

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062018\
 Data File : VD058219.D
 Acq On : 20 Jun 2018 19:35
 Operator : VA/AP
 Sample : J3582-06
 Misc : 6.78g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jun 21 04:25:51 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	579746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	756628	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	561964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	205049	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	328795	56.15	ug/l	0.00
Spiked Amount			Recovery	=	112.30%	
35) Dibromofluoromethane	5.55	113	302931	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	
50) Toluene-d8	8.71	98	713314	47.88	ug/l	0.00
Spiked Amount			Recovery	=	95.76%	
62) 4-Bromofluorobenzene	11.93	95	248576	40.84	ug/l	0.00
Spiked Amount			Recovery	=	81.68%	

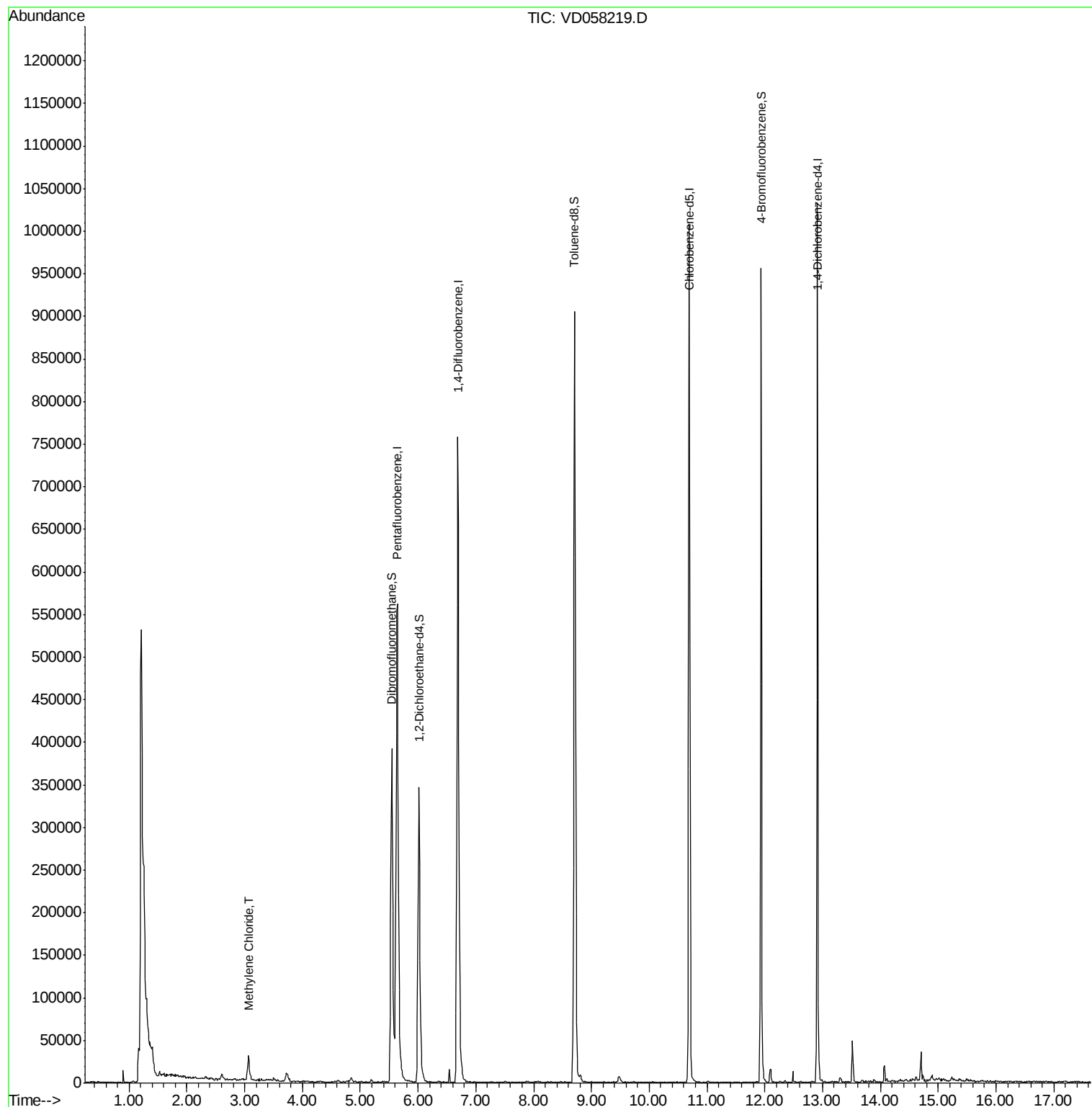
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.05	84	12292	1.23	ug/l	95

