

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
 Data File : VD058308.D
 Acq On : 22 Jun 2018 20:44
 Operator : VA/AP
 Sample : J3663-11
 Misc : 5.51g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB470-25-27-180618

Quant Time: Jun 22 23:36:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1159742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	1492458	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	1151642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	599806	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	558698	47.69	ug/l	0.00
Spiked Amount						
			Recovery	=	95.38%	
35) Dibromofluoromethane	5.54	113	641030	52.77	ug/l	0.00
Spiked Amount						
			Recovery	=	105.54%	
50) Toluene-d8	8.70	98	1541497	52.45	ug/l	0.00
Spiked Amount						
			Recovery	=	104.90%	
62) 4-Bromofluorobenzene	11.93	95	629231	52.41	ug/l	0.00
Spiked Amount						
			Recovery	=	104.82%	

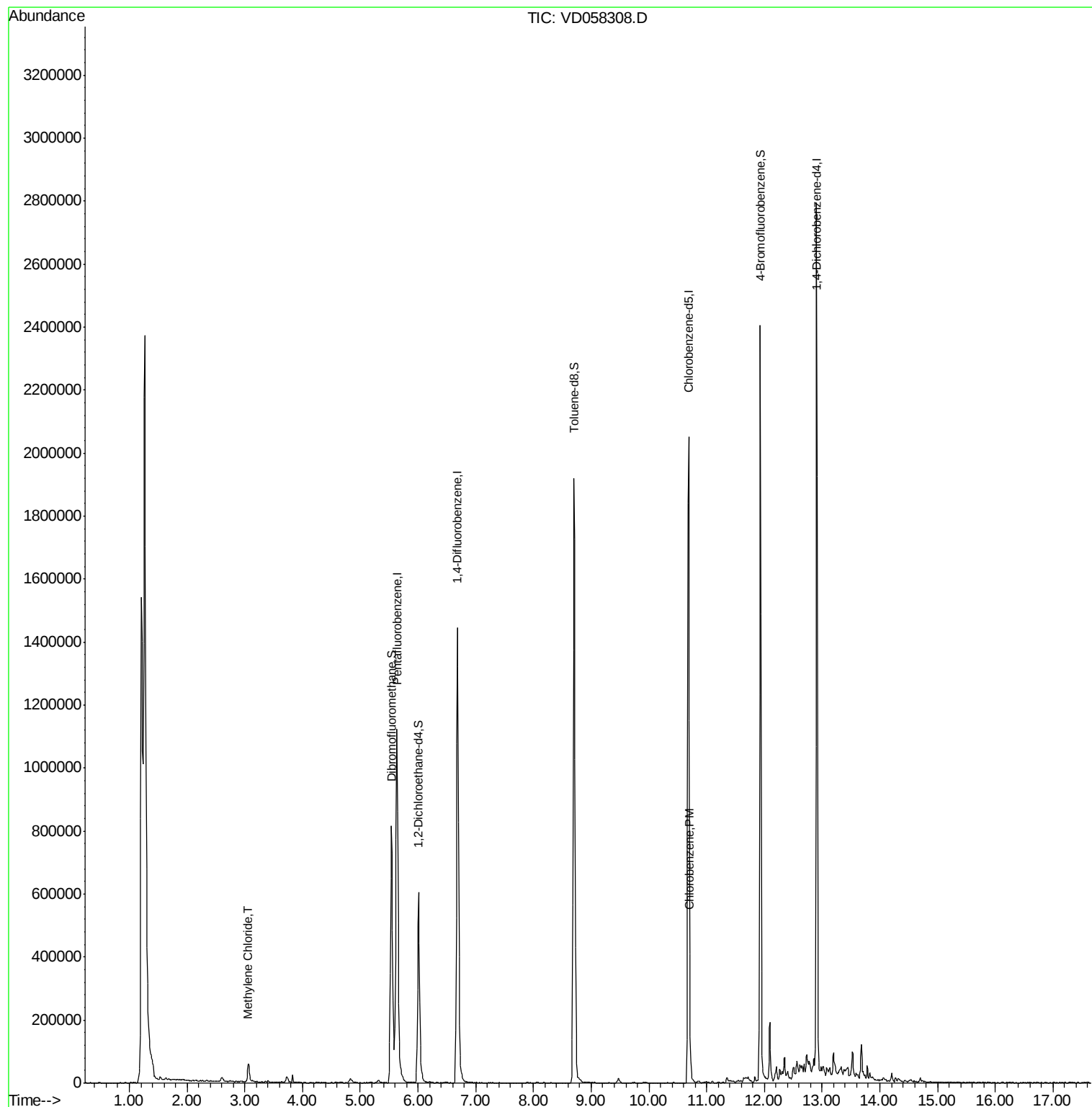
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.06	84	26875	1.84	ug/l	89
65) Chlorobenzene	10.72	112	29547	1.37	ug/l	# 87

