

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
 Data File : VD061839.D
 Acq On : 17 Apr 2019 6:59
 Operator : VA/AP
 Sample : K2423-09
 Misc : 4.78g/5ml/MSVOA D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-A

Quant Time: Apr 17 08:07:40 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

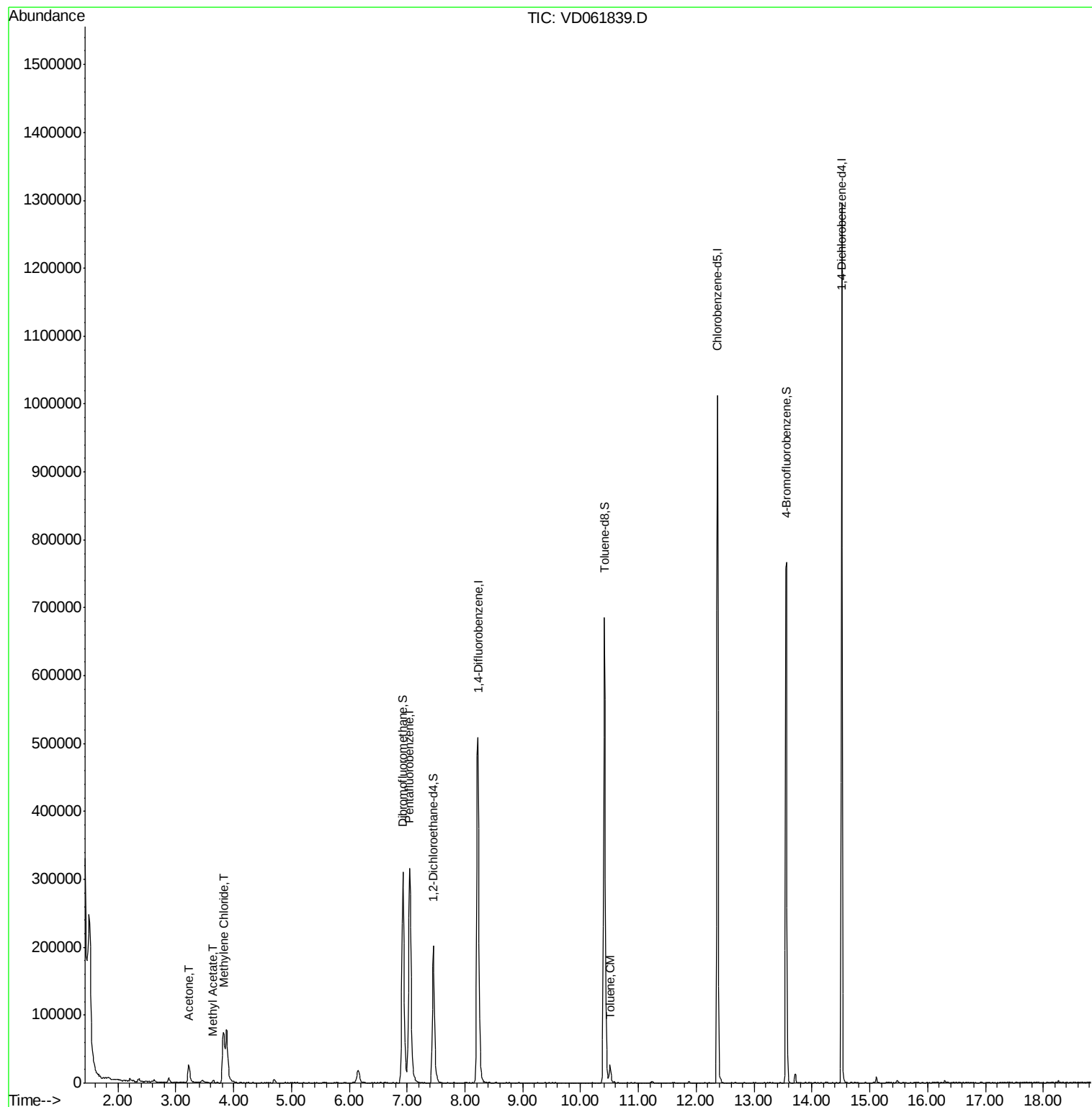
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	335579	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	8.22	114	640757	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.37	117	591849	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.51	152	284201	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	204130	72.58	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	145.16%	
35) Dibromofluoromethane	6.92	113	294059	60.74	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	121.48%	
50) Toluene-d8	10.41	98	589677	51.41	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	13.55	95	264740	56.94	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	113.88%	
Target Compounds						
16) Acetone	3.22	43	53144	76.668	ug/l	97
18) Methyl Acetate	3.66	43	5270	3.793	ug/l	99
20) Methylene Chloride	3.82	84	64141	15.446	ug/l	94
52) Toluene	10.51	92	13632	1.692	ug/l	96

