

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062118\
 Data File : VD058286.D
 Acq On : 22 Jun 2018 9:30
 Operator : VA/AP
 Sample : J3582-05
 Misc : 6.08g/5ml/MSVOA D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SSP-B-2-GRAB

Quant Time: Jun 22 11:06:42 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	5.66	168	639481	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.70	114	862376	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	626734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	242476	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	378333	58.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.14%	
35) Dibromofluoromethane	5.56	113	307803	43.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.70%	
50) Toluene-d8	8.72	98	843021	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	11.94	95	302490	43.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.22%	

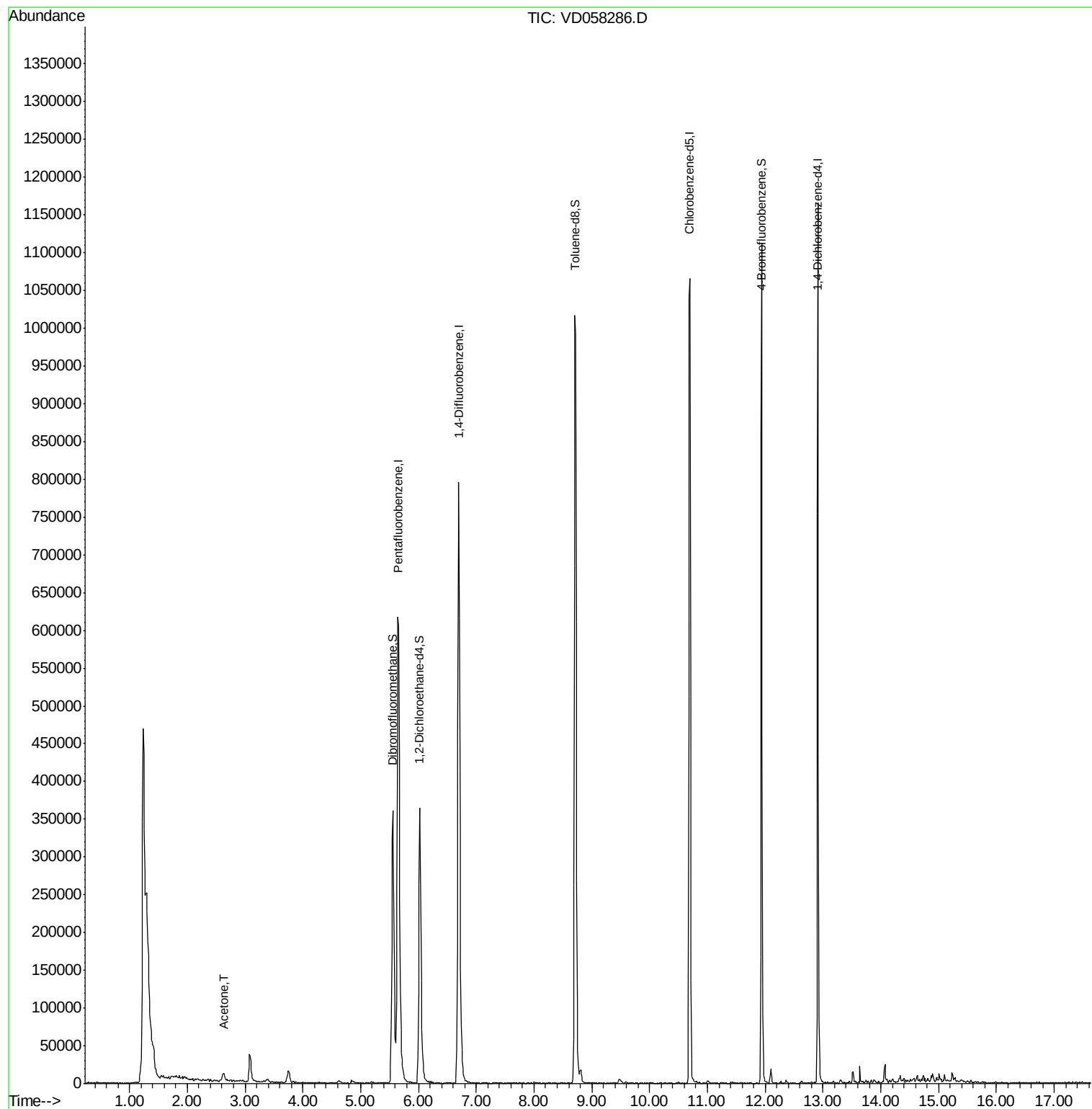
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.63	43	22521	25.49	ug/l	97

