

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
 Data File : VD058322.D
 Acq On : 23 Jun 2018 5:13
 Operator : VA/AP
 Sample : J3622-08
 Misc : 5.13g/5ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-B

Quant Time: Jun 25 01:09:08 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	368204	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.70	114	580251	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	466344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	248821	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	305514	82.15	ug/l	0.02
Spiked Amount 50.000			Recovery	=	164.30%	
35) Dibromofluoromethane	5.57	113	265404	56.20	ug/l	0.02
Spiked Amount 50.000			Recovery	=	112.40%	
50) Toluene-d8	8.72	98	449967	39.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.76%	
62) 4-Bromofluorobenzene	11.94	95	242580	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	

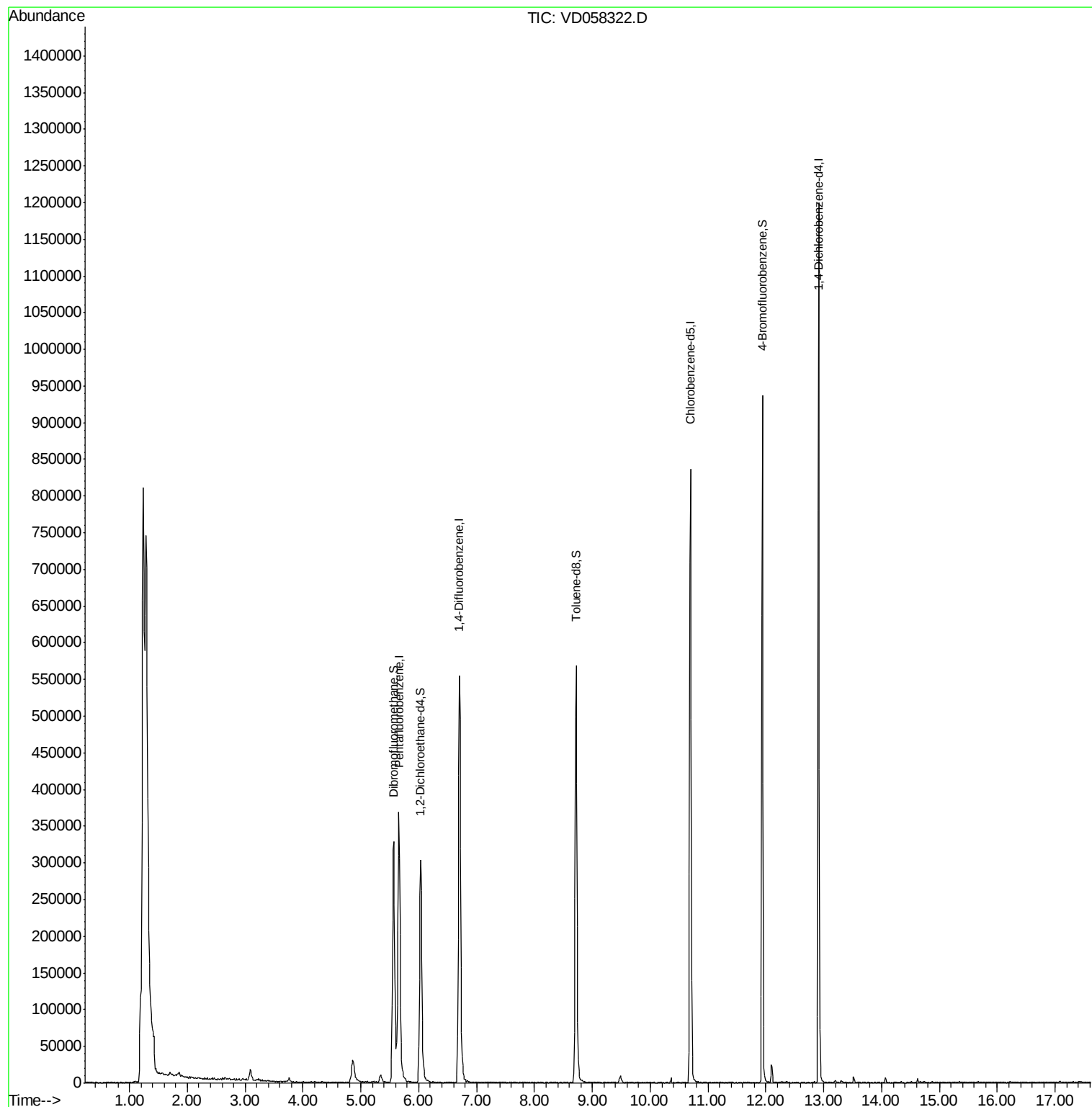
Target Compounds	Qvalue
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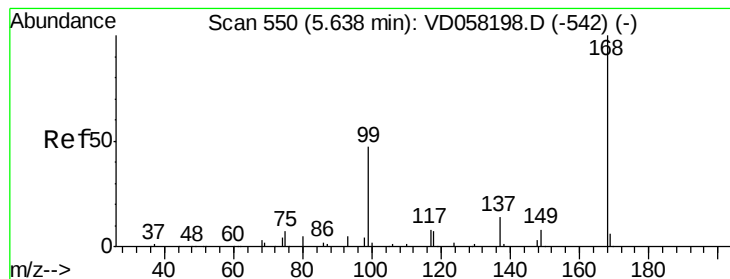
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 552