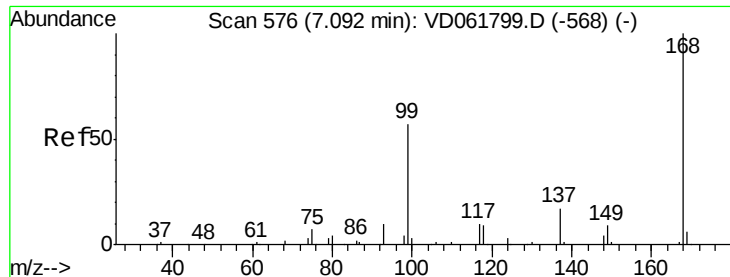
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041619\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.05 min

Lab File: VD061839.D

Acq: 17 Apr 2019 6:59

Instrument :

MSVOA_D

ClientSampleId :

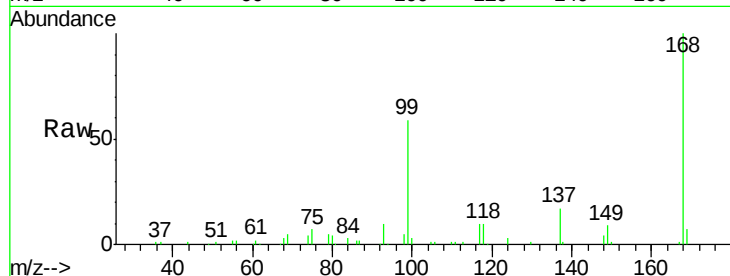
TP3-A

Tot Ion:168 Resp: 335579

Ion Ratio Lower Upper

168 100

99 58.7 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

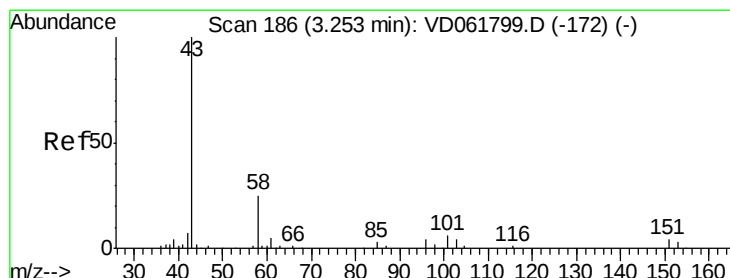
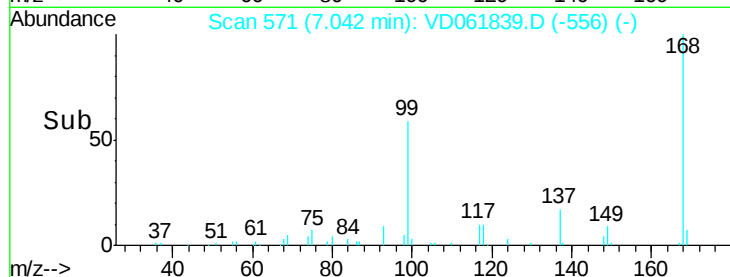
40000