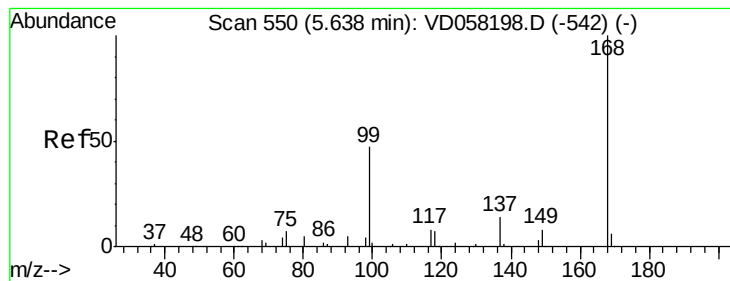
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.66 min Scan# 552

Delta R.T. 0.02 min

Lab File: VD058286.D

Acq: 22 Jun 2018 9:30

Instrument :

MSVOA_D

ClientSampleId :

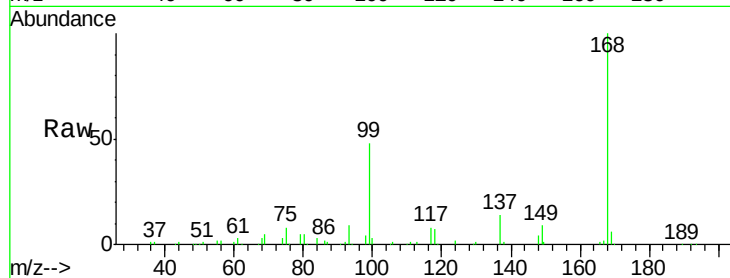
SSP-B-2-GRAB

Tot Ion:168 Resp: 639481

Ion Ratio Lower Upper

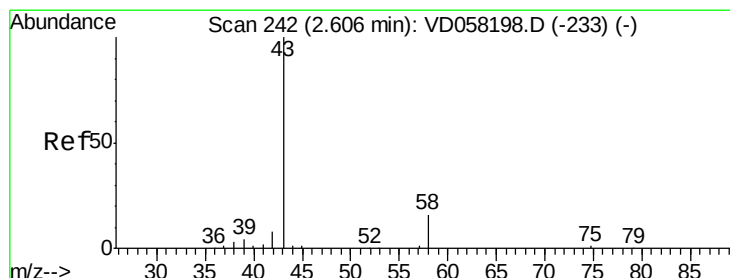
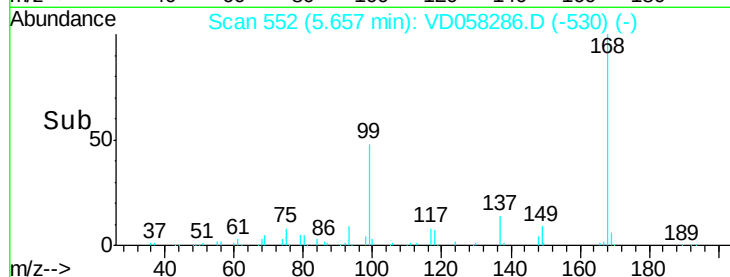
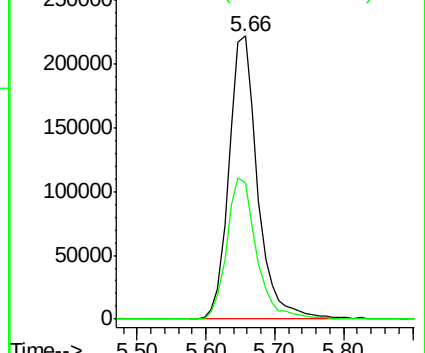
168 100

