

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062818\
 Data File : VD059482.D
 Acq On : 29 Jun 2018 00:25
 Operator : VA/AP
 Sample : J3242-13
 Misc : 5.73g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-062618-G

Quant Time: Jun 29 02:38:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	574843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	773472	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	590026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	274816	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	261687	44.51	ug/l	0.00
Spiked Amount			Recovery	=	89.02%	
35) Dibromofluoromethane	5.55	113	282018	44.76	ug/l	0.00
Spiked Amount			Recovery	=	89.52%	
50) Toluene-d8	8.71	98	495569	33.65	ug/l	0.00
Spiked Amount			Recovery	=	67.30%	
62) 4-Bromofluorobenzene	11.93	95	228039	37.22	ug/l	0.00
Spiked Amount			Recovery	=	74.44%	

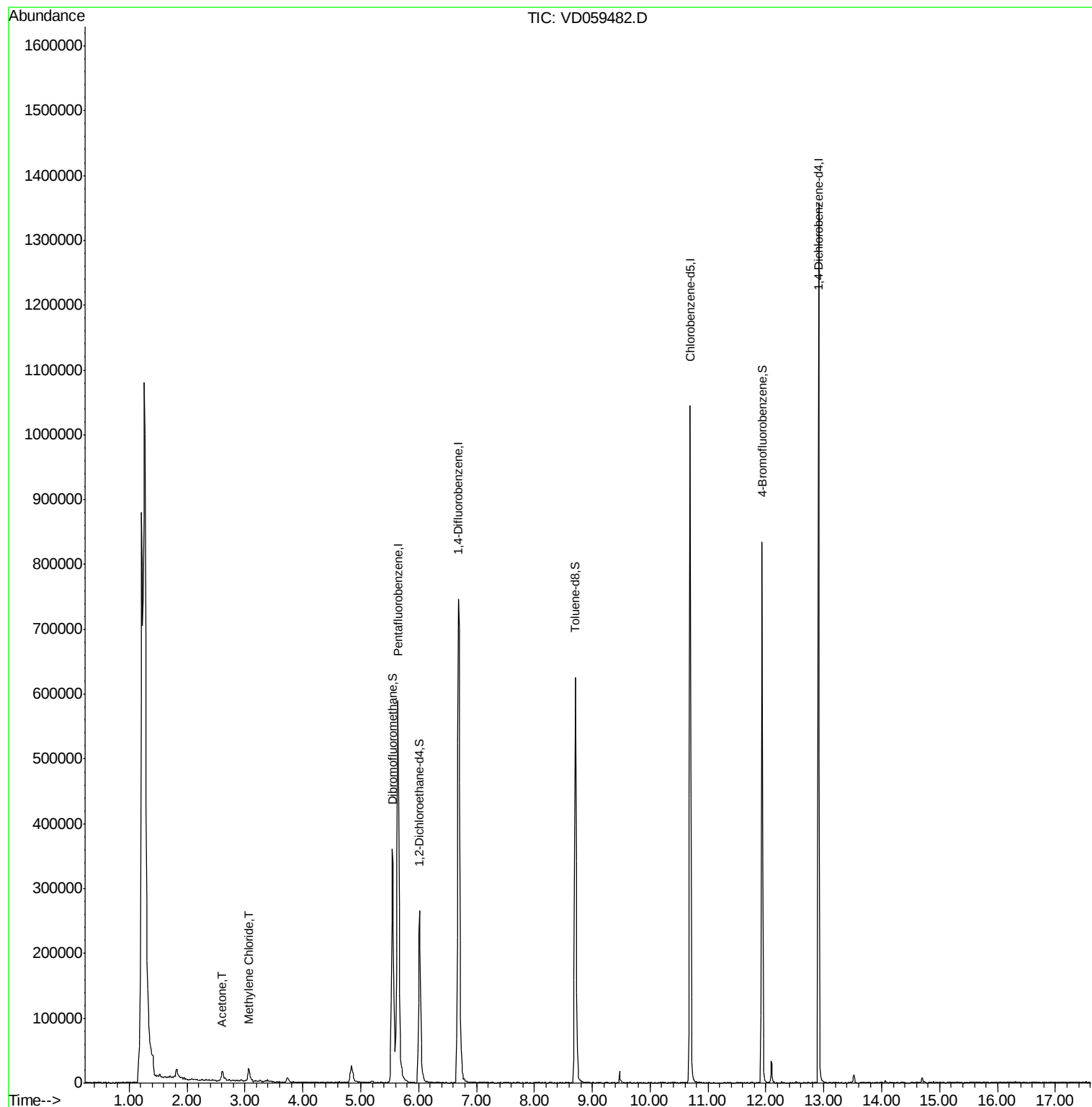
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.61	43	29211	39.37	ug/l	95
20) Methylene Chloride	3.06	84	8687	1.82	ug/l	97

