

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041719\
 Data File : VD061864.D
 Acq On : 17 Apr 2019 20:36
 Operator : VA/AP
 Sample : K2423-13RE
 Misc : 5.15g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP4-ARE

Quant Time: Apr 18 01:33:46 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

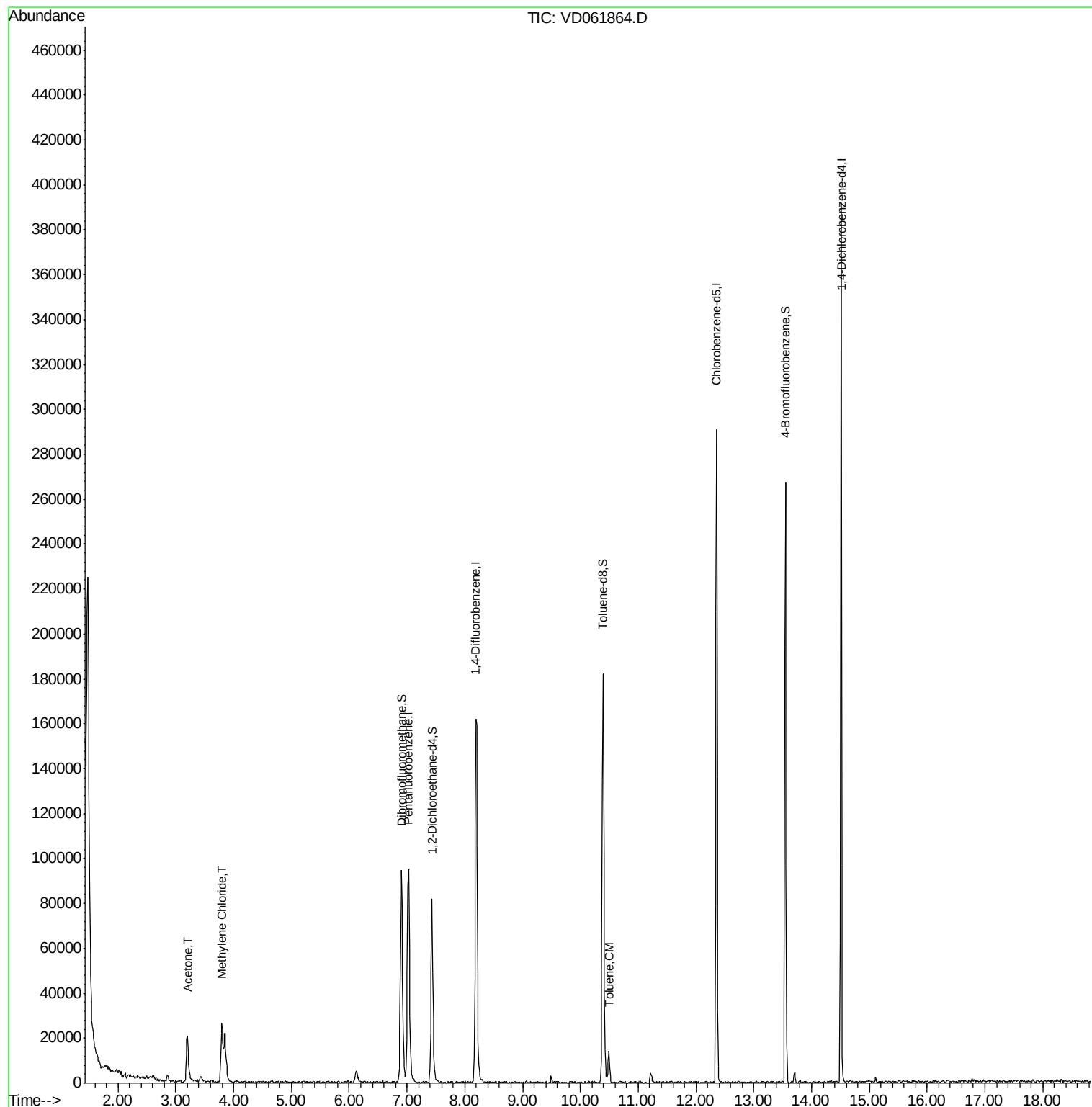
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	104566	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	8.20	114	199846	50.00	ug/l	-0.06
63) Chlorobenzene-d5	12.36	117	171229	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	14.51	152	98245	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	79069	90.22	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	180.44%	
35) Dibromofluoromethane	6.90	113	88181	58.40	ug/l	-0.07
Spiked Amount 50.000			Recovery	=	116.80%	
50) Toluene-d8	10.39	98	168540	47.11	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	94.22%	
62) 4-Bromofluorobenzene	13.55	95	82065	56.60	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	113.20%	
Target Compounds						
16) Acetone	3.19	43	38962	180.388	ug/l	98
20) Methylene Chloride	3.79	84	21541	17.040	ug/l	95
52) Toluene	10.49	92	8373	3.333	ug/l	98

