

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
 Data File : VD061835.D
 Acq On : 17 Apr 2019 5:07
 Operator : VA/AP
 Sample : K2423-01
 Misc : 4.10g/5ml/MSVOA D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-A

Quant Time: Apr 17 07:12:22 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

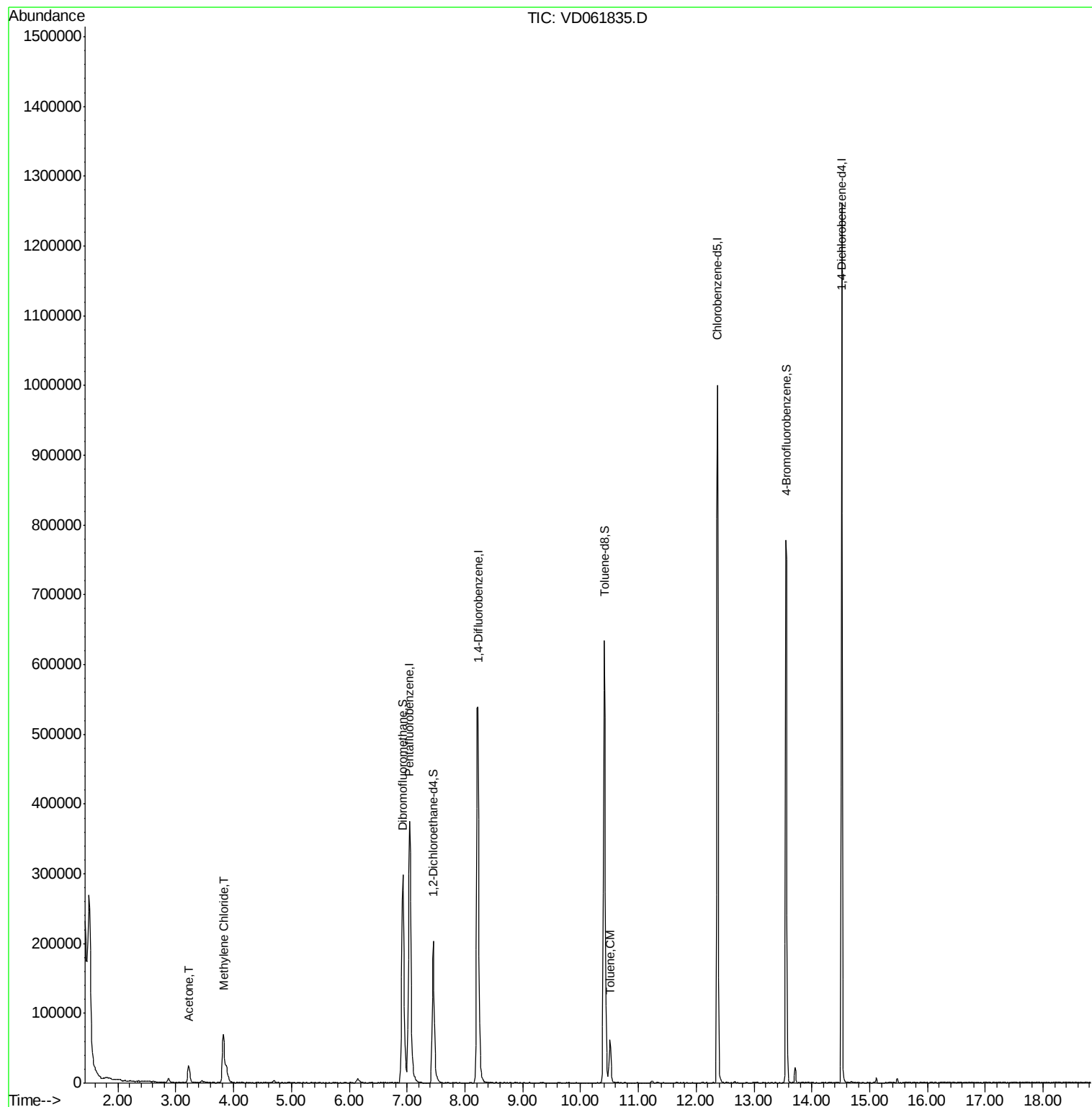
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	398314	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	8.22	114	701412	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.37	117	624554	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.51	152	287447	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	201107	60.24	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	120.48%	
35) Dibromofluoromethane	6.92	113	294084	55.50	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	111.00%	
50) Toluene-d8	10.41	98	584990	46.59	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	93.18%	
62) 4-Bromofluorobenzene	13.55	95	263124	51.70	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	103.40%	
Target Compounds						
16) Acetone	3.22	43	51405	62.479	ug/l	99
20) Methylene Chloride	3.82	84	53183	9.268	ug/l	98
52) Toluene	10.51	92	33346	3.782	ug/l	95