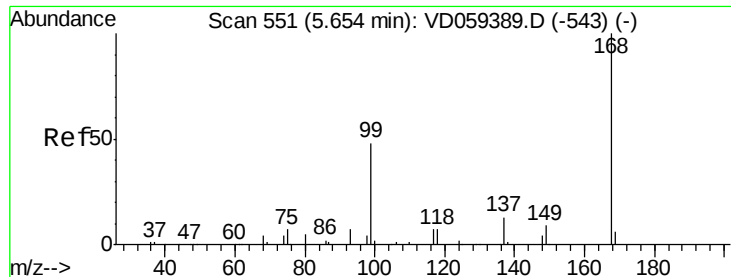
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 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: VD059482.D

Acq: 29 Jun 2018 00:25

Instrument :

MSVOA_D

ClientSampleId :

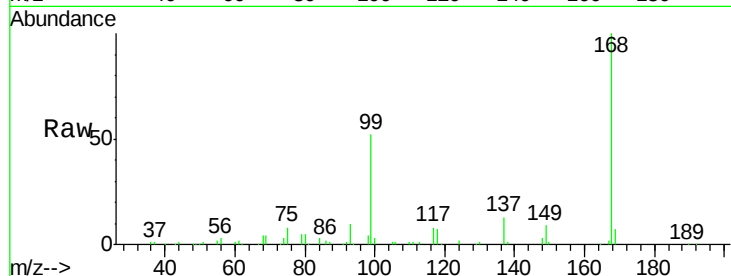
JC-02-062618-G

Tot Ion:168 Resp: 574843

Ion Ratio Lower Upper

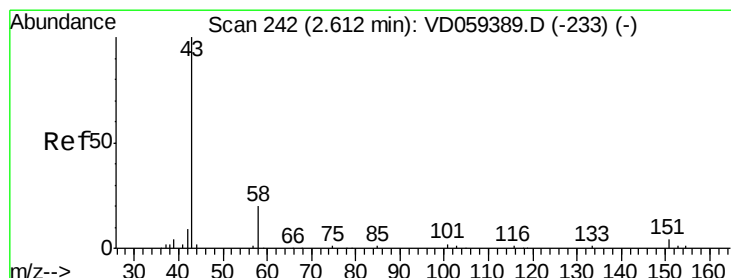
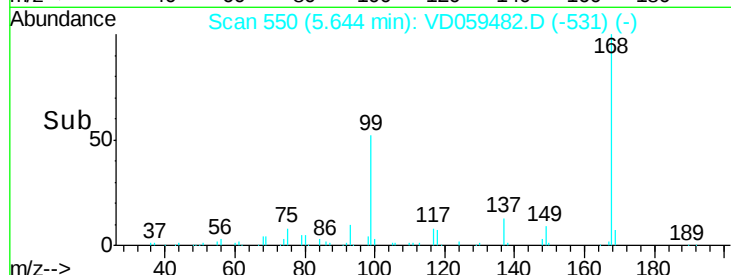
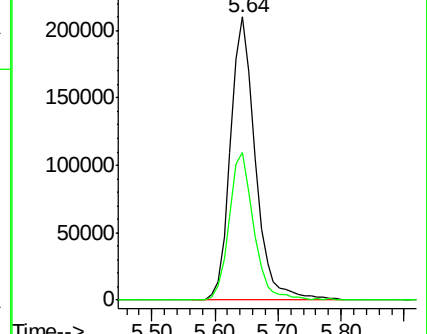
168 100