20000

0

Time-->

6.90 7.00 7.10 7.20 7.30



#16

Acetone

Concen: 76.668 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.03 min

Lab File: VD061839.D

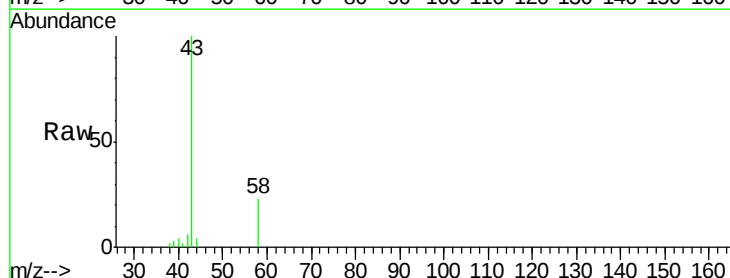
Acq: 17 Apr 2019 6:59

Tgt Ion: 43 Resp: 53144

Ion Ratio Lower Upper

43 100

58 23.4 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

20000

15000

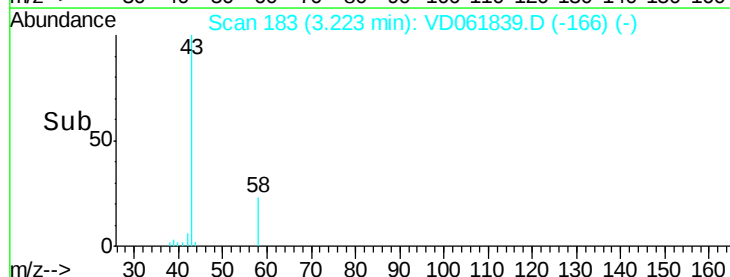
10000

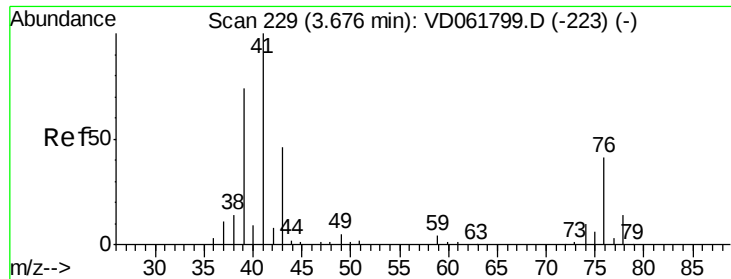
5000

0

Time-->

3.10 3.20 3.30 3.40

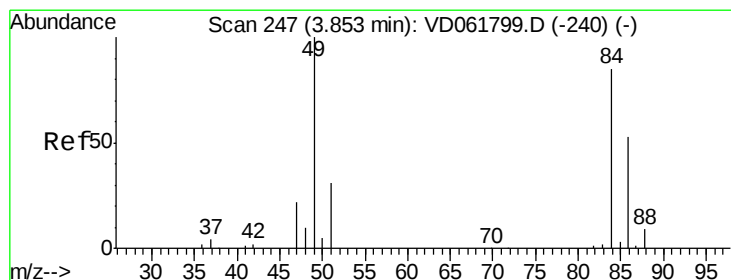
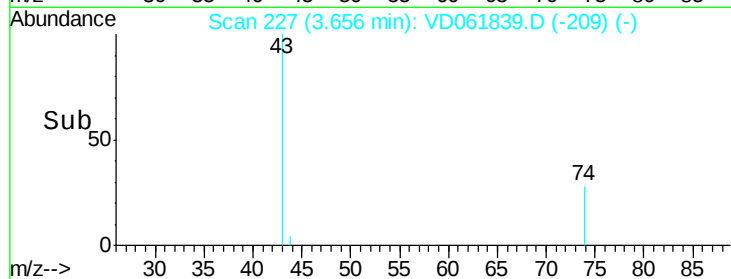
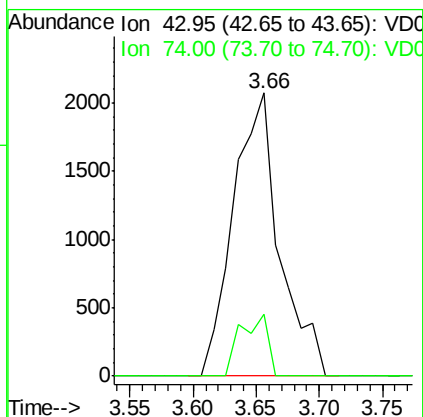
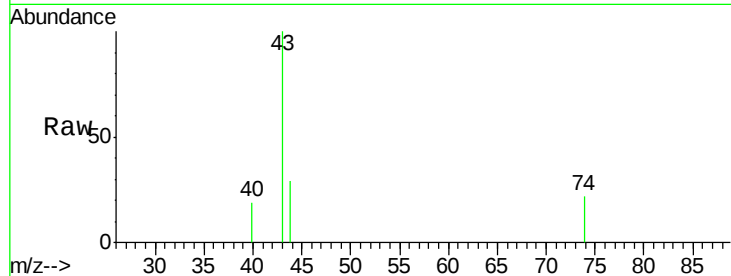




#18
Methyl Acetate
Concen: 3.793 ug/l
RT: 3.66 min Scan# 227
Delta R.T. -0.02 min
Lab File: VD061839.D
Acq: 17 Apr 2019 6:59