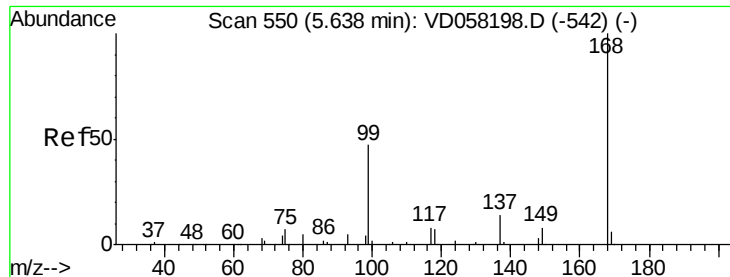
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. 0.01 min

Lab File: VD058219.D

Acq: 20 Jun 2018 19:35

Instrument :

MSVOA_D

ClientSampleId :

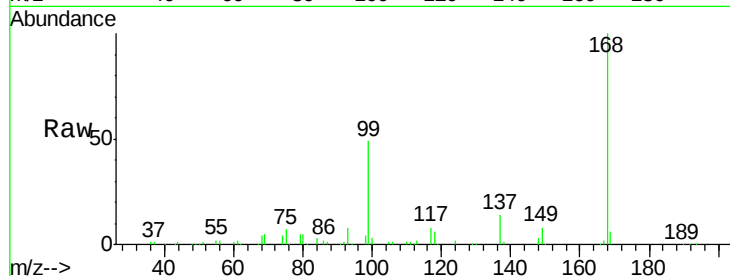
SSP-B-3-GRAB

Tot Ion:168 Resp: 579746

Ion Ratio Lower Upper

168 100

99 48.6 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.64

200000

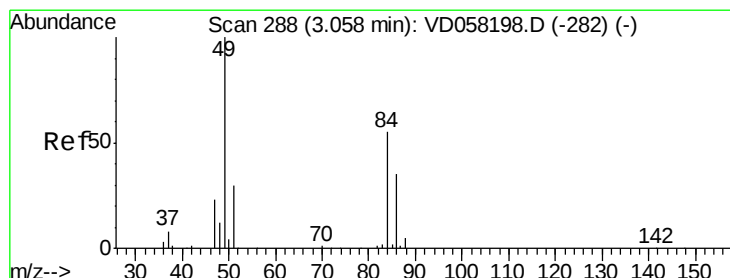
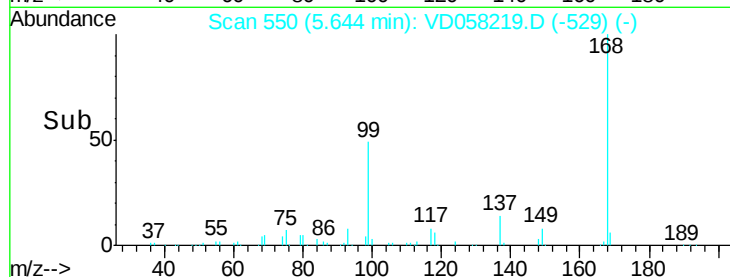
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.23 ug/l