99 52.4 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 39.37 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.00 min

Lab File: VD059482.D

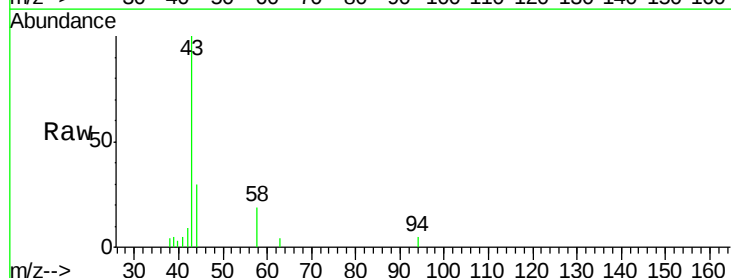
Acq: 29 Jun 2018 00:25

Tgt Ion: 43 Resp: 29211

Ion Ratio Lower Upper

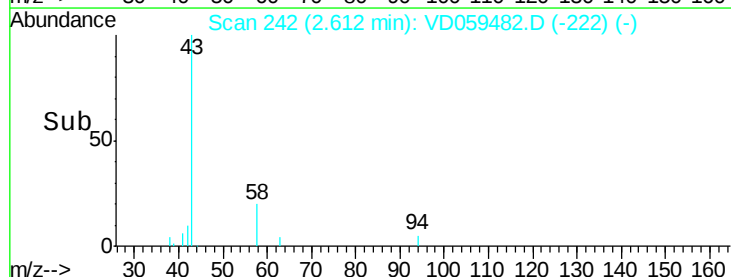
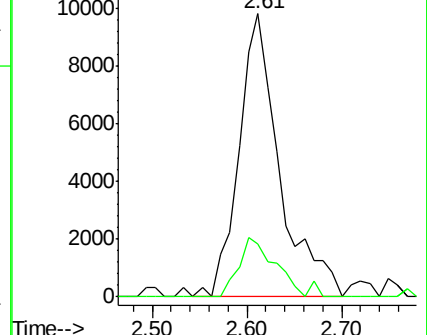
43 100

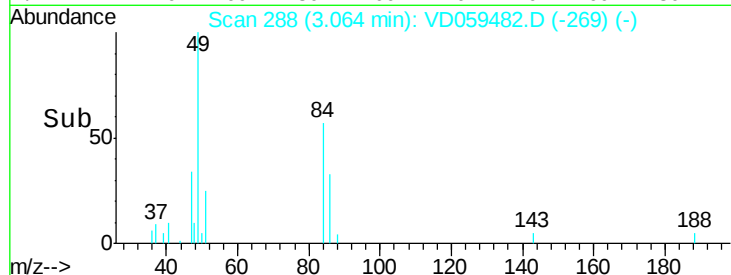
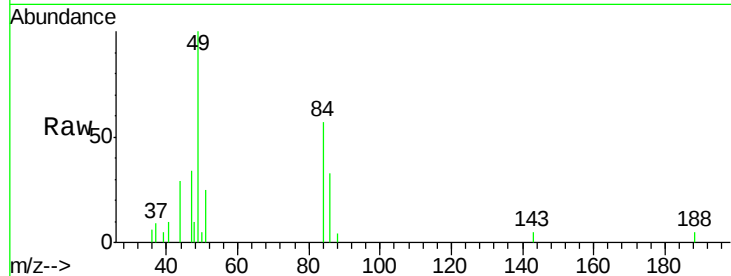
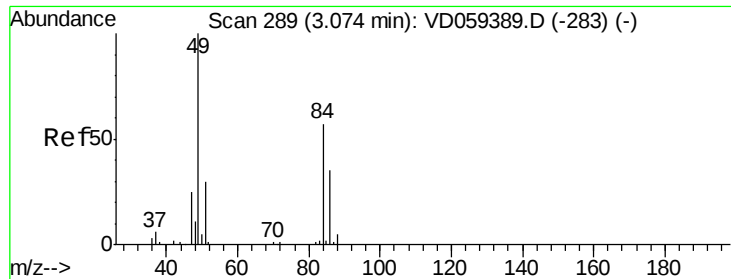
58 18.8 16.8 25.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 1.82 ug/l