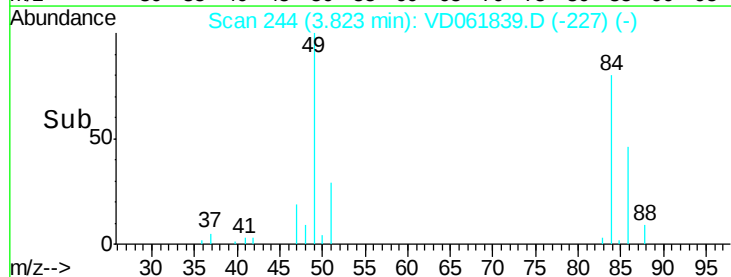
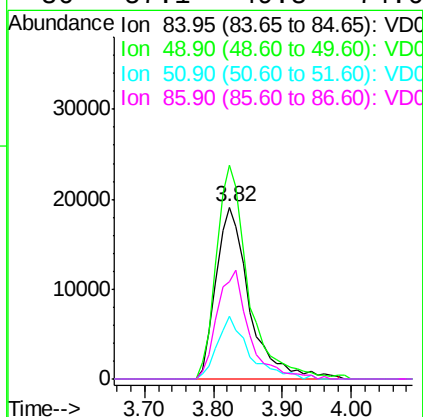
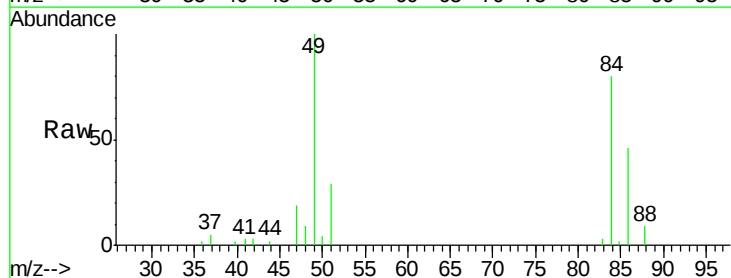
Instrument :
MSVOA_D
ClientSampleId :
TP3-A

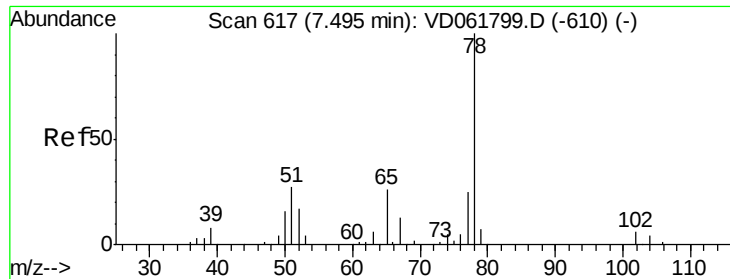
Tot Ion: 43 Resp: 5270
Ion Ratio Lower Upper
43 100
74 22.0 18.0 27.0



#20
Methylene Chloride
Concen: 15.446 ug/l
RT: 3.82 min Scan# 244
Delta R.T. -0.03 min
Lab File: VD061839.D
Acq: 17 Apr 2019 6:59

Tgt Ion: 84 Resp: 64141
Ion Ratio Lower Upper
84 100
49 124.5 94.0 141.0
51 36.7 29.0 43.4
86 57.1 49.8 74.6

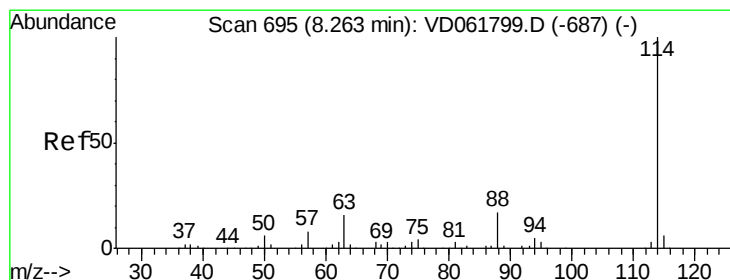
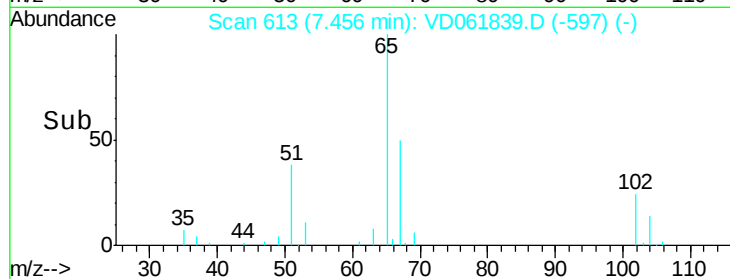
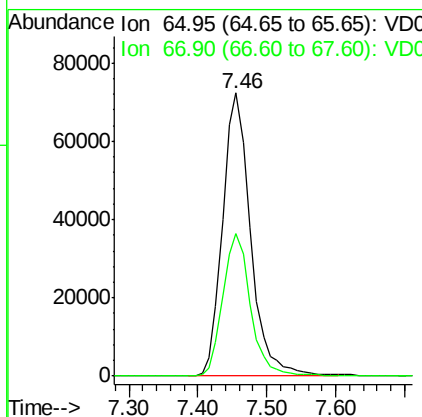
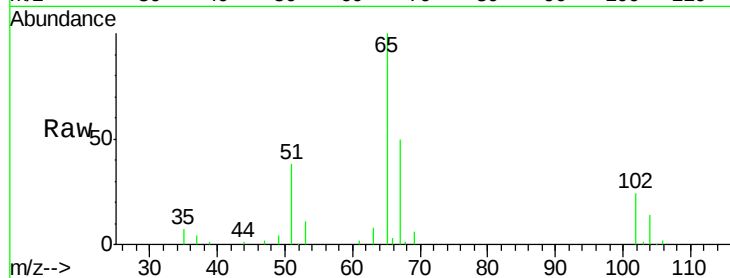




