

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062718\
 Data File : VD059453.D
 Acq On : 27 Jun 2018 19:16
 Operator : VA/AP
 Sample : J3629-02RE
 Misc : 6.62g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A0C2-02RE

Quant Time: Jun 28 04:14:44 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

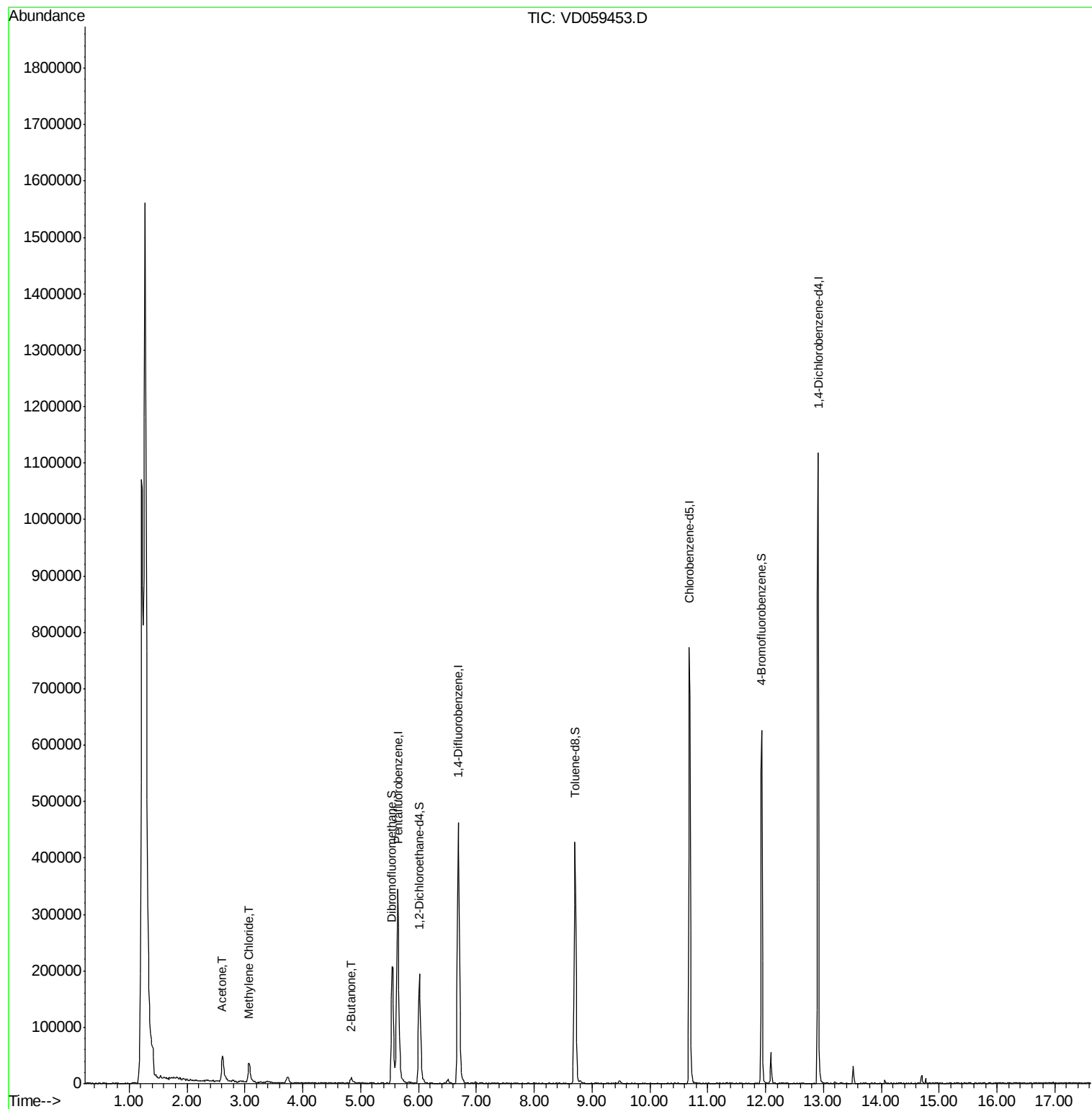
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	353459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	474745	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	425670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	246735	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	185782	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
35) Dibromofluoromethane	5.55	113	169179	43.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.50%	
50) Toluene-d8	8.71	98	330354	36.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.08%	
62) 4-Bromofluorobenzene	11.93	95	175381	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
Target Compounds						
16) Acetone	2.61	43	95709	209.80	ug/l #	90
20) Methylene Chloride	3.07	84	17531	11.96	ug/l #	79
25) 2-Butanone	4.84	43	16152	16.90	ug/l	92