RT: 3.06 min Scan# 288

Delta R.T. -0.01 min

Lab File: VD059482.D

Acq: 29 Jun 2018 00:25

Instrument :

MSVOA_D

ClientSampleId :

JC-02-062618-G

Tot Ion: 84 Resp: 8687

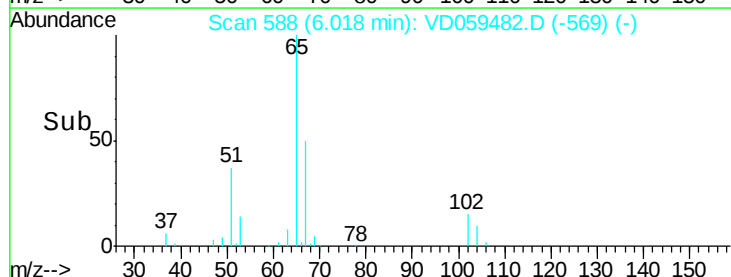
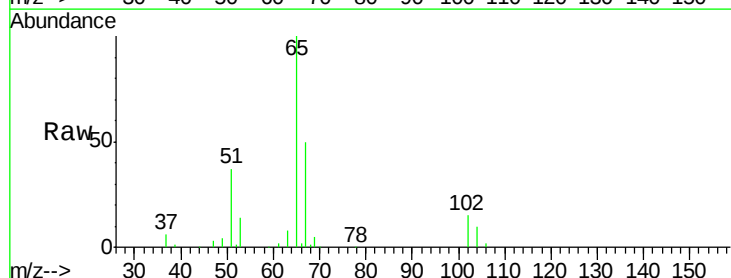
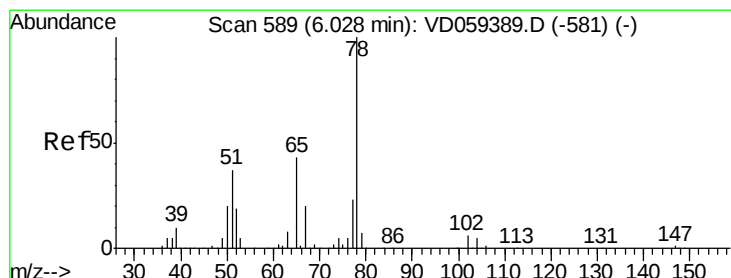
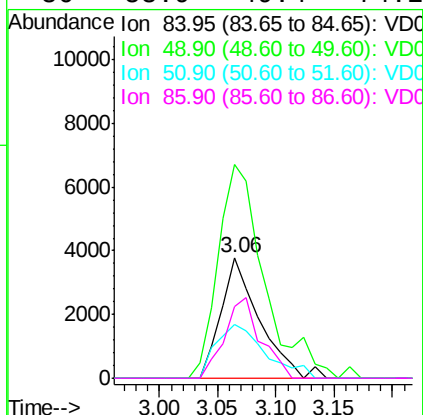
Ion Ratio Lower Upper

84 100

49 176.9 140.3 210.5

51 45.0 41.6 62.4

86 58.9 49.4 74.2



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.02 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD059482.D