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. -0.04 min
 Lab File: VD061839.D
 Acq: 17 Apr 2019 6:59

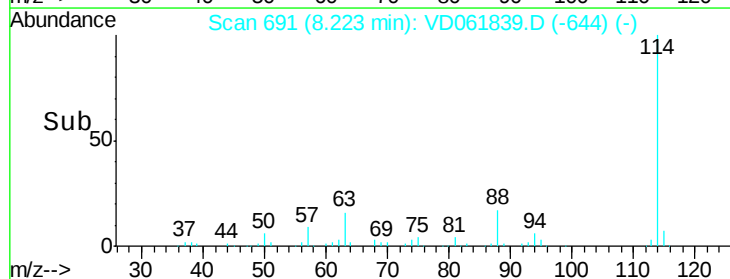
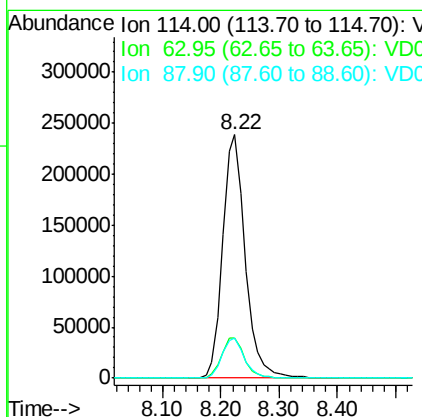
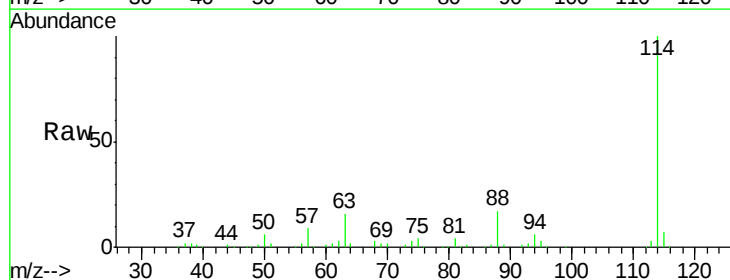
Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-A

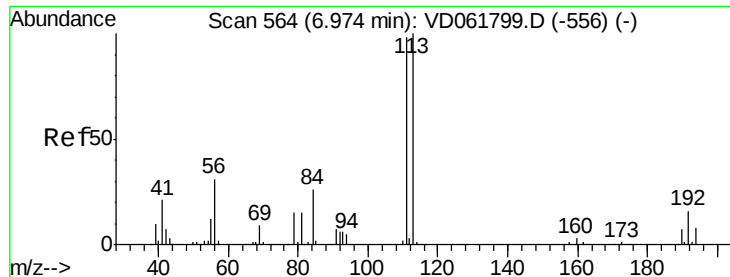
Tot Ion: 65 Resp: 204130
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. -0.04 min
 Lab File: VD061839.D
 Acq: 17 Apr 2019 6:59

Tgt Ion: 114 Resp: 640757
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 32.4
 88 16.6 0.0 33.6