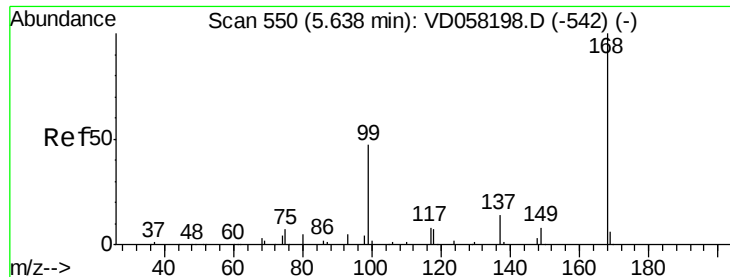
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. 0.00 min

Lab File: VD058308.D

Acq: 22 Jun 2018 20:44

Instrument :

MSVOA_D

ClientSampleId :

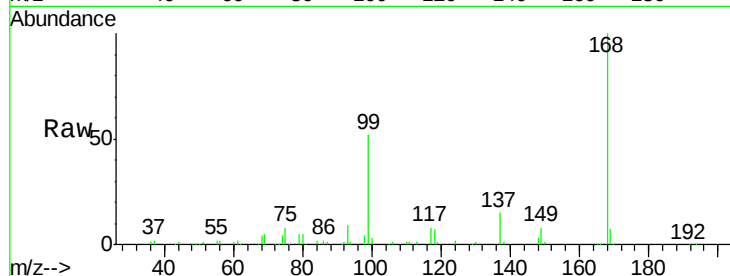
WP021SB470-25-27-180618

Tot Ion:168 Resp: 1159742

Ion Ratio Lower Upper

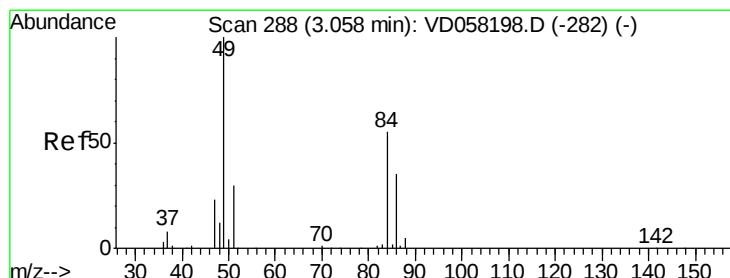
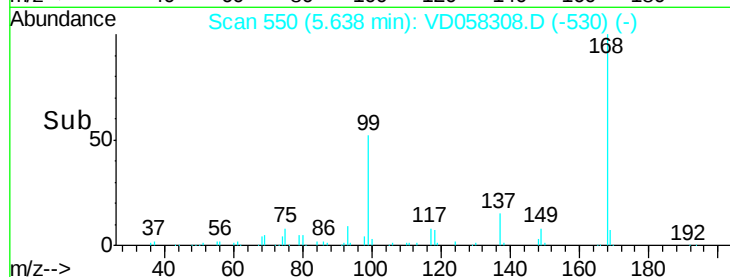
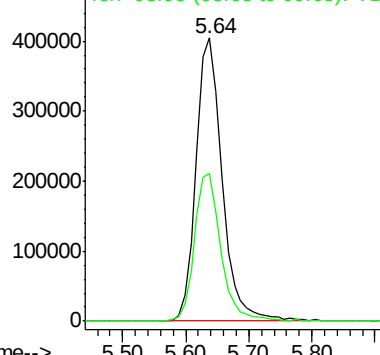
168 100

