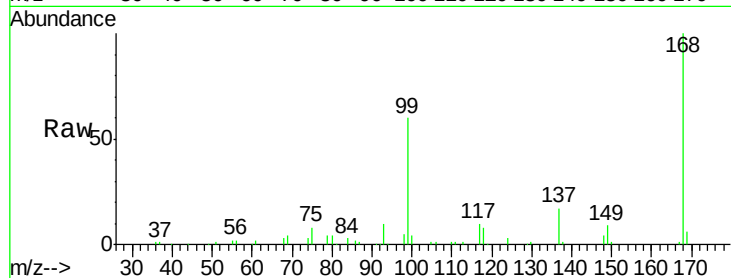
TP5-A

Tot Ion:168 Resp: 332970

Ion Ratio Lower Upper

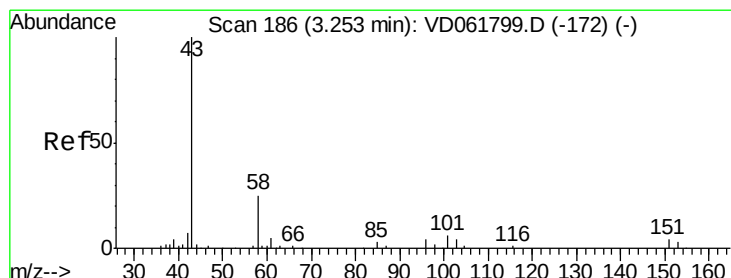
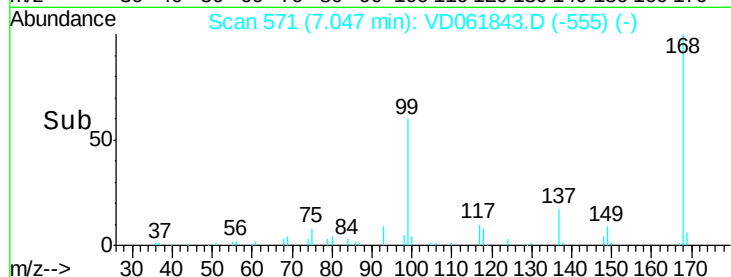
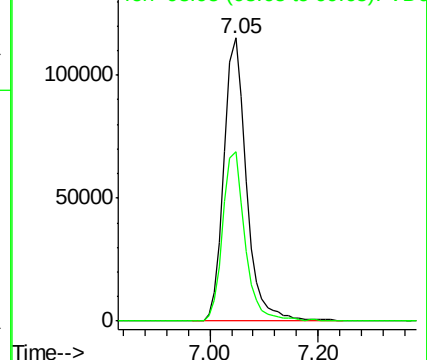
168 100

99 59.9 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: 42.250 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.04 min

Lab File: VD061843.D

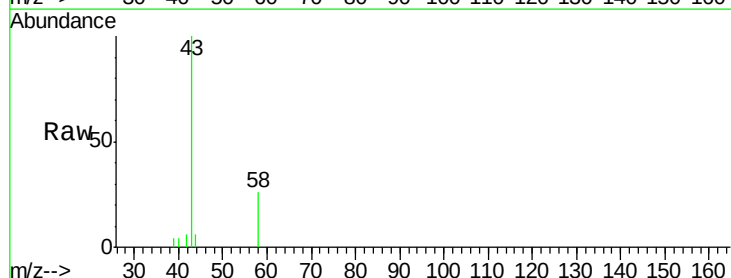
Acq: 17 Apr 2019 8:50

Tgt Ion: 43 Resp: 29059

Ion Ratio Lower Upper

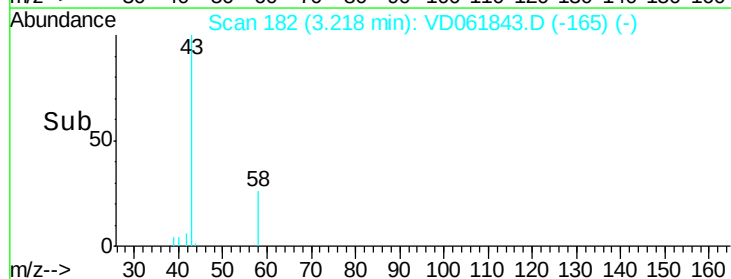
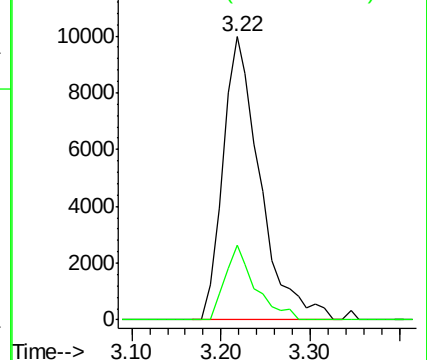
43 100