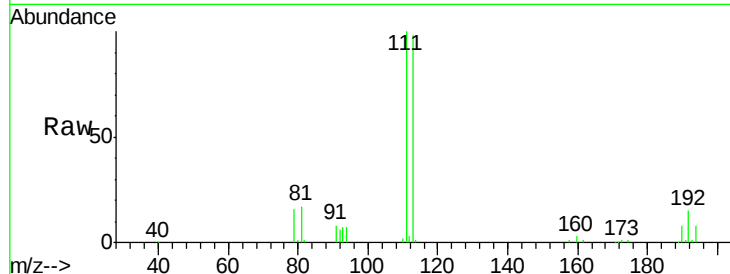




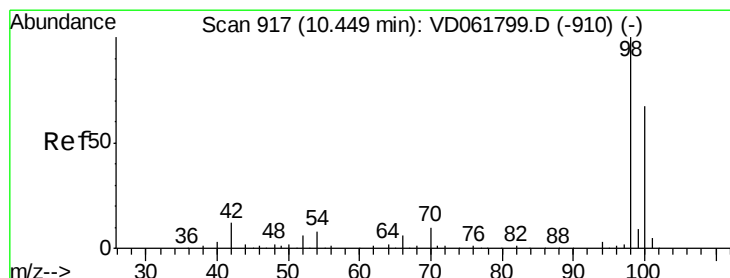
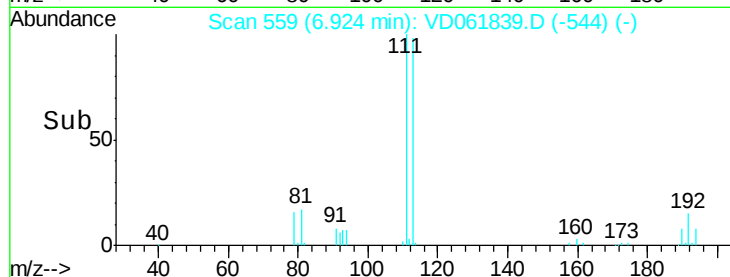
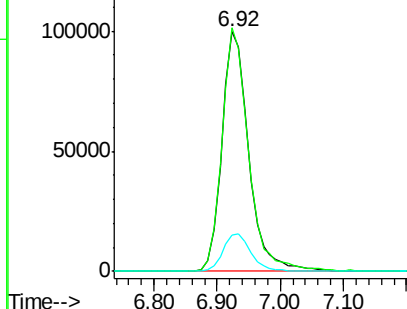
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. -0.05 min
 Lab File: VD061839.D
 Acq: 17 Apr 2019 6:59

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-A

Tot Ion:113 Resp: 294059
 Ion Ratio Lower Upper
 113 100
 111 101.7 78.5 117.7
 192 15.3 13.0 19.4

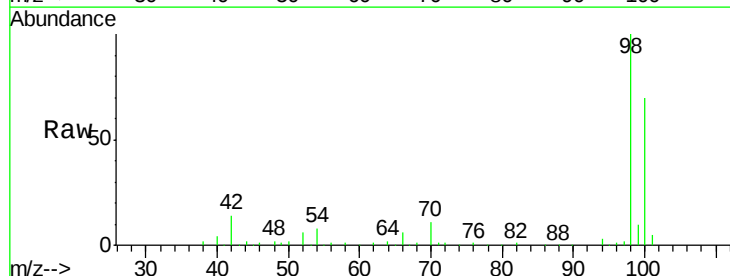


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

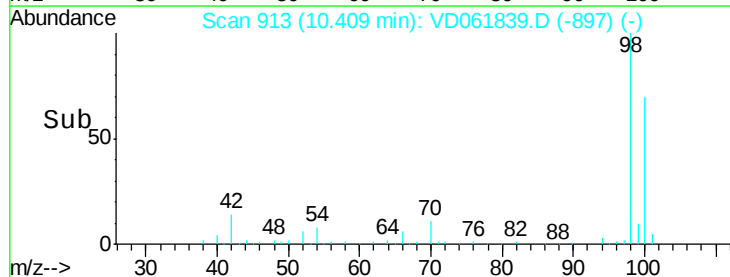
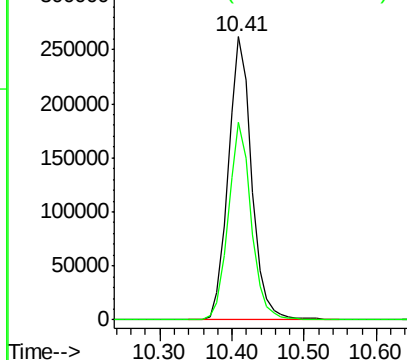


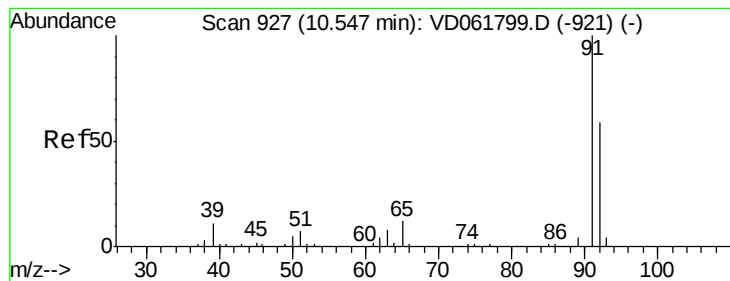
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. -0.04 min
 Lab File: VD061839.D
 Acq: 17 Apr 2019 6:59

Tgt Ion: 98 Resp: 589677
 Ion Ratio Lower Upper
 98 100
 100 70.0 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VDC





#52

Toluene

Concen: 1.692 ug/l

RT: 10.51 min Scan# 923

Delta R.T. -0.04 min

Lab File: VD061839.D

Acq: 17 Apr 2019 6:59

Instrument :

MSVOA_D

ClientSampleId :

