

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060818\
 Data File : VD058031.D
 Acq On : 8 Jun 2018 21:27
 Operator : VA/AP
 Sample : J3377-04
 Misc : 5.76g/5ml/MSVOA D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-B-D

Quant Time: Jun 09 01:55:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

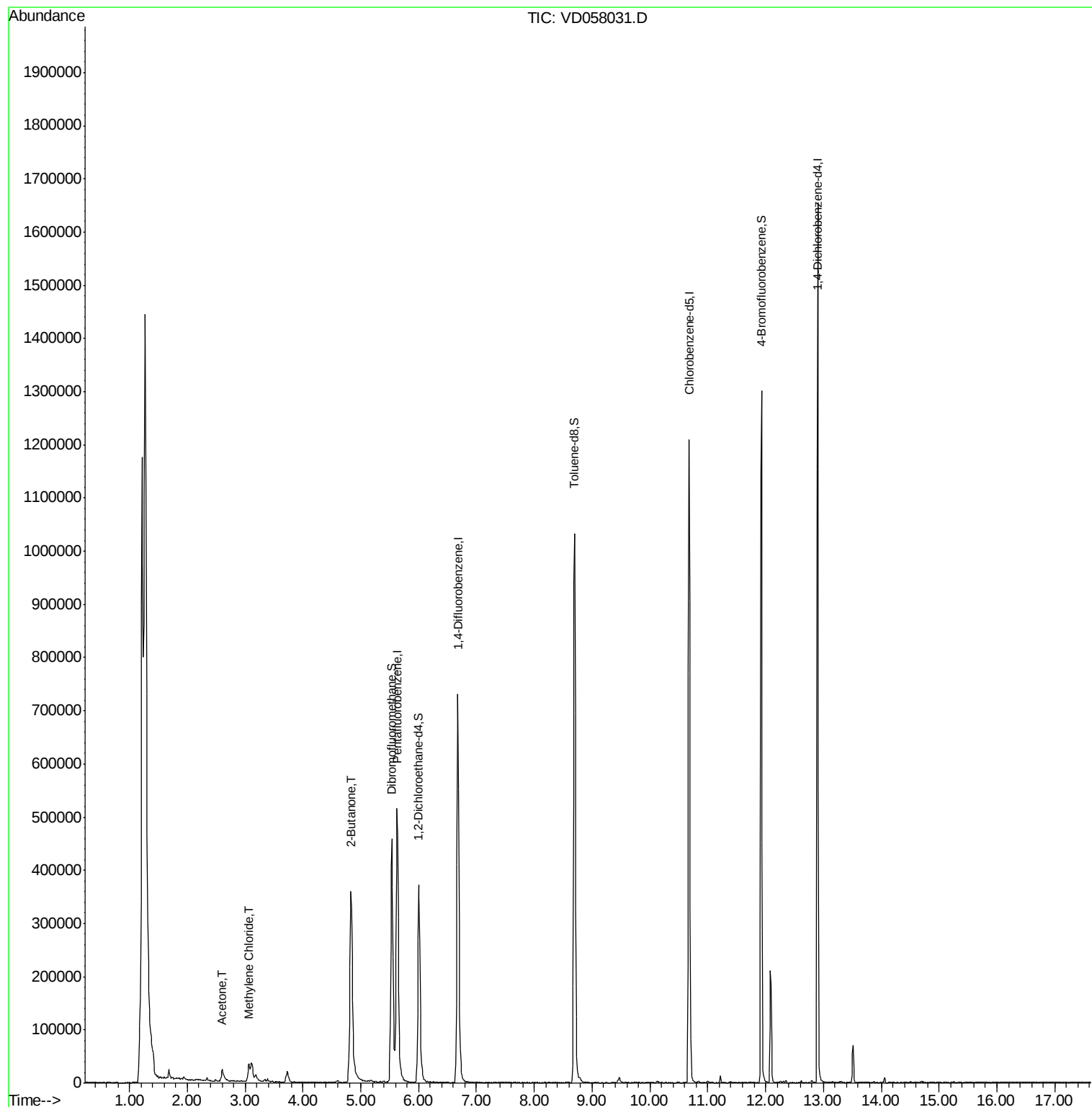
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	505513	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	727738	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	633192	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	342029	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	380227	75.24	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	150.48%	
35) Dibromofluoromethane	5.54	113	371557	65.99	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	131.98%	
50) Toluene-d8	8.70	98	805552	60.18	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	120.36%	
62) 4-Bromofluorobenzene	11.93	95	370408	63.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.86%	
Target Compounds						
16) Acetone	2.60	43	49198	67.57	ug/l	Qvalue 100
20) Methylene Chloride	3.07	84	16927	1.99	ug/l	83
25) 2-Butanone	4.83	43	33472	20.23	ug/l #	87