Delta R.T. 0.02 min

Lab File: VD058322.D

Acq: 23 Jun 2018 5:13

Instrument :

MSVOA_D

ClientSampled :

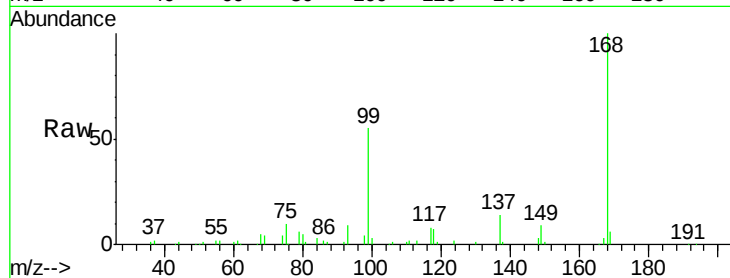
SP-B

Tot Ion:168 Resp: 368204

Ion Ratio Lower Upper

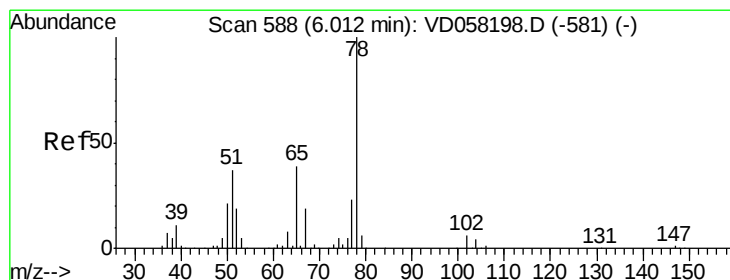
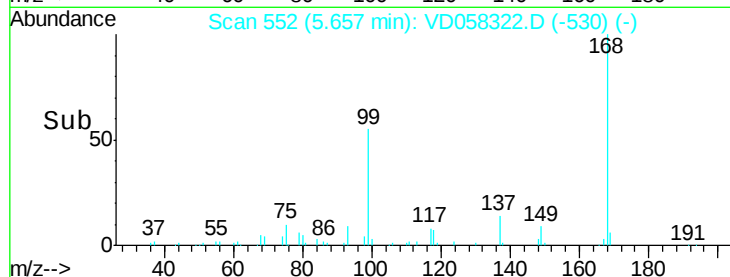
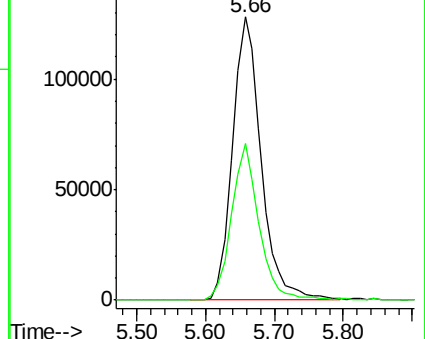
168 100