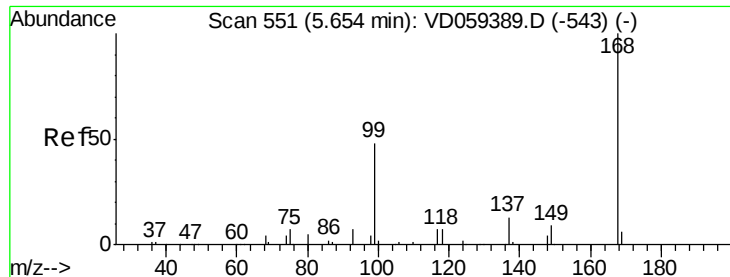
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD059453.D

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Instrument :

MSVOA_D

ClientSampleId :

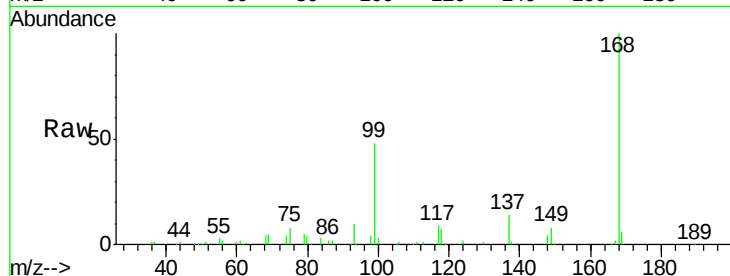
A0C2-02RE

Tot Ion:168 Resp: 353459

Ion Ratio Lower Upper

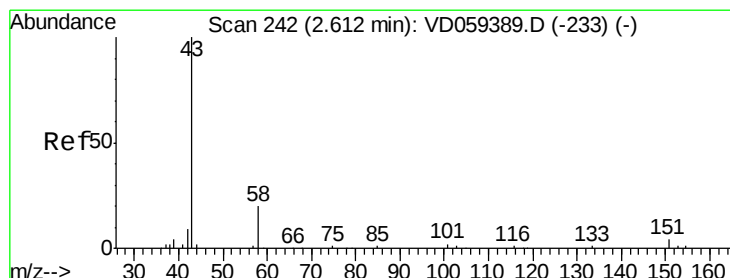
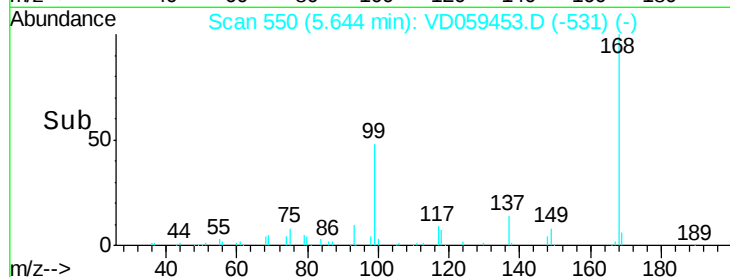
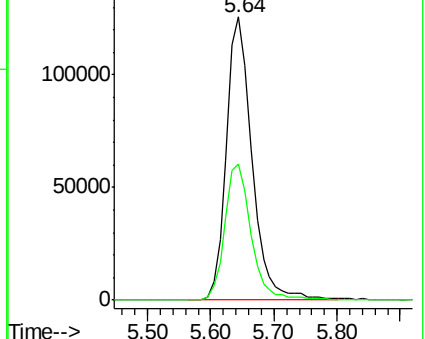
168 100

