

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041719\
 Data File : VD061863.D
 Acq On : 17 Apr 2019 20:07
 Operator : VA/AP
 Sample : K2423-09
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-A

Quant Time: Apr 18 01:31:58 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

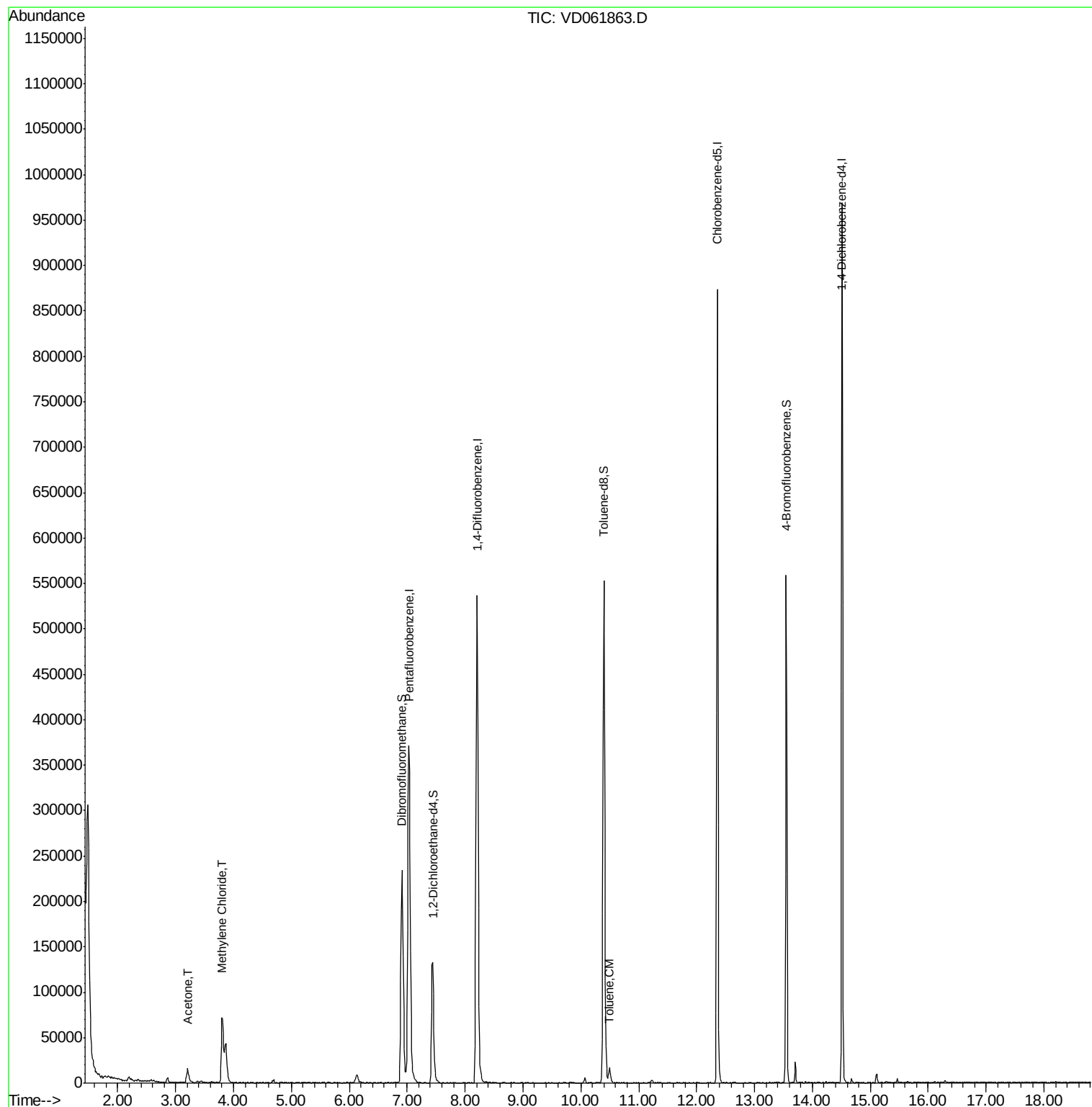
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	393467	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	8.21	114	658218	50.00	ug/l	-0.05
63) Chlorobenzene-d5	12.35	117	540578	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	14.51	152	217387	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	135107	40.97	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	81.94%	
35) Dibromofluoromethane	6.91	113	221653	44.57	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	89.14%	
50) Toluene-d8	10.39	98	496049	42.10	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	84.20%	
62) 4-Bromofluorobenzene	13.54	95	174005	36.44	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	72.88%	
Target Compounds						
16) Acetone	3.21	43	29654	36.486	ug/l	97
20) Methylene Chloride	3.81	84	52690	9.310	ug/l	98
52) Toluene	10.49	92	8669	1.048	ug/l	92

