

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062018\
 Data File : VD058230.D
 Acq On : 21 Jun 2018 2:41
 Operator : VA/AP
 Sample : J3245-11
 Misc : 5.82g/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-061918-B

Quant Time: Jun 21 05:33:46 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

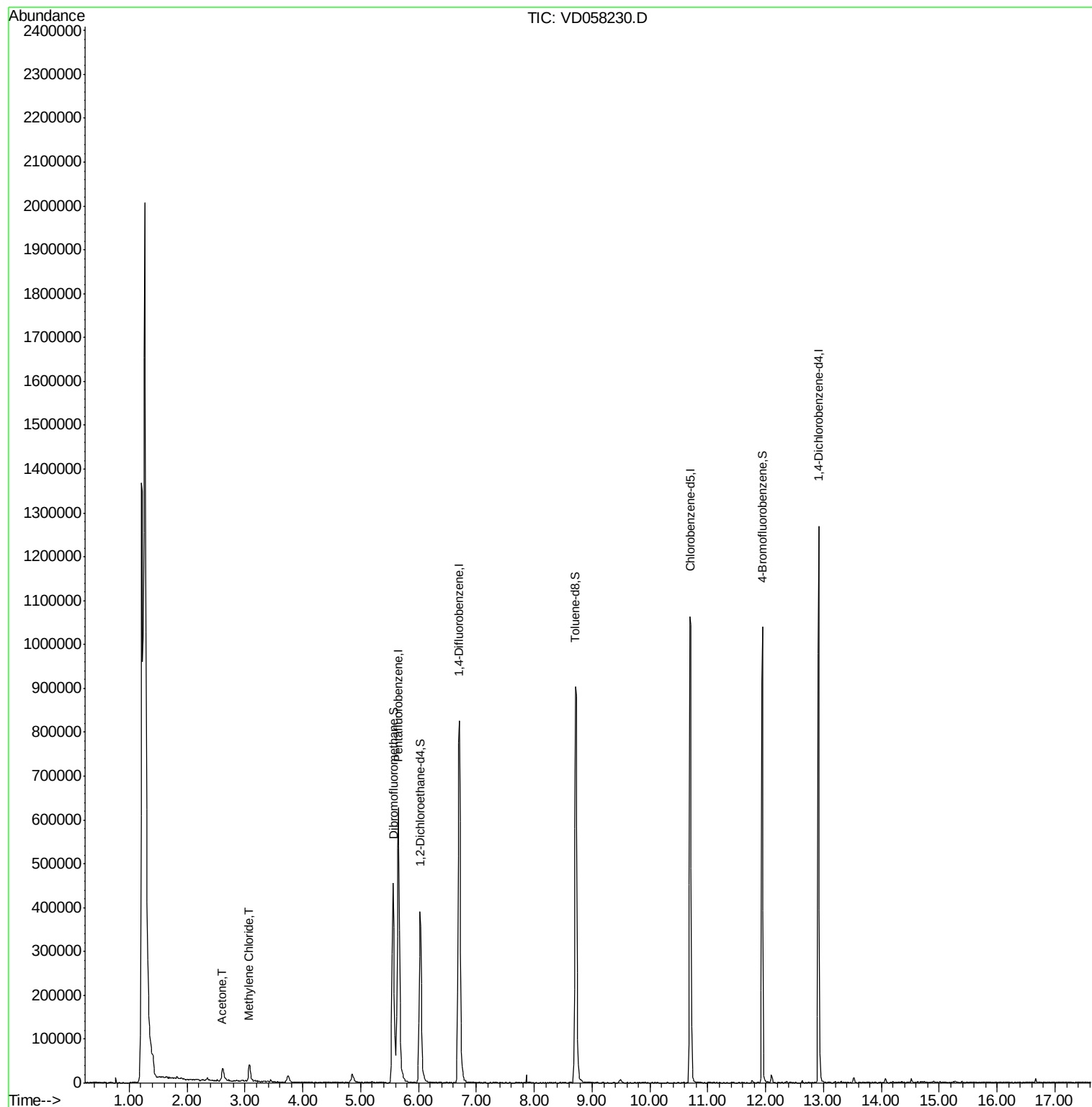
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	629104	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.70	114	860932	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.70	117	599546	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.92	152	274903	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	380541	59.89	ug/l	0.01
Spiked Amount 50.000			Recovery	=	119.78%	
35) Dibromofluoromethane	5.56	113	368827	52.64	ug/l	0.01
Spiked Amount 50.000			Recovery	=	105.28%	
50) Toluene-d8	8.72	98	756308	44.61	ug/l	0.01
Spiked Amount 50.000			Recovery	=	89.22%	
62) 4-Bromofluorobenzene	11.94	95	294040	42.46	ug/l	0.01
Spiked Amount 50.000			Recovery	=	84.92%	
Target Compounds						
16) Acetone	2.61	43	58526	67.35	ug/l	# 86
20) Methylene Chloride	3.07	84	19731	4.35	ug/l	91