99 48.1 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: 209.80 ug/l

RT: 2.61 min Scan# 242

Delta R.T. 0.00 min

Lab File: VD059453.D

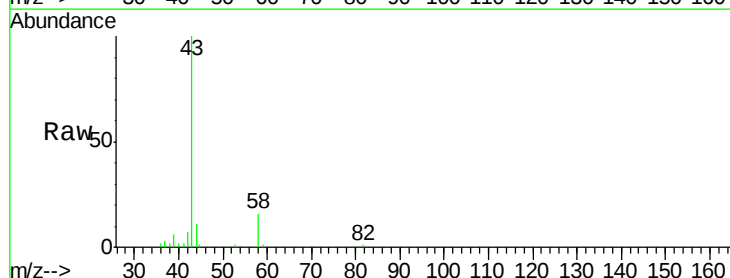
Acq: 27 Jun 2018 19:16

Tgt Ion: 43 Resp: 95709

Ion Ratio Lower Upper

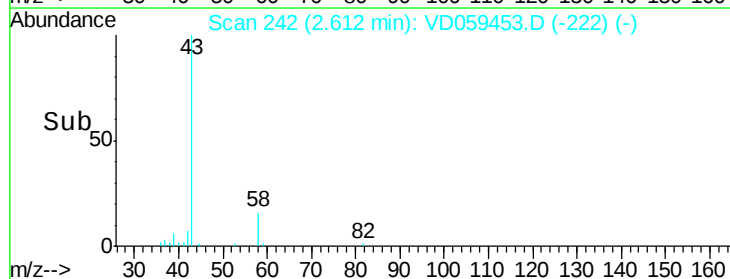
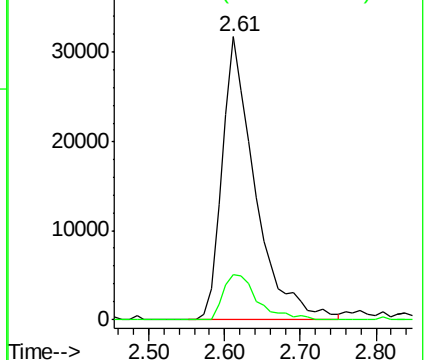
43 100

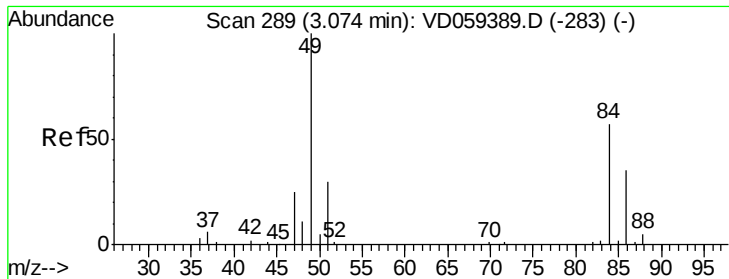
58 16.1 16.8 25.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

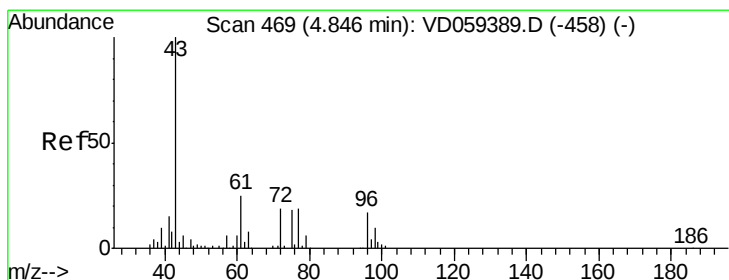
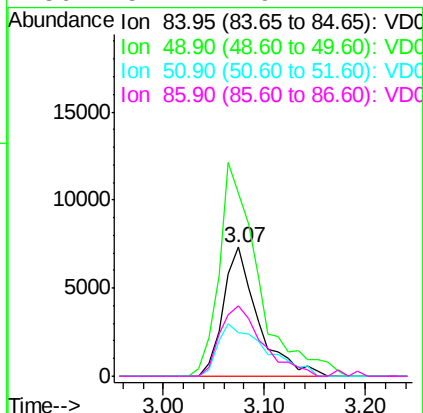
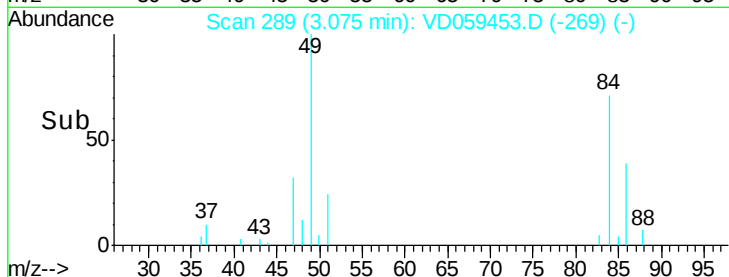
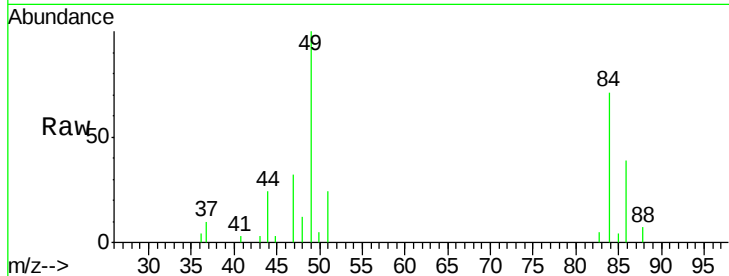