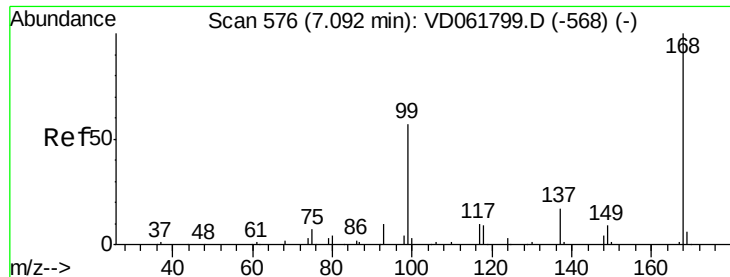
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.03 min Scan# 569

Delta R.T. -0.06 min

Lab File: VD061863.D

Acq: 17 Apr 2019 20:07

Instrument :

MSVOA_D

ClientSampleId :

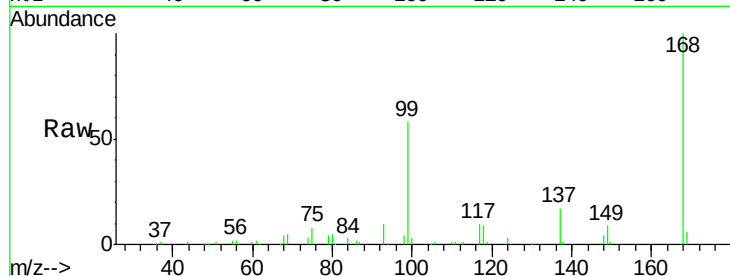
TP3-A

Tot Ion:168 Resp: 393467

Ion Ratio Lower Upper

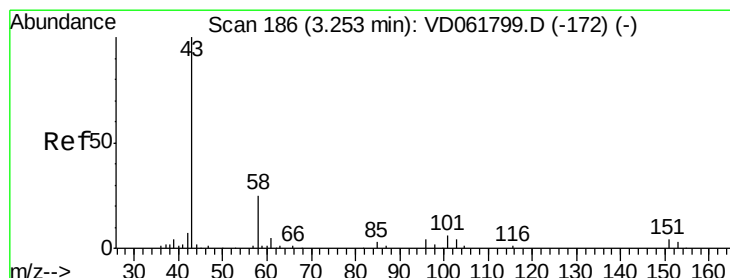
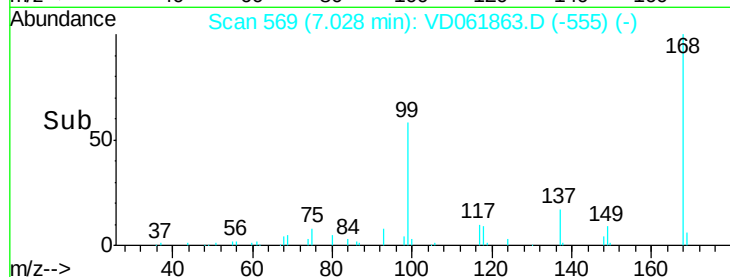
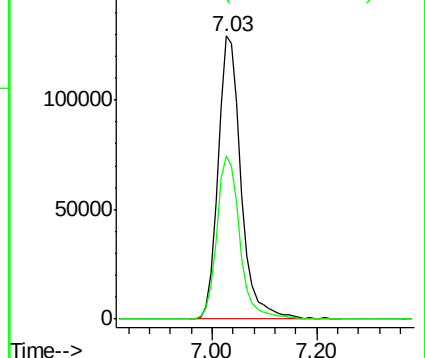
168 100

99 57.7 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: 36.486 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.04 min