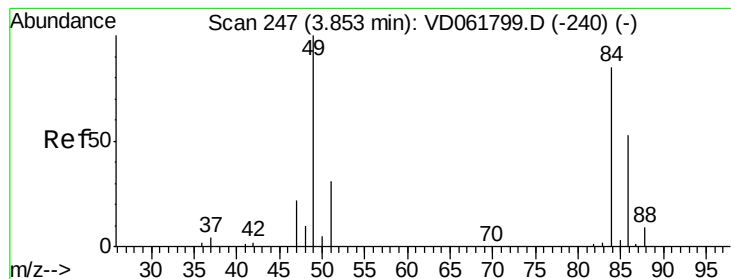
58 26.4 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 8.692 ug/l

RT: 3.83 min Scan# 244

Delta R.T. -0.03 min

Lab File: VD061843.D

Acq: 17 Apr 2019 8:50

Instrument :

MSVOA_D

ClientSampleId :

TP5-A

Tot Ion: 84 Resp: 42670

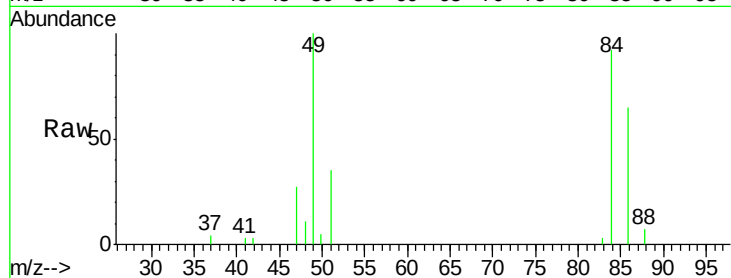
Ion Ratio Lower Upper

84 100

49 109.0 94.0 141.0

51 37.9 29.0 43.4

86 71.0 49.8 74.6

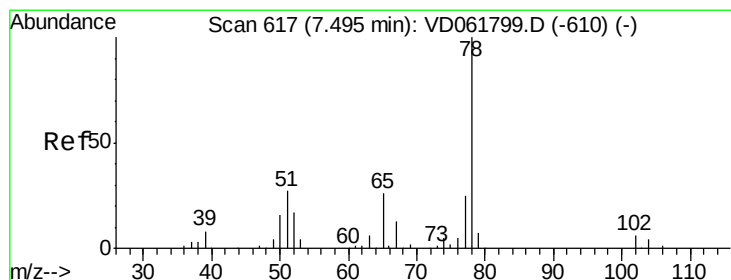
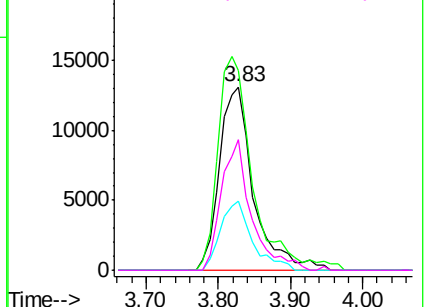
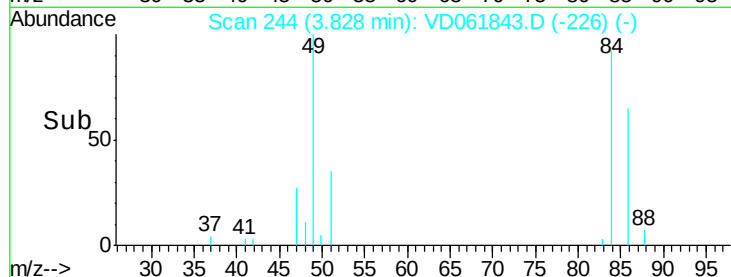