#20
Methvlene Chloride
Concen: 11.96 ug/l
RT: 3.07 min Scan# 289
Delta R.T. 0.00 min
Lab File: VD059453.D
Acq: 27 Jun 2018 19:16

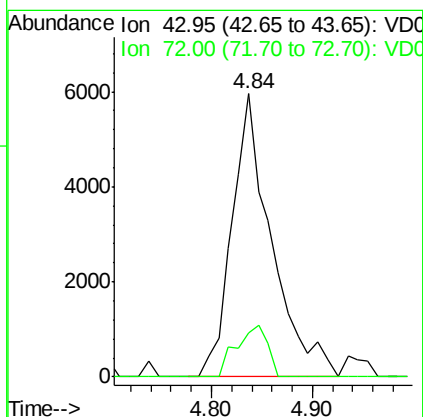
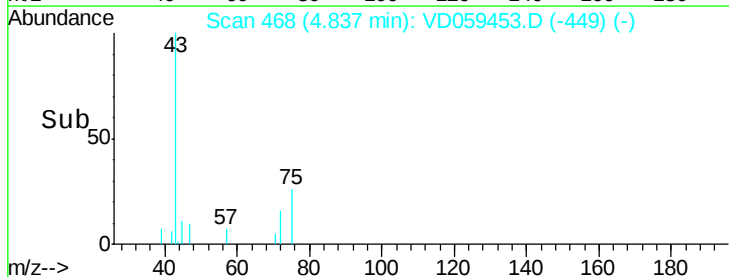
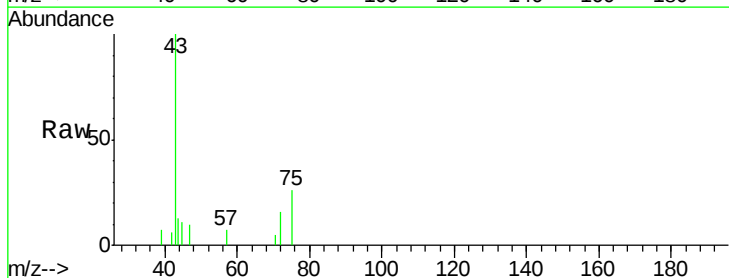
Instrument :
MSVOA_D
ClientSampleId :
A0C2-02RE

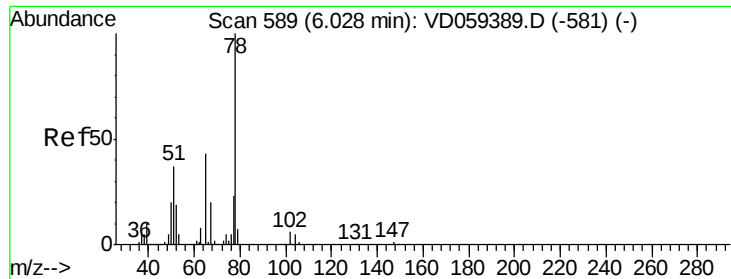
Tot Ion: 84 Resp: 17531
Ion Ratio Lower Upper
84 100
49 141.6 140.3 210.5
51 33.7 41.6 62.4#
86 54.7 49.4 74.2



#25
2-Butanone
Concen: 16.90 ug/l
RT: 4.84 min Scan# 468
Delta R.T. -0.01 min
Lab File: VD059453.D
Acq: 27 Jun 2018 19:16

Tgt Ion: 43 Resp: 16152
Ion Ratio Lower Upper
43 100
72 15.8 15.4 23.2





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.02 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD059453.D

Acq: 27 Jun 2018 19:16

Instrument :

MSVOA_D

ClientSampleId :