Lab File: VD061863.D

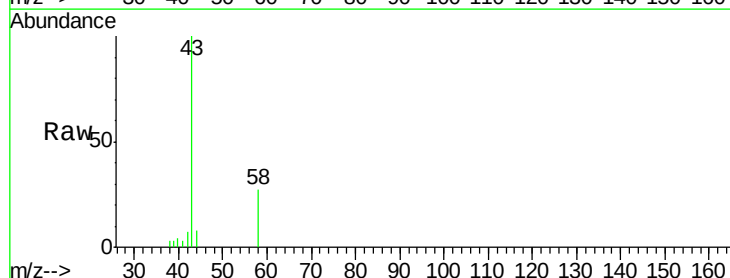
Acq: 17 Apr 2019 20:07

Tgt Ion: 43 Resp: 29654

Ion Ratio Lower Upper

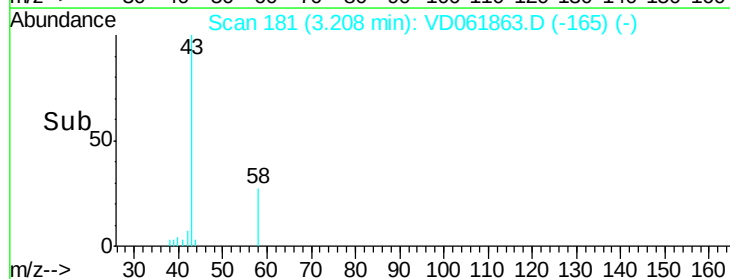
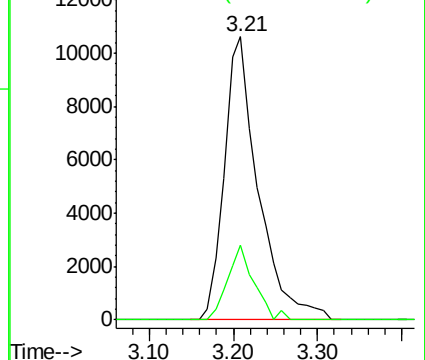
43 100

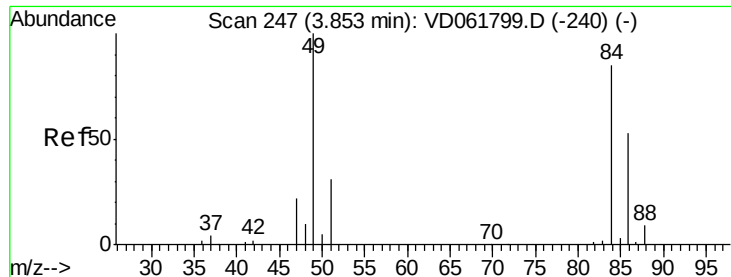
58 26.5 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

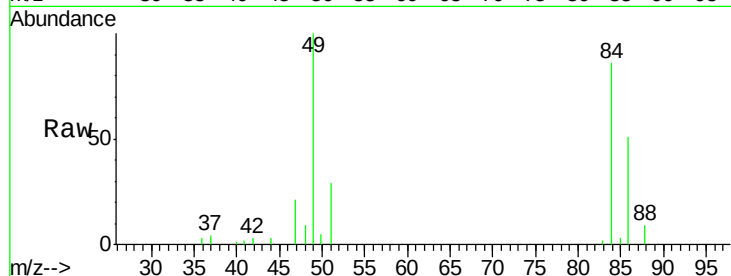




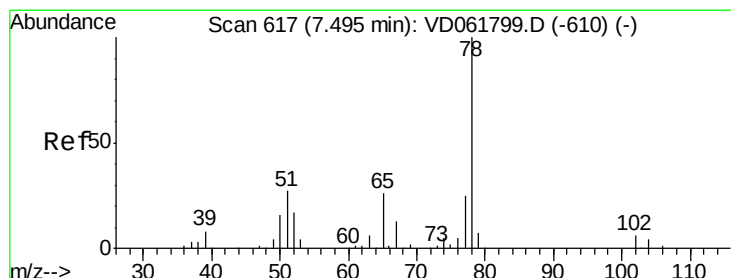
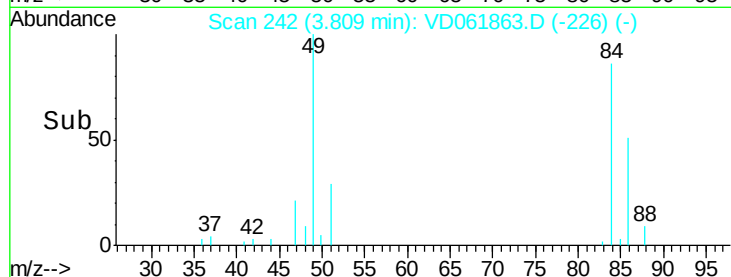
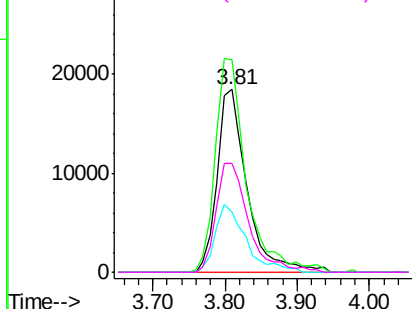
#20
Methylene Chloride
Concen: 9.310 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.04 min
Lab File: VD061863.D
Acq: 17 Apr 2019 20:07