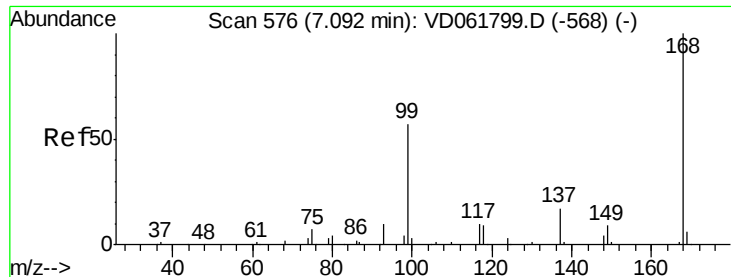
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041619\
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Quant Title : SW846 8260
QLast Update : Tue Apr 16 08:53:01 2019
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: VD061835.D

Acq: 17 Apr 2019 5:07

Instrument :

MSVOA_D

ClientSampleId :

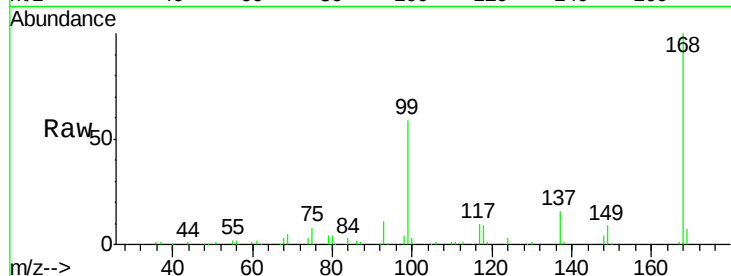
TP1-A

Tot Ion:168 Resp: 398314

Ion Ratio Lower Upper

168 100

99 59.1 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

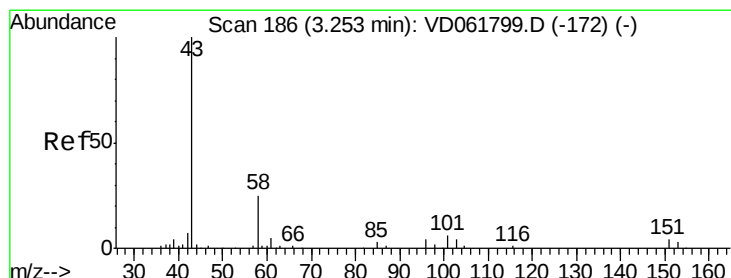
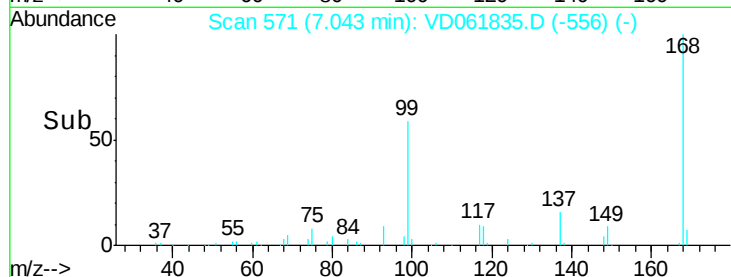
100000