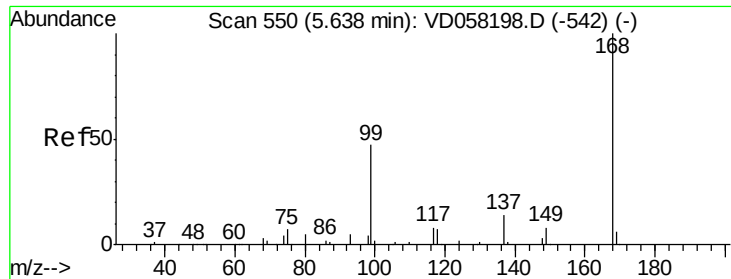
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.65 min Scan# 551

Delta R.T. 0.01 min

Lab File: VD058230.D

Acq: 21 Jun 2018 2:41

Instrument :

MSVOA_D

ClientSampleId :

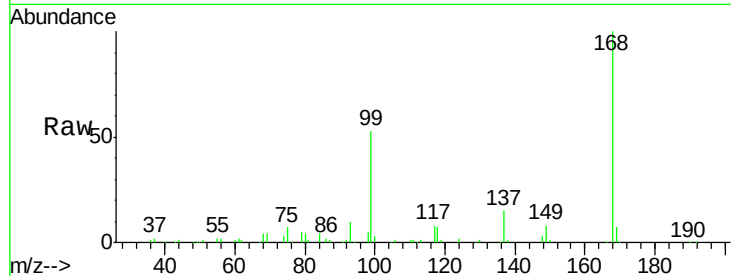
CL-02-061918-B

Tot Ion:168 Resp: 629104

Ion Ratio Lower Upper

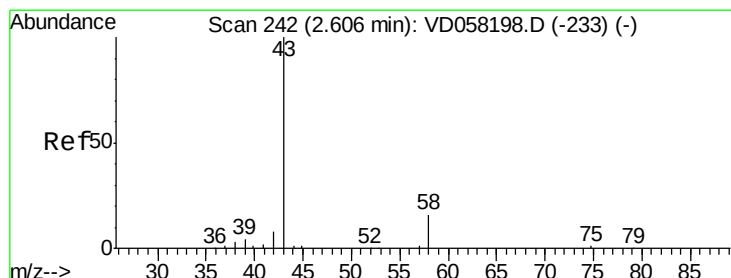
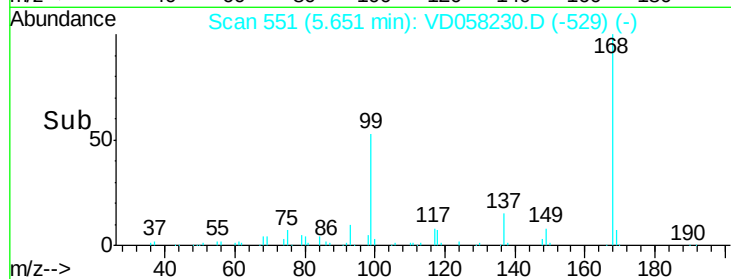
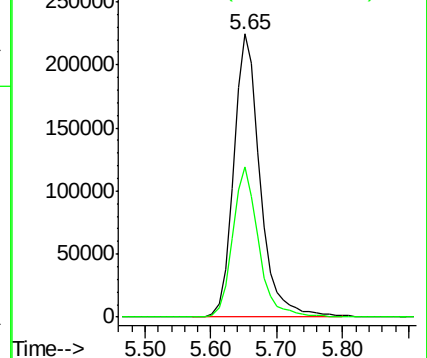
168 100