Instrument :
MSVOA_D
ClientSampleId :
TP3-A

Tot Ion: 84 Resp: 52690
Ion Ratio Lower Upper
84 100
49 116.4 94.0 141.0
51 33.2 29.0 43.4
86 59.5 49.8 74.6

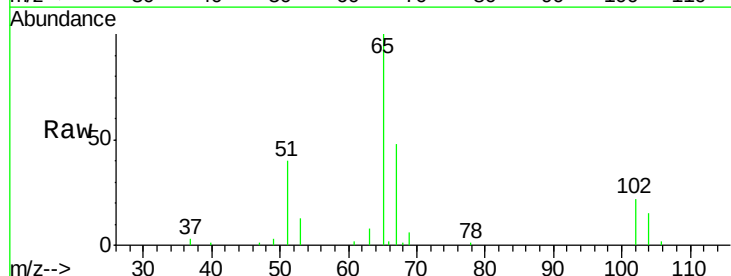


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

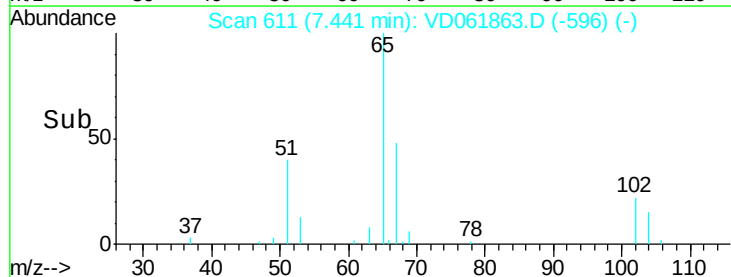
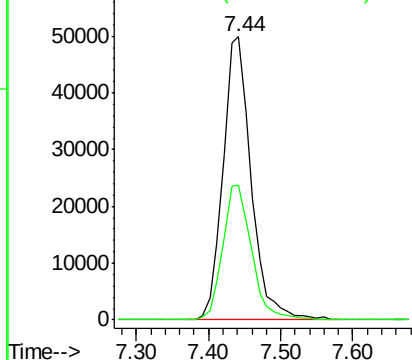


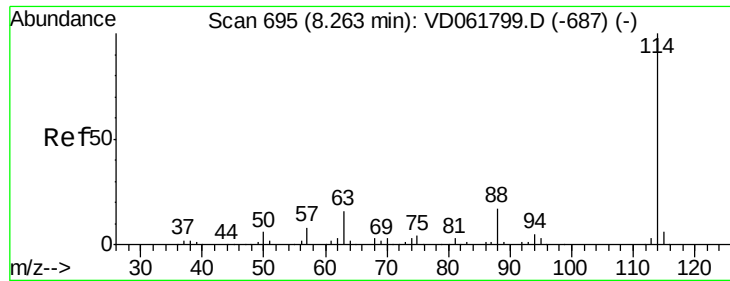
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.05 min
Lab File: VD061863.D
Acq: 17 Apr 2019 20:07

Tgt Ion: 65 Resp: 135107
Ion Ratio Lower Upper
65 100
67 47.9 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

