

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062018\
 Data File : VD058216.D
 Acq On : 20 Jun 2018 18:10
 Operator : VA/AP
 Sample : J3582-03
 Misc : 5.76g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SSP-A-3-GRAB

Quant Time: Jun 21 04:19:30 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	667798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	833577	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	660499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	281455	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	343547	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
35) Dibromofluoromethane	5.55	113	367918	54.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.46%	
50) Toluene-d8	8.71	98	789658	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
62) 4-Bromofluorobenzene	11.93	95	297715	44.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.80%	

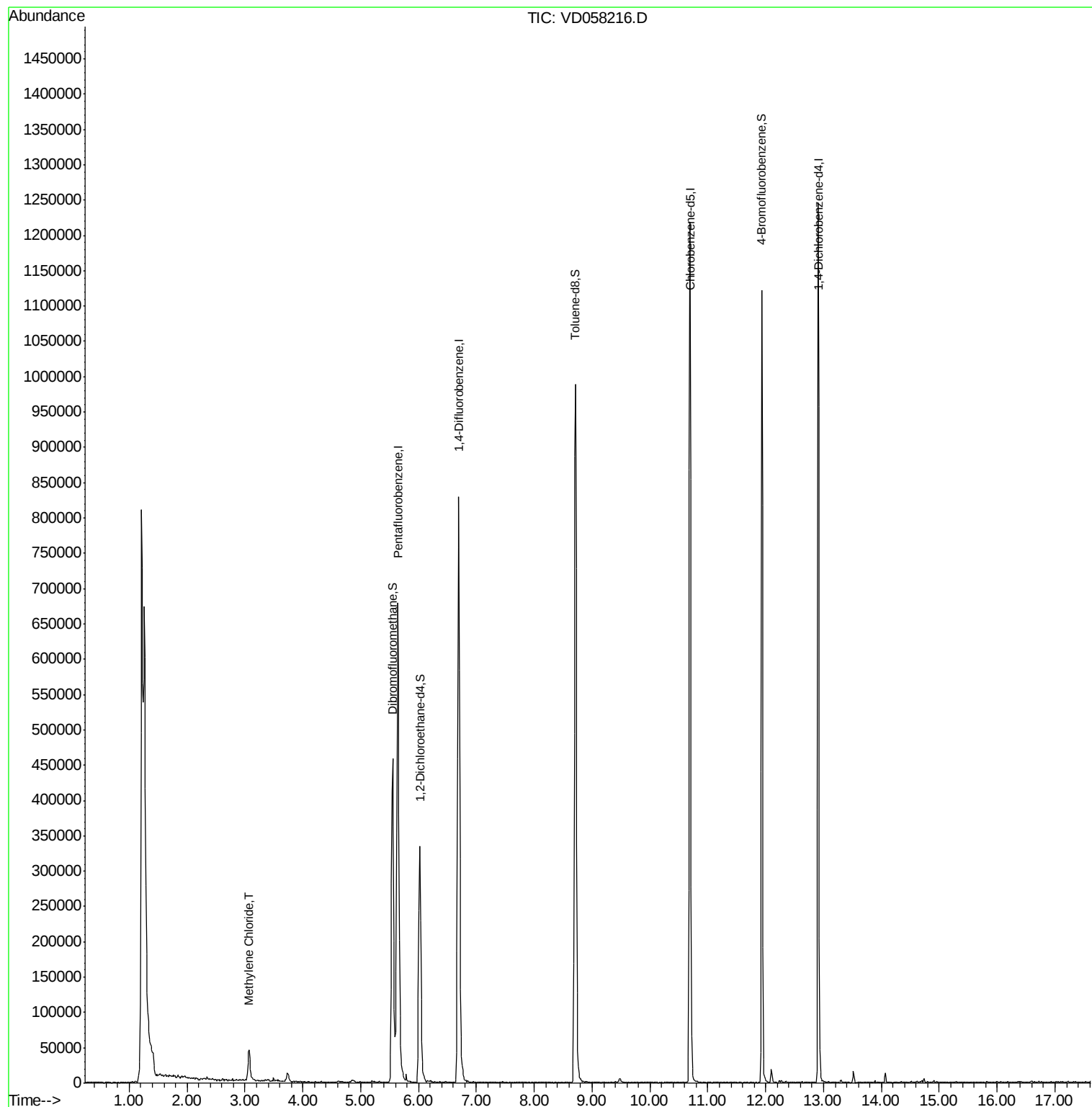
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.07	84	20315	4.06	ug/l	96