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 7.45 min Scan# 612

Delta R.T. -0.04 min

Lab File: VD061843.D

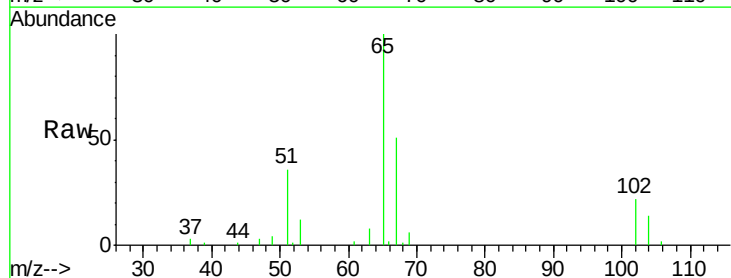
Acq: 17 Apr 2019 8:50

Tgt Ion: 65 Resp: 160572

Ion Ratio Lower Upper

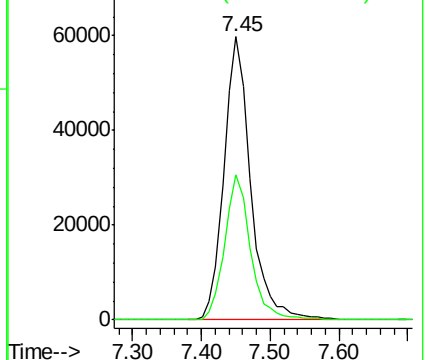
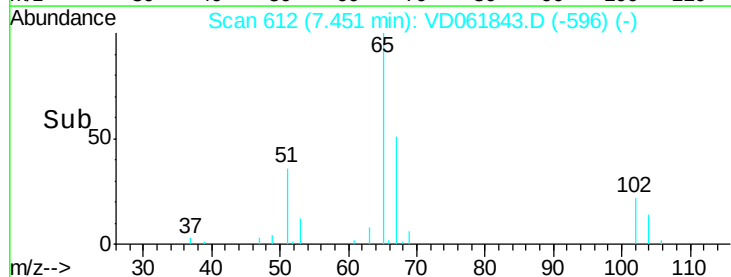
65 100

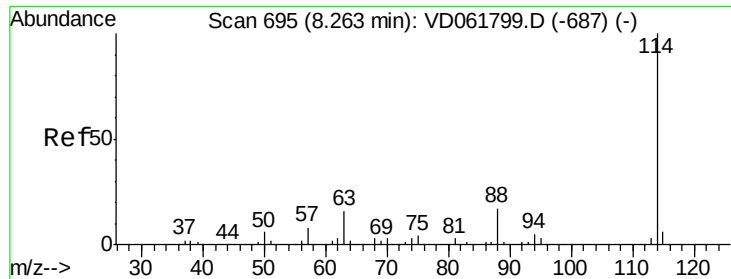
67 51.3 0.0 98.0



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: 8.22 min Scan# 690

Delta R.T. -0.04 min

Lab File: VD061843.D

Acq: 17 Apr 2019 8:50

Instrument :

MSVOA_D

ClientSampleId :