RT: 3.05 min Scan# 287

Delta R.T. -0.00 min

Lab File: VD058219.D

Acq: 20 Jun 2018 19:35

Tgt Ion: 84 Resp: 12292

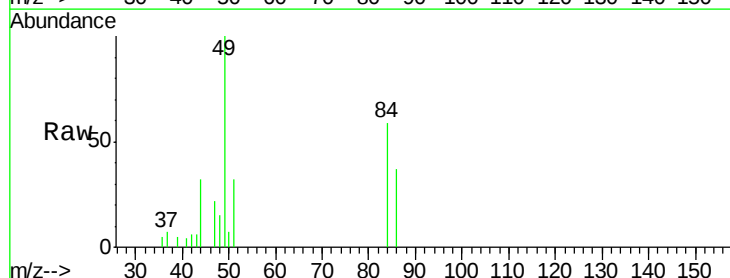
Ion Ratio Lower Upper

84 100

49 170.1 145.0 217.6

51 54.0 42.9 64.3

86 62.5 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

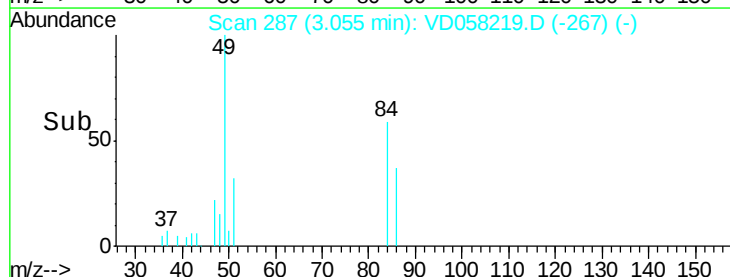
Ion 85.90 (85.60 to 86.60): VDC

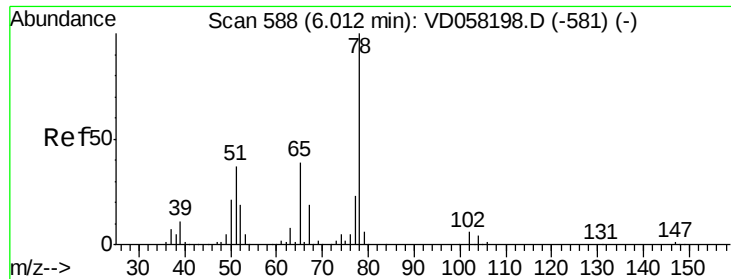
10000

5000

0

Time-->

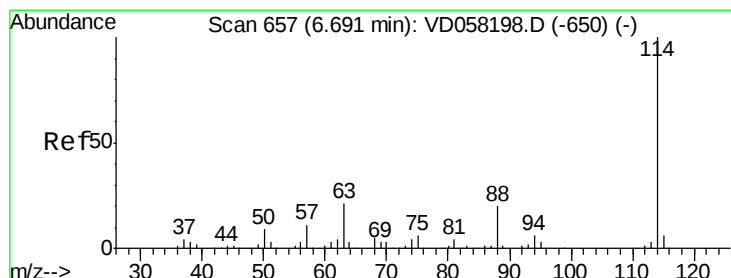
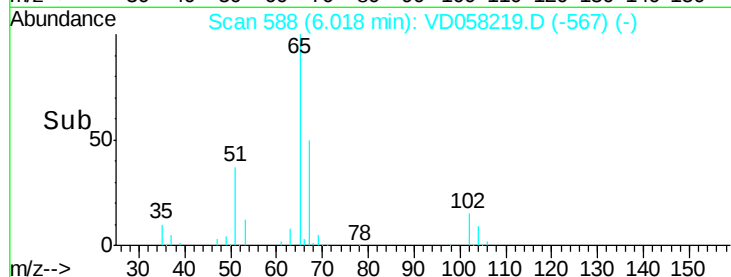
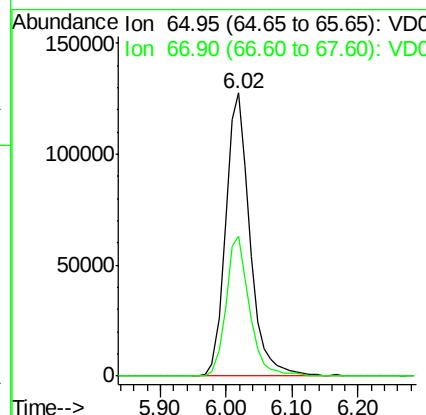
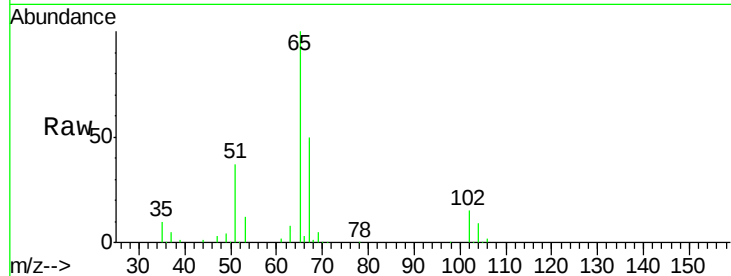