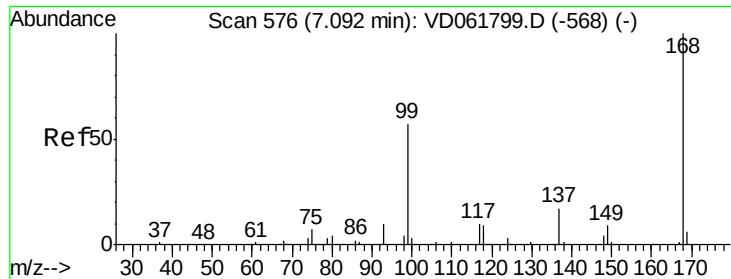
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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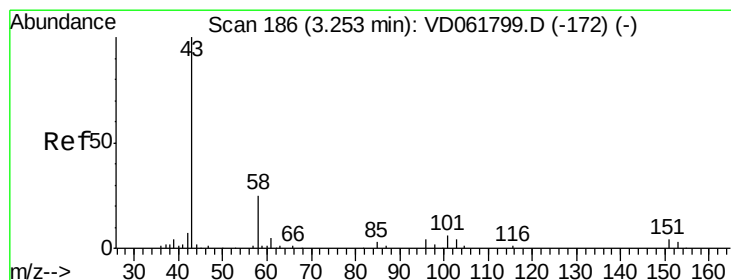
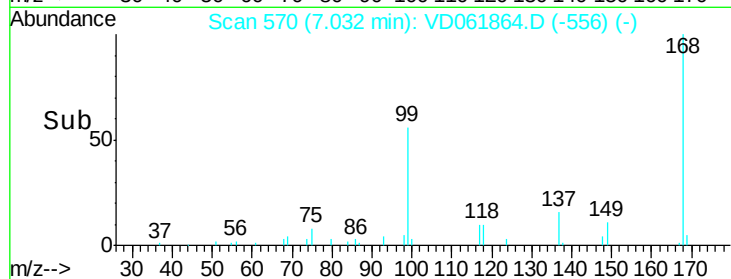
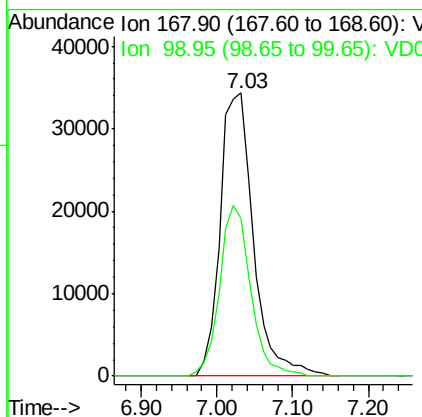
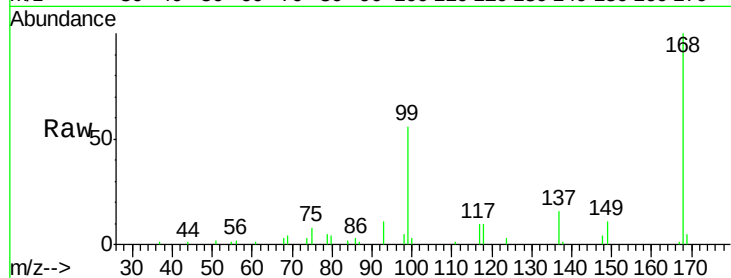




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.06 min
Lab File: VD061864.D
Acq: 17 Apr 2019 20:36