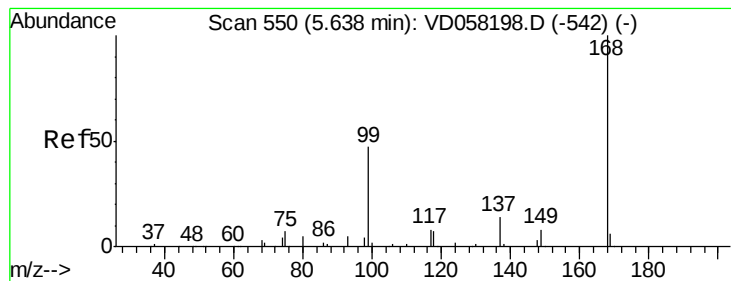
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD058216.D

Acq: 20 Jun 2018 18:10

Instrument :

MSVOA_D

ClientSampleId :

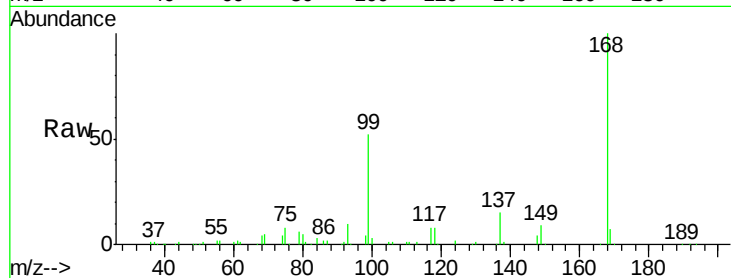
SSP-A-3-GRAB

Tot Ion:168 Resp: 667798

Ion Ratio Lower Upper

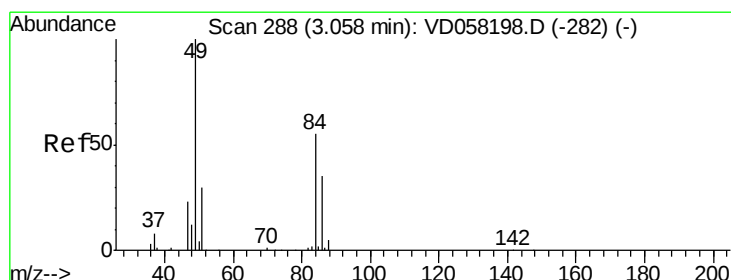
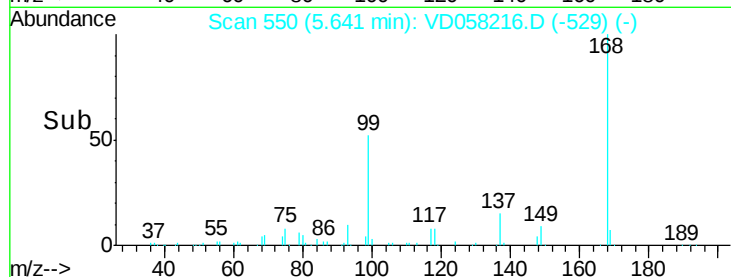
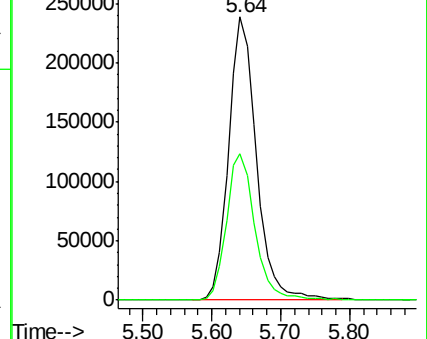
168 100