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.02 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: VD058219.D
 Acq: 20 Jun 2018 19:35

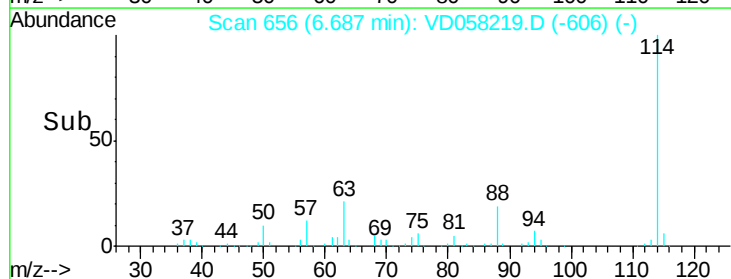
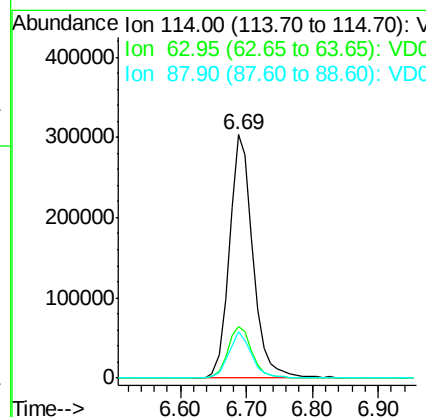
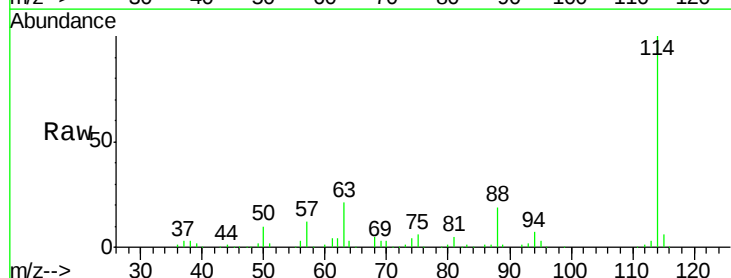
Instrument :
 MSVOA_D
 ClientSampleId :
 SSP-B-3-GRAB

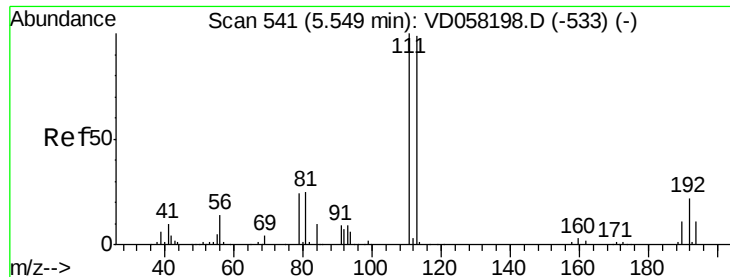
Tot Ion: 65 Resp: 328795
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 97.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: VD058219.D
 Acq: 20 Jun 2018 19:35

Tgt Ion: 114 Resp: 756628
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.6
 88 18.9 0.0 40.6





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.55 min Scan# 540

Delta R.T. -0.00 min

Lab File: VD058219.D

Acq: 20 Jun 2018 19:35

Instrument :