99 52.2 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 1.84 ug/l

RT: 3.06 min Scan# 288

Delta R.T. 0.00 min

Lab File: VD058308.D

Acq: 22 Jun 2018 20:44

Tgt Ion: 84 Resp: 26875

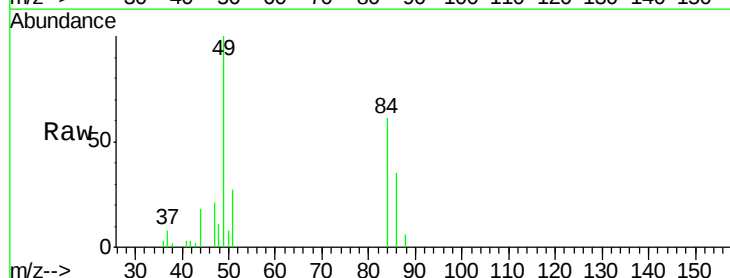
Ion Ratio Lower Upper

84 100

49 163.4 145.0 217.6

51 44.4 42.9 64.3

86 56.9 50.1 75.1

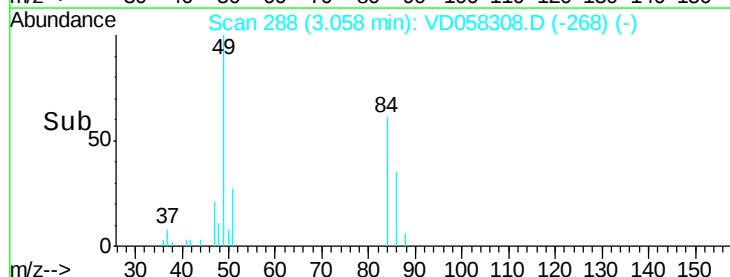
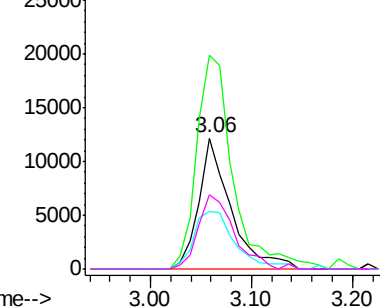


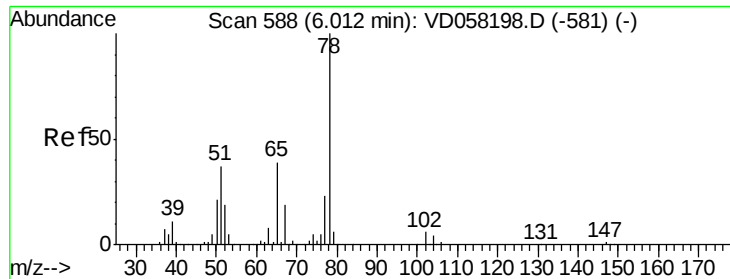
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