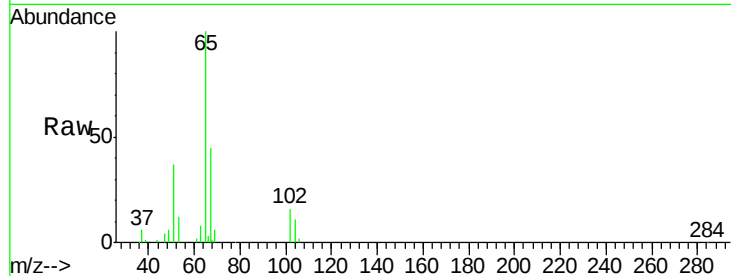
A0C2-02RE

Tot Ion: 65 Resp: 185782

Ion Ratio Lower Upper

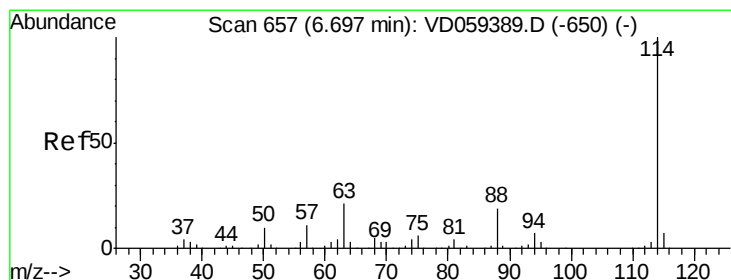
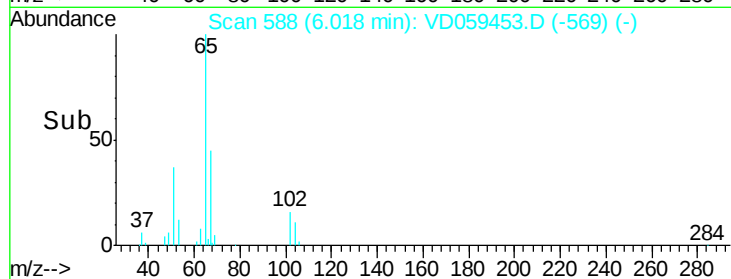
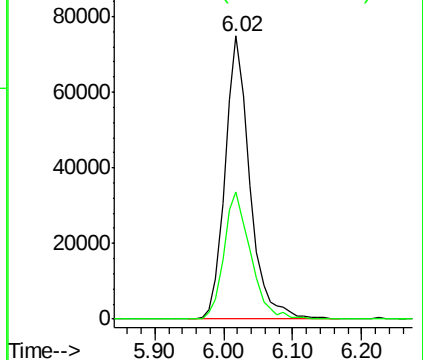
65 100

67 45.0 0.0 93.8



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: 6.69 min Scan# 656

Delta R.T. -0.01 min

Lab File: VD059453.D

Acq: 27 Jun 2018 19:16

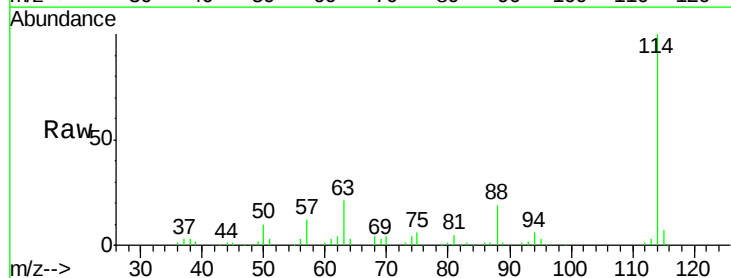
Tgt Ion: 114 Resp: 474745

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.4

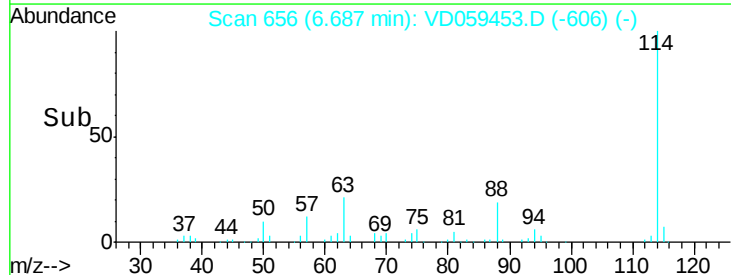
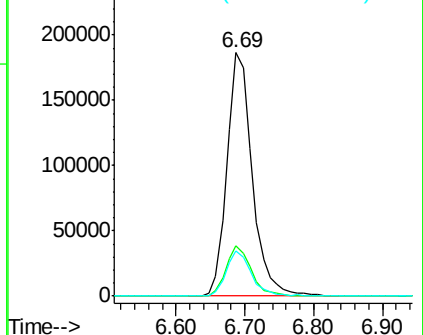
88 18.6 0.0 38.0