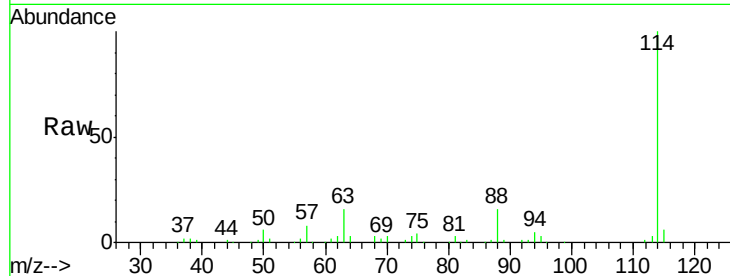




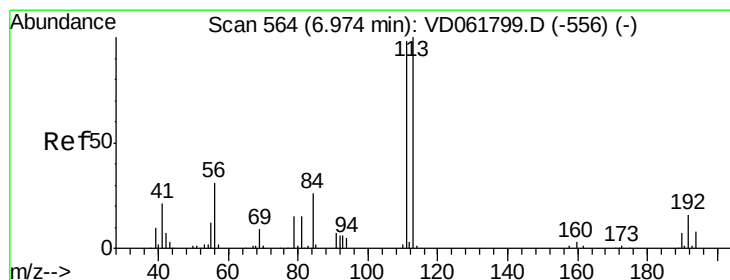
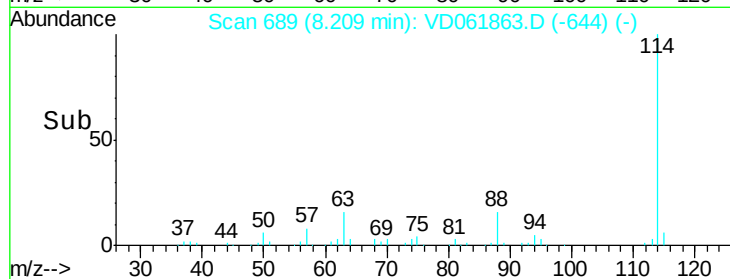
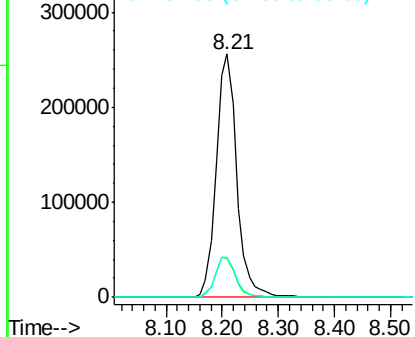
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.05 min
 Lab File: VD061863.D
 Acq: 17 Apr 2019 20:07

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-A

Tot Ion:114 Resp: 658218
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 32.4
 88 16.5 0.0 33.6

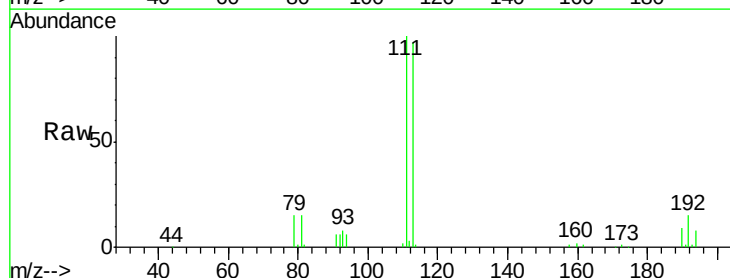


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

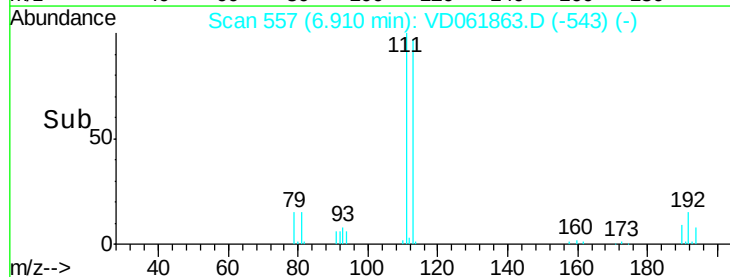
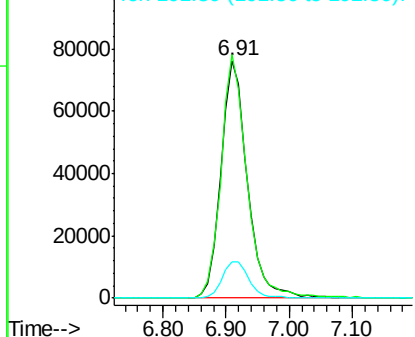


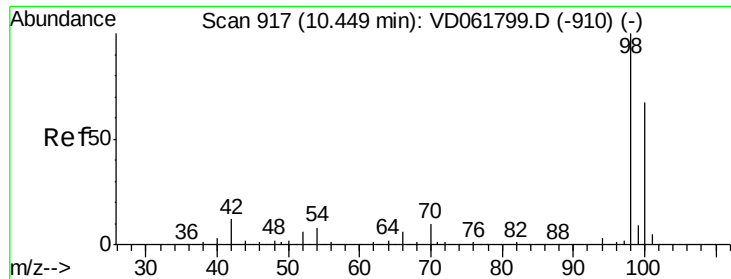
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.06 min
 Lab File: VD061863.D
 Acq: 17 Apr 2019 20:07