99 55.2 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.03 min Scan# 590

Delta R.T. 0.02 min

Lab File: VD058322.D

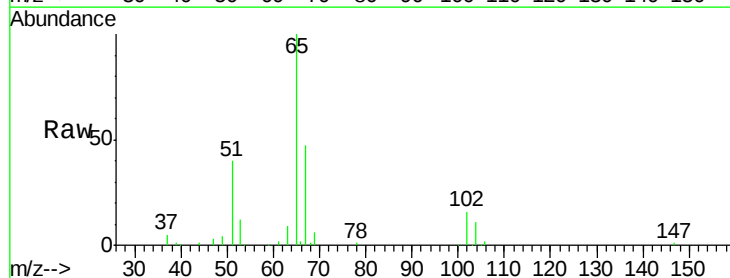
Acq: 23 Jun 2018 5:13

Tgt Ion: 65 Resp: 305514

Ion Ratio Lower Upper

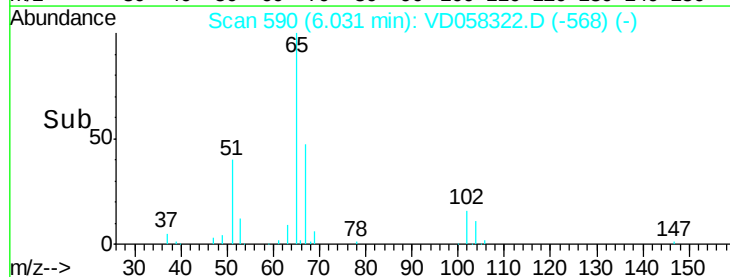
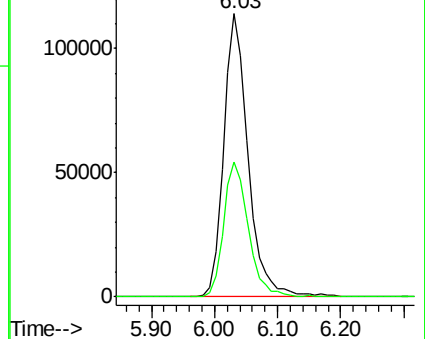
65 100

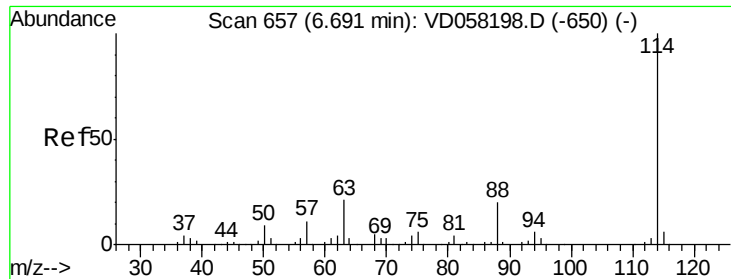
67 47.5 0.0 97.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

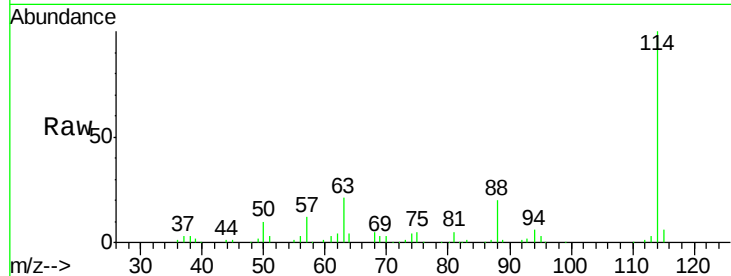




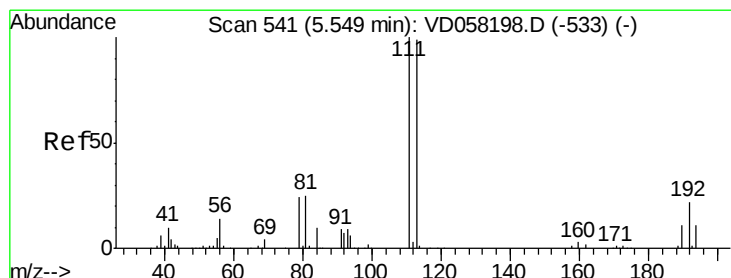
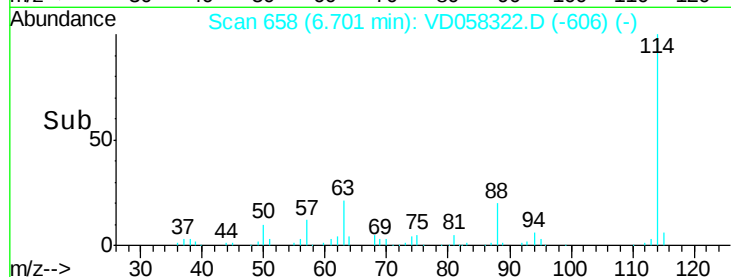
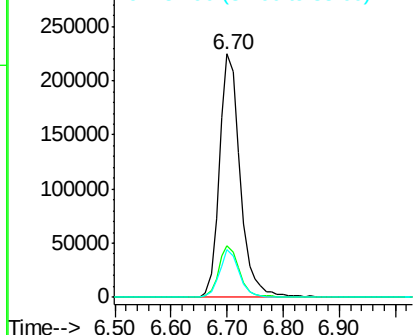
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VD058322.D
 Acq: 23 Jun 2018 5:13