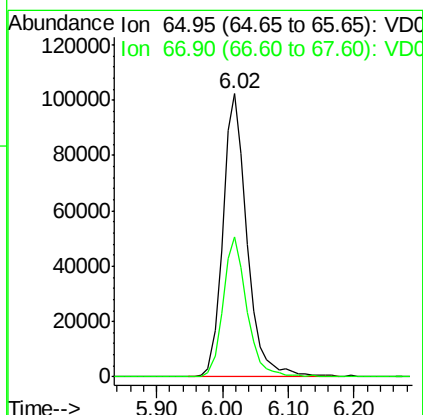
Acq: 29 Jun 2018 00:25

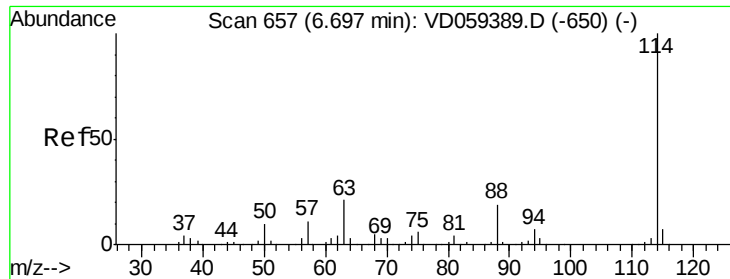
Tgt Ion: 65 Resp: 261687

Ion Ratio Lower Upper

65 100

67 49.6 0.0 93.8

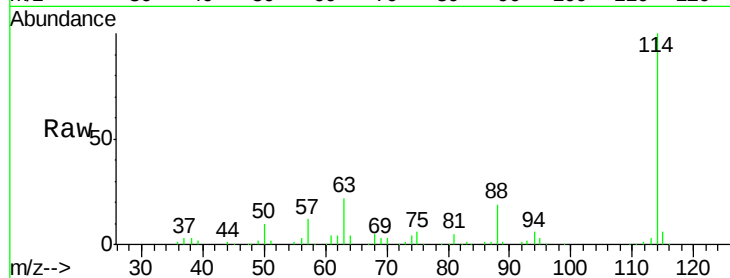




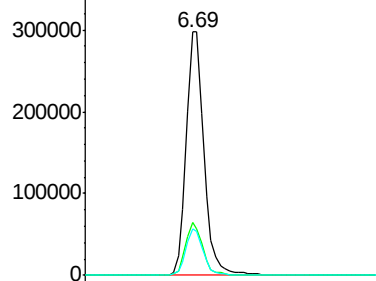
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VD059482.D
 Acq: 29 Jun 2018 00:25

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-062618-G

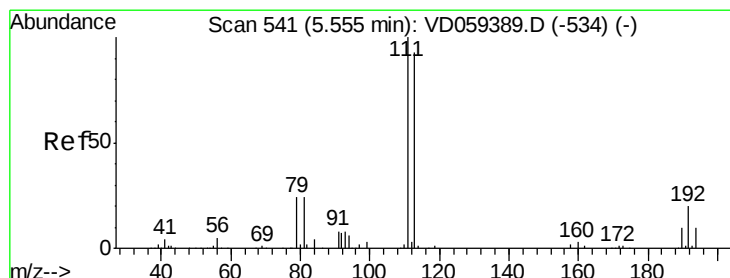
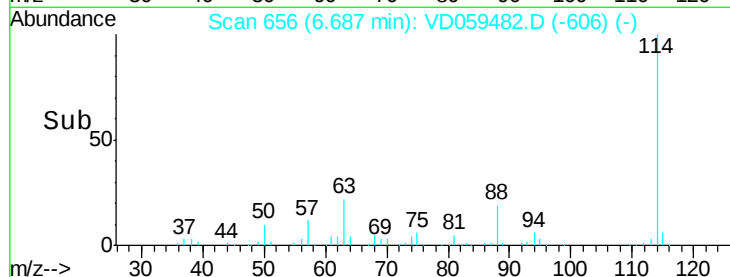
Tot Ion:114 Resp: 773472
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 42.4
 88 18.9 0.0 38.0