Tgt Ion:113 Resp: 221653
 Ion Ratio Lower Upper
 113 100
 111 102.6 78.5 117.7
 192 15.4 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

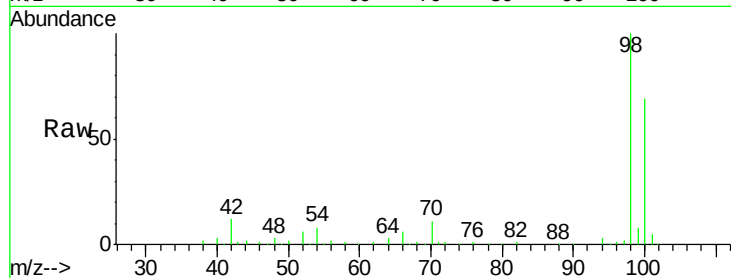




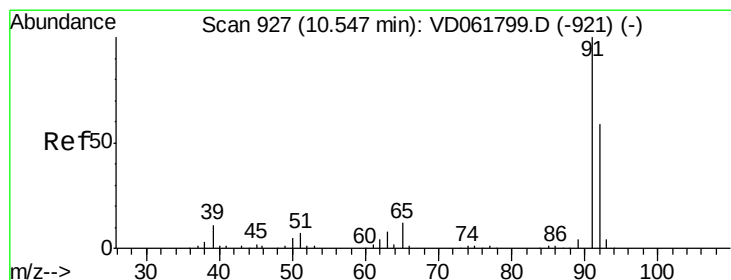
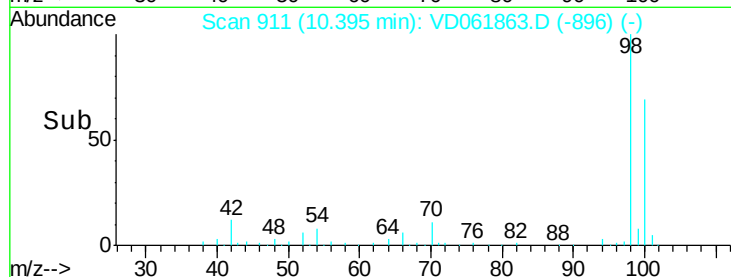
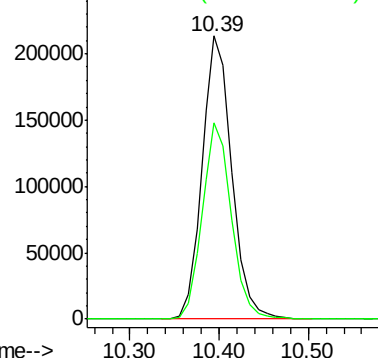
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.05 min
Lab File: VD061863.D
Acq: 17 Apr 2019 20:07

Instrument :
MSVOA_D
ClientSampleId :
TP3-A

Tot Ion: 98 Resp: 496049
Ion Ratio Lower Upper
98 100
100 69.2 53.8 80.8

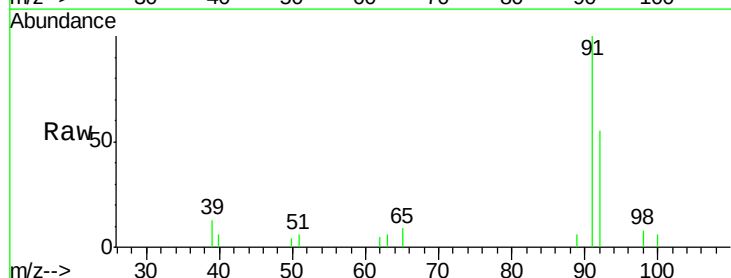


Abundance Ion 98.05 (97.75 to 98.75): VD061799.D (-910) (-)
Ion 100.05 (99.75 to 100.75): VD061799.D (-910) (-)