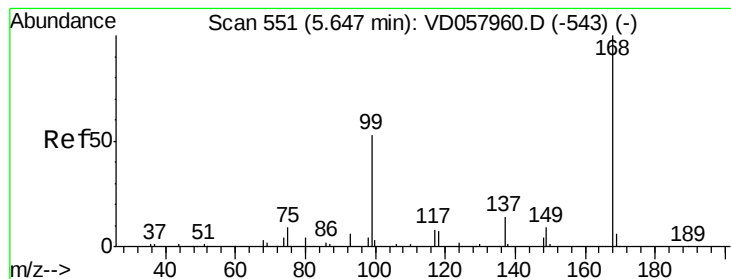
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD060818\
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Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.02 min

Lab File: VD058031.D

Acq: 8 Jun 2018 21:27

Instrument :

MSVOA_D

ClientSampleID :

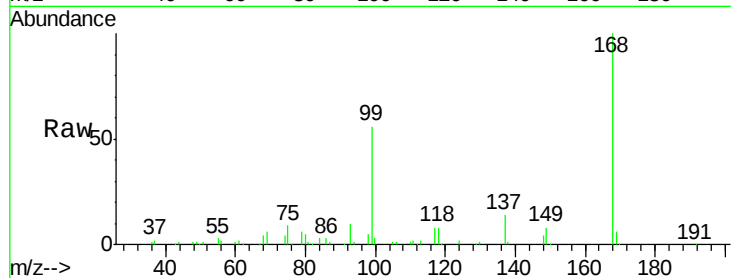
TP-B-D

Tot Ion:168 Resp: 505513

Ion Ratio Lower Upper

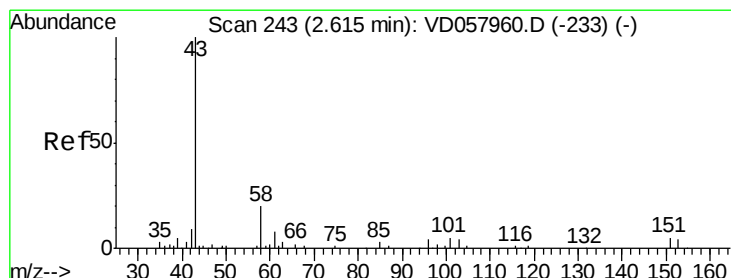
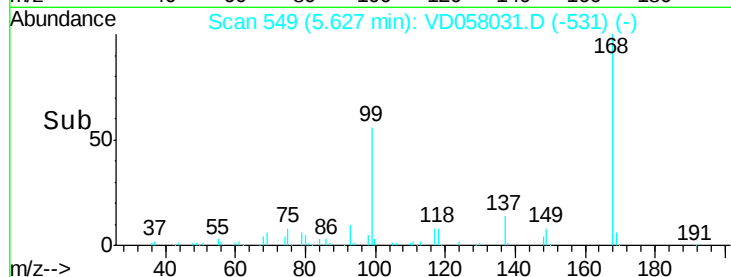
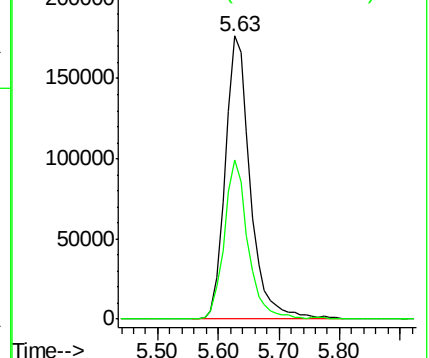
168 100