50000

0

Time-->

7.00 7.20



#16

Acetone

Concen: 62.479 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.03 min

Lab File: VD061835.D

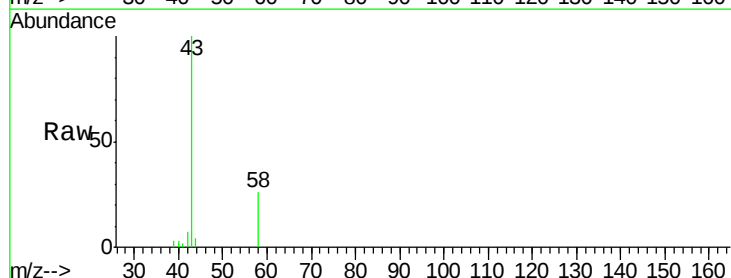
Acq: 17 Apr 2019 5:07

Tgt Ion: 43 Resp: 51405

Ion Ratio Lower Upper

43 100

58 25.6 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

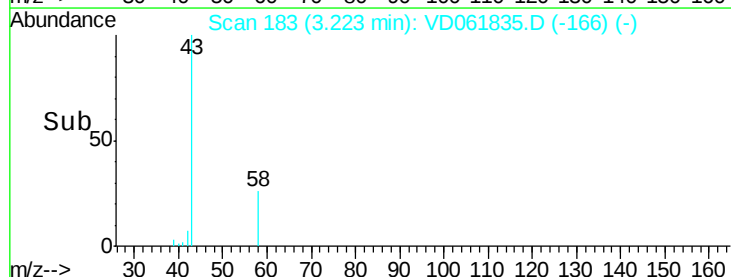
10000

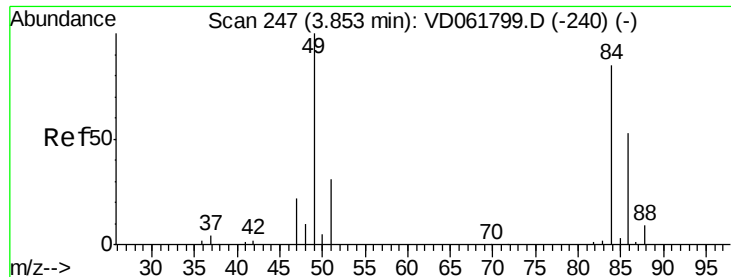
5000

0

Time-->

3.10 3.20 3.30 3.40

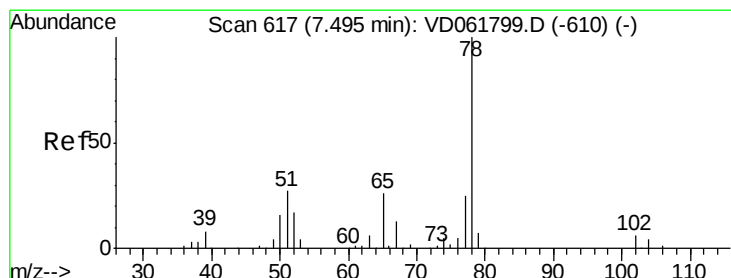
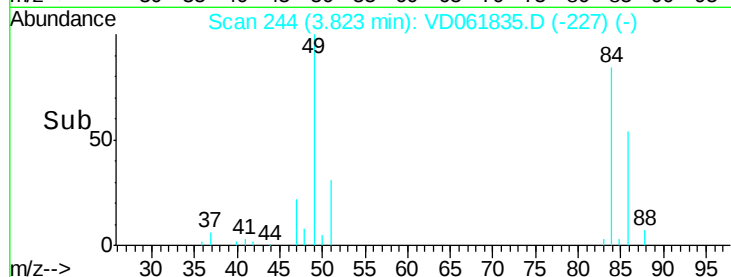
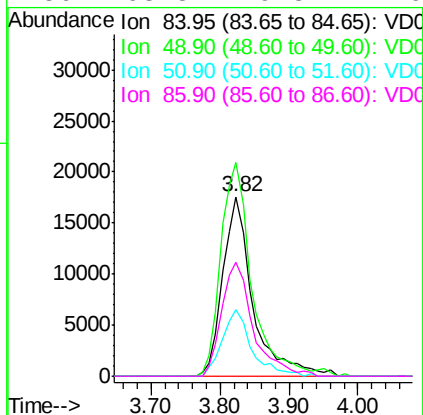
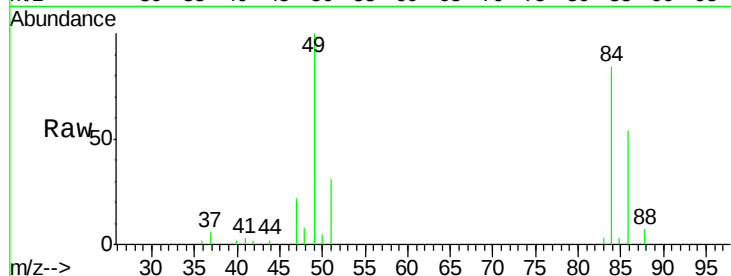




#20
Methylene Chloride
Concen: 9.268 ug/l
RT: 3.82 min Scan# 244
Delta R.T. -0.03 min
Lab File: VD061835.D
Acq: 17 Apr 2019 5:07