TP5-A

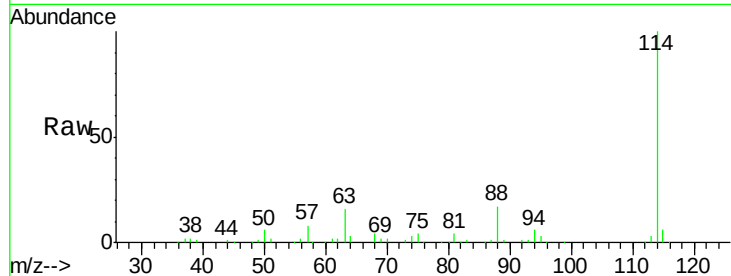
Tot Ion:114 Resp: 550599

Ion Ratio Lower Upper

114 100

63 16.3 0.0 32.4

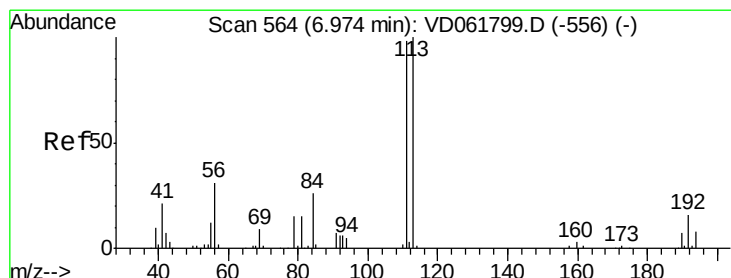
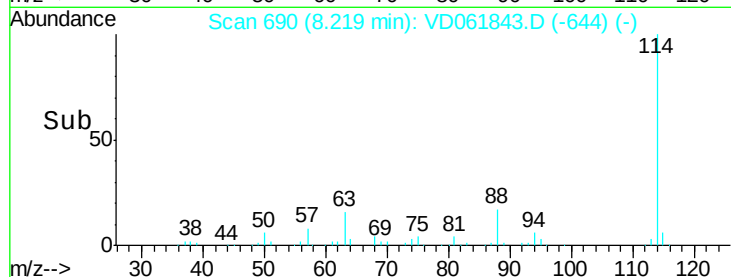
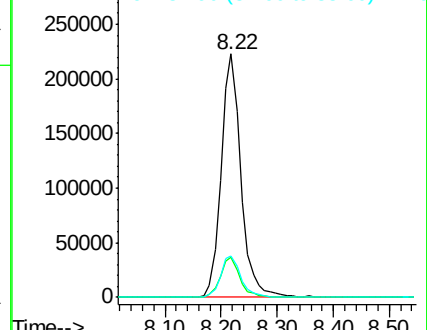
88 16.8 0.0 33.6



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: 6.92 min Scan# 558

Delta R.T. -0.05 min

Lab File: VD061843.D

Acq: 17 Apr 2019 8:50

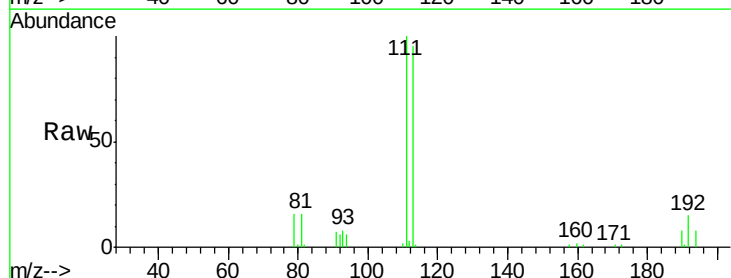
Tgt Ion:113 Resp: 205988

Ion Ratio Lower Upper

113 100

111 105.3 78.5 117.7

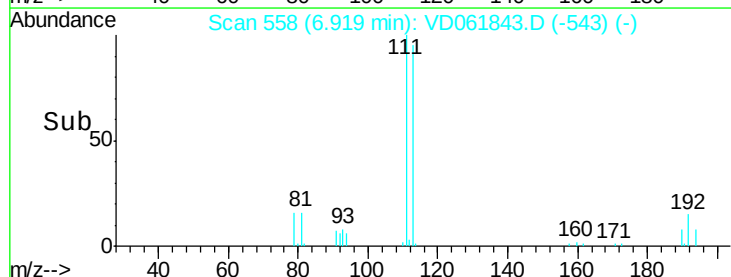
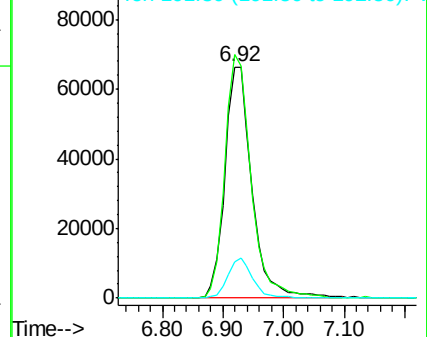
192 15.7 13.0 19.4