99 56.3 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 67.57 ug/l

RT: 2.60 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD058031.D

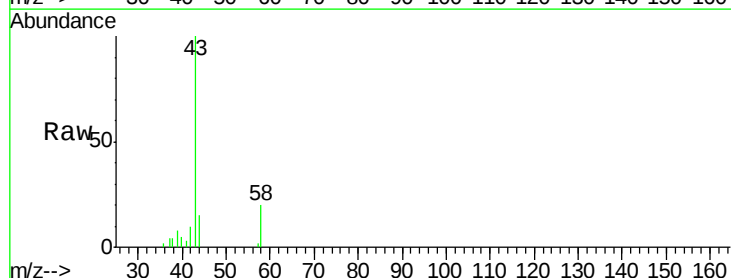
Acq: 8 Jun 2018 21:27

Tgt Ion: 43 Resp: 49198

Ion Ratio Lower Upper

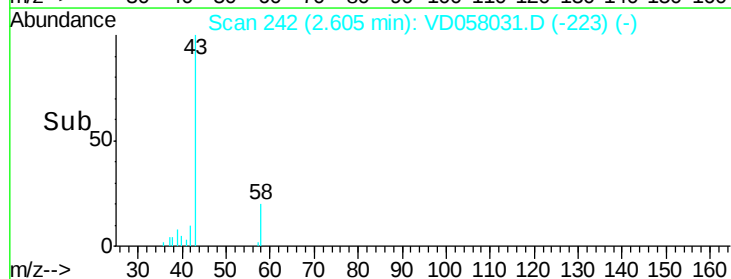
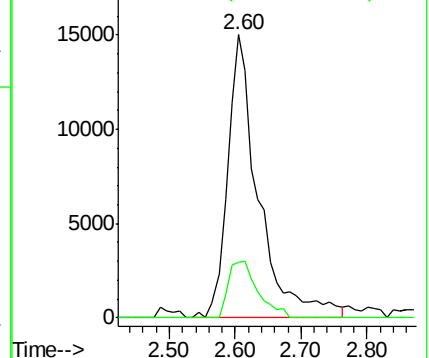
43 100

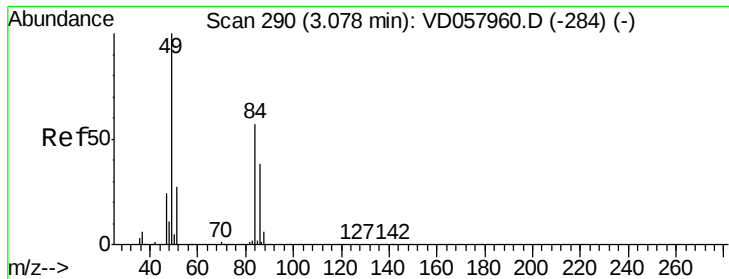
58 19.8 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

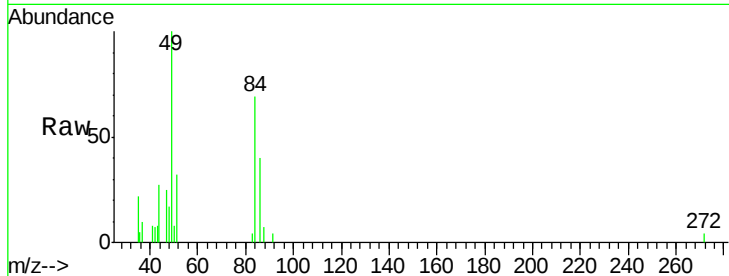




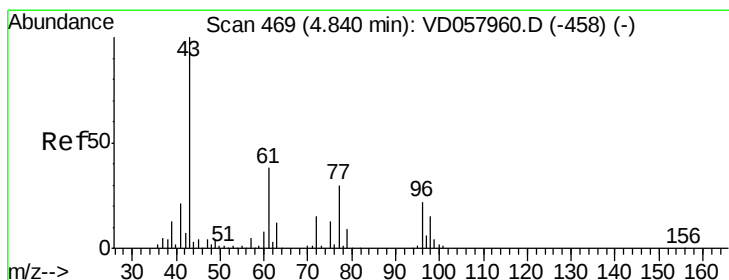
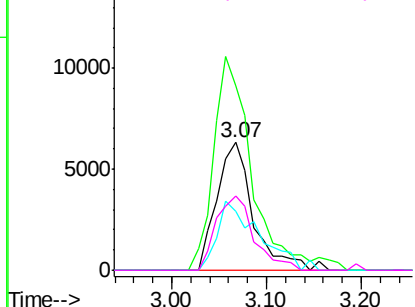
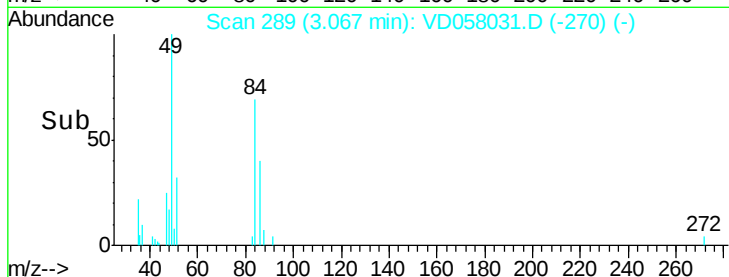
#20
Methvlene Chloride
Concen: 1.99 ug/l
RT: 3.07 min Scan# 289
Delta R.T. -0.01 min
Lab File: VD058031.D
Acq: 8 Jun 2018 21:27