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

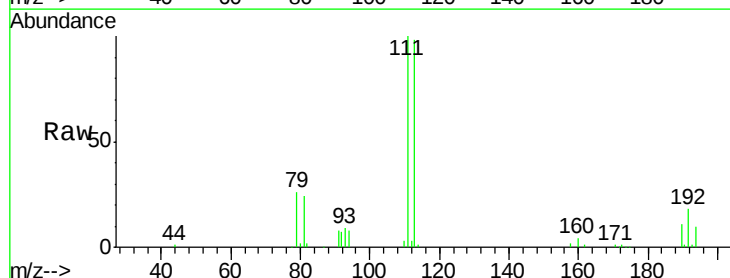


Time-->

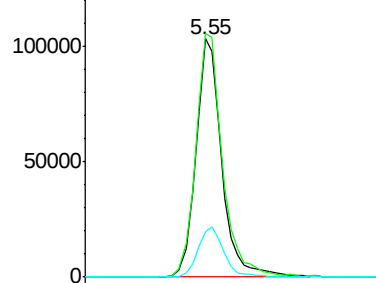


#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.55 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: VD059482.D
 Acq: 29 Jun 2018 00:25

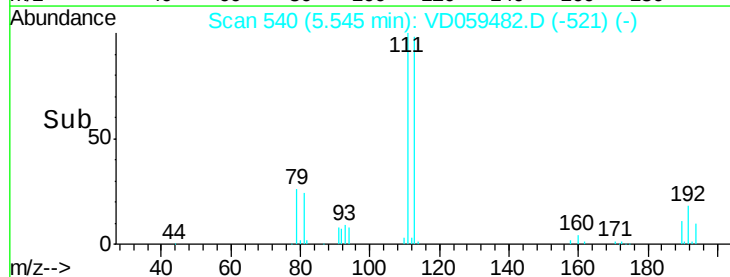
Tgt Ion:113 Resp: 282018
 Ion Ratio Lower Upper
 113 100
 111 102.2 85.7 128.5
 192 18.8 16.9 25.3