MSVOA_D

ClientSampleId :

SSP-B-3-GRAB

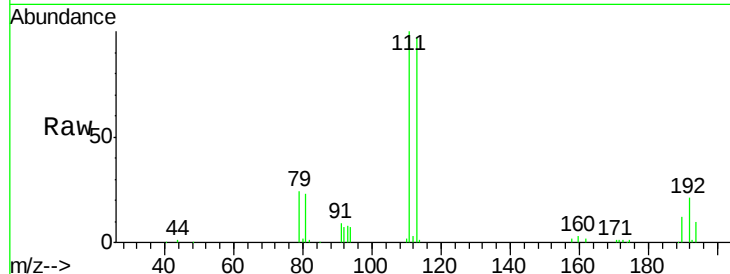
Tot Ion:113 Resp: 302931

Ion Ratio Lower Upper

113 100

111 103.4 80.6 121.0

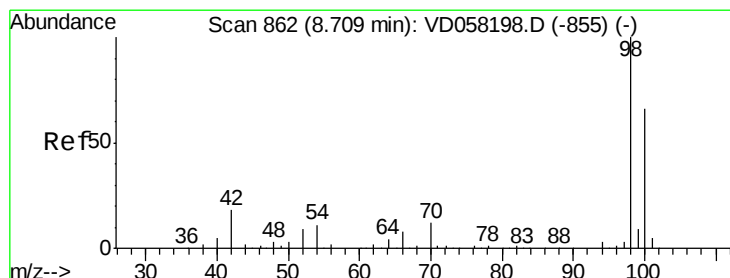
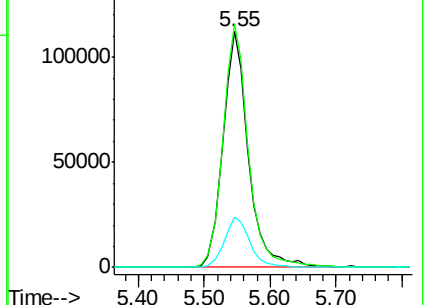
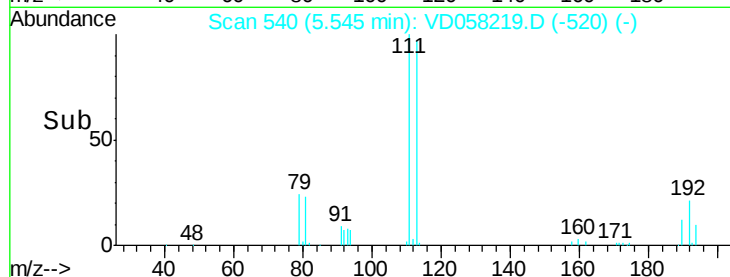
192 21.4 17.8 26.6