99 48.0 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 25.49 ug/l

RT: 2.63 min Scan# 245

Delta R.T. 0.03 min

Lab File: VD058286.D

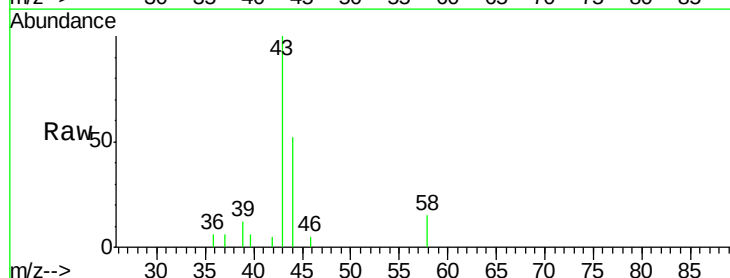
Acq: 22 Jun 2018 9:30

Tgt Ion: 43 Resp: 22521

Ion Ratio Lower Upper

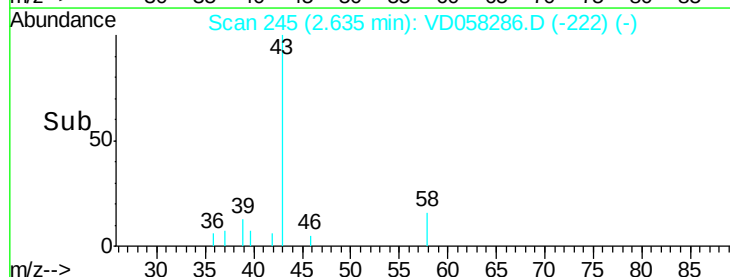
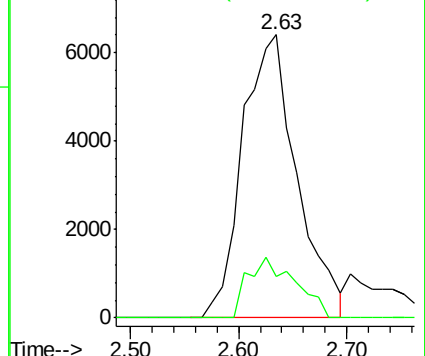
43 100

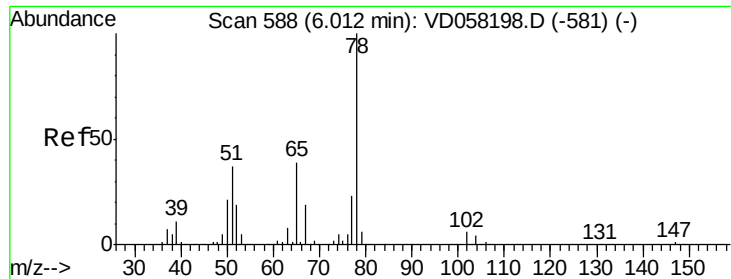
58 14.7 12.7 19.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

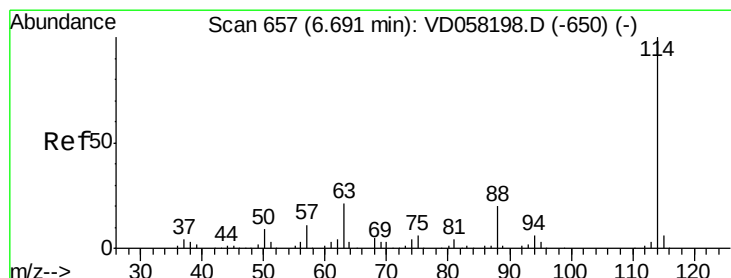
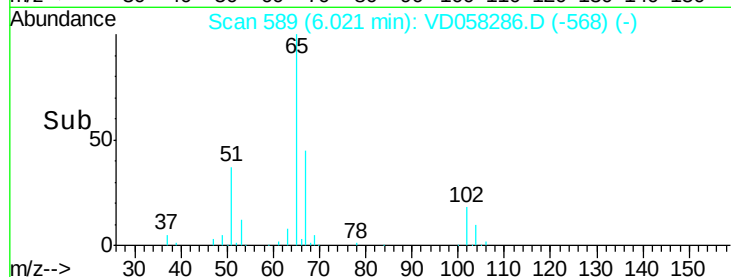
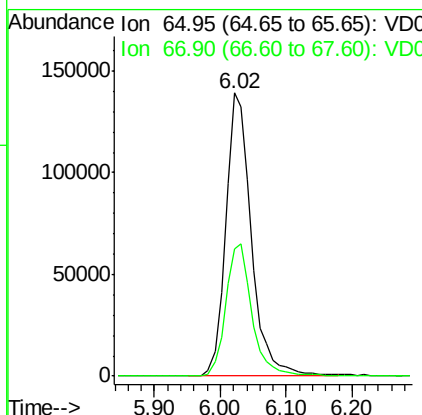
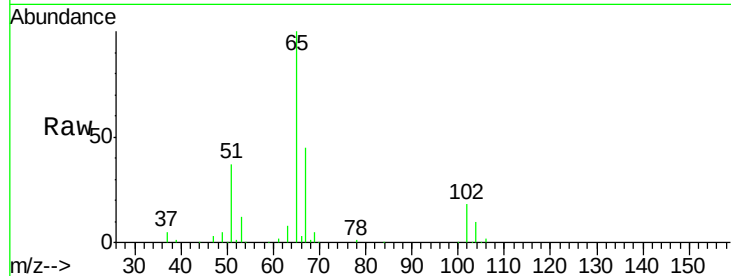