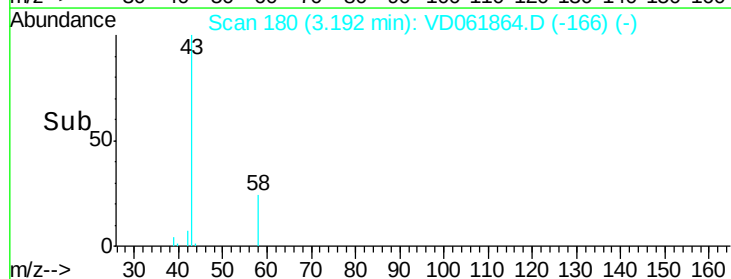
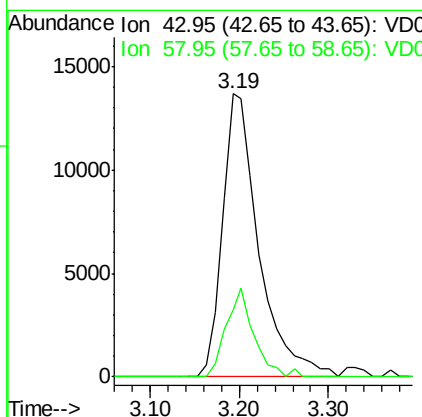
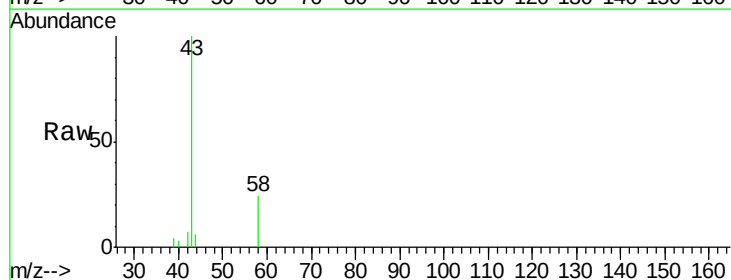
Instrument :
MSVOA_D
ClientSampleId :
TP4-ARE

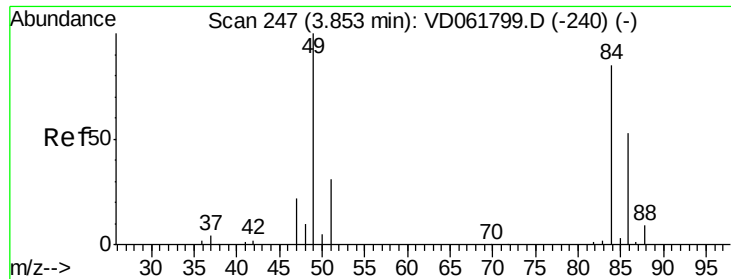
Tot Ion:168 Resp: 104566
Ion Ratio Lower Upper
168 100
99 56.0 46.5 69.7



#16
Acetone
Concen: 180.388 ug/l
RT: 3.19 min Scan# 180
Delta R.T. -0.06 min
Lab File: VD061864.D
Acq: 17 Apr 2019 20:36

Tgt Ion: 43 Resp: 38962
Ion Ratio Lower Upper
43 100
58 23.8 19.9 29.9

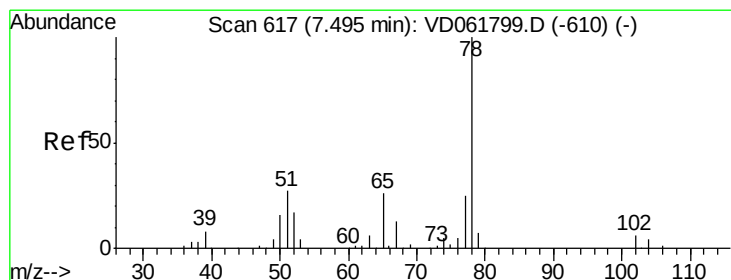
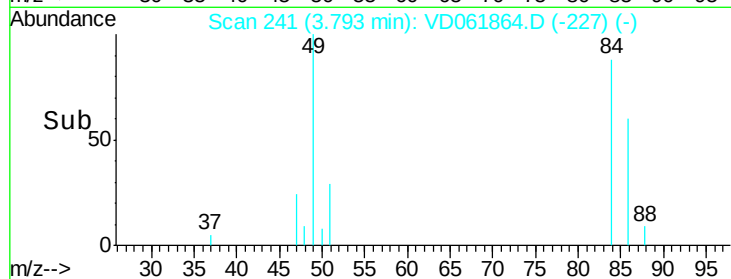
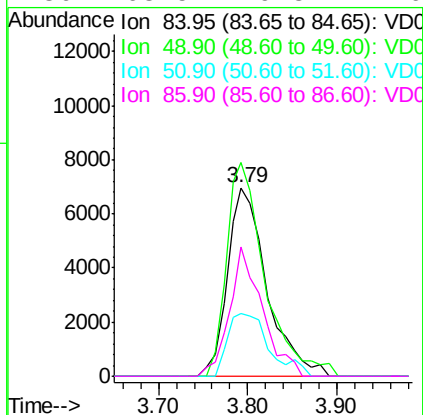
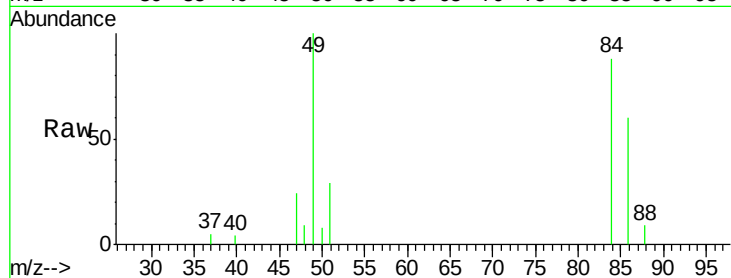