Instrument :
MSVOA_D
ClientSampleId :
TP-B-D

Tot Ion:	84	Resp:	16927
Ion	Ratio	Lower	Upper
84	100		
49	144.1	141.4	212.0
51	46.4	38.3	57.5
86	58.3	52.9	79.3

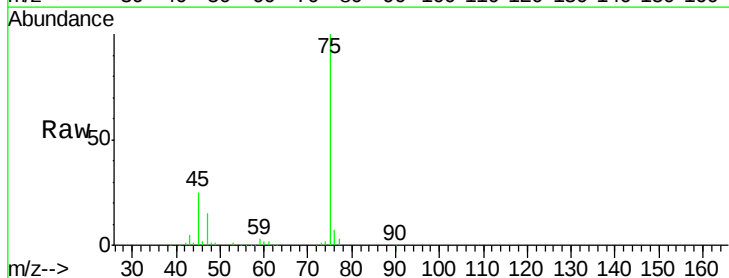


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

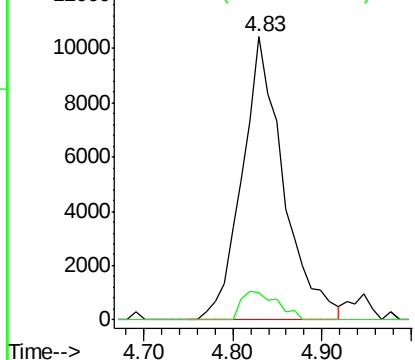
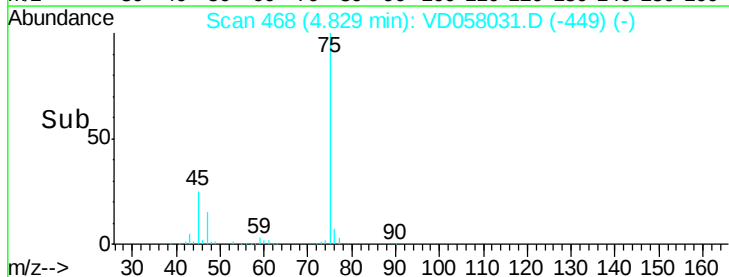


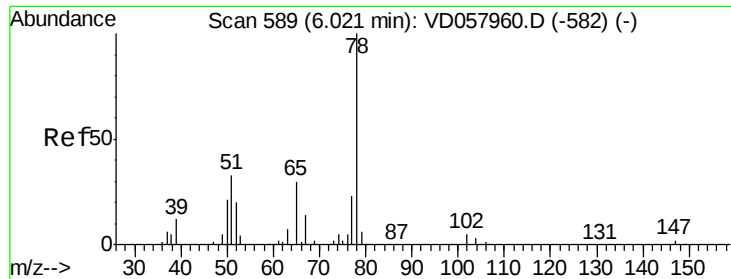
#25
2-Butanone
Concen: 20.23 ug/l
RT: 4.83 min Scan# 468
Delta R.T. -0.01 min
Lab File: VD058031.D
Acq: 8 Jun 2018 21:27

Tgt Ion:	43	Resp:	33472
Ion	Ratio	Lower	Upper
43	100		
72	9.5	12.0	18.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC