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-B

Tot Ion:114 Resp: 580251
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.6
 88 19.5 0.0 40.6

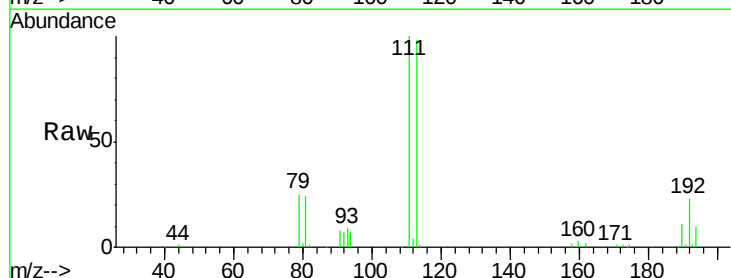


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

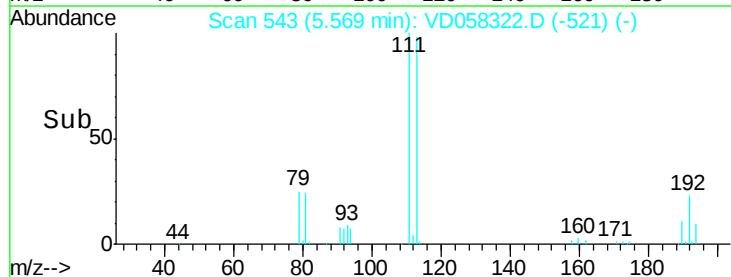
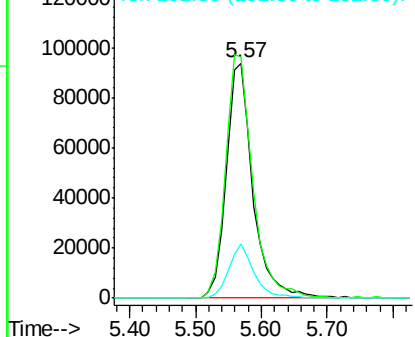


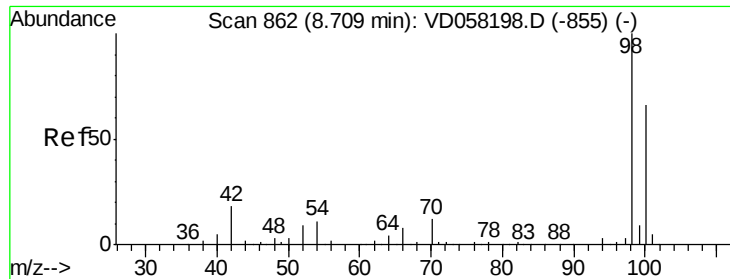
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.57 min Scan# 543
 Delta R.T. 0.02 min
 Lab File: VD058322.D
 Acq: 23 Jun 2018 5:13

Tgt Ion:113 Resp: 265404
 Ion Ratio Lower Upper
 113 100
 111 102.5 80.6 121.0
 192 23.2 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