#20
Methylene Chloride
Concen: 17.040 ug/l
RT: 3.79 min Scan# 241
Delta R.T. -0.06 min
Lab File: VD061864.D
Acq: 17 Apr 2019 20:36

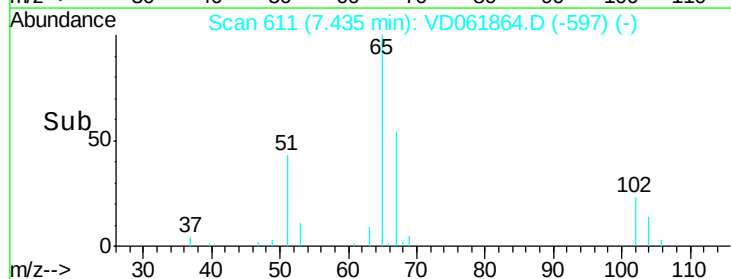
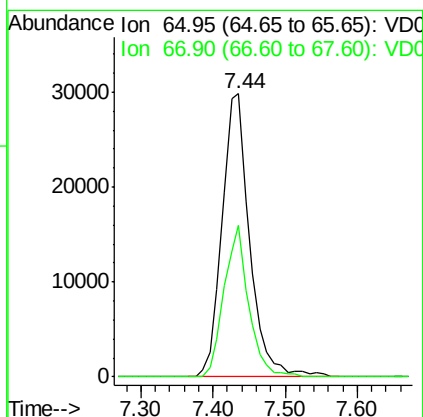
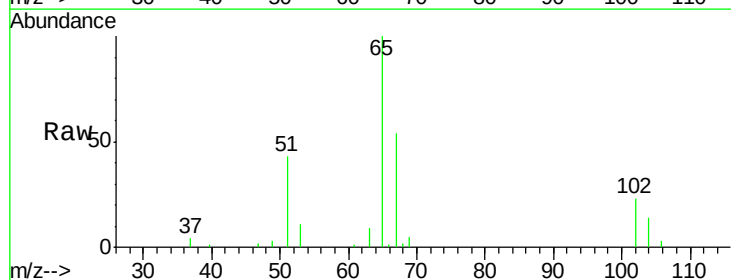
Instrument :
MSVOA_D
ClientSampleId :
TP4-ARE

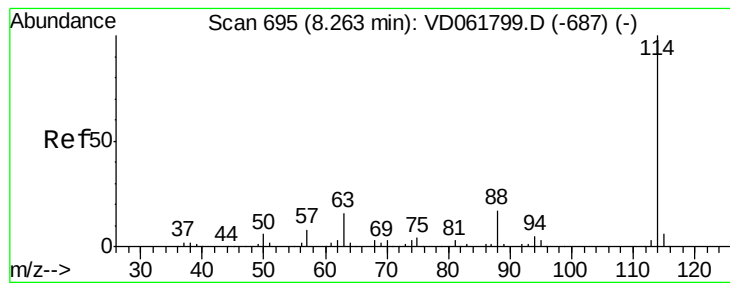
Tot Ion:	84	Resp:	21541
Ion	Ratio	Lower	Upper
84	100		
49	113.3	94.0	141.0
51	33.3	29.0	43.4
86	68.5	49.8	74.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.06 min
Lab File: VD061864.D
Acq: 17 Apr 2019 20:36

Tgt Ion:	65	Resp:	79069
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 689

Delta R.T. -0.06 min

Lab File: VD061864.D

Acq: 17 Apr 2019 20:36

Instrument :

MSVOA_D

ClientSampleId :