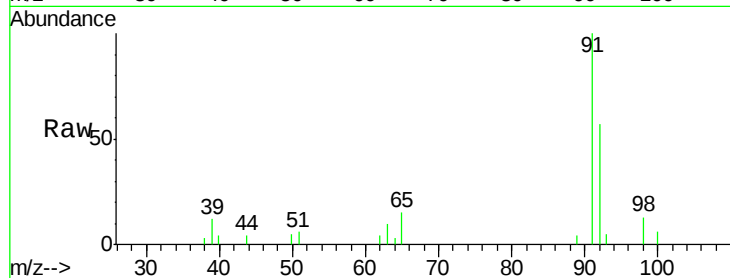
TP3-A

Tot Ion: 92 Resp: 13632

Ion Ratio Lower Upper

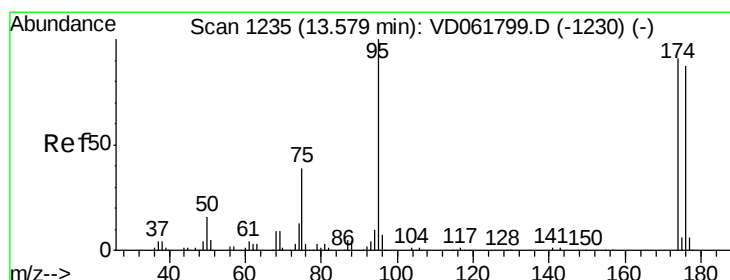
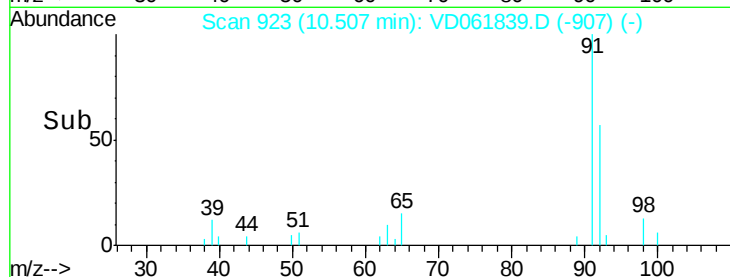
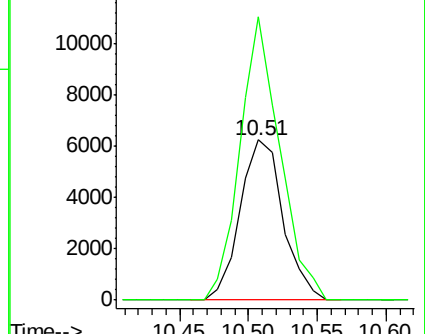
92 100

91 176.7 136.6 204.8



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. -0.03 min

Lab File: VD061839.D

Acq: 17 Apr 2019 6:59

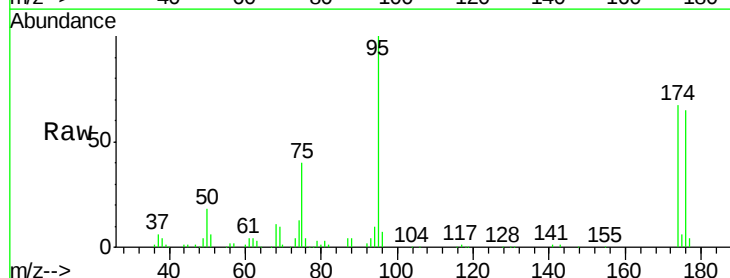
Tgt Ion: 95 Resp: 264740

Ion Ratio Lower Upper

95 100

174 66.8 0.0 181.8

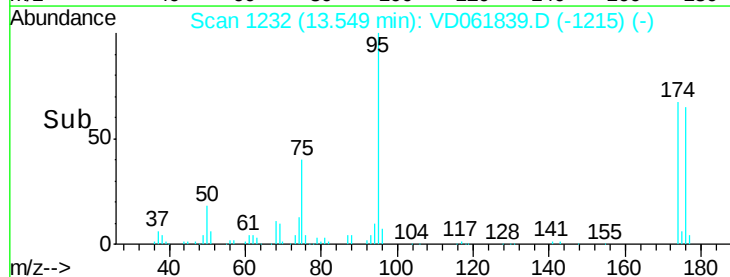
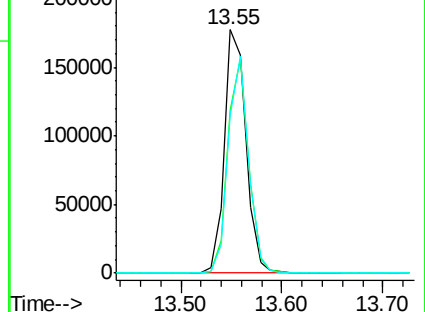
176 64.8 0.0 174.4