99 53.1 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: 67.35 ug/l

RT: 2.61 min Scan# 242

Delta R.T. 0.00 min

Lab File: VD058230.D

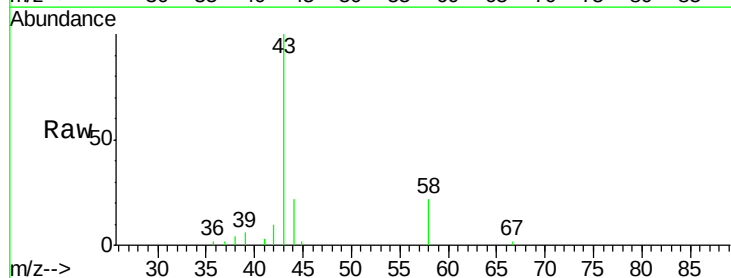
Acq: 21 Jun 2018 2:41

Tgt Ion: 43 Resp: 58526

Ion Ratio Lower Upper

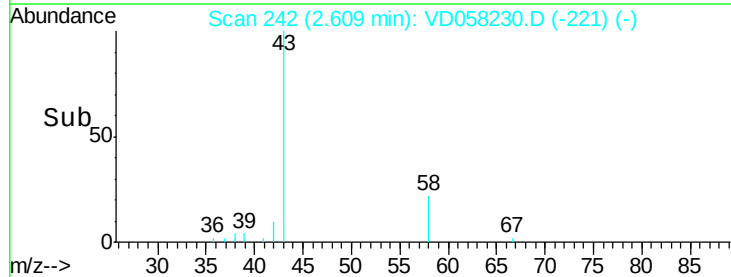
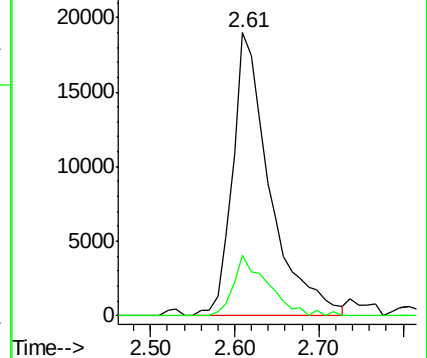
43 100

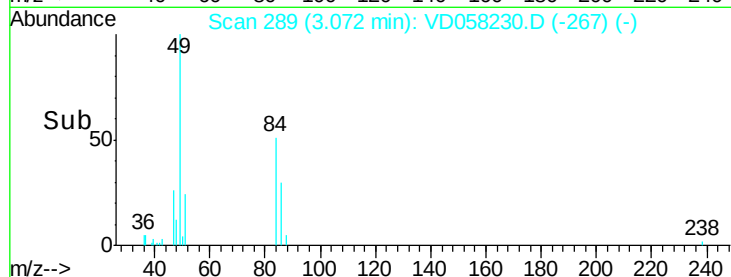
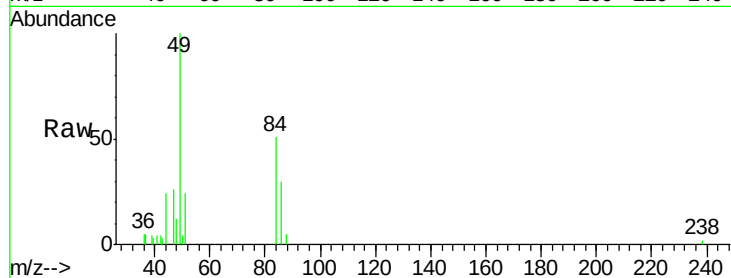
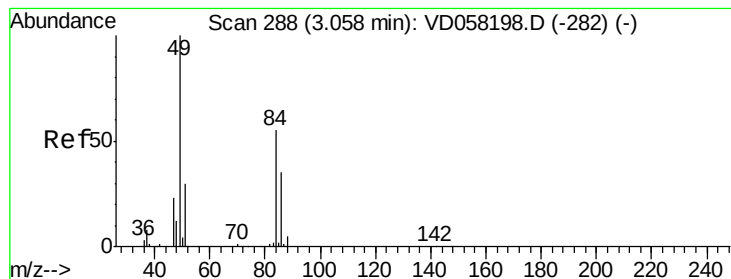
58 21.6 12.7 19.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 4.35 ug/l