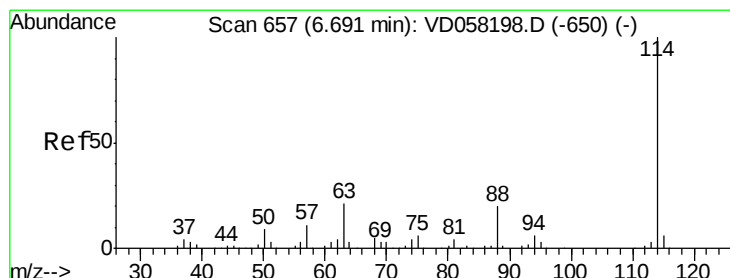
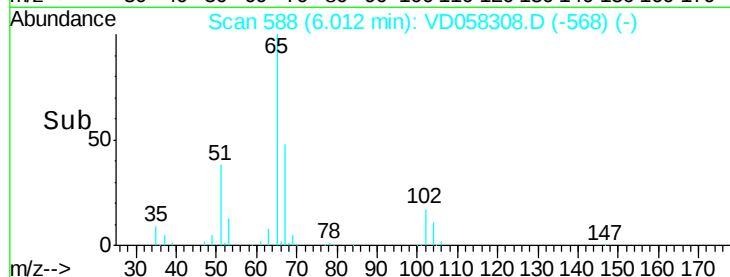
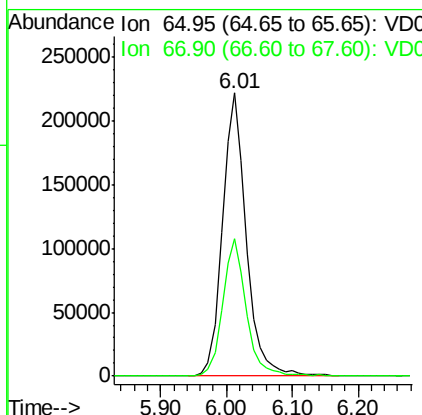
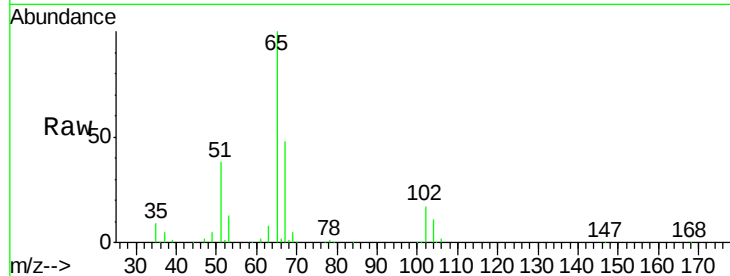




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.01 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: VD058308.D
 Acq: 22 Jun 2018 20:44

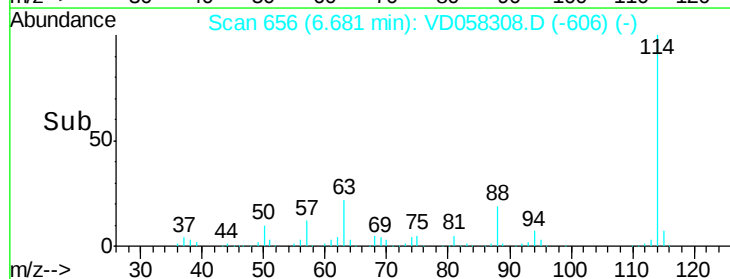
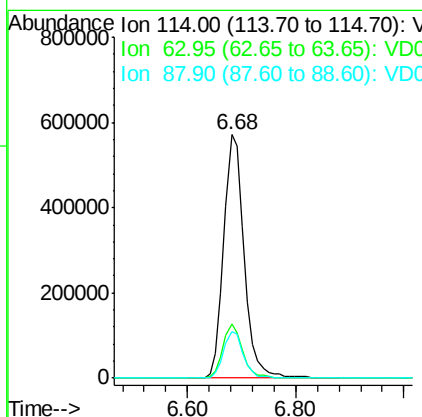
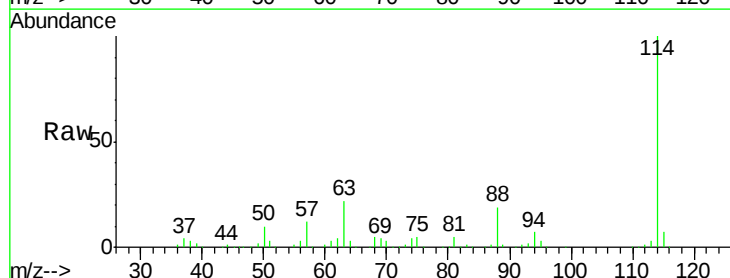
Instrument :
 MSVOA_D
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 WP021SB470-25-27-180618