99 51.8 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: 4.06 ug/l

RT: 3.07 min Scan# 289

Delta R.T. 0.01 min

Lab File: VD058216.D

Acq: 20 Jun 2018 18:10

Tgt Ion: 84 Resp: 20315

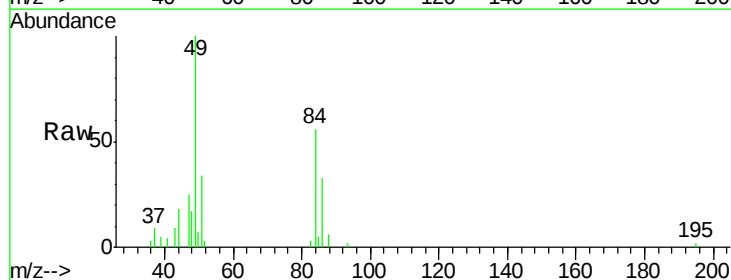
Ion Ratio Lower Upper

84 100

49 177.4 145.0 217.6

51 60.2 42.9 64.3

86 58.8 50.1 75.1

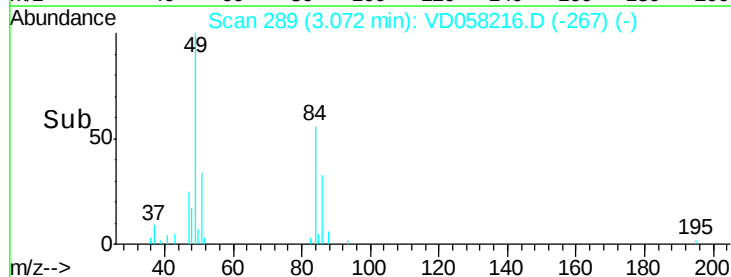
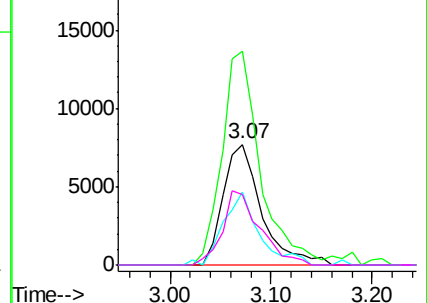


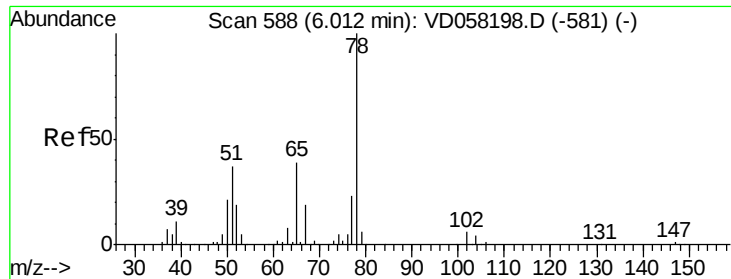
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

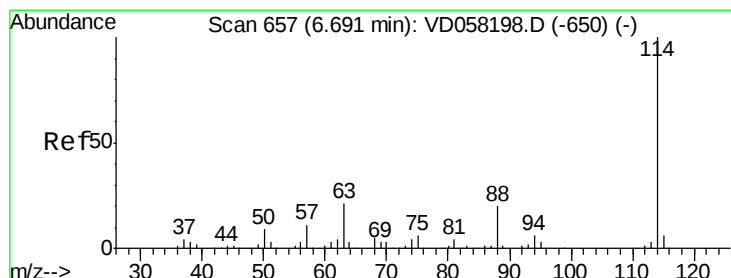
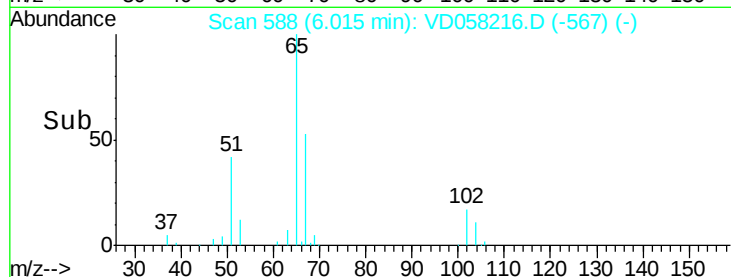
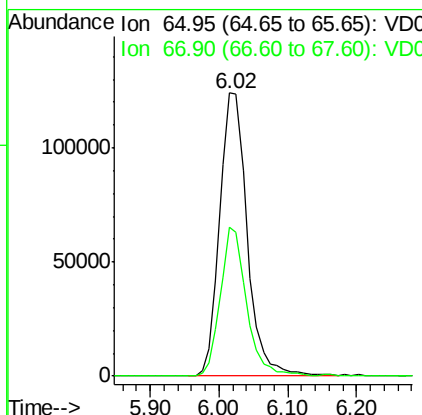
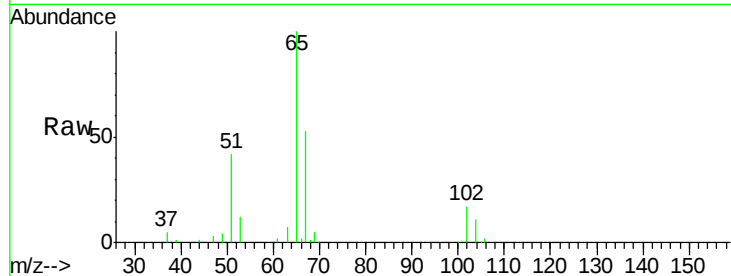