RT: 3.07 min Scan# 289

Delta R.T. 0.01 min

Lab File: VD058230.D

Acq: 21 Jun 2018 2:41

Instrument :

MSVOA_D

ClientSampleId :

CL-02-061918-B

Tot Ion: 84 Resp: 19731

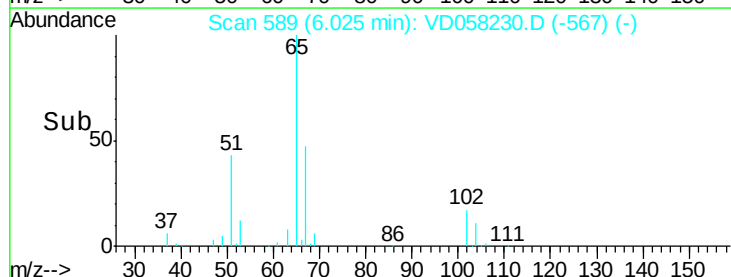
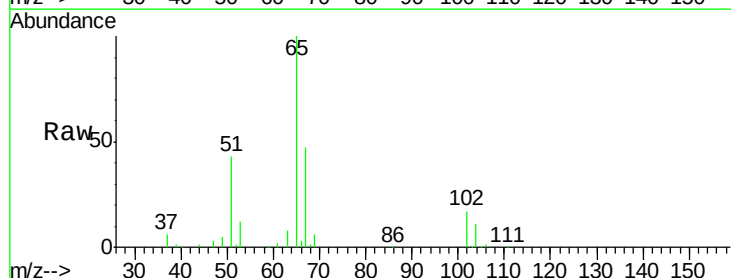
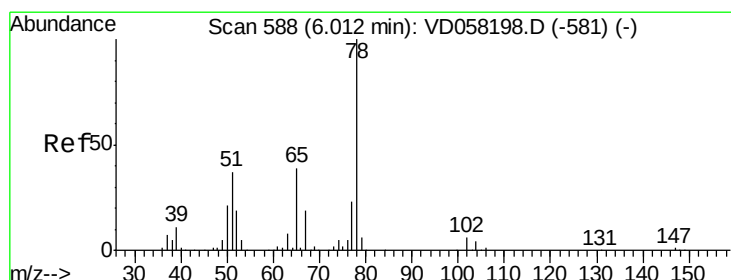
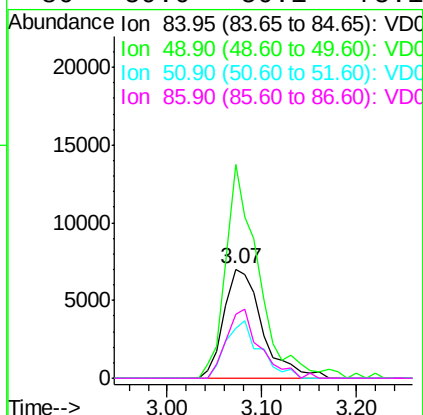
Ion Ratio Lower Upper