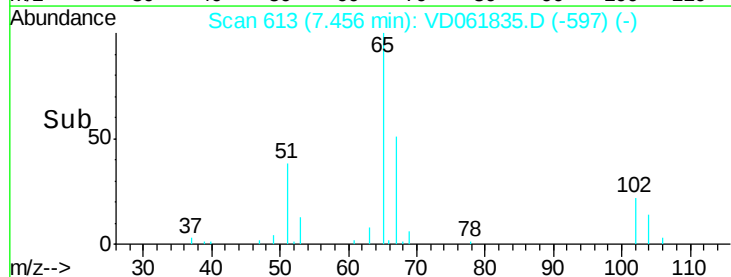
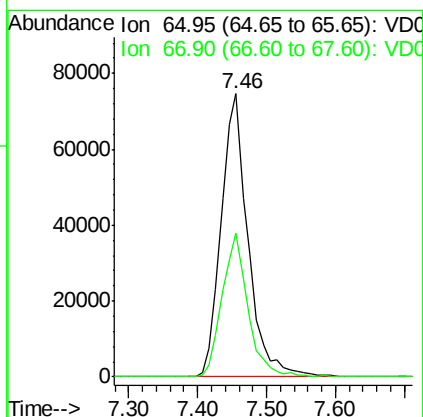
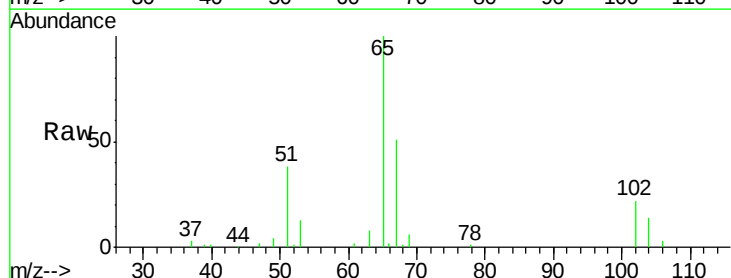
Instrument :
MSVOA_D
ClientSampleId :
TP1-A

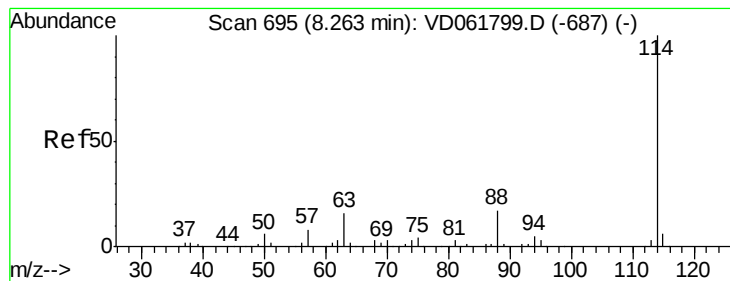
Tot Ion:	84	Resp:	53183
Ion	Ratio	Lower	Upper
84	100		
49	119.0	94.0	141.0
51	36.9	29.0	43.4
86	63.8	49.8	74.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.04 min
Lab File: VD061835.D
Acq: 17 Apr 2019 5:07

Tgt Ion:	65	Resp:	201107
Ion	Ratio	Lower	Upper
65	100		
67	50.6	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: VD061835.D

Acq: 17 Apr 2019 5:07

Instrument :

MSVOA_D

ClientSampleId :