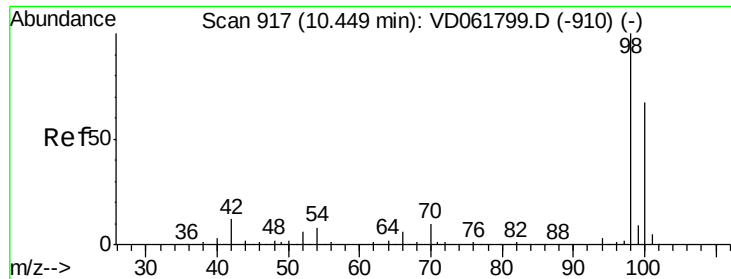


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

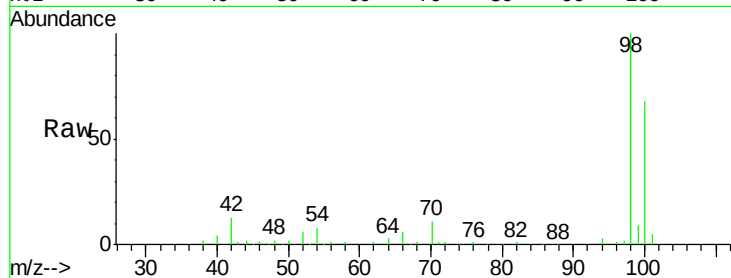




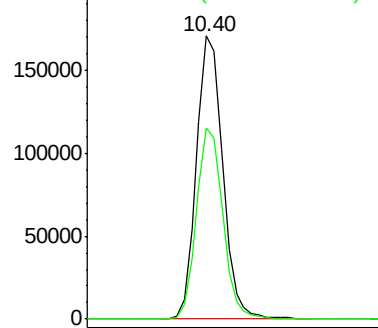
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.04 min
Lab File: VD061843.D
Acq: 17 Apr 2019 8:50

Instrument :
MSVOA_D
ClientSampleId :
TP5-A

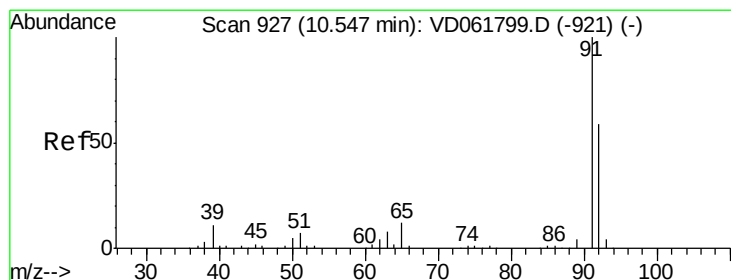
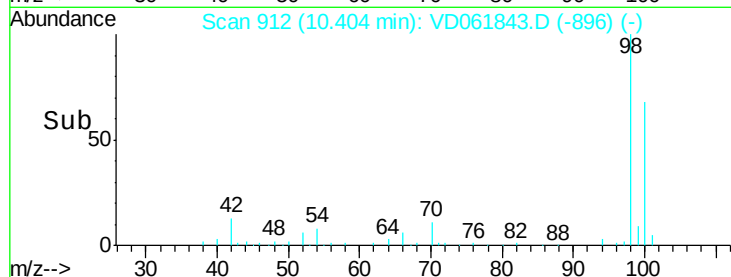
Tot Ion: 98 Resp: 412017
Ion Ratio Lower Upper
98 100
100 67.7 53.8 80.8



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

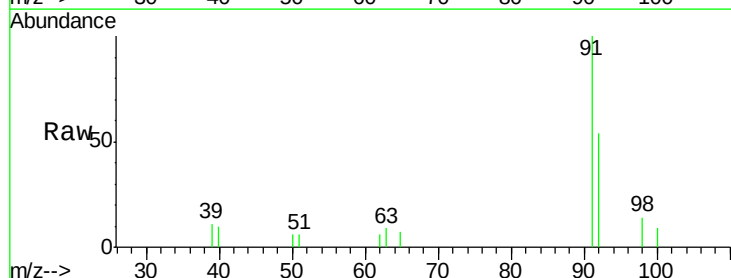


Time-->

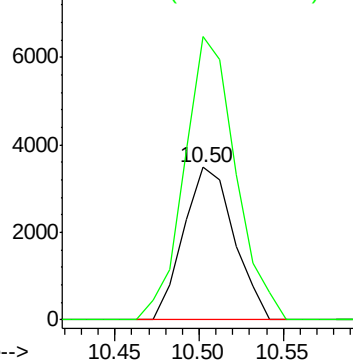


#52
Toluene
Concen: 1.044 ug/l
RT: 10.50 min Scan# 922
Delta R.T. -0.04 min
Lab File: VD061843.D
Acq: 17 Apr 2019 8:50