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.02 min Scan# 589
 Delta R.T. 0.01 min
 Lab File: VD058286.D
 Acq: 22 Jun 2018 9:30

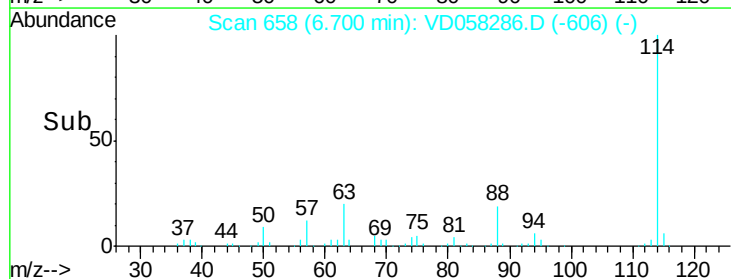
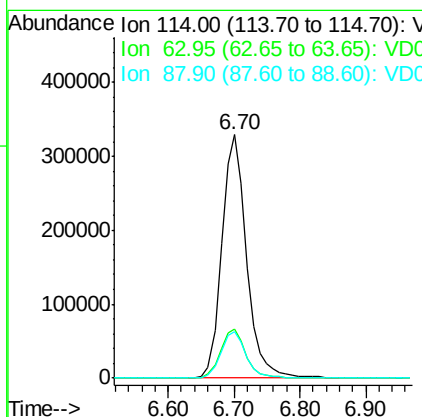
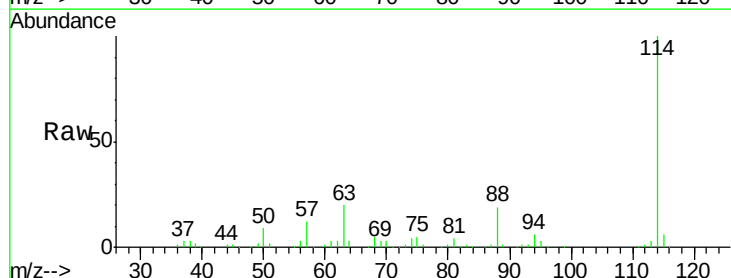
Instrument :
 MSVOA_D
 ClientSampleId :
 SSP-B-2-GRAB

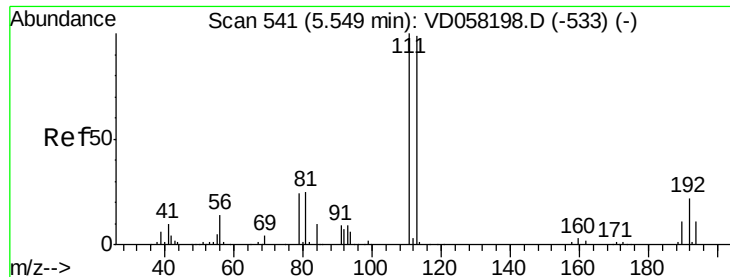
Tot Ion: 65 Resp: 378333
 Ion Ratio Lower Upper
 65 100
 67 45.1 0.0 97.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VD058286.D
 Acq: 22 Jun 2018 9:30