TP4-ARE

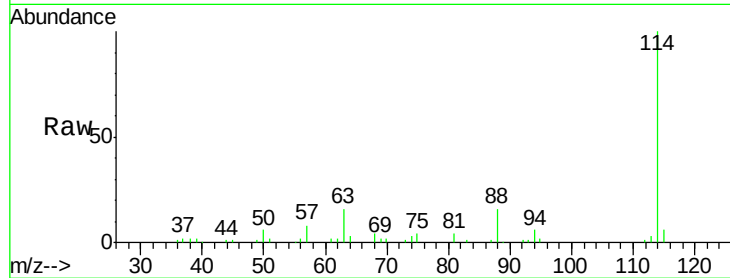
Tot Ion:114 Resp: 199846

Ion Ratio Lower Upper

114 100

63 16.2 0.0 32.4

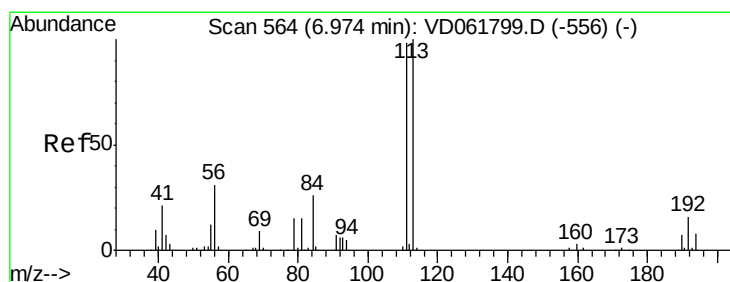
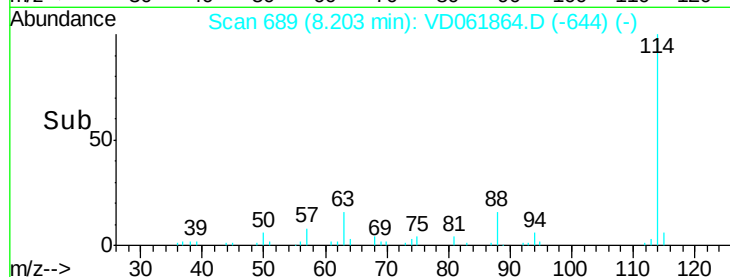
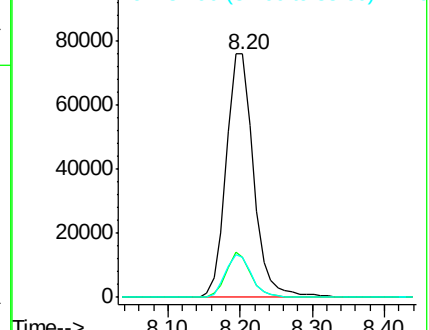
88 16.3 0.0 33.6



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: 6.90 min Scan# 557

Delta R.T. -0.07 min

Lab File: VD061864.D

Acq: 17 Apr 2019 20:36

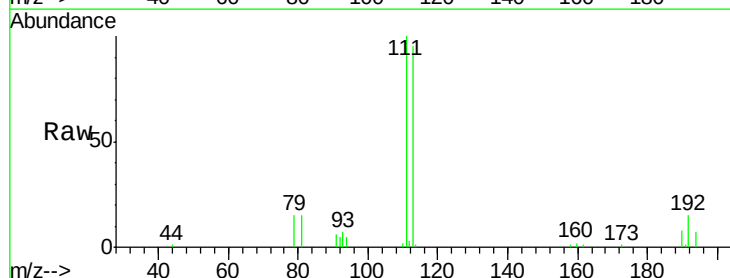
Tgt Ion:113 Resp: 88181

Ion Ratio Lower Upper

113 100

111 104.8 78.5 117.7

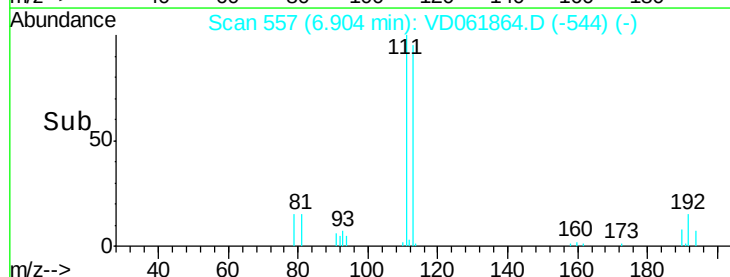
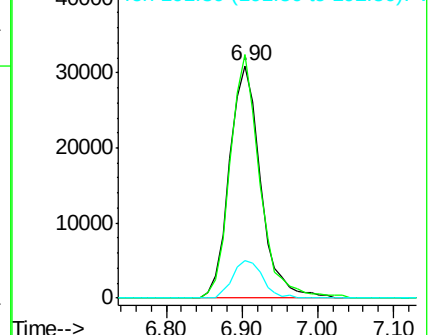
192 16.1 13.0 19.4