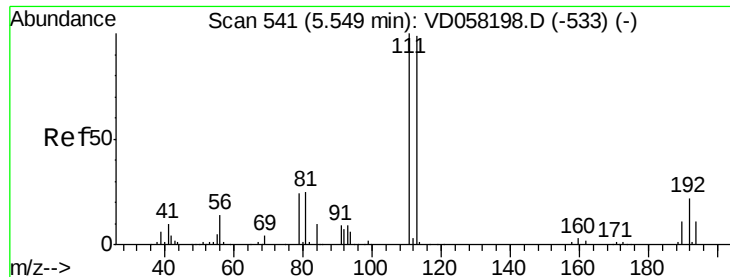
Tot Ion: 65 Resp: 558698
 Ion Ratio Lower Upper
 65 100
 67 48.5 0.0 97.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VD058308.D
 Acq: 22 Jun 2018 20:44

Tgt Ion: 114 Resp: 1492458
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 42.6
 88 19.2 0.0 40.6

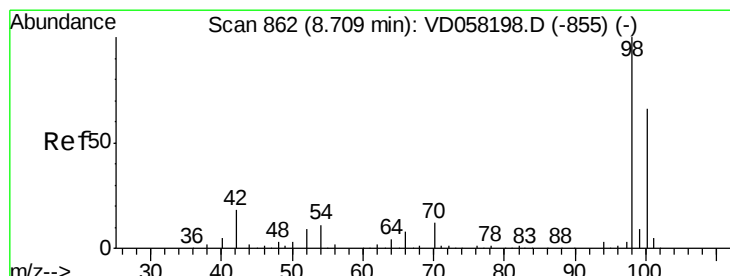
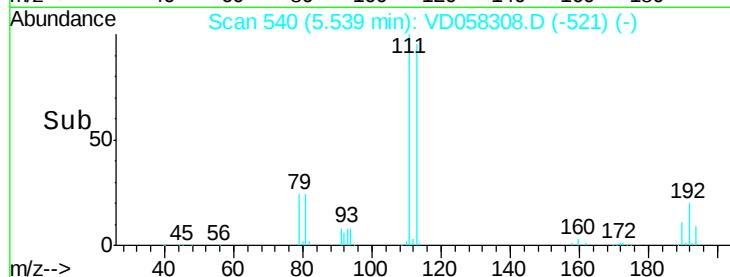
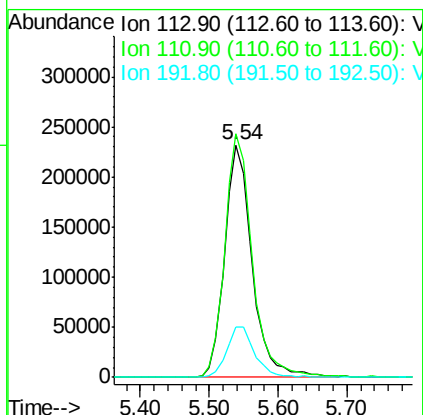
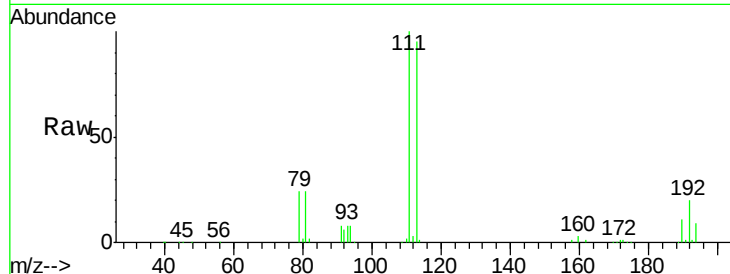




#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.54 min Scan# 540
Delta R.T. -0.01 min
Lab File: VD058308.D
Acq: 22 Jun 2018 20:44