Tgt Ion: 114 Resp: 862376
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.6
 88 19.0 0.0 40.6

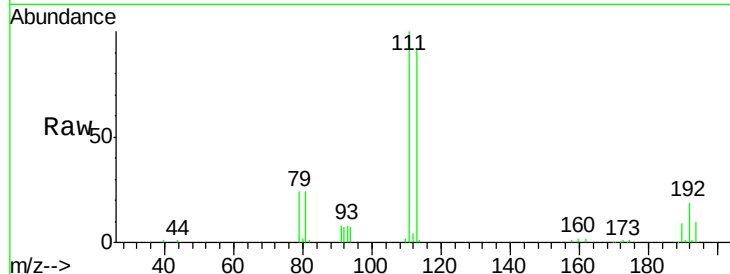




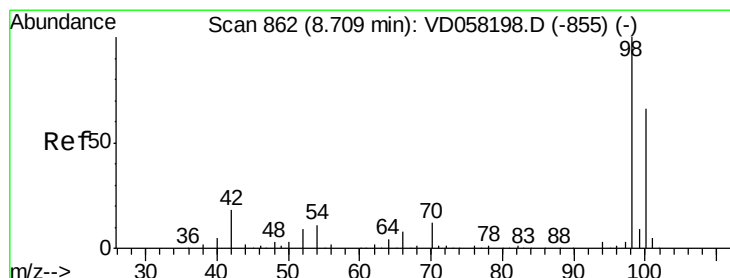
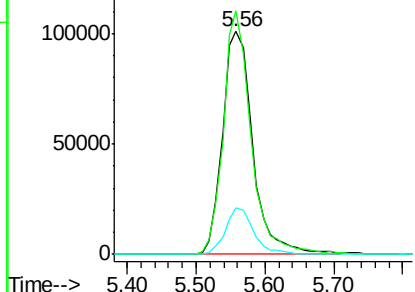
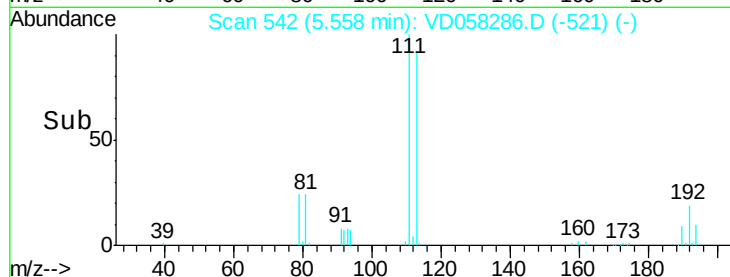
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.56 min Scan# 542
Delta R.T. 0.01 min
Lab File: VD058286.D
Acq: 22 Jun 2018 9:30

Instrument :
MSVOA_D
ClientSampleId :
SSP-B-2-GRAB

Tot Ion:113 Resp: 307803
Ion Ratio Lower Upper
113 100
111 109.2 80.6 121.0
192 21.1 17.8 26.6