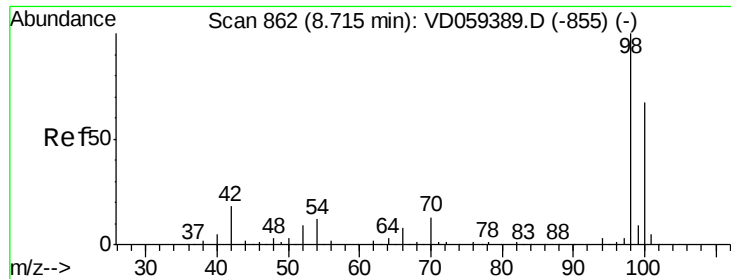


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V



Time-->

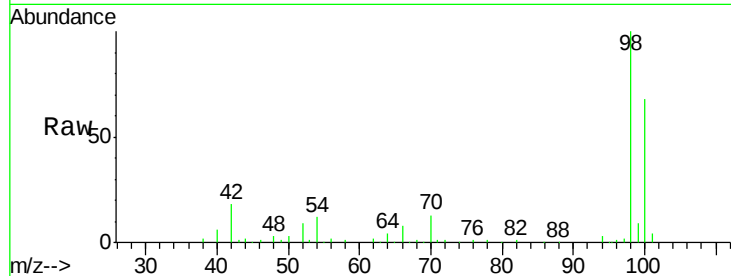




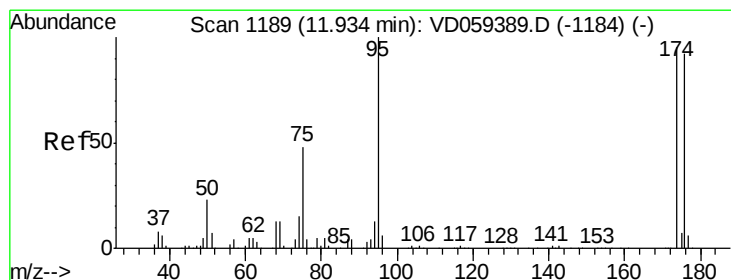
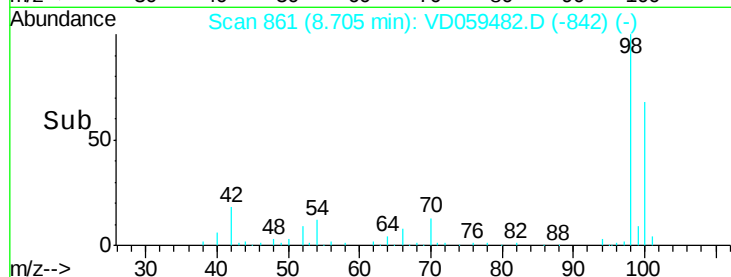
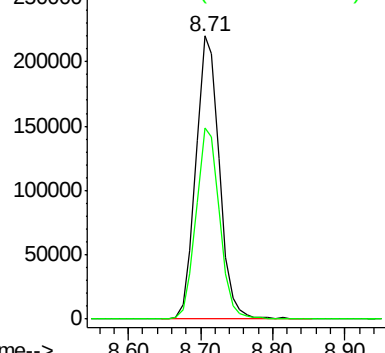
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD059482.D
Acq: 29 Jun 2018 00:25

Instrument :
MSVOA_D
ClientSampleId :
JC-02-062618-G

Tot Ion: 98 Resp: 495569
Ion Ratio Lower Upper
98 100
100 67.6 54.4 81.6

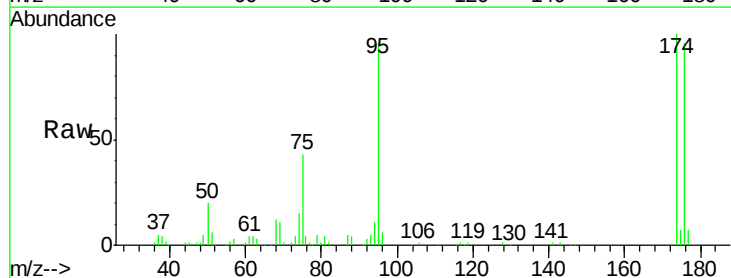


Abundance Ion 98.05 (97.75 to 98.75): VD059389.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD059389.D (-855) (-)

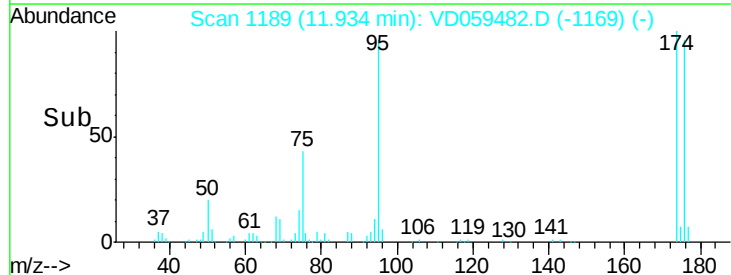
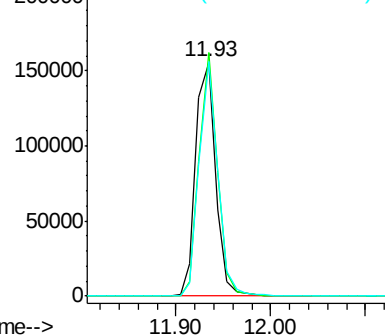


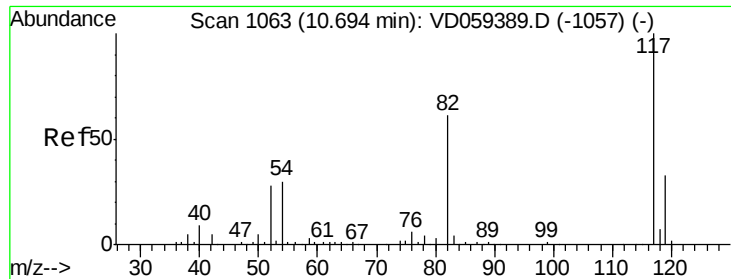
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VD059482.D
Acq: 29 Jun 2018 00:25

Tgt Ion: 95 Resp: 228039
Ion Ratio Lower Upper
95 100
174 104.2 0.0 190.4
176 100.4 0.0 183.2