84 100

49 195.9 145.0 217.6

51 46.1 42.9 64.3

86 59.0 50.1 75.1



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.03 min Scan# 589

Delta R.T. 0.01 min

Lab File: VD058230.D

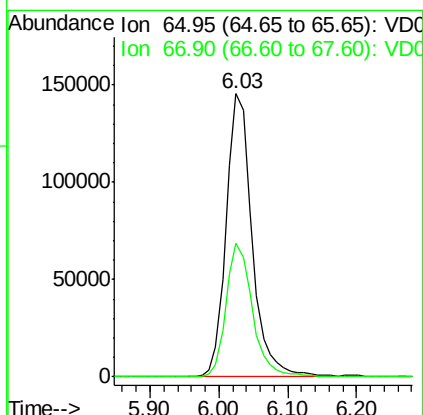
Acq: 21 Jun 2018 2:41

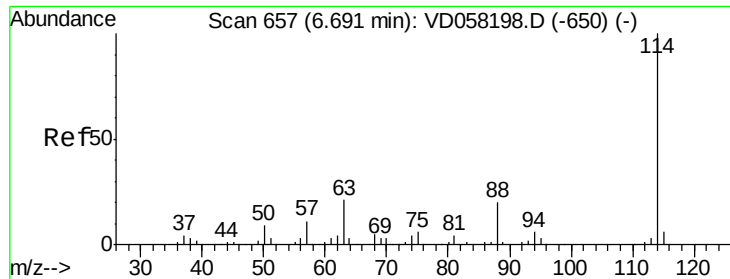
Tgt Ion: 65 Resp: 380541

Ion Ratio Lower Upper

65 100

67 47.3 0.0 97.8

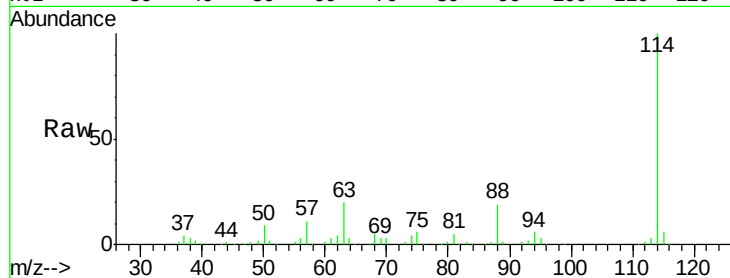




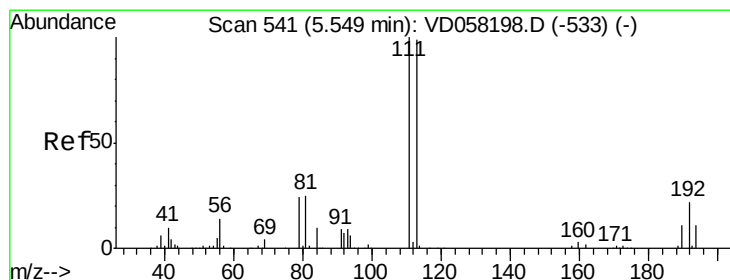
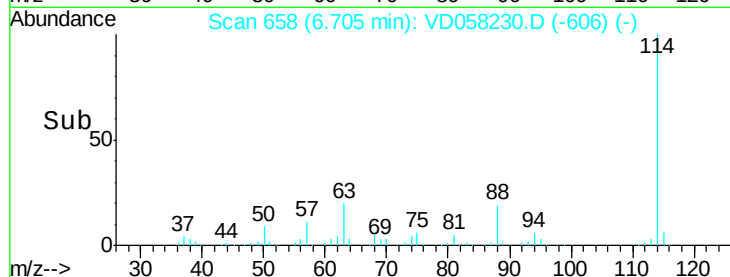
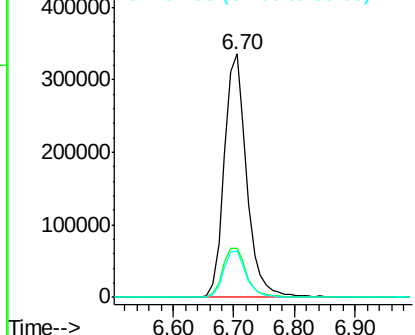
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VD058230.D
 Acq: 21 Jun 2018 2:41

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-061918-B

Tot Ion:114 Resp: 860932
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.6
 88 19.2 0.0 40.6