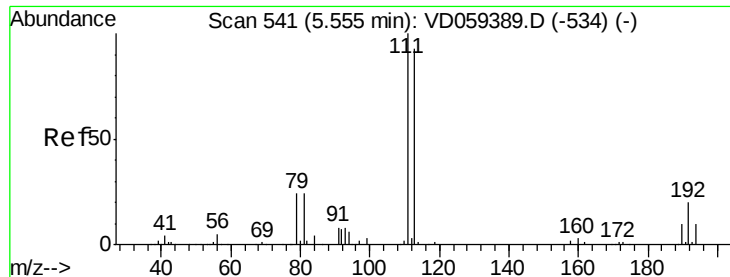


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

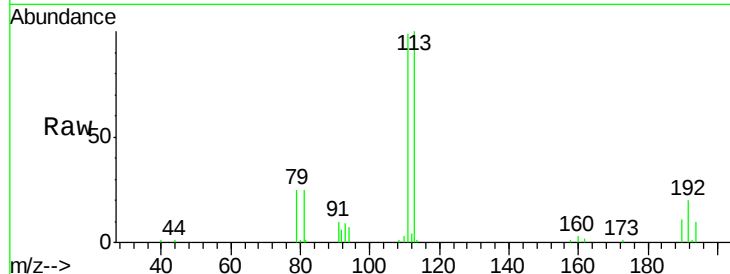




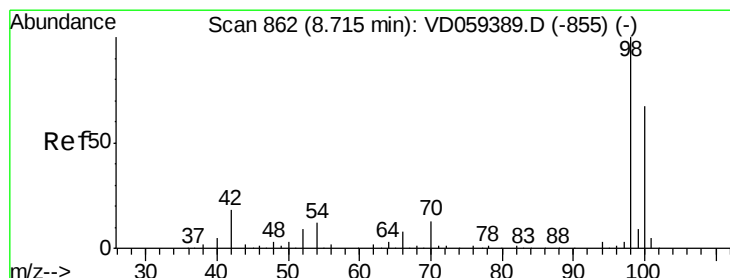
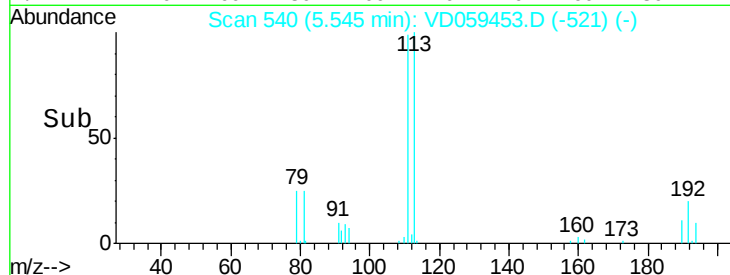
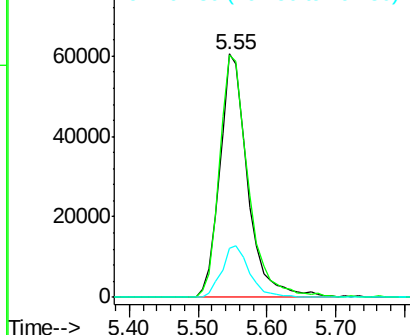
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.55 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: VD059453.D
 Acq: 27 Jun 2018 19:16

Instrument :
 MSVOA_D
 ClientSampleId :
 A0C2-02RE

Tot Ion:113 Resp: 169179
 Ion Ratio Lower Upper
 113 100
 111 99.5 85.7 128.5
 192 20.3 16.9 25.3