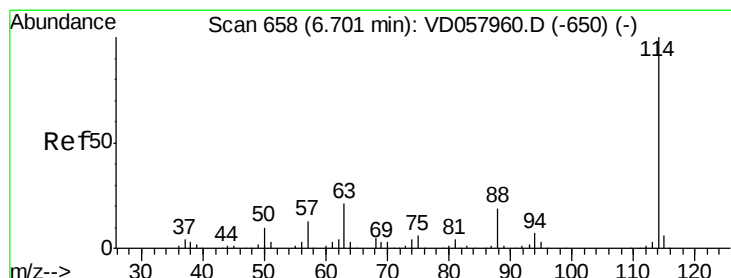
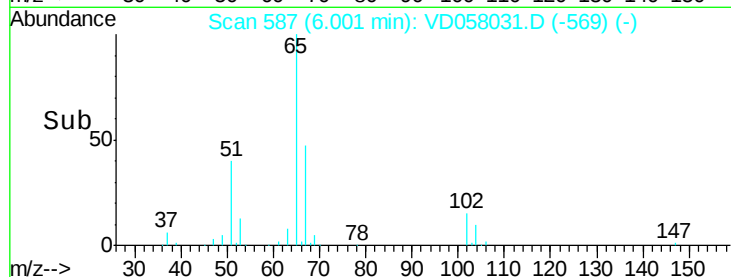
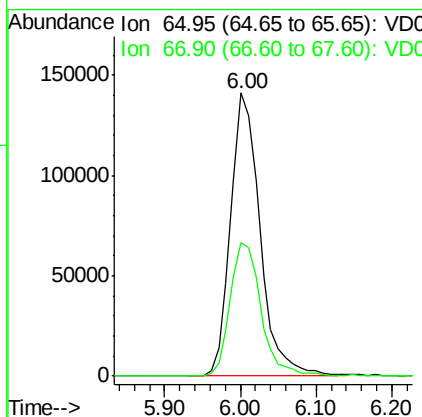
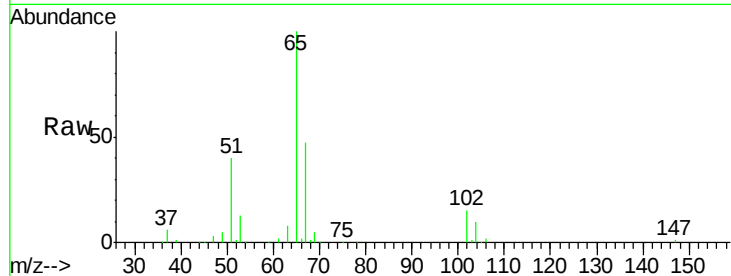




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.00 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: VD058031.D
 Acq: 8 Jun 2018 21:27

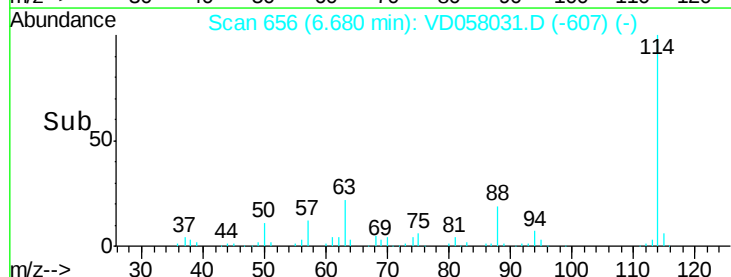
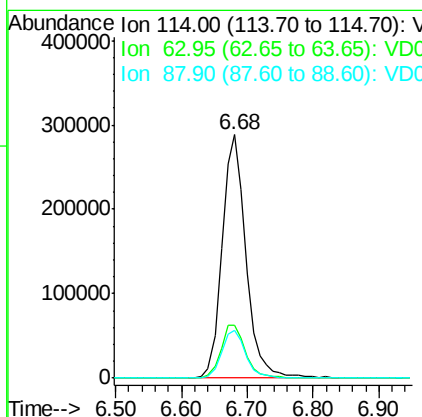
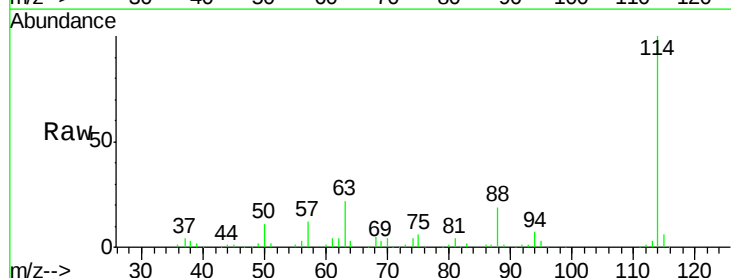
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-B-D