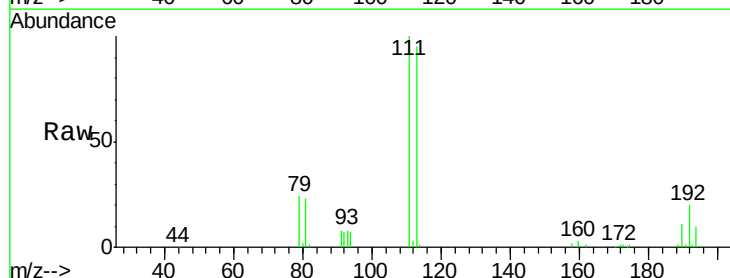


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

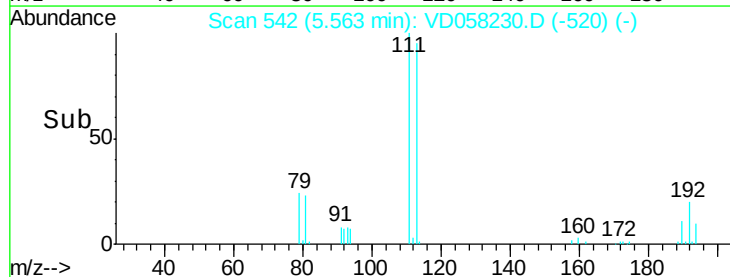
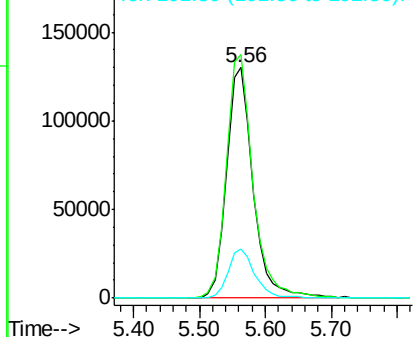


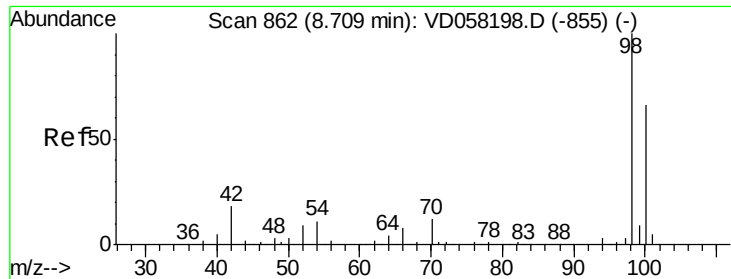
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.56 min Scan# 542
 Delta R.T. 0.01 min
 Lab File: VD058230.D
 Acq: 21 Jun 2018 2:41

Tgt Ion:113 Resp: 368827
 Ion Ratio Lower Upper
 113 100
 111 105.8 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