TP1-A

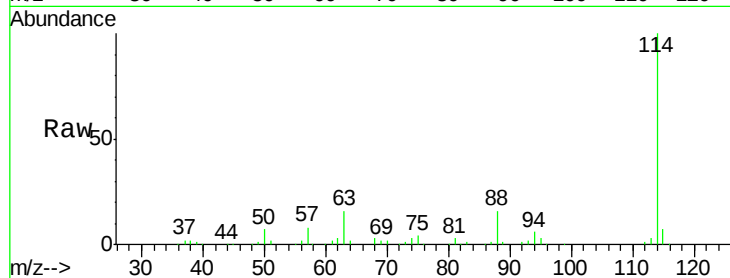
Tot Ion:114 Resp: 701412

Ion Ratio Lower Upper

114 100

63 15.6 0.0 32.4

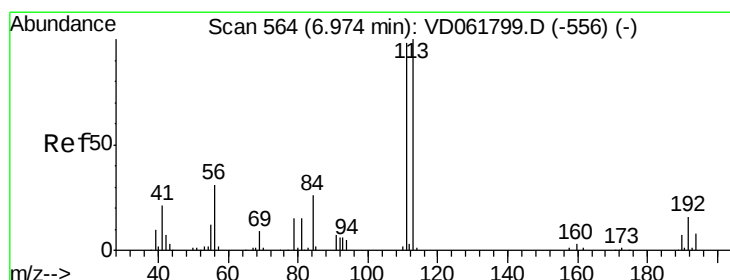
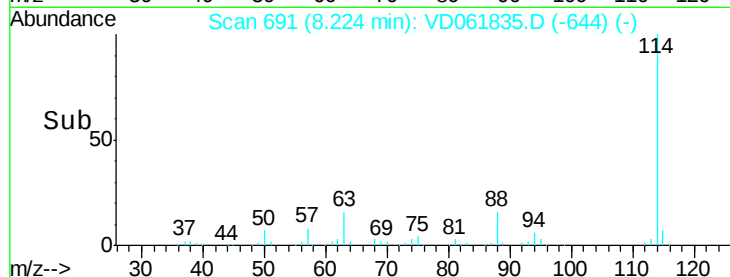
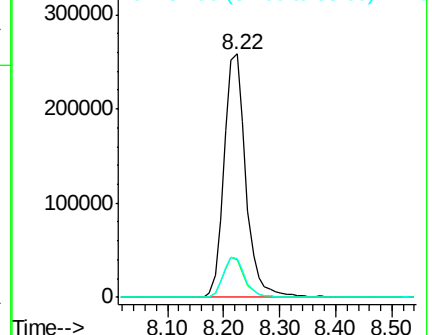
88 15.9 0.0 33.6



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# 559

Delta R.T. -0.05 min

Lab File: VD061835.D

Acq: 17 Apr 2019 5:07

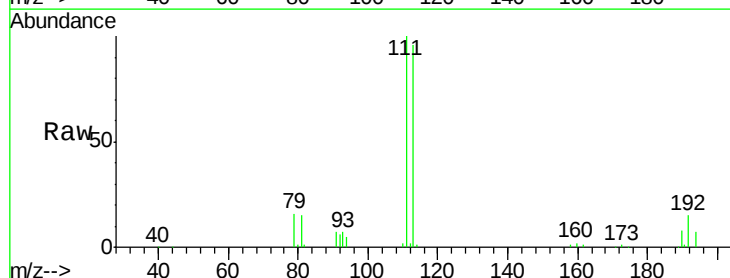
Tgt Ion:113 Resp: 294084

Ion Ratio Lower Upper

113 100

111 104.2 78.5 117.7

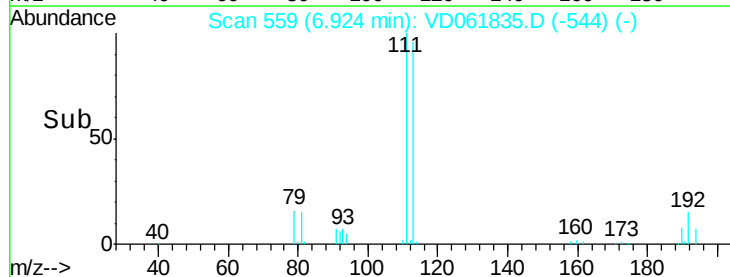
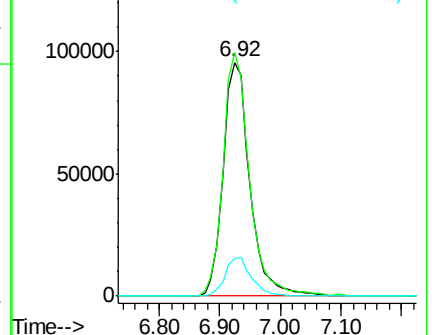
192 16.0 13.0 19.4