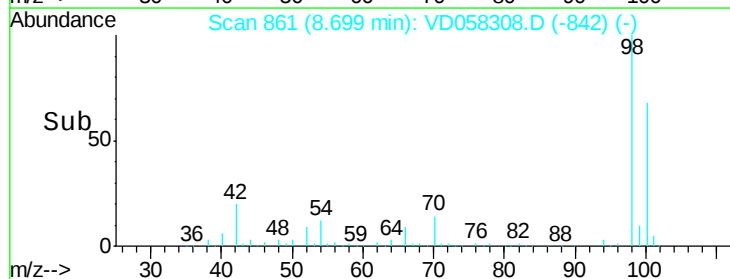
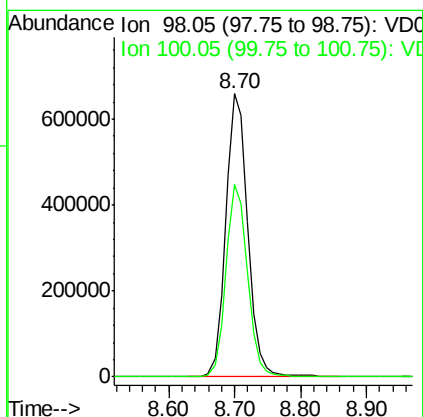
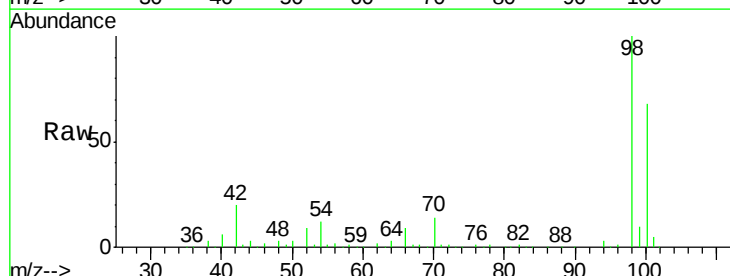
Instrument :
MSVOA_D
ClientSampleId :
WP021SB470-25-27-180618

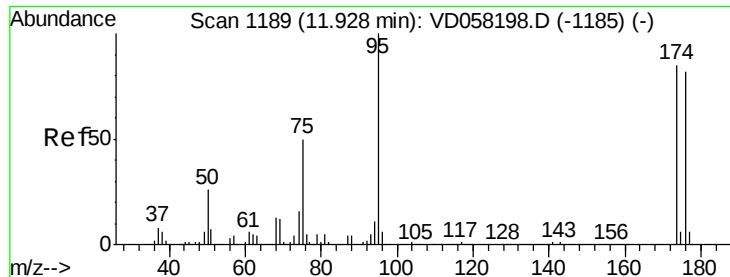
Tot Ion:113 Resp: 641030
Ion Ratio Lower Upper
113 100
111 104.9 80.6 121.0
192 21.5 17.8 26.6



#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD058308.D
Acq: 22 Jun 2018 20:44

Tgt Ion: 98 Resp: 1541497
Ion Ratio Lower Upper
98 100
100 68.2 53.6 80.4





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VD058308.D

Acq: 22 Jun 2018 20:44

Instrument :

MSVOA_D

ClientSampleId :