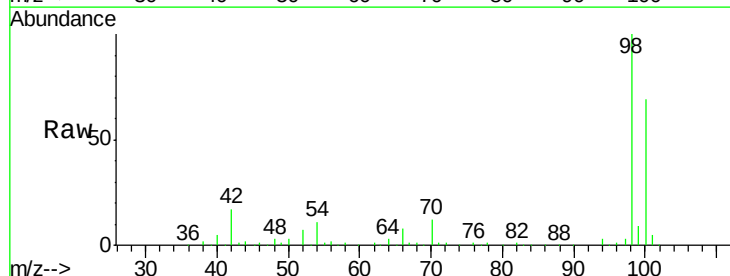


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

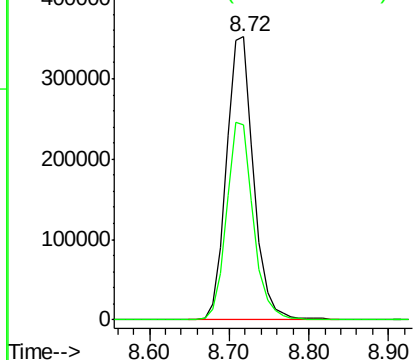
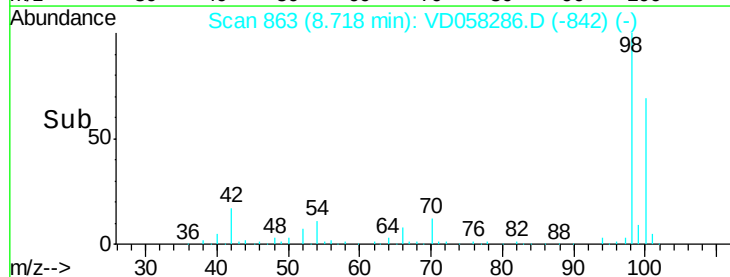


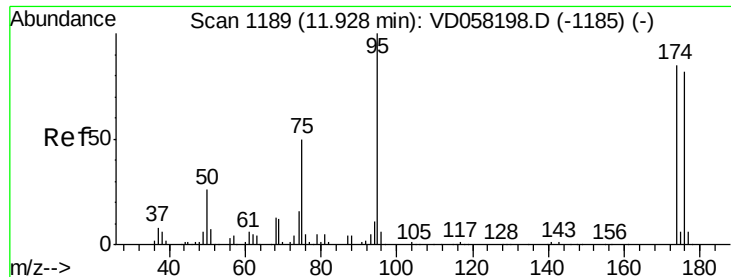
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.72 min Scan# 863
Delta R.T. 0.01 min
Lab File: VD058286.D
Acq: 22 Jun 2018 9:30

Tgt Ion: 98 Resp: 843021
Ion Ratio Lower Upper
98 100
100 68.8 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: 11.94 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD058286.D

Acq: 22 Jun 2018 9:30

Instrument :

MSVOA_D

ClientSampleId :

SSP-B-2-GRAB

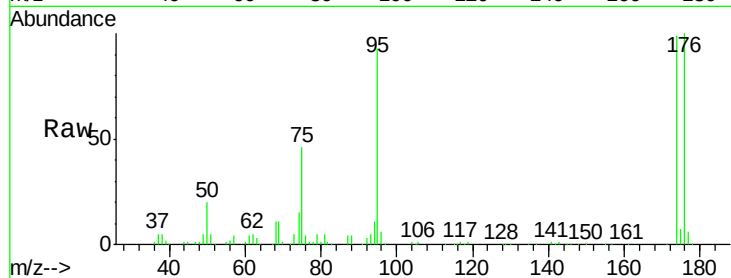
Tot Ion: 95 Resp: 302490

Ion Ratio Lower Upper

95 100

174 106.0 0.0 170.2

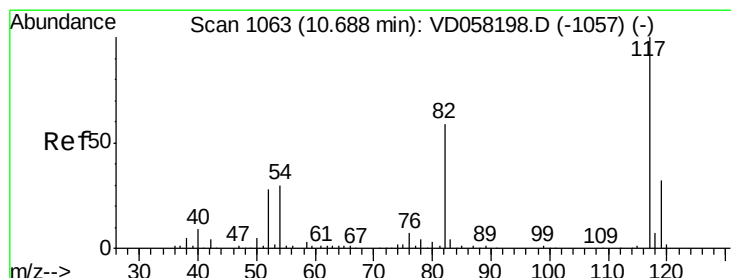
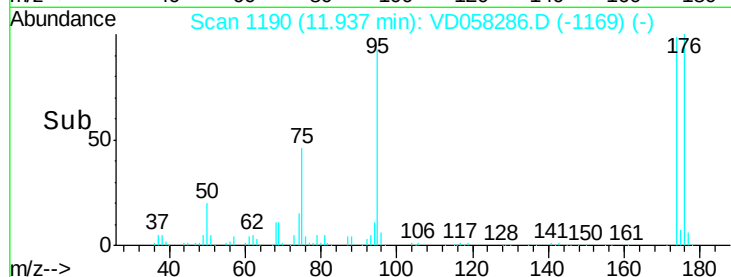
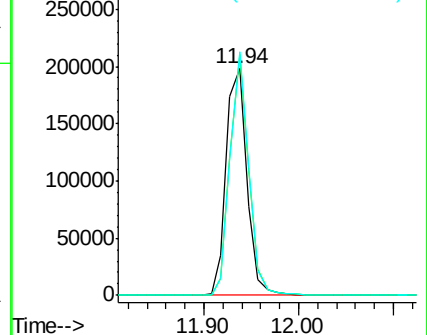
176 107.4 0.0 164.6