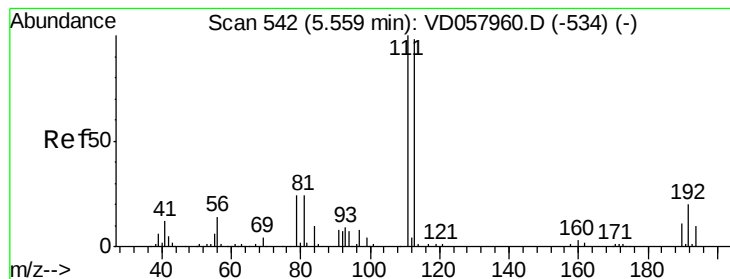
Tot Ion: 65 Resp: 380227
 Ion Ratio Lower Upper
 65 100
 67 47.2 0.0 94.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: VD058031.D
 Acq: 8 Jun 2018 21:27

Tgt Ion: 114 Resp: 727738
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 42.8
 88 19.5 0.0 37.8





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.02 min

Lab File: VD058031.D

Acq: 8 Jun 2018 21:27

Instrument :

MSVOA_D

ClientSampleId :

TP-B-D

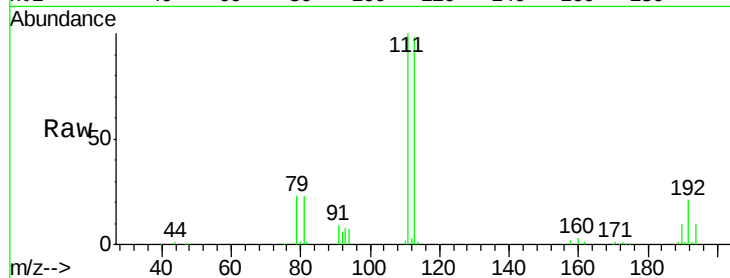
Tot Ion:113 Resp: 371557

Ion Ratio Lower Upper

113 100

111 101.9 81.5 122.3

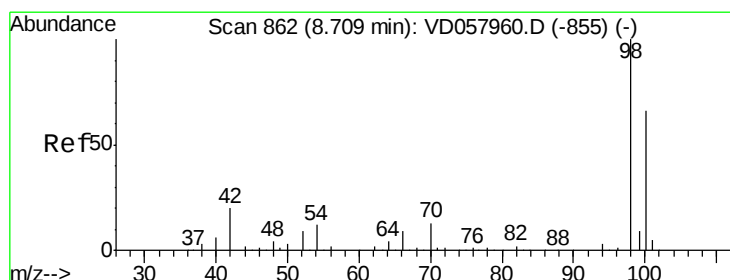
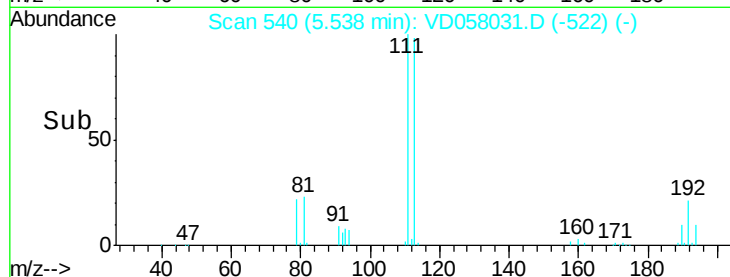
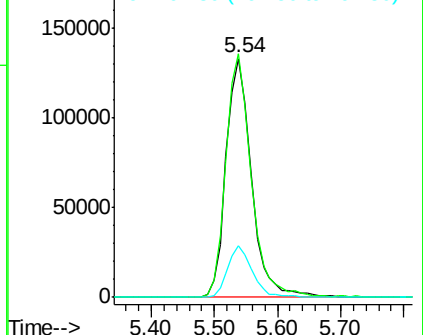
192 21.8 16.4 24.6