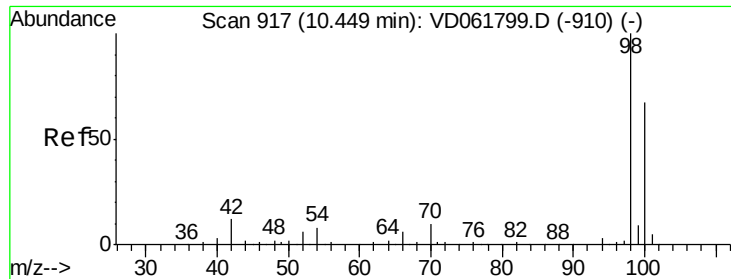


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

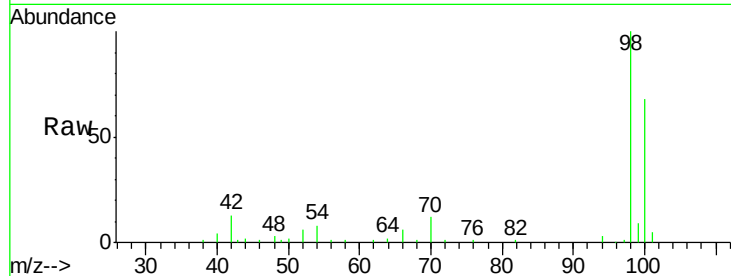




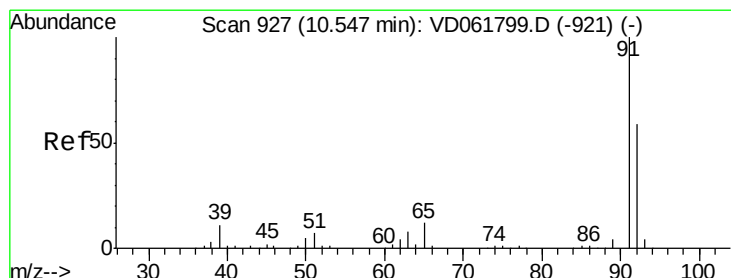
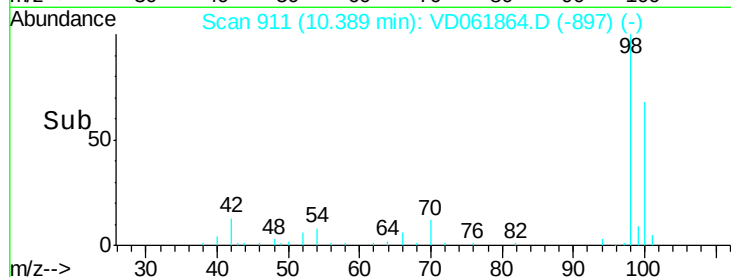
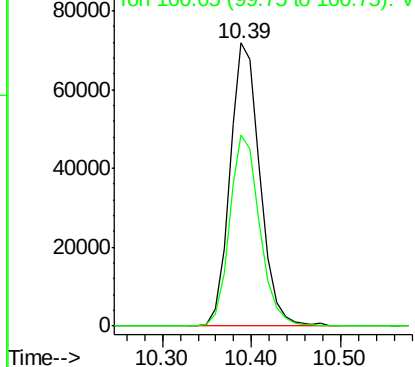
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.06 min
Lab File: VD061864.D
Acq: 17 Apr 2019 20:36

Instrument :
MSVOA_D
ClientSampleId :
TP4-ARE

Tot Ion: 98 Resp: 168540
Ion Ratio Lower Upper
98 100
100 67.5 53.8 80.8

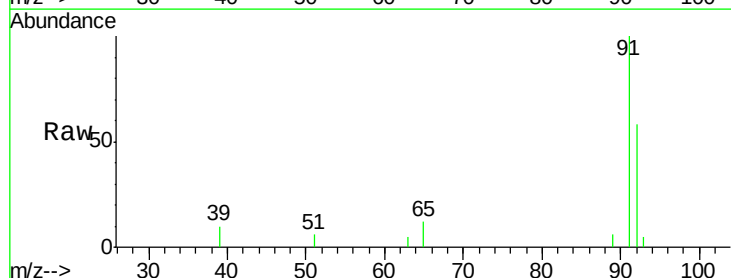


Abundance Ion 98.05 (97.75 to 98.75): VD061799.D (-910) (-)
Ion 100.05 (99.75 to 100.75): VD061799.D (-910) (-)