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.02 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: VD058216.D
 Acq: 20 Jun 2018 18:10

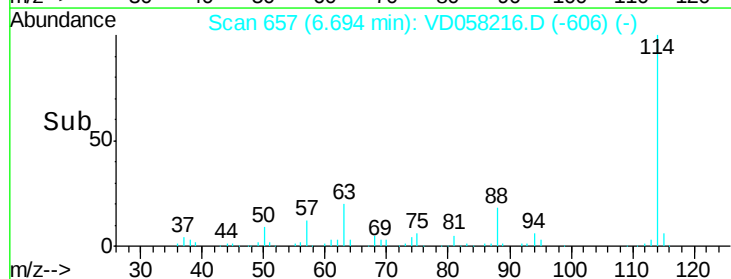
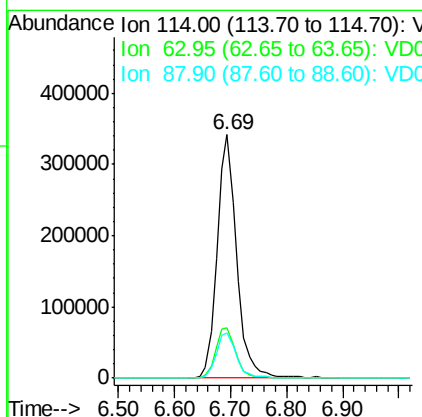
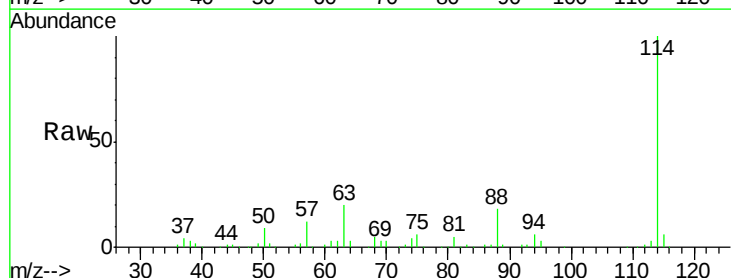
Instrument :
 MSVOA_D
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 SSP-A-3-GRAB

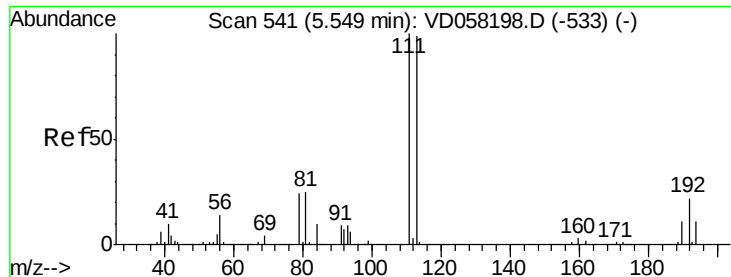
Tot Ion: 65 Resp: 343547
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 97.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: VD058216.D
 Acq: 20 Jun 2018 18:10

Tgt Ion: 114 Resp: 833577
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.6
 88 18.3 0.0 40.6