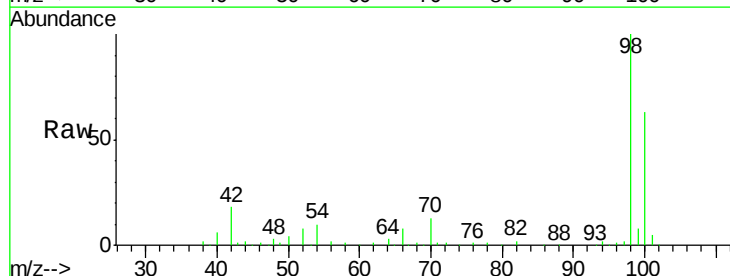


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

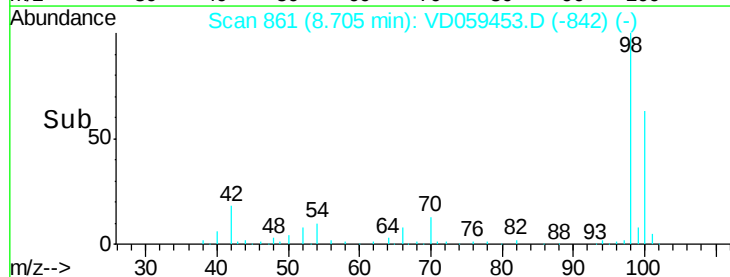
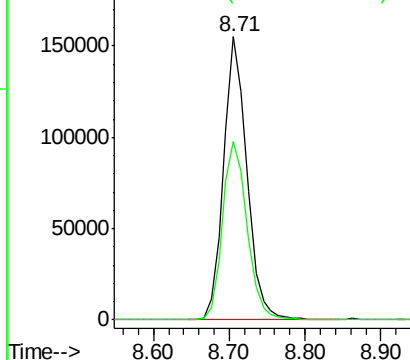


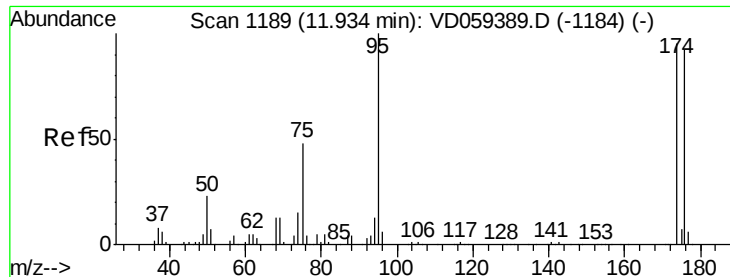
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.71 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: VD059453.D
 Acq: 27 Jun 2018 19:16

Tgt Ion: 98 Resp: 330354
 Ion Ratio Lower Upper
 98 100
 100 63.2 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VDC

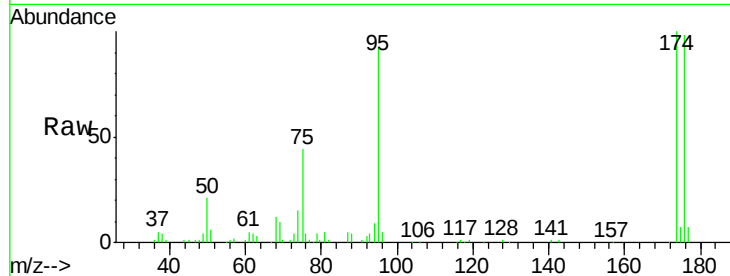




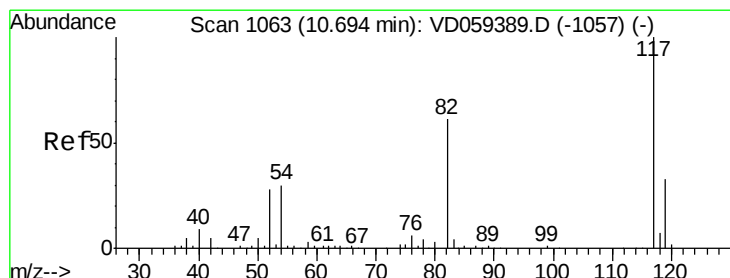
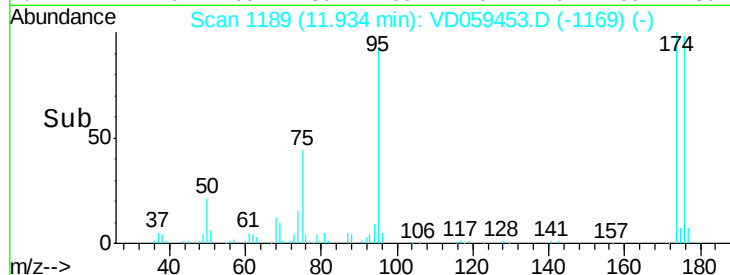
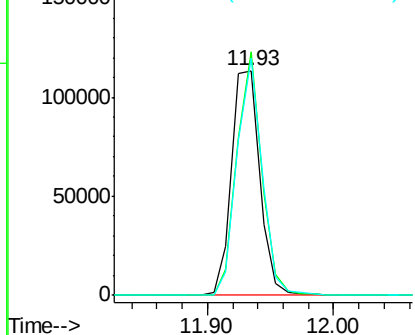
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD059453.D
Acq: 27 Jun 2018 19:16