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# 861

Delta R.T. -0.00 min

Lab File: VD058219.D

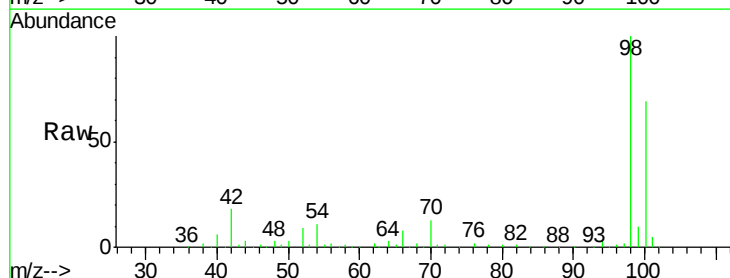
Acq: 20 Jun 2018 19:35

Tgt Ion: 98 Resp: 713314

Ion Ratio Lower Upper

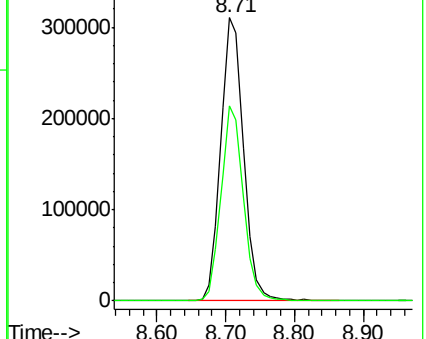
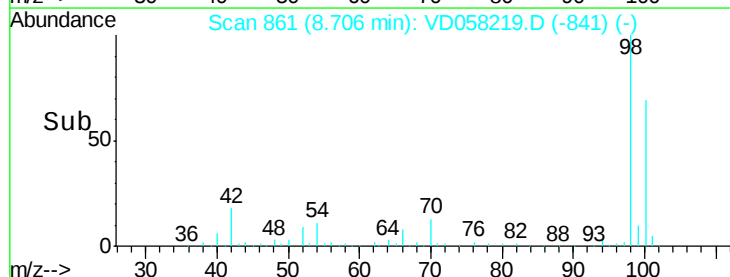
98 100

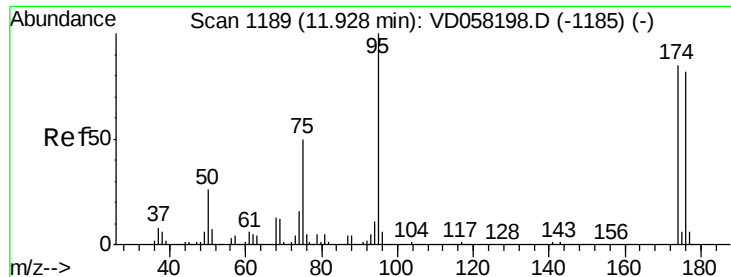
100 68.9 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD058219.D

Acq: 20 Jun 2018 19:35

Instrument :

MSVOA_D

ClientSampleId :

SSP-B-3-GRAB

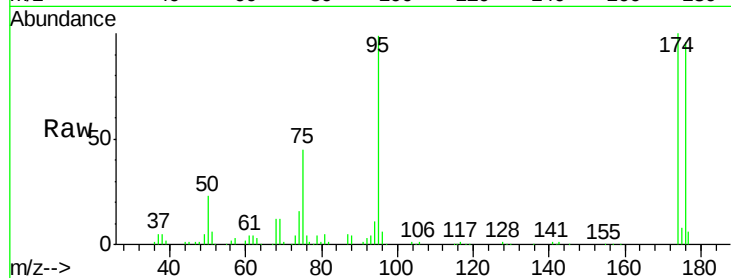
Tot Ion: 95 Resp: 248576

Ion Ratio Lower Upper

95 100

174 100.9 0.0 170.2

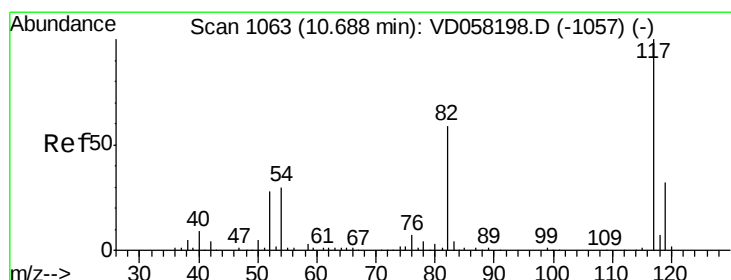
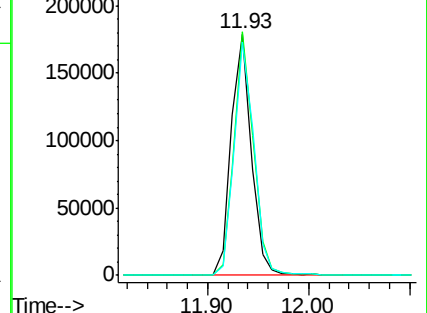
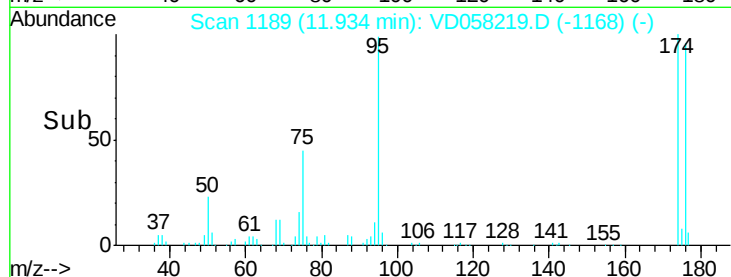
176 96.7 0.0 164.6