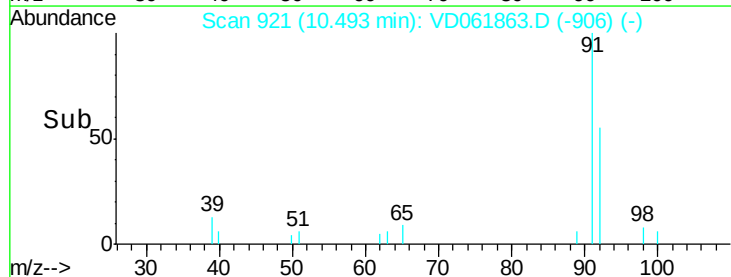
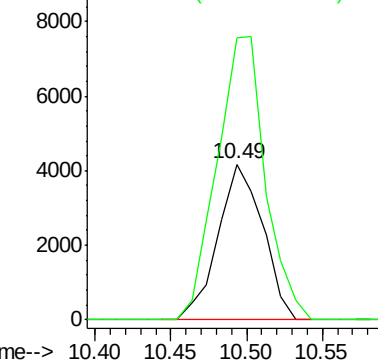


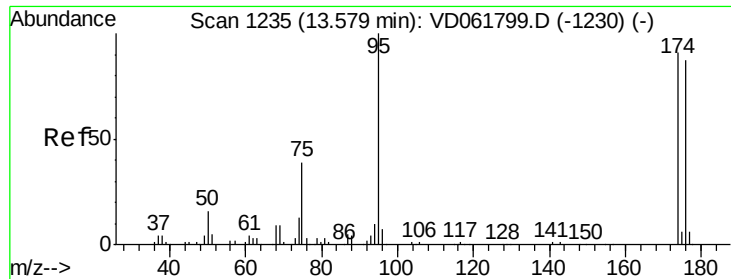
#52
Toluene
Concen: 1.048 ug/l
RT: 10.49 min Scan# 921
Delta R.T. -0.05 min
Lab File: VD061863.D
Acq: 17 Apr 2019 20:07

Tgt Ion: 92 Resp: 8669
Ion Ratio Lower Upper
92 100
91 181.4 136.6 204.8



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.03 min

Lab File: VD061863.D

Acq: 17 Apr 2019 20:07

Instrument :

MSVOA_D

ClientSampleId :

TP3-A

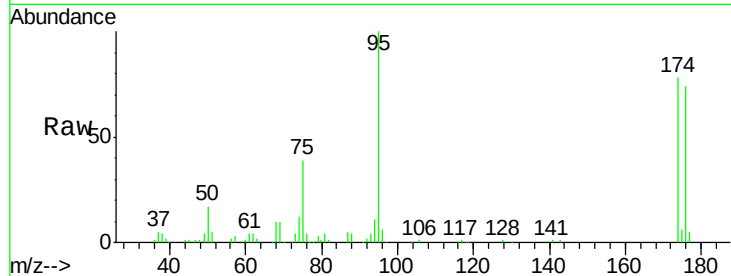
Tot Ion: 95 Resp: 174005

Ion Ratio Lower Upper

95 100

174 78.1 0.0 181.8

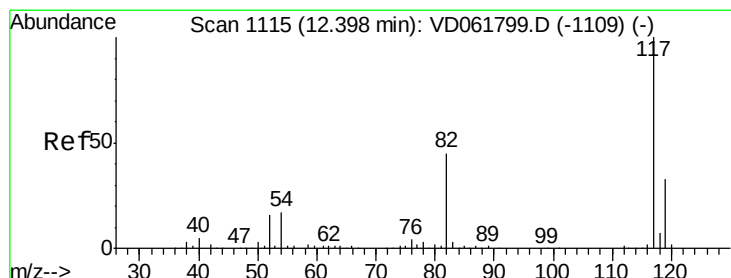
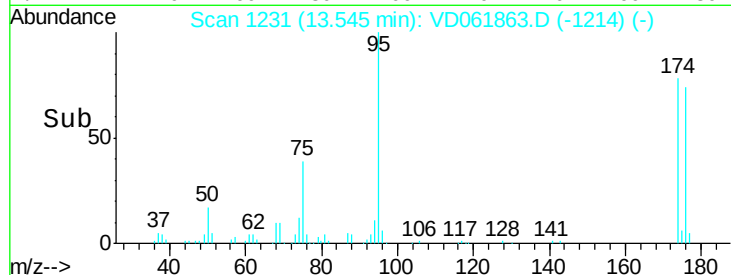
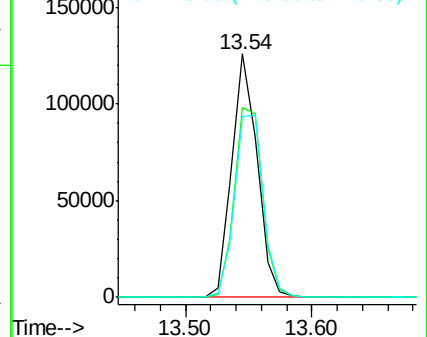
176 74.4 0.0 174.4