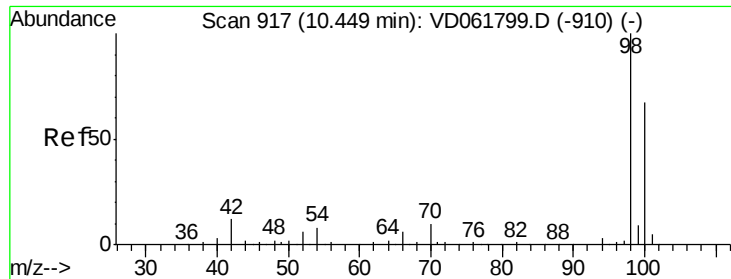


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

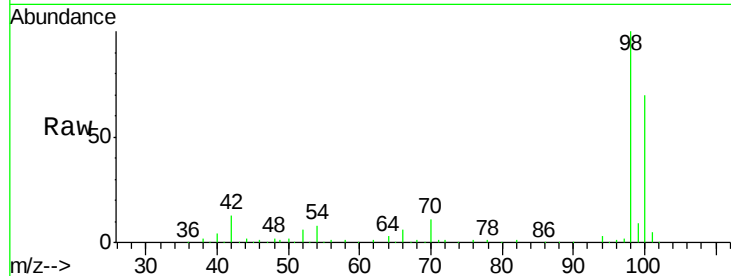




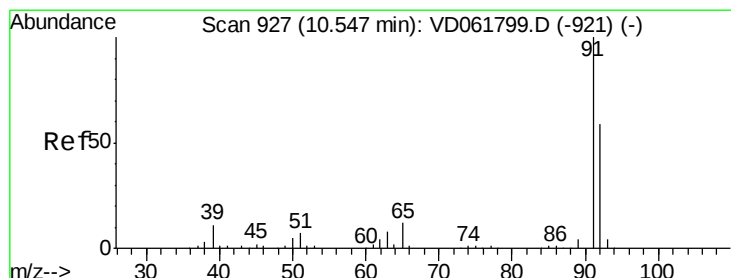
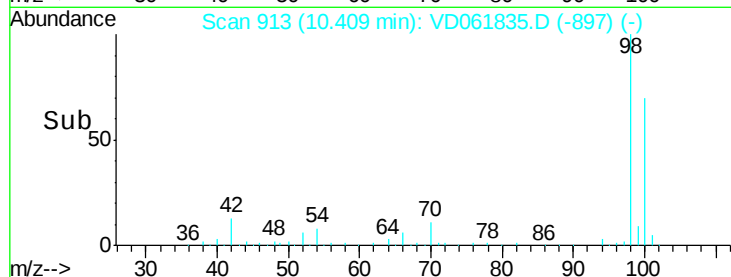
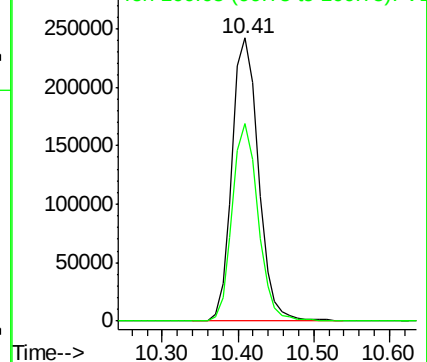
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.04 min
Lab File: VD061835.D
Acq: 17 Apr 2019 5:07

Instrument :
MSVOA_D
ClientSampled :
TP1-A

Tot Ion: 98 Resp: 584990
Ion Ratio Lower Upper
98 100
100 70.0 53.8 80.8

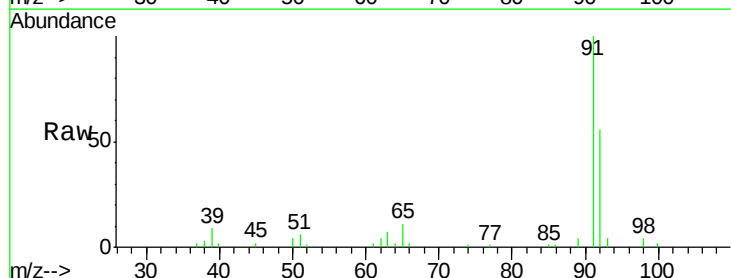


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

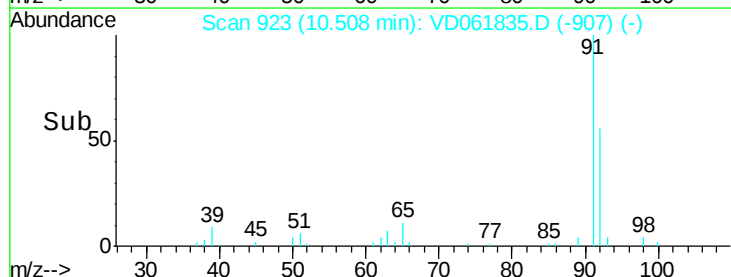
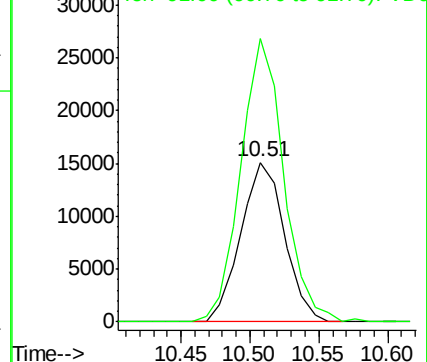