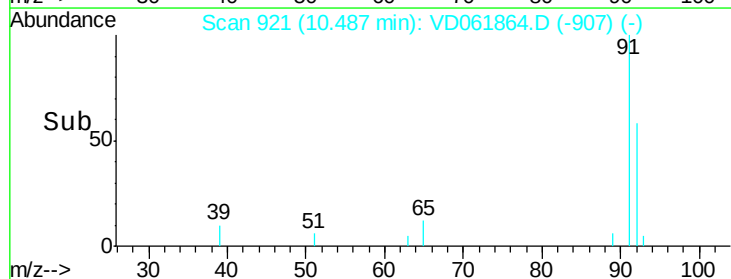
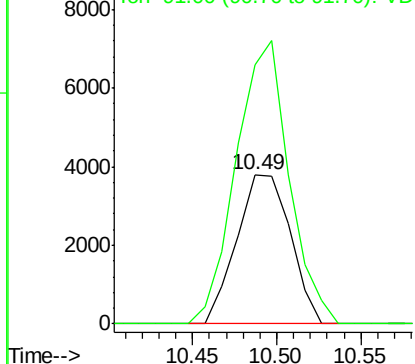


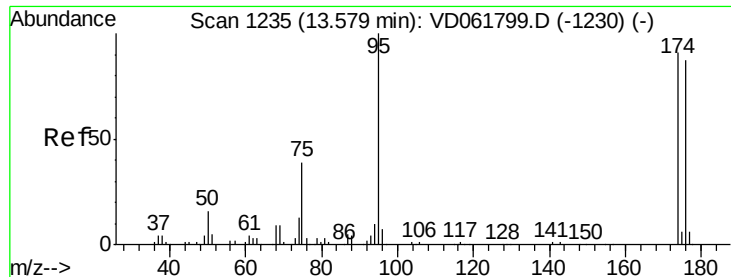
#52
Toluene
Concen: 3.333 ug/l
RT: 10.49 min Scan# 921
Delta R.T. -0.06 min
Lab File: VD061864.D
Acq: 17 Apr 2019 20:36

Tgt Ion: 92 Resp: 8373
Ion Ratio Lower Upper
92 100
91 173.1 136.6 204.8



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: 13.55 min Scan# 1232

Delta R.T. -0.03 min

Lab File: VD061864.D

Acq: 17 Apr 2019 20:36

Instrument :

MSVOA_D

ClientSampleId :

TP4-ARE

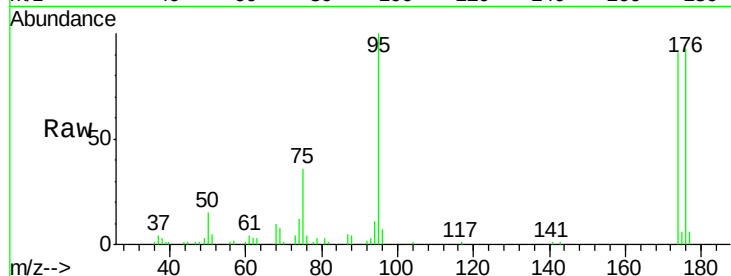
Tot Ion: 95 Resp: 82065

Ion Ratio Lower Upper

95 100

174 91.0 0.0 181.8

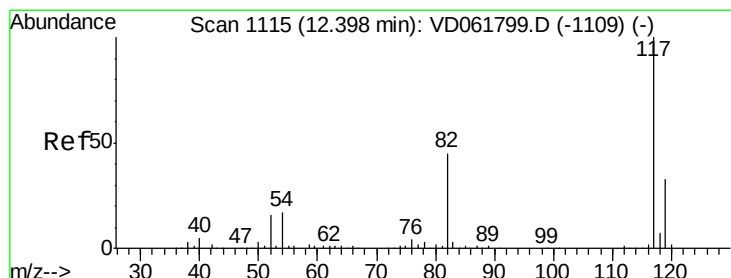
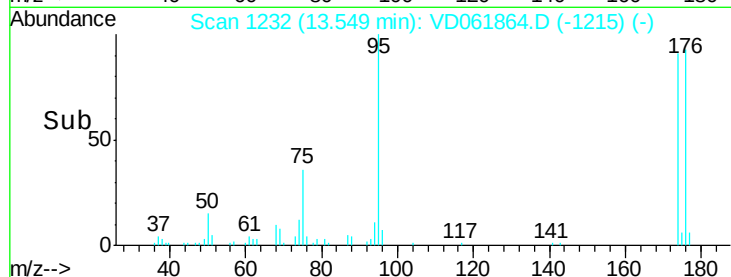
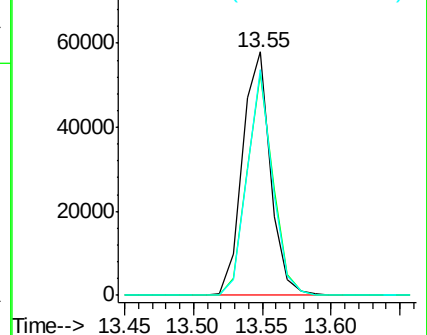
176 92.9 0.0 174.4