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: 8.70 min Scan# 861

Delta R.T. -0.01 min

Lab File: VD058031.D

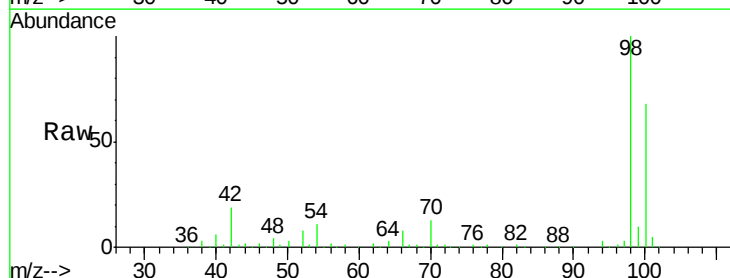
Acq: 8 Jun 2018 21:27

Tgt Ion: 98 Resp: 805552

Ion Ratio Lower Upper

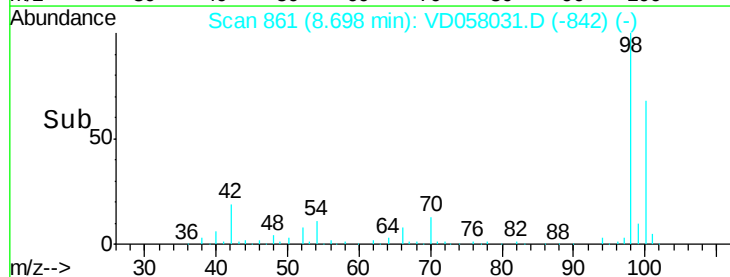
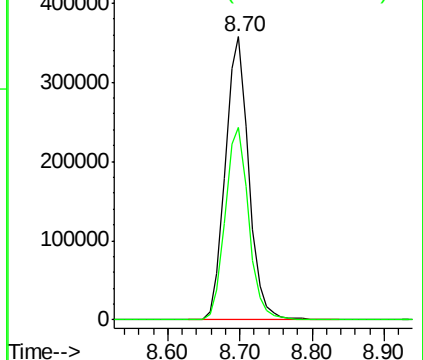
98 100

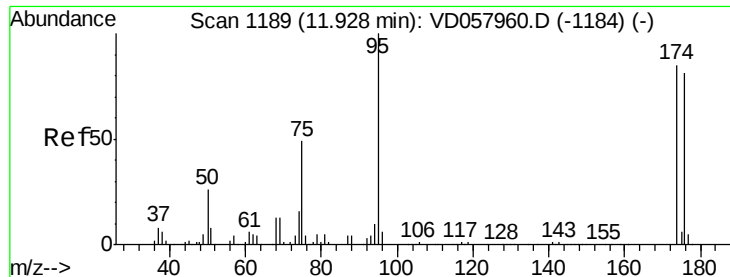
100 67.9 53.4 80.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VD058031.D

Acq: 8 Jun 2018 21:27

Instrument :

MSVOA_D

ClientSampleId :