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: 12.35 min Scan# 1110

Delta R.T. -0.04 min

Lab File: VD061863.D

Acq: 17 Apr 2019 20:07

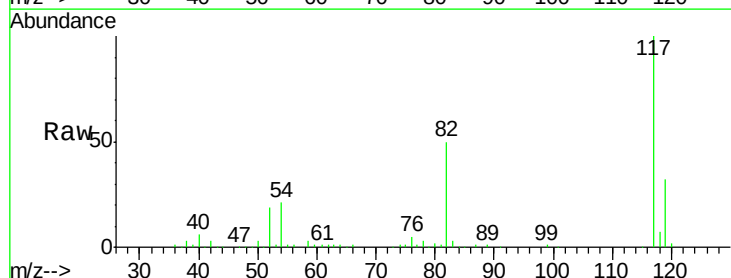
Tgt Ion: 117 Resp: 540578

Ion Ratio Lower Upper

117 100

82 49.6 36.2 54.2

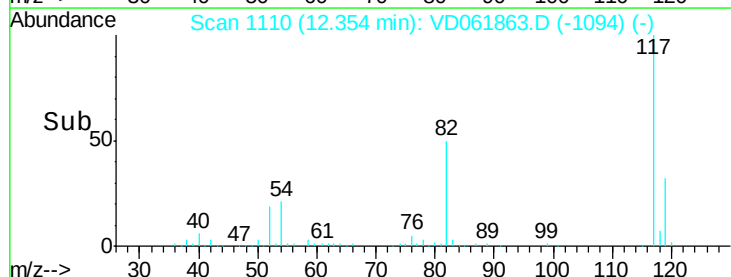
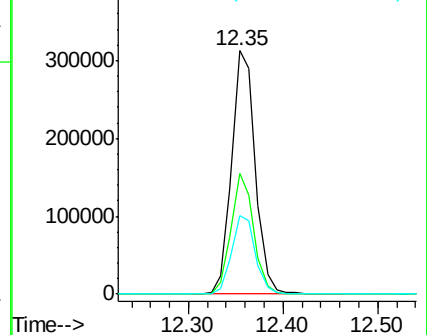
119 32.3 26.2 39.4

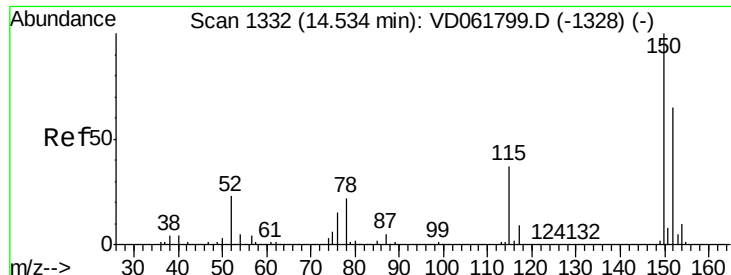


Abundance Ion 116.95 (116.65 to 117.65): V

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# 1329

Delta R.T. -0.02 min

Lab File: VD061863.D

Acq: 17 Apr 2019 20:07

Instrument :

MSVOA_D

ClientSampleId :

TP3-A

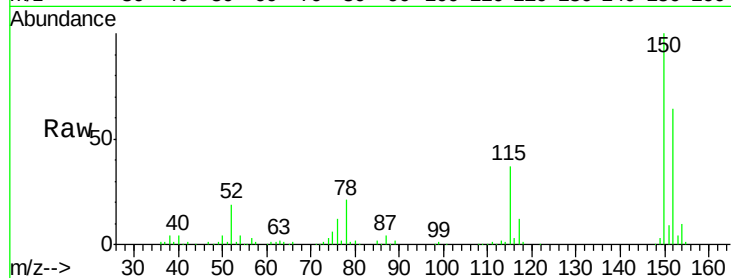
Tot Ion:152 Resp: 217387

Ion Ratio Lower Upper

152 100

115 58.3 30.9 92.7

150 157.1 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