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: VD061864.D

Acq: 17 Apr 2019 20:36

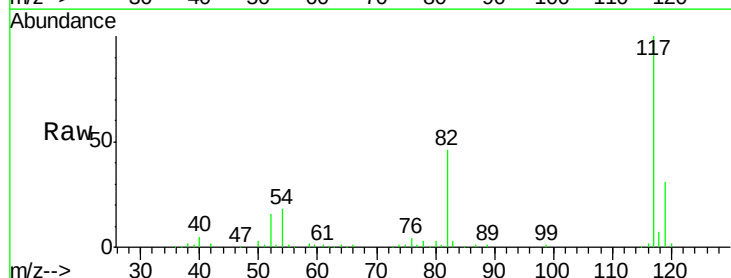
Tgt Ion: 117 Resp: 171229

Ion Ratio Lower Upper

117 100

82 46.1 36.2 54.2

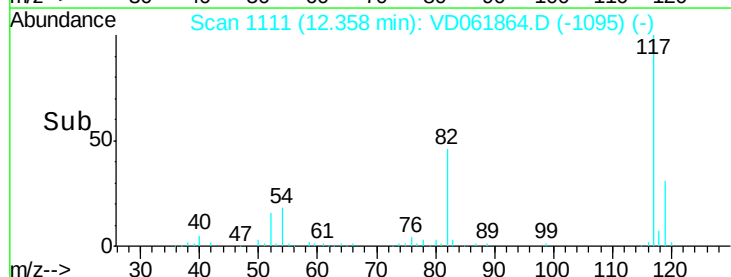
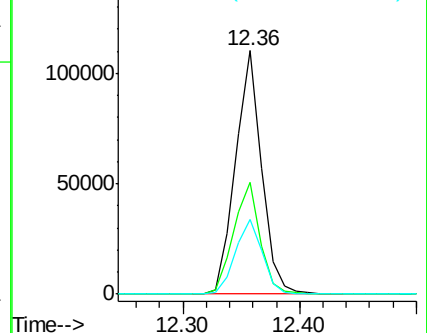
119 30.8 26.2 39.4

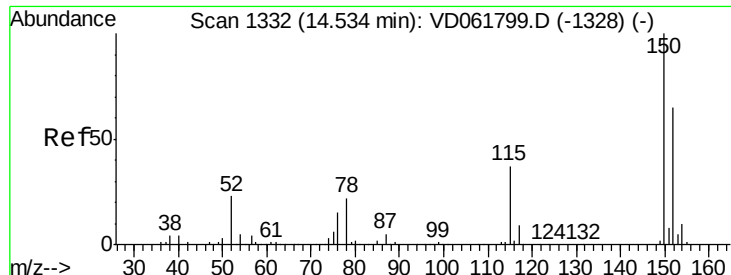


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

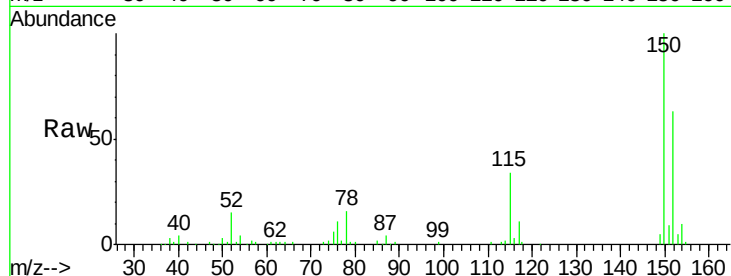




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.02 min
 Lab File: VD061864.D
 Acq: 17 Apr 2019 20:36

Instrument :
 MSVOA_D
 ClientSampleId :
 TP4-ARE

Tot Ion:152 Resp: 98245
 Ion Ratio Lower Upper
 152 100
 115 54.2 30.9 92.7
 150 158.3 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