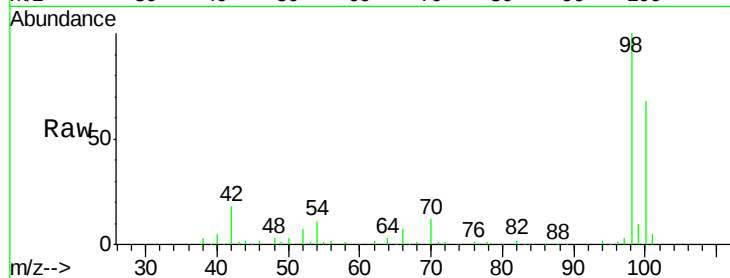




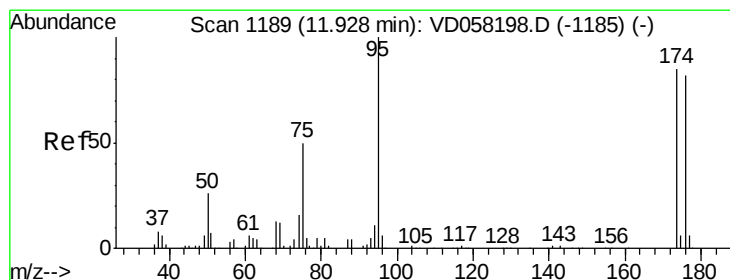
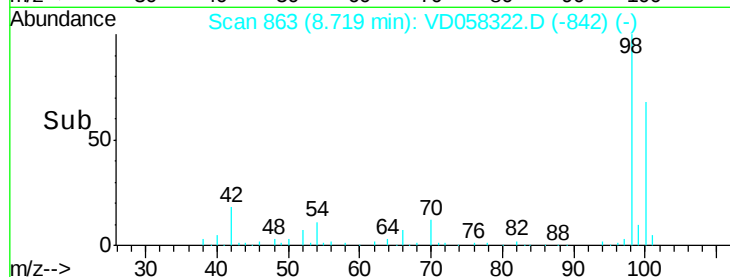
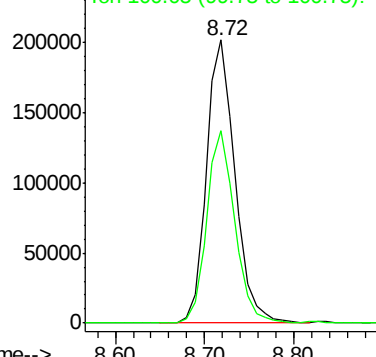
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.72 min Scan# 863
Delta R.T. 0.01 min
Lab File: VD058322.D
Acq: 23 Jun 2018 5:13

Instrument :
MSVOA_D
ClientSampleId :
SP-B

Tot Ion: 98 Resp: 449967
Ion Ratio Lower Upper
98 100
100 68.2 53.6 80.4

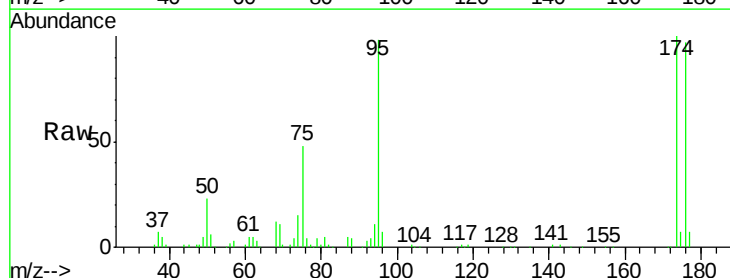


Abundance Ion 98.05 (97.75 to 98.75): VD058198.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD058198.D (-855) (-)

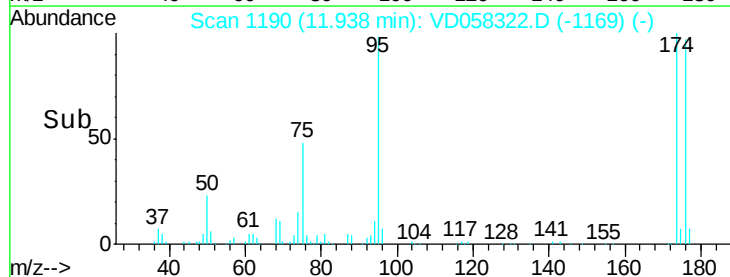
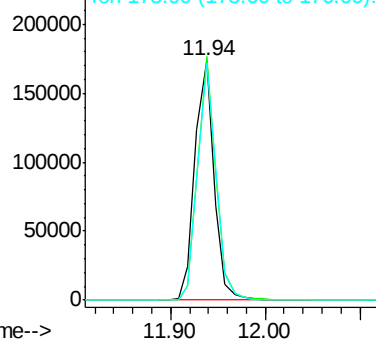


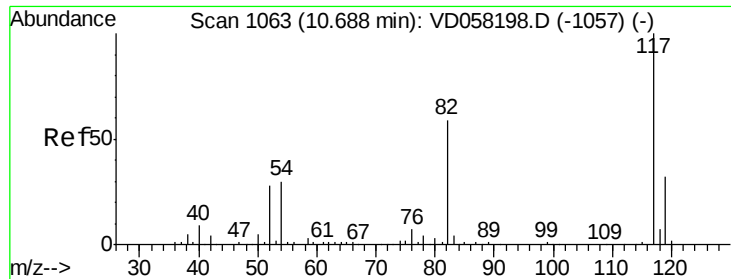
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.94 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD058322.D
Acq: 23 Jun 2018 5:13