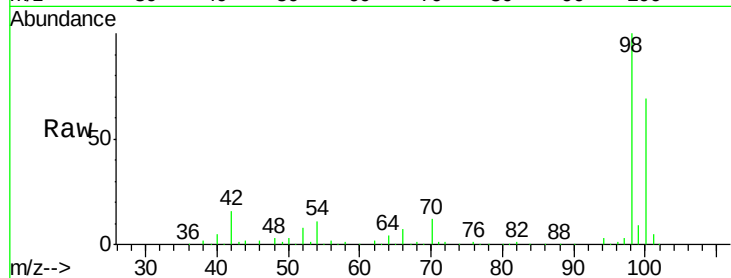




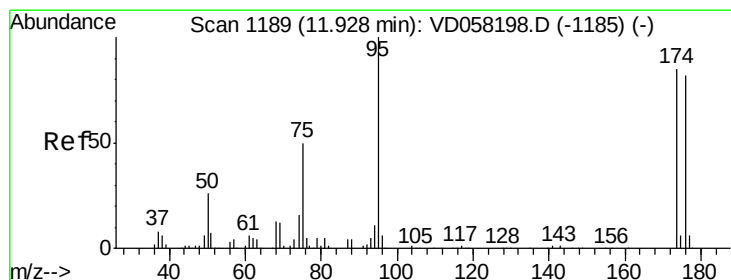
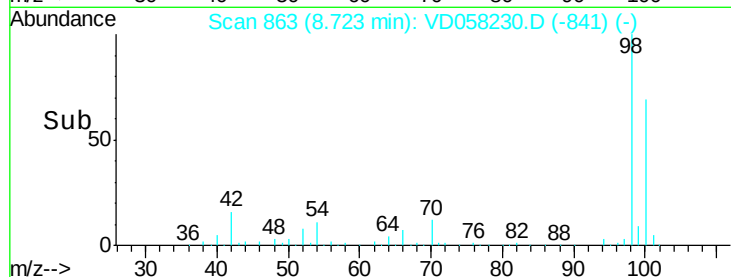
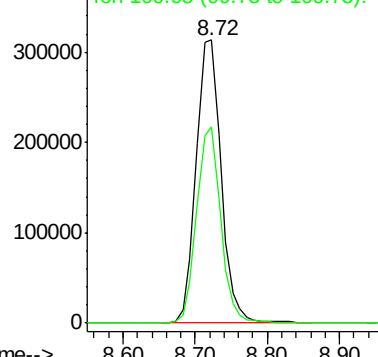
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.72 min Scan# 863
Delta R.T. 0.01 min
Lab File: VD058230.D
Acq: 21 Jun 2018 2:41

Instrument :
MSVOA_D
ClientSampleId :
CL-02-061918-B

Tot Ion: 98 Resp: 756308
Ion Ratio Lower Upper
98 100
100 69.2 53.6 80.4

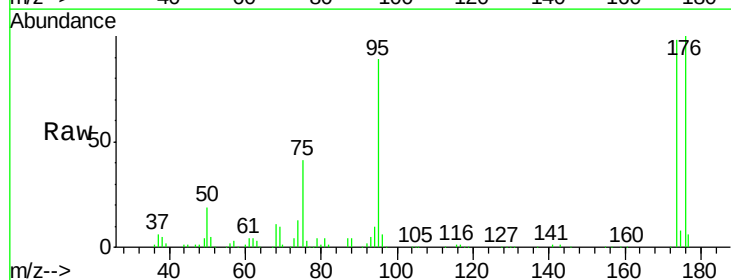


Abundance Ion 98.05 (97.75 to 98.75): VD058198.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD058198.D (-855) (-)

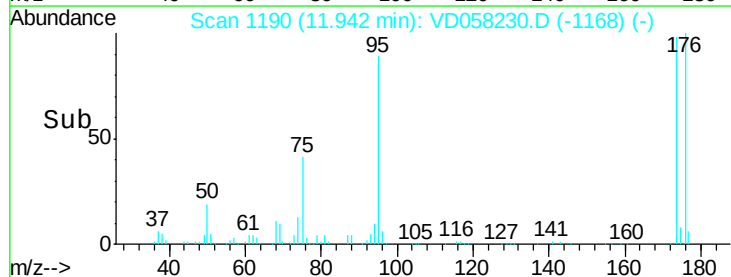
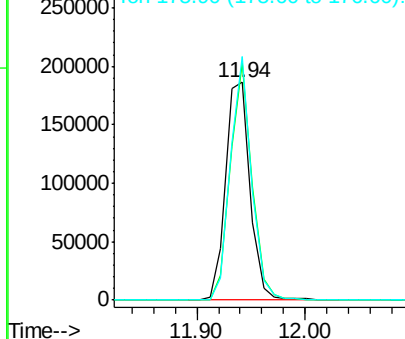


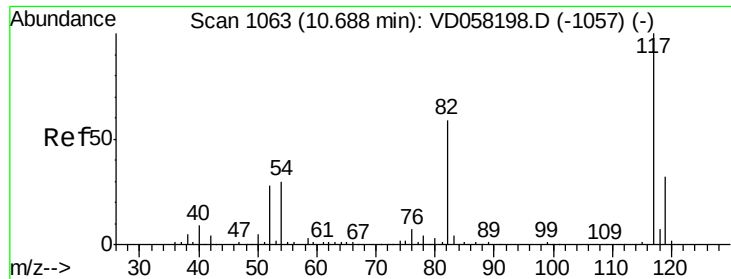
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.94 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD058230.D
Acq: 21 Jun 2018 2:41