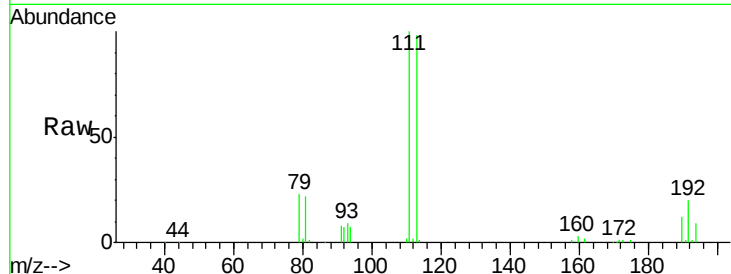




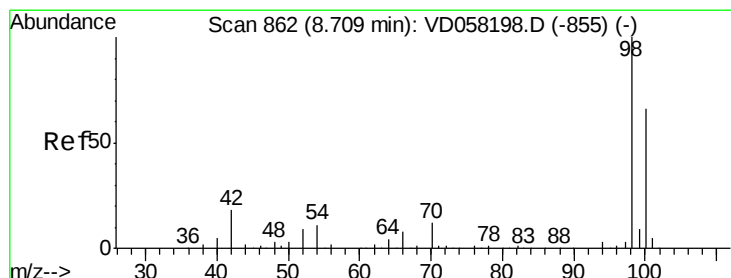
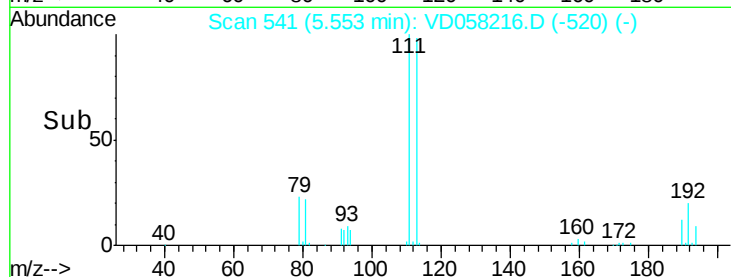
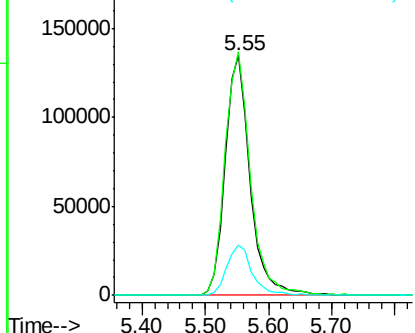
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: VD058216.D
 Acq: 20 Jun 2018 18:10

Instrument :
 MSVOA_D
 ClientSampleId :
 SSP-A-3-GRAB

Tot Ion:113 Resp: 367918
 Ion Ratio Lower Upper
 113 100
 111 101.8 80.6 121.0
 192 20.8 17.8 26.6

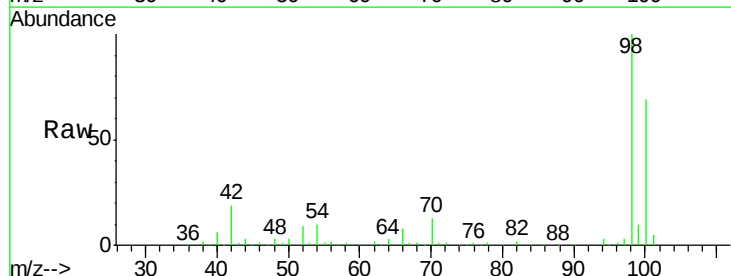


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

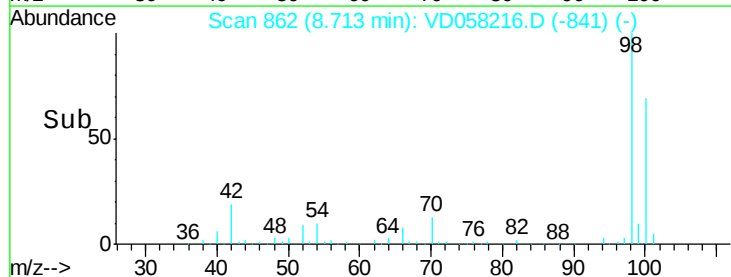
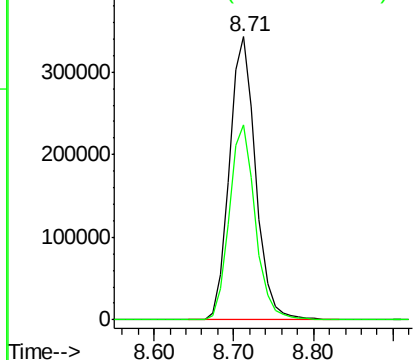