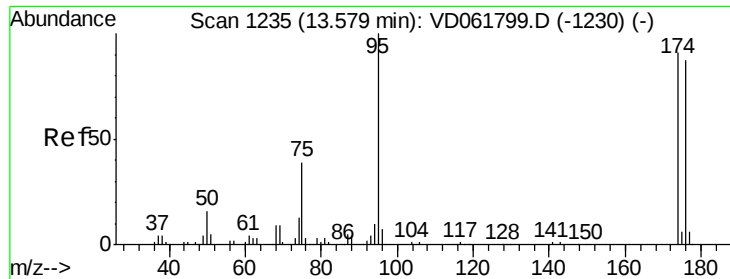
#52
Toluene
Concen: 3.782 ug/l
RT: 10.51 min Scan# 923
Delta R.T. -0.04 min
Lab File: VD061835.D
Acq: 17 Apr 2019 5:07

Tgt Ion: 92 Resp: 33346
Ion Ratio Lower Upper
92 100
91 177.6 136.6 204.8



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: VD061835.D

Acq: 17 Apr 2019 5:07

Instrument :

MSVOA_D

ClientSampleId :

TP1-A

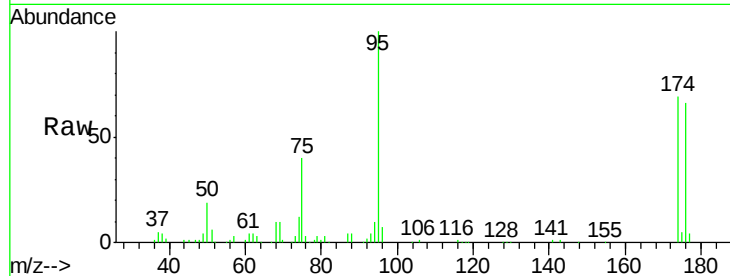
Tot Ion: 95 Resp: 263124

Ion Ratio Lower Upper

95 100

174 68.8 0.0 181.8

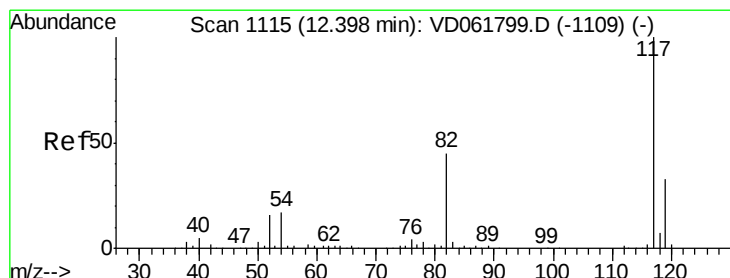
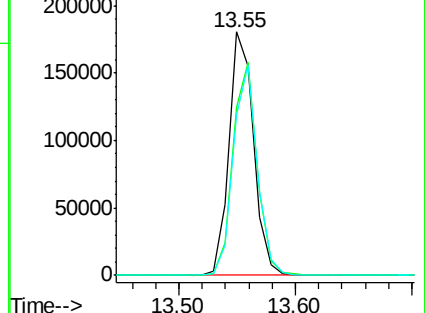
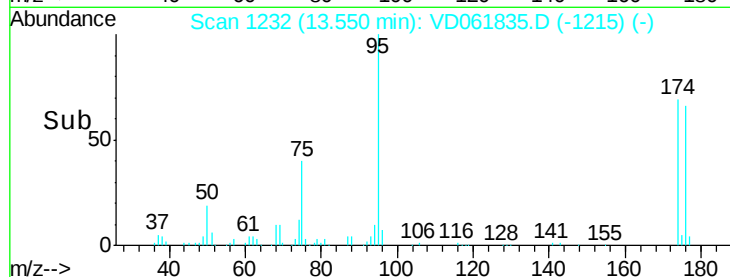
176 66.1 0.0 174.4