Tgt Ion: 95 Resp: 294040
Ion Ratio Lower Upper
95 100
174 109.0 0.0 170.2
176 111.7 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) (-)

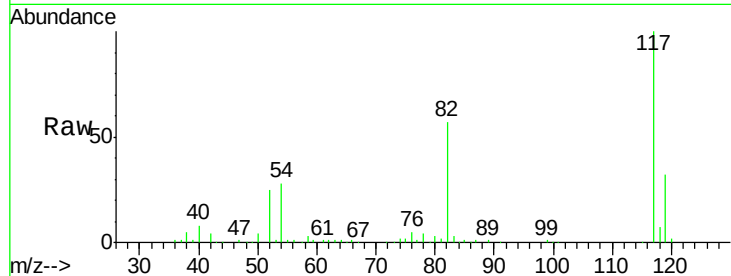




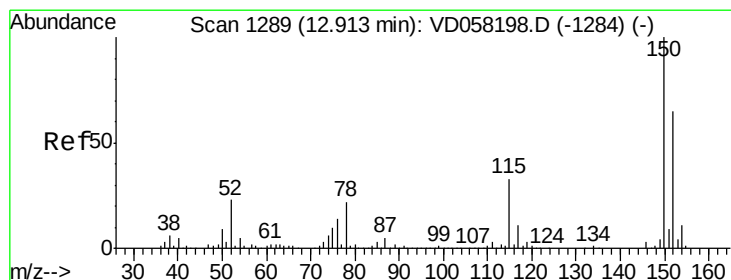
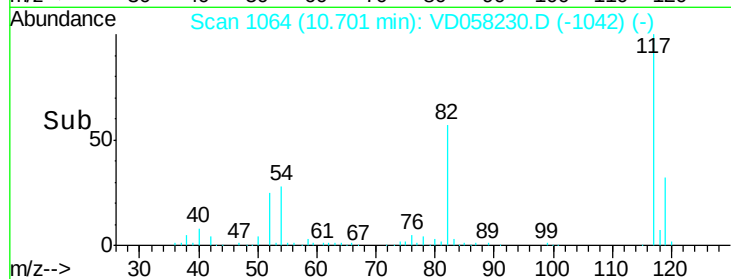
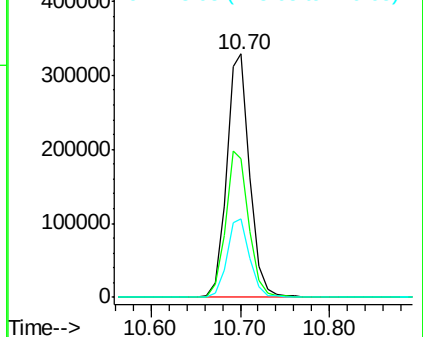
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058230.D
Acq: 21 Jun 2018 2:41

Instrument :
MSVOA_D
ClientSampleId :
CL-02-061918-B

Tot Ion:117 Resp: 599546
Ion Ratio Lower Upper
117 100
82 57.0 47.0 70.6
119 32.1 25.3 37.9

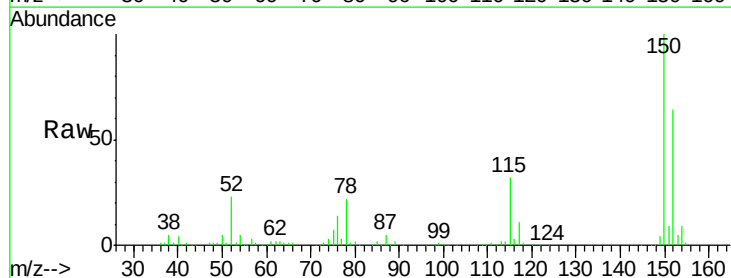


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.92 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD058230.D
Acq: 21 Jun 2018 2:41

Tgt Ion:152 Resp: 274903
Ion Ratio Lower Upper
152 100
115 50.5 25.1 75.3
150 156.1 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