WP021SB470-25-27-180618

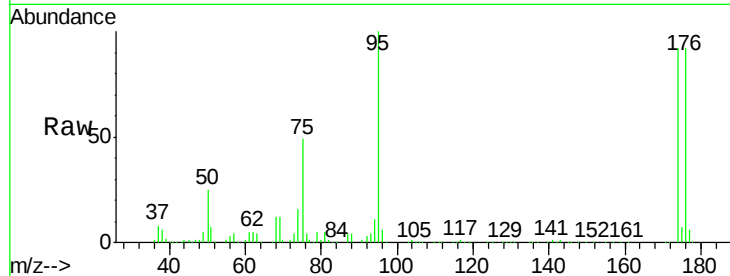
Tot Ion: 95 Resp: 629231

Ion Ratio Lower Upper

95 100

174 91.7 0.0 170.2

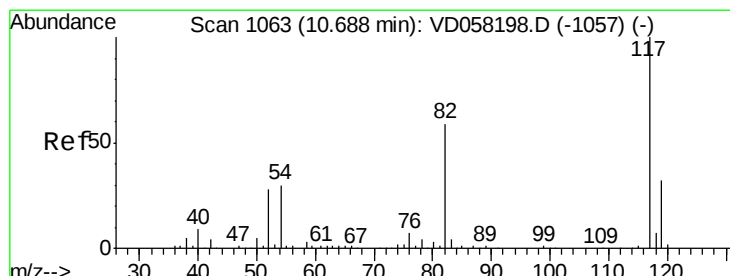
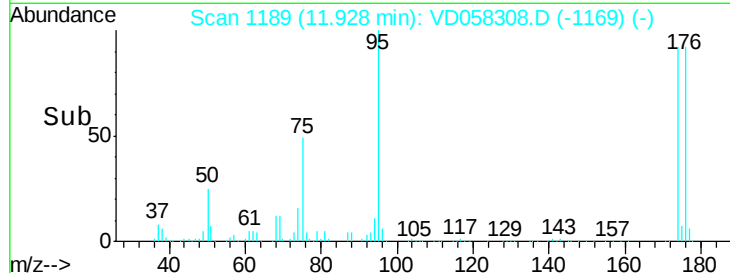
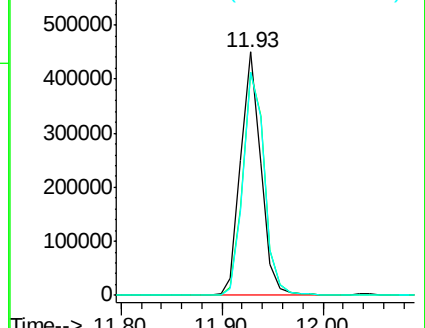
176 91.5 0.0 164.6



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: 50.00 ug/l

RT: 10.69 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VD058308.D

Acq: 22 Jun 2018 20:44

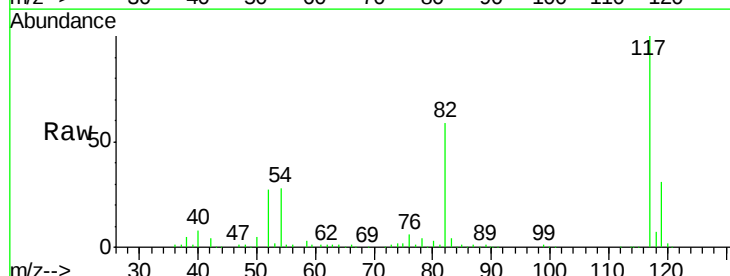
Tgt Ion: 117 Resp: 1151642

Ion Ratio Lower Upper

117 100

82 58.9 47.0 70.6

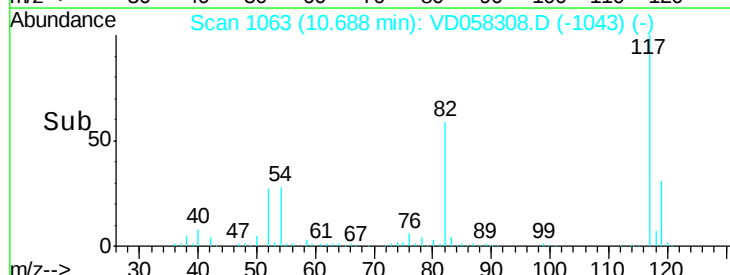
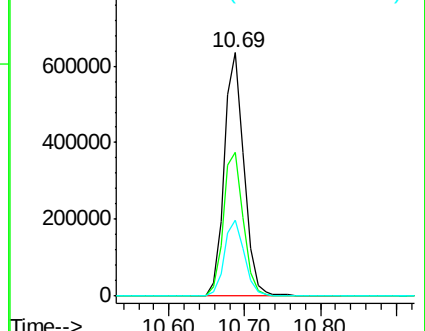
119 31.0 25.3 37.9