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: 12.37 min Scan# 1112

Delta R.T. -0.03 min

Lab File: VD061835.D

Acq: 17 Apr 2019 5:07

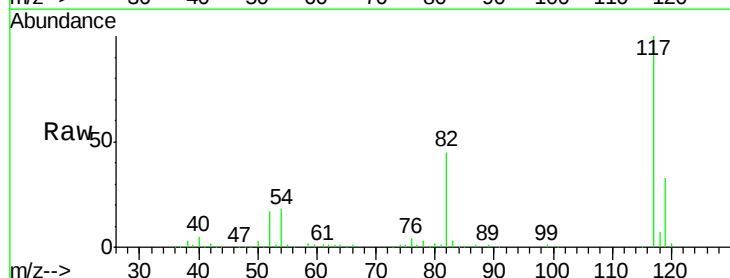
Tgt Ion: 117 Resp: 624554

Ion Ratio Lower Upper

117 100

82 45.1 36.2 54.2

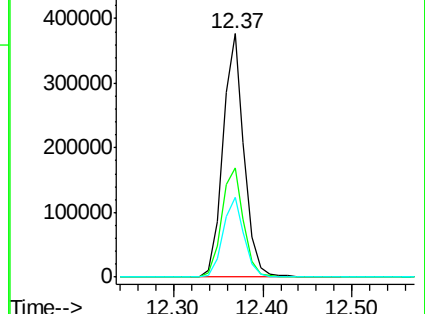
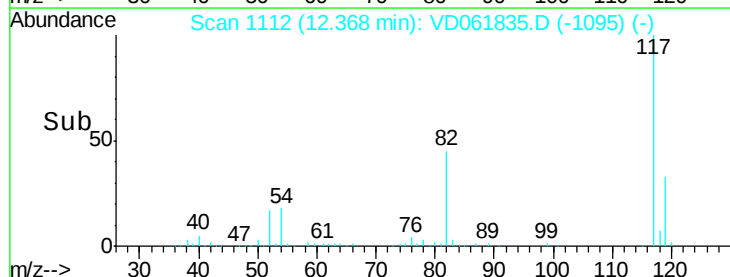
119 33.0 26.2 39.4

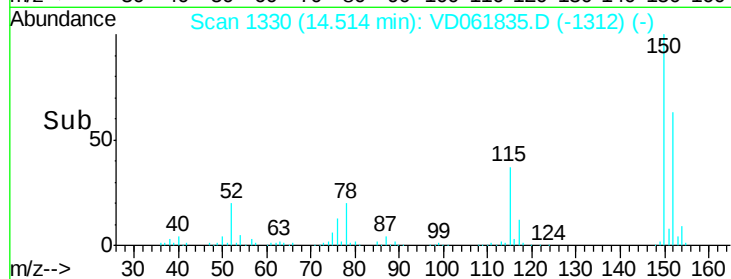
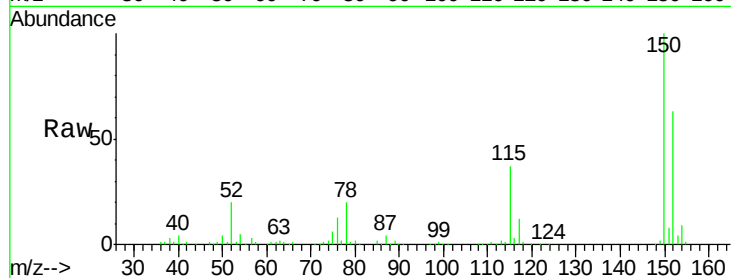
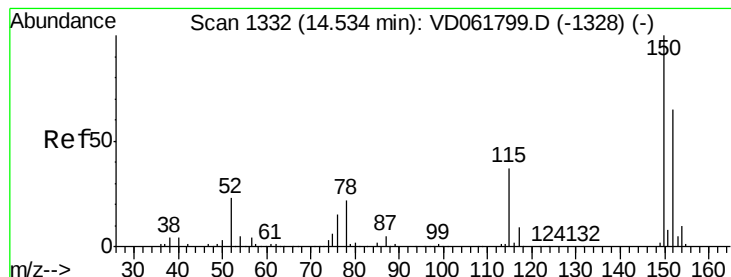


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD061835.D

Acq: 17 Apr 2019 5:07

Instrument :

MSVOA_D

ClientSampleId :

TP1-A

Tot Ion:152 Resp: 287447

Ion Ratio Lower Upper

152 100

115 59.7 30.9 92.7

150 159.3 0.0 314.8