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: 10.70 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VD058286.D

Acq: 22 Jun 2018 9:30

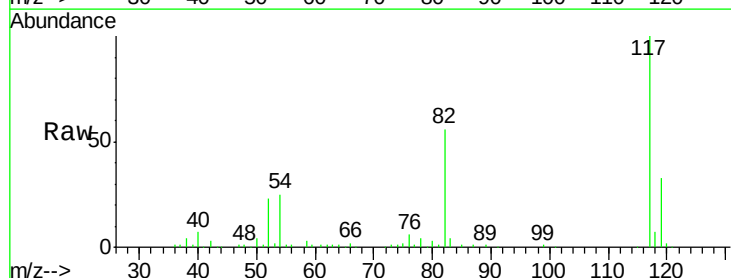
Tgt Ion: 117 Resp: 626734

Ion Ratio Lower Upper

117 100

82 55.9 47.0 70.6

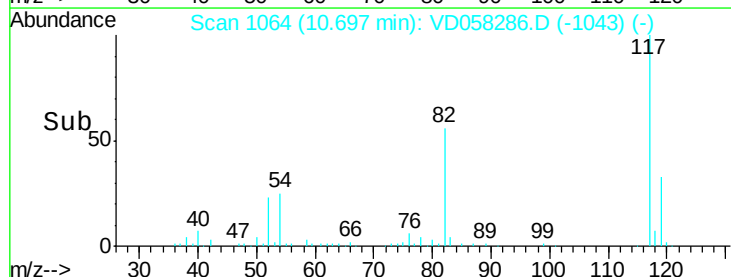
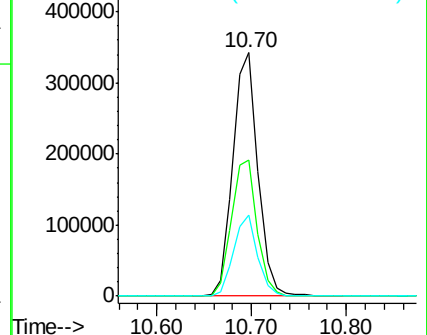
119 33.1 25.3 37.9

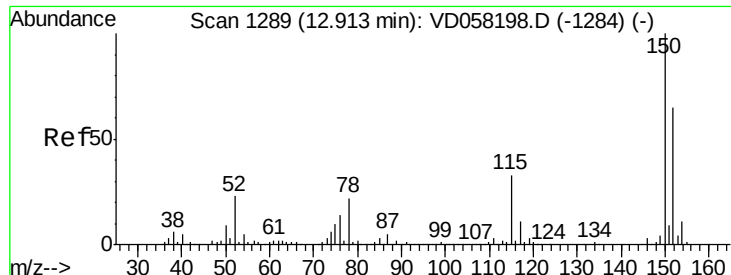


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

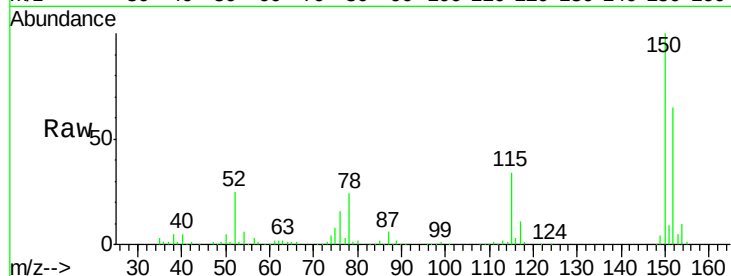




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.91 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VD058286.D
 Acq: 22 Jun 2018 9:30

Instrument :
 MSVOA_D
 ClientSampleId :
 SSP-B-2-GRAB

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.0	25.1	75.3
150	153.7	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