TP-B-D

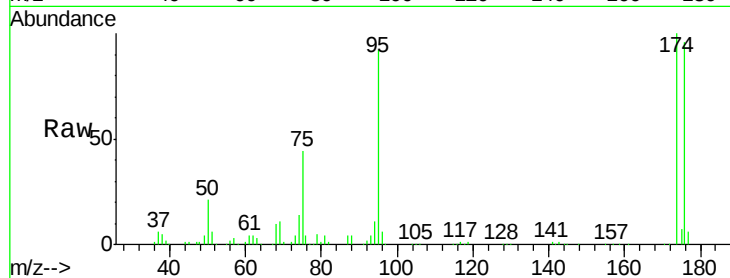
Tot Ion: 95 Resp: 370408

Ion Ratio Lower Upper

95 100

174 109.1 0.0 169.4

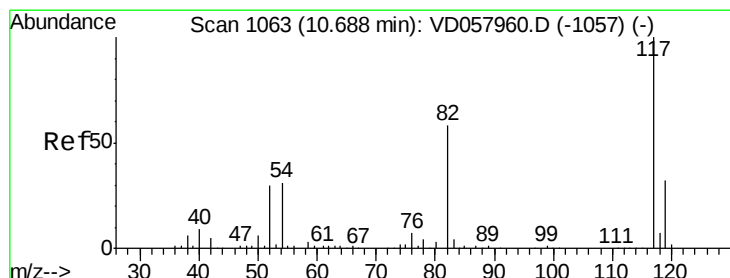
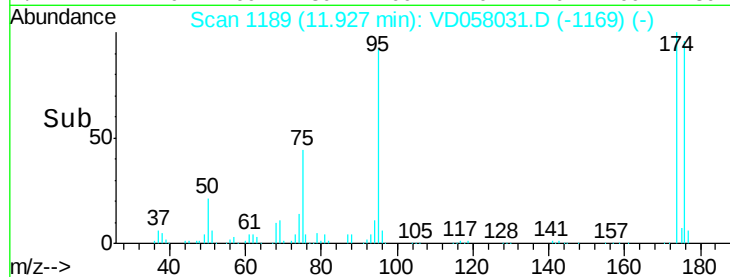
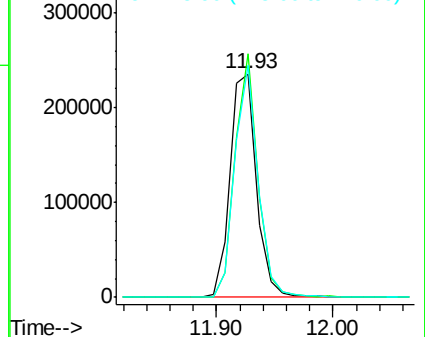
176 104.2 0.0 162.6



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: 10.68 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VD058031.D

Acq: 8 Jun 2018 21:27

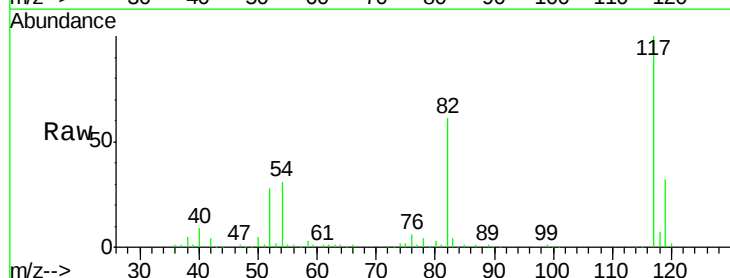
Tgt Ion: 117 Resp: 633192

Ion Ratio Lower Upper

117 100

82 60.7 46.8 70.2

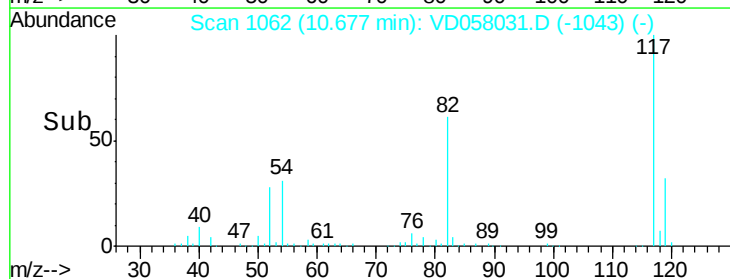
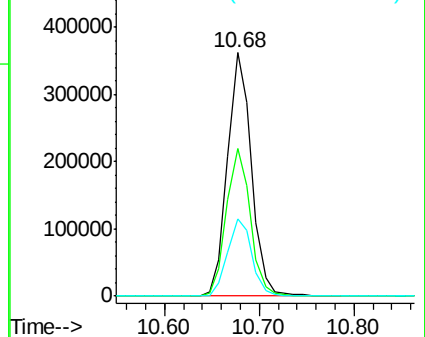
119 31.6 25.8 38.6

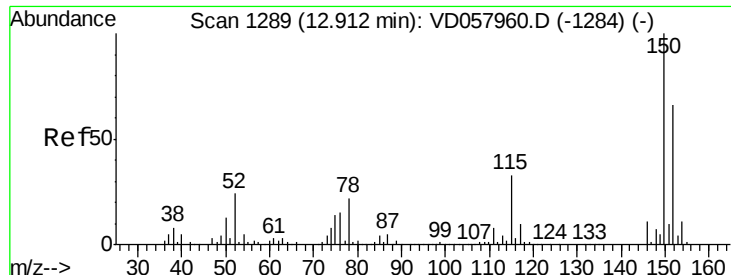


Abundance Ion 116.95 (116.65 to 117.65): V

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: 12.90 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VD058031.D
 Acq: 8 Jun 2018 21:27

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-B-D

Tot Ion	Ratio	Lower	Upper
152	100		
115	49.9	25.6	76.6
150	157.3	0.0	306.8