Abundance Ion 95.00 (94.70 to 95.70): VD059389.D (-1184) (-)
Ion 173.90 (173.60 to 174.60): VD059389.D (-1184) (-)
Ion 175.90 (175.60 to 176.60): VD059389.D (-1184) (-)

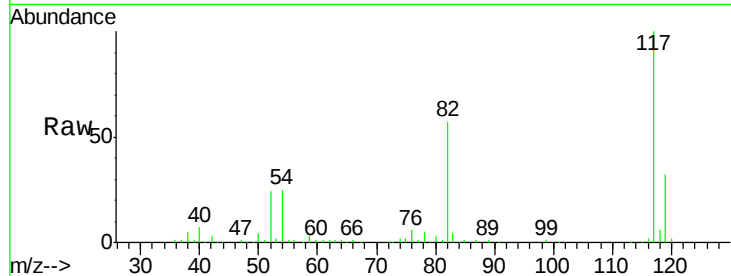




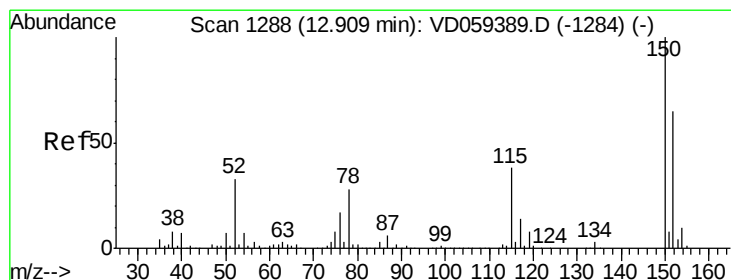
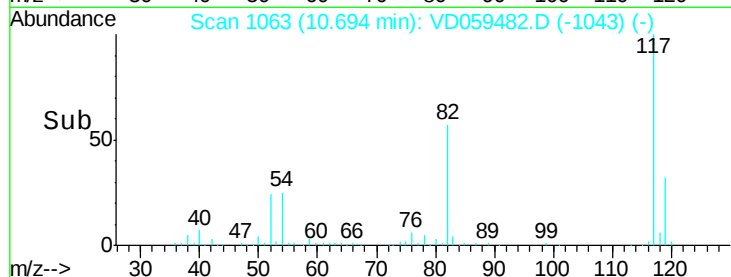
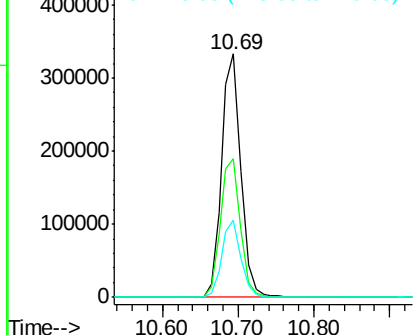
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VD059482.D
Acq: 29 Jun 2018 00:25

Instrument :
MSVOA_D
ClientSampleId :
JC-02-062618-G

Tot Ion:117 Resp: 590026
Ion Ratio Lower Upper
117 100
82 57.1 49.0 73.6
119 31.6 26.2 39.4

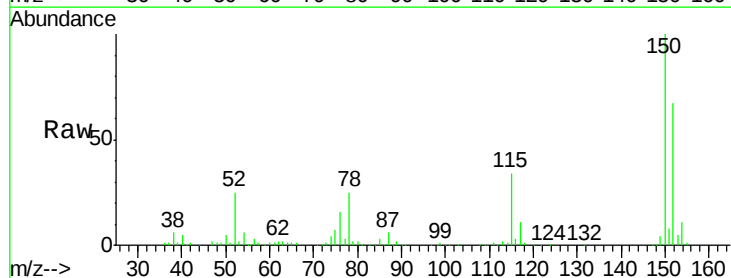


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD059482.D
Acq: 29 Jun 2018 00:25

Tgt Ion:152 Resp: 274816
Ion Ratio Lower Upper
152 100
115 51.2 29.4 88.3
150 150.2 0.0 308.2



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