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. 0.01 min

Lab File: VD058219.D

Acq: 20 Jun 2018 19:35

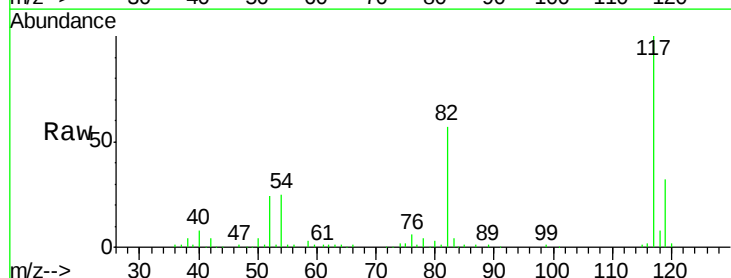
Tgt Ion: 117 Resp: 561964

Ion Ratio Lower Upper

117 100

82 56.9 47.0 70.6

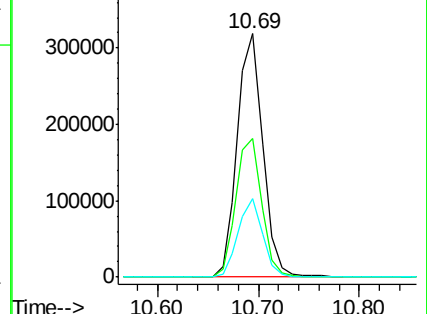
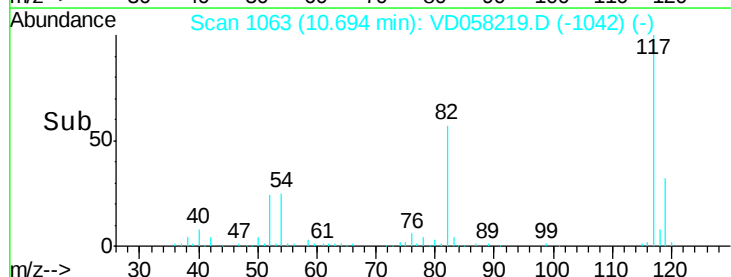
119 32.0 25.3 37.9

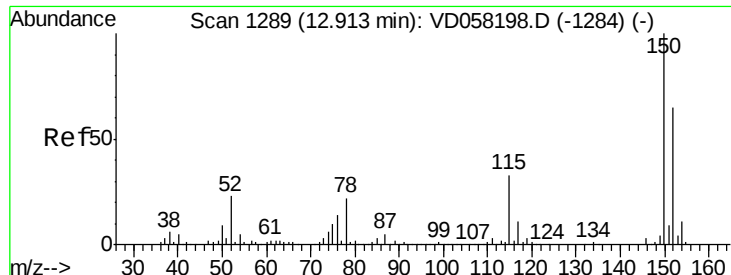


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

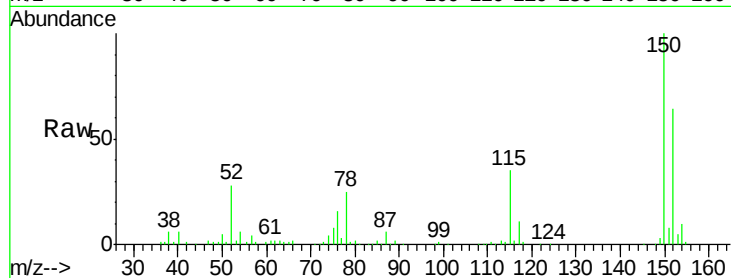




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.91 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VD058219.D
 Acq: 20 Jun 2018 19:35

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

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.7	25.1	75.3
150	155.3	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