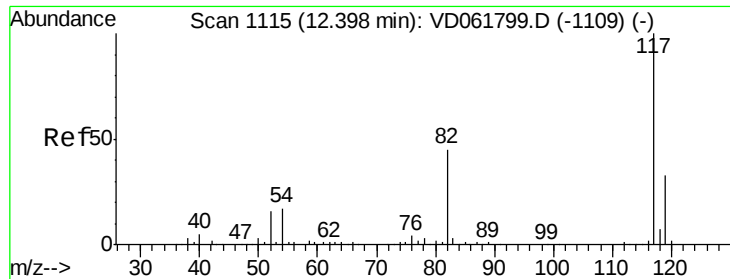


Abundance Ion 95.00 (94.70 to 95.70): VDC

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: 12.37 min Scan# 1112

Delta R.T. -0.03 min

Lab File: VD061839.D

Acq: 17 Apr 2019 6:59

Instrument :

MSVOA_D

ClientSampleId :

TP3-A

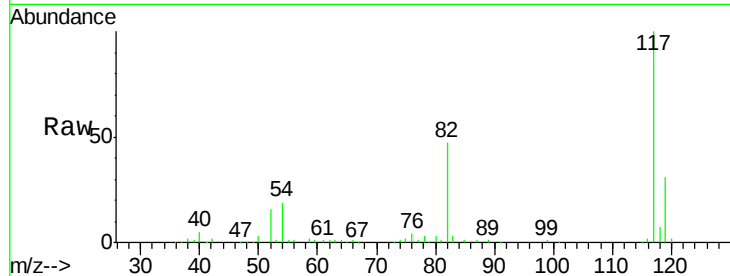
Tot Ion:117 Resp: 591849

Ion Ratio Lower Upper

117 100

82 46.9 36.2 54.2

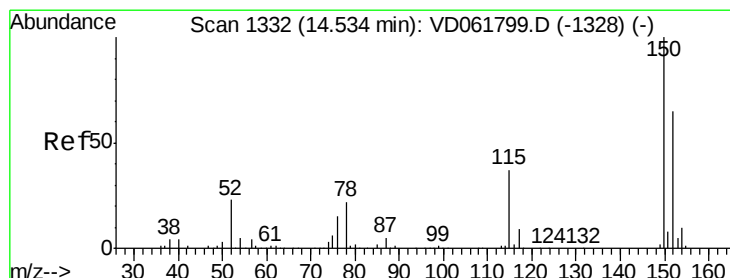
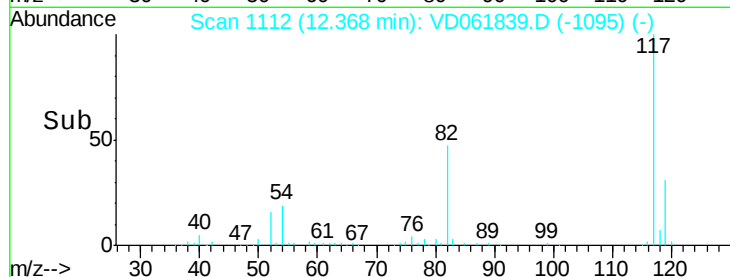
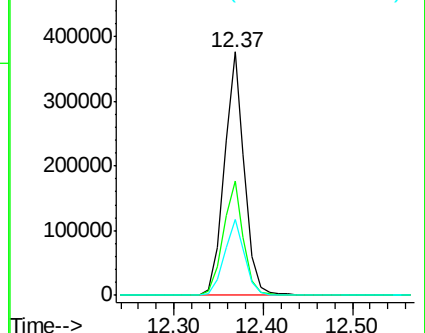
119 31.2 26.2 39.4



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: 14.51 min Scan# 1330

Delta R.T. -0.02 min

Lab File: VD061839.D

Acq: 17 Apr 2019 6:59

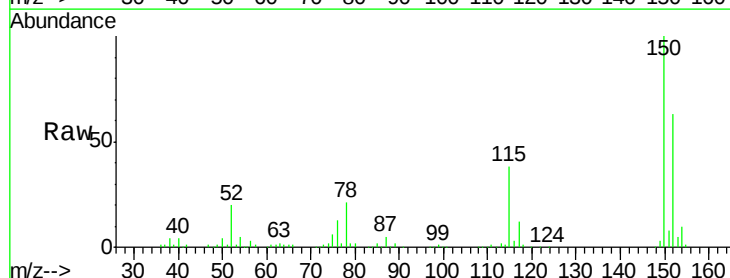
Tgt Ion:152 Resp: 284201

Ion Ratio Lower Upper

152 100

115 59.7 30.9 92.7

150 158.2 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