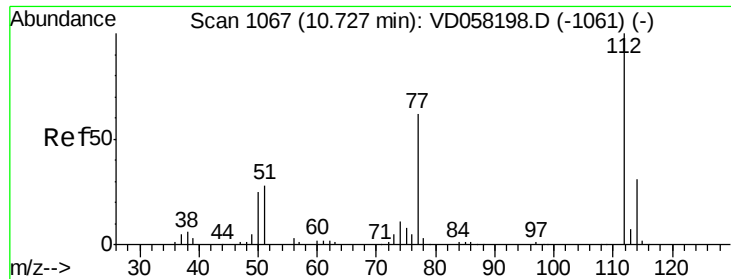


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

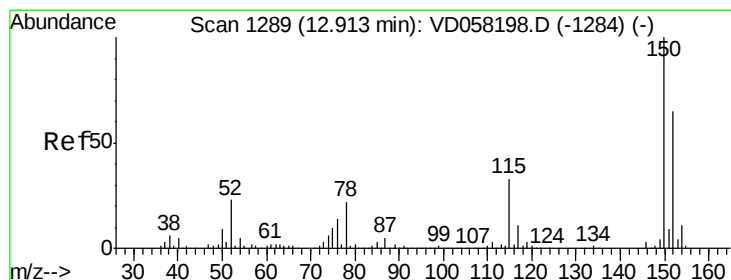
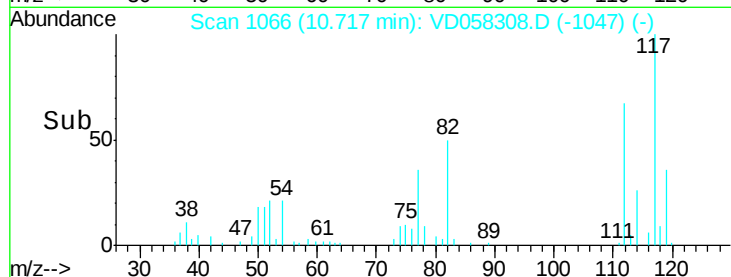
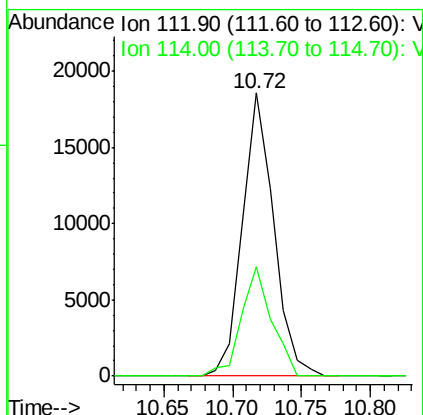
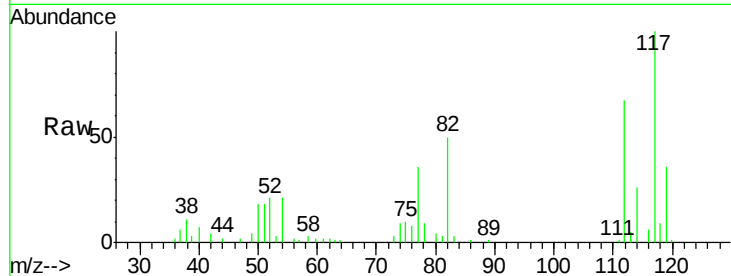




#65
 Chlorobenzene
 Concen: 1.37 ug/l
 RT: 10.72 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: VD058308.D
 Acq: 22 Jun 2018 20:44

Instrument :
 MSVOA_D
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 WP021SB470-25-27-180618

Tot Ion:112 Resp: 29547
 Ion Ratio Lower Upper
 112 100
 114 38.5 25.0 37.4#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.90 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VD058308.D
 Acq: 22 Jun 2018 20:44

Tgt Ion:152 Resp: 599806
 Ion Ratio Lower Upper
 152 100
 115 54.6 25.1 75.3
 150 155.4 0.0 308.8