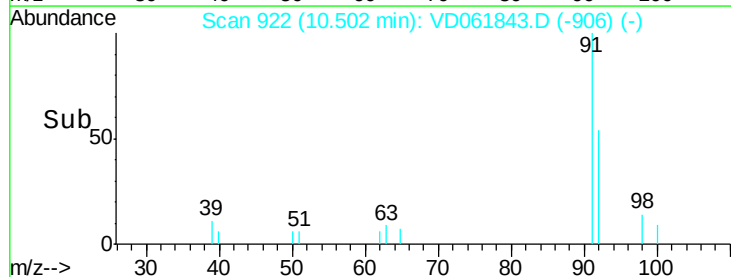
Tgt Ion: 92 Resp: 7226
Ion Ratio Lower Upper
92 100
91 185.3 136.6 204.8

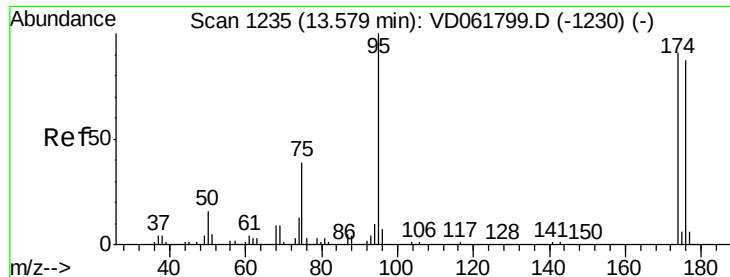


Abundance Ion 92.00 (91.70 to 92.70): VD061799.D (-921) (-)
Ion 91.00 (90.70 to 91.70): VD061799.D (-921) (-)



Time-->





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.03 min

Lab File: VD061843.D

Acq: 17 Apr 2019 8:50

Instrument :

MSVOA_D

ClientSampleId :

TP5-A

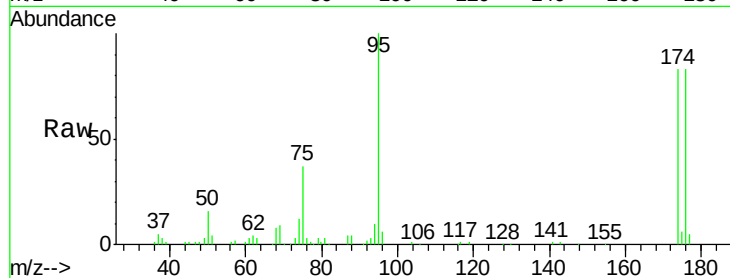
Tot Ion: 95 Resp: 177703

Ion Ratio Lower Upper

95 100

174 83.1 0.0 181.8

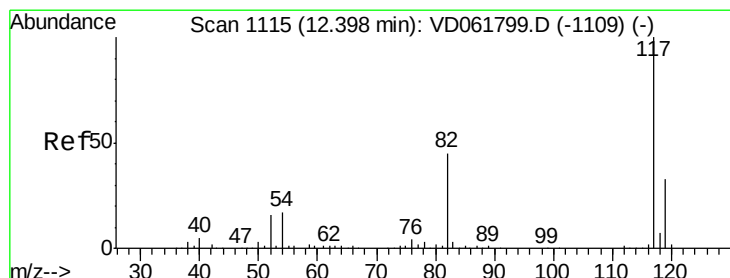
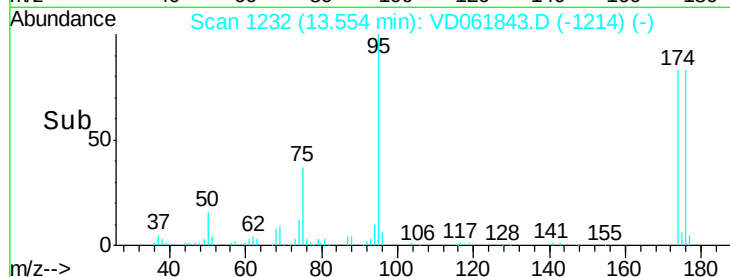
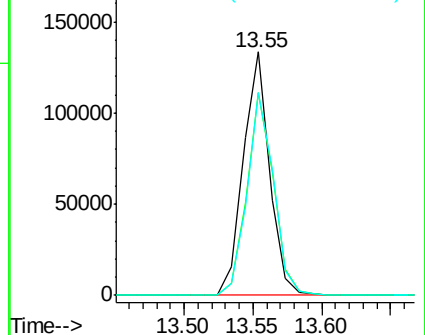
176 83.2 0.0 174.4