Tgt Ion: 95 Resp: 242580
Ion Ratio Lower Upper
95 100
174 101.7 0.0 170.2
176 99.0 0.0 164.6



Abundance Ion 95.00 (94.70 to 95.70): VD058198.D (-1185) (-)
Ion 173.90 (173.60 to 174.60): VD058198.D (-1185) (-)
Ion 175.90 (175.60 to 176.60): VD058198.D (-1185) (-)

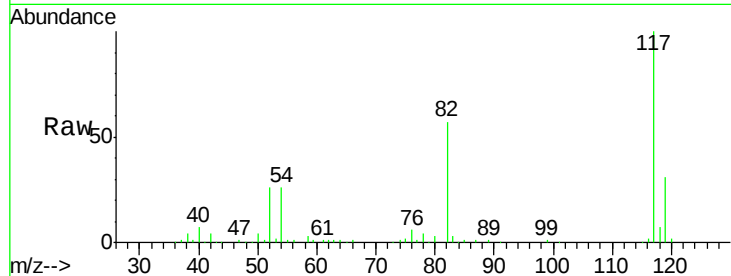




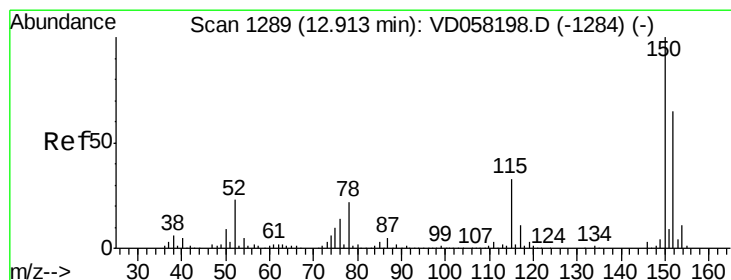
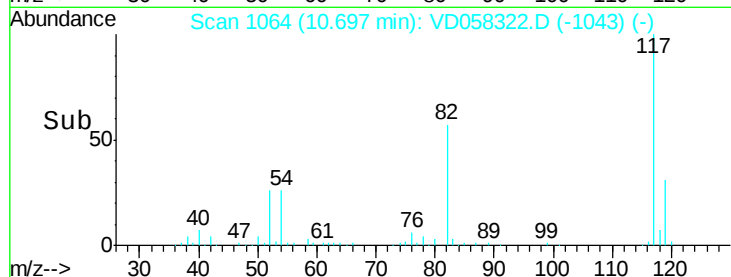
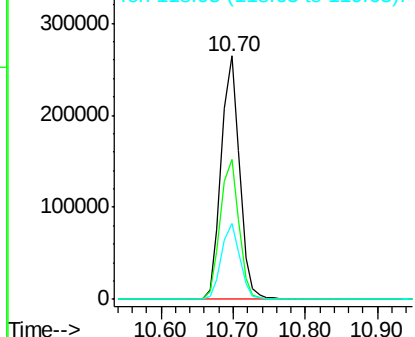
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058322.D
Acq: 23 Jun 2018 5:13

Instrument :
MSVOA_D
ClientSampleId :
SP-B

Tot Ion:117 Resp: 466344
Ion Ratio Lower Upper
117 100
82 57.4 47.0 70.6
119 31.3 25.3 37.9

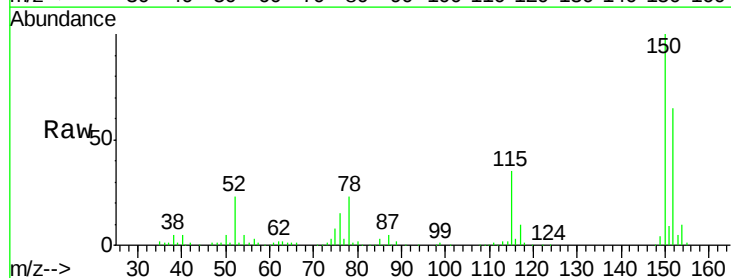


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VD058322.D
Acq: 23 Jun 2018 5:13

Tgt Ion:152 Resp: 248821
Ion Ratio Lower Upper
152 100
115 53.2 25.1 75.3
150 152.9 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