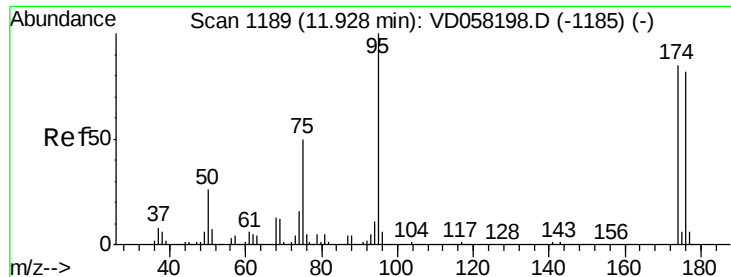
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.71 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VD058216.D
 Acq: 20 Jun 2018 18:10

Tgt Ion: 98 Resp: 789658
 Ion Ratio Lower Upper
 98 100
 100 69.1 53.6 80.4



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

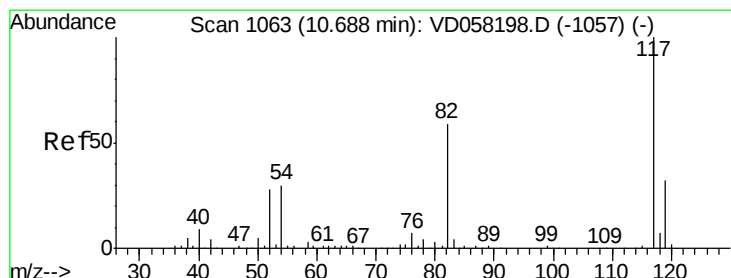
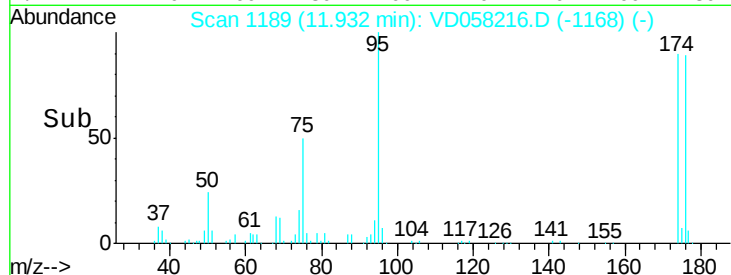
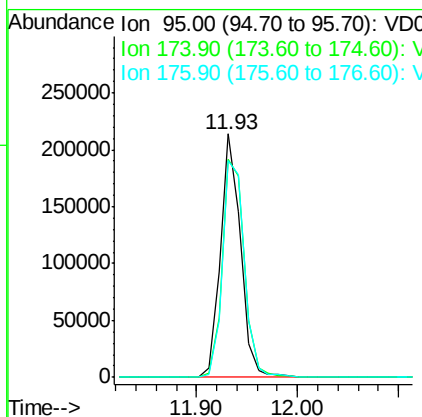
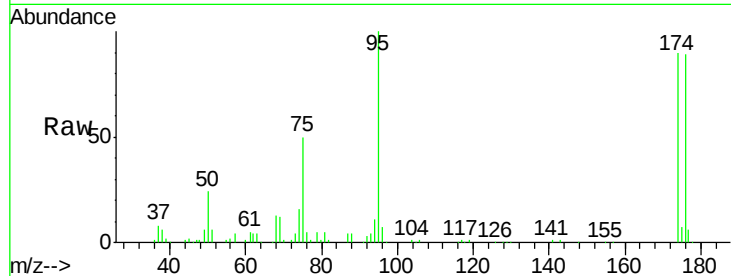