Instrument :
MSVOA_D
ClientSampleId :
A0C2-02RE

Tot Ion: 95 Resp: 175381
Ion Ratio Lower Upper
95 100
174 108.4 0.0 190.4
176 105.9 0.0 183.2

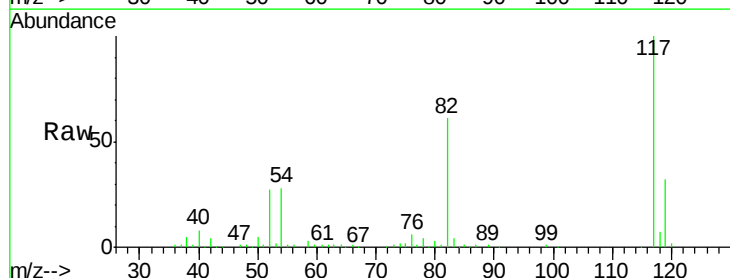


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

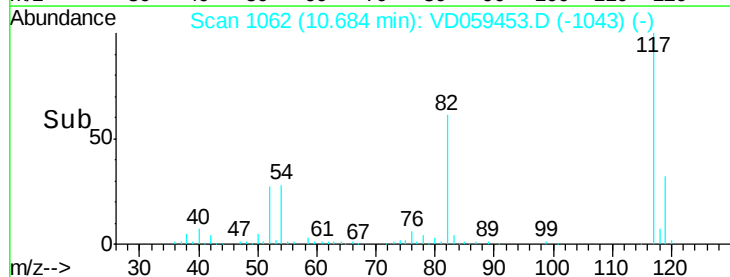
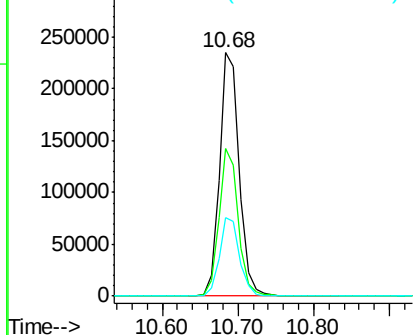


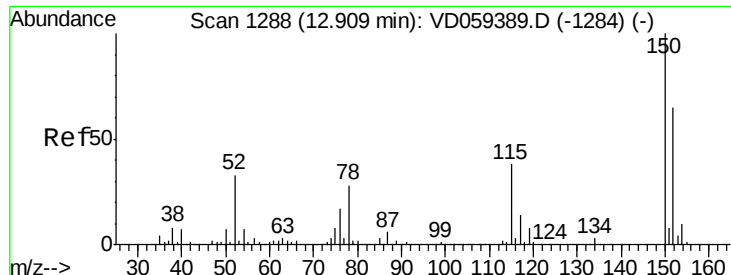
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD059453.D
Acq: 27 Jun 2018 19:16

Tgt Ion: 117 Resp: 425670
Ion Ratio Lower Upper
117 100
82 60.7 49.0 73.6
119 32.3 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: VD059453.D

Acq: 27 Jun 2018 19:16

Instrument :

MSVOA_D

ClientSampleId :

A0C2-02RE

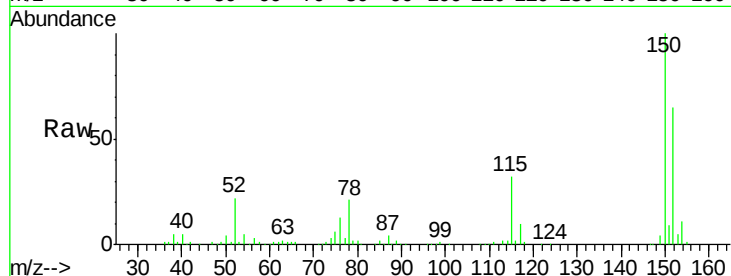
Tot Ion:152 Resp: 246735

Ion Ratio Lower Upper

152 100

115 49.9 29.4 88.3

150 154.0 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