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. -0.04 min

Lab File: VD061843.D

Acq: 17 Apr 2019 8:50

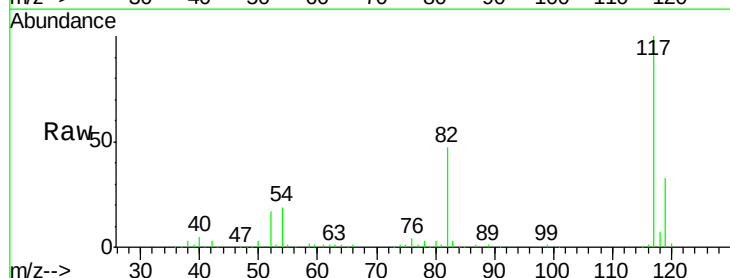
Tgt Ion: 117 Resp: 482100

Ion Ratio Lower Upper

117 100

82 47.5 36.2 54.2

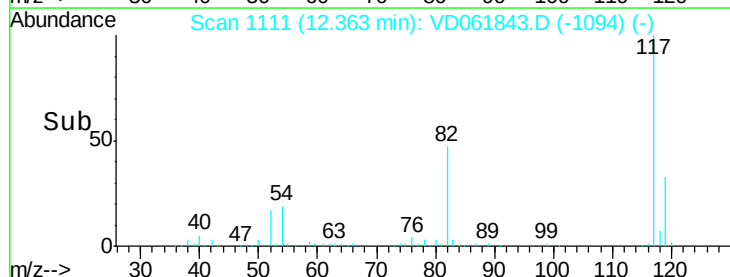
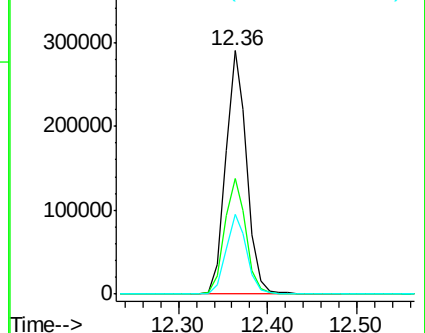
119 32.8 26.2 39.4

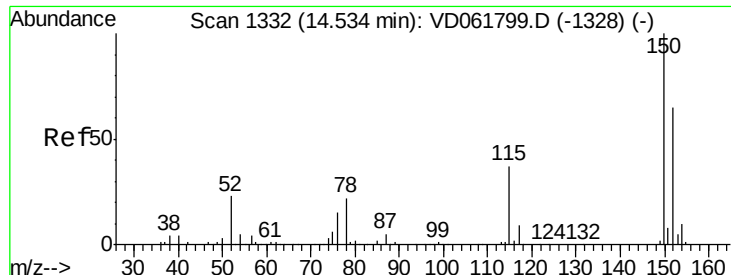


Abundance Ion 116.95 (116.65 to 117.65): V

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. -0.02 min

Lab File: VD061843.D

Acq: 17 Apr 2019 8:50

Instrument :

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ClientSampleId :

TP5-A

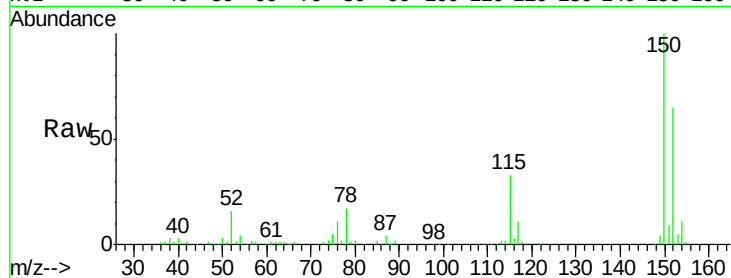
Tot Ion:152 Resp: 210616

Ion Ratio Lower Upper

152 100

115 50.8 30.9 92.7

150 153.6 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