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD058216.D
Acq: 20 Jun 2018 18:10

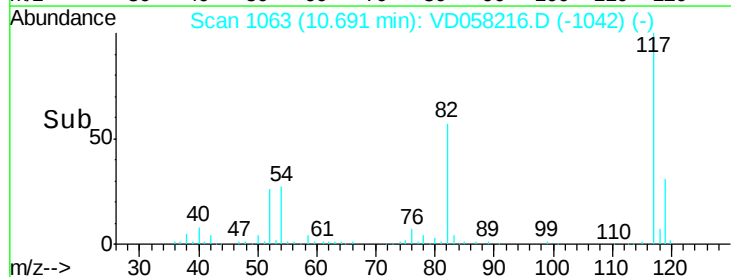
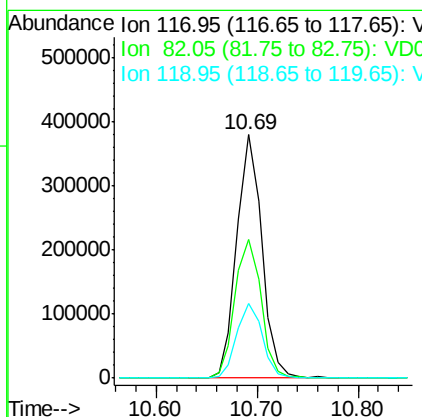
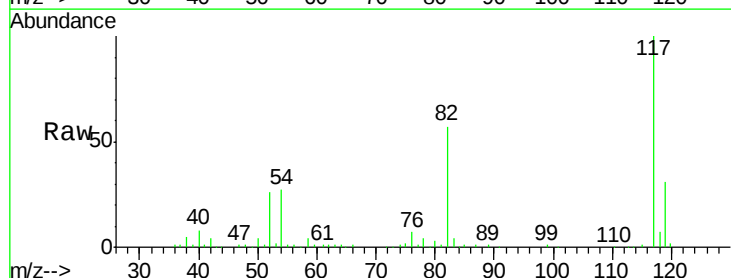
Instrument :
MSVOA_D
ClientSampleId :
SSP-A-3-GRAB

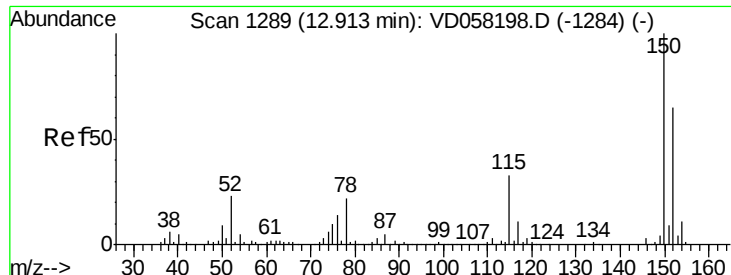
Tot Ion: 95 Resp: 297715
Ion Ratio Lower Upper
95 100
174 89.5 0.0 170.2
176 89.3 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VD058216.D
Acq: 20 Jun 2018 18:10

Tgt Ion: 117 Resp: 660499
Ion Ratio Lower Upper
117 100
82 56.9 47.0 70.6
119 30.8 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.91 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD058216.D

Acq: 20 Jun 2018 18:10

Instrument :

MSVOA_D

ClientSampleId :

SSP-A-3-GRAB

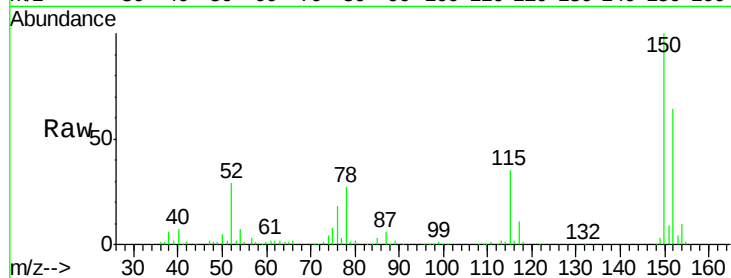
Tot Ion:152 Resp: 281455

Ion Ratio Lower Upper

152 100

115 54.6 25.1 75.3

150 156.8 0.0 308.8



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

