

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062018\
 Data File : VD058233.D
 Acq On : 21 Jun 2018 4:06
 Operator : VA/AP
 Sample : J3247-05
 Misc : 6.28g/5ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-01-061918

Quant Time: Jun 21 05:44:17 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

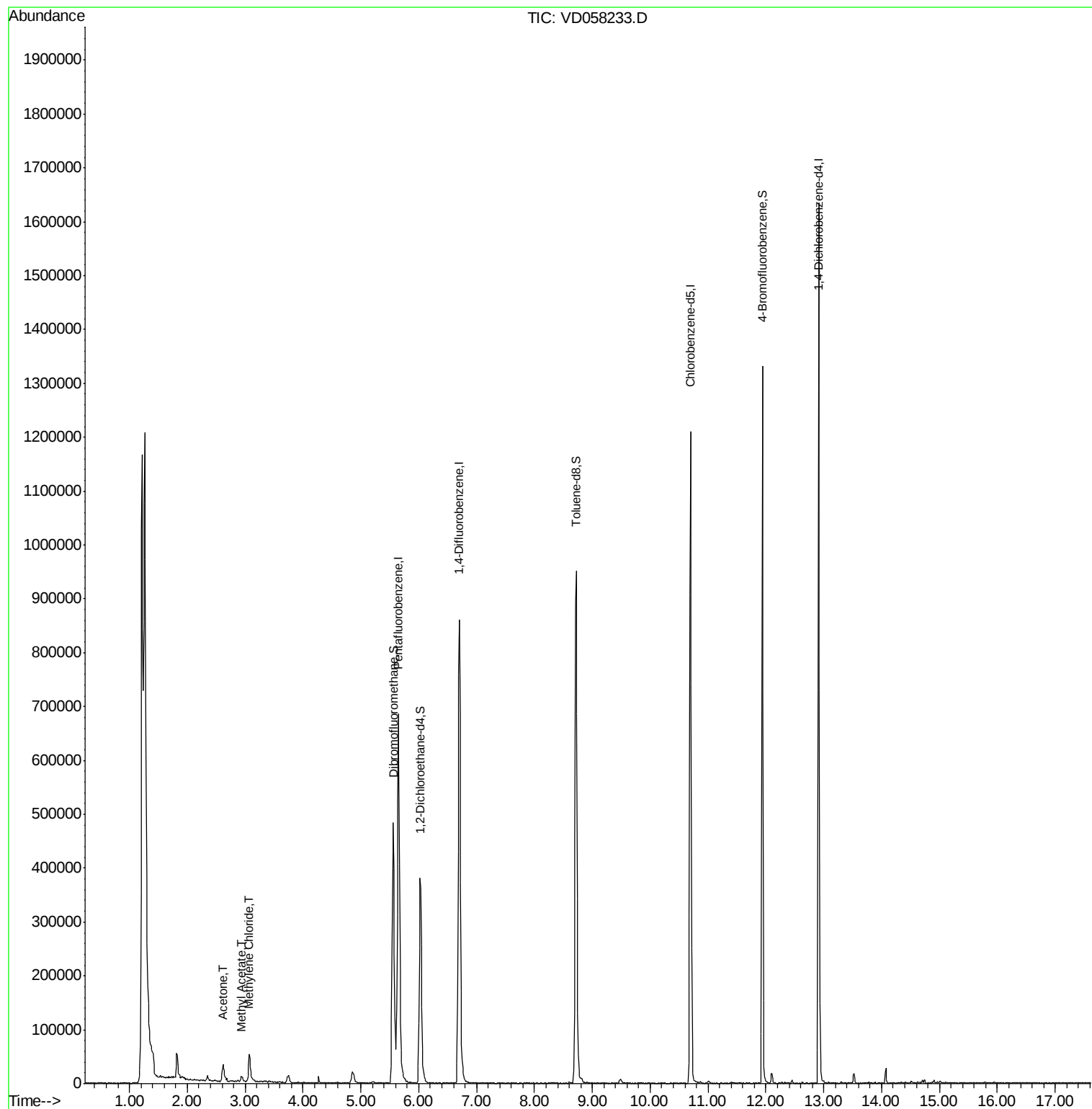
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	672450	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.70	114	891741	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.70	117	637567	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	332690	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	378282	55.69	ug/l	0.01
Spiked Amount 50.000			Recovery	=	111.38%	
35) Dibromofluoromethane	5.56	113	384086	52.92	ug/l	0.01
Spiked Amount 50.000			Recovery	=	105.84%	
50) Toluene-d8	8.72	98	771565	43.94	ug/l	0.01
Spiked Amount 50.000			Recovery	=	87.88%	
62) 4-Bromofluorobenzene	11.94	95	333564	46.50	ug/l	0.01
Spiked Amount 50.000			Recovery	=	93.00%	
Target Compounds						
16) Acetone	2.62	43	63056	67.88	ug/l	Qvalue # 90
18) Methyl Acetate	2.94	43	17567	8.87	ug/l	94
20) Methylene Chloride	3.07	84	22505	4.99	ug/l	91

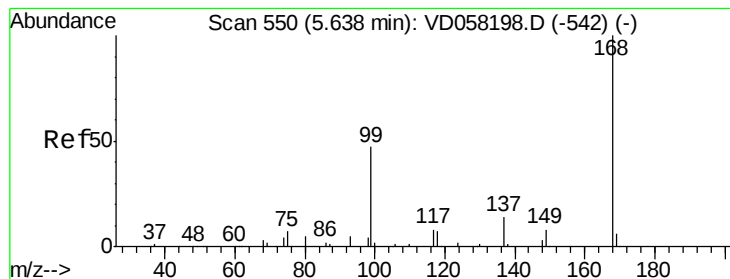
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 551

Delta R.T. 0.01 min

Lab File: VD058233.D

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MSVOA_D

ClientSampleId :

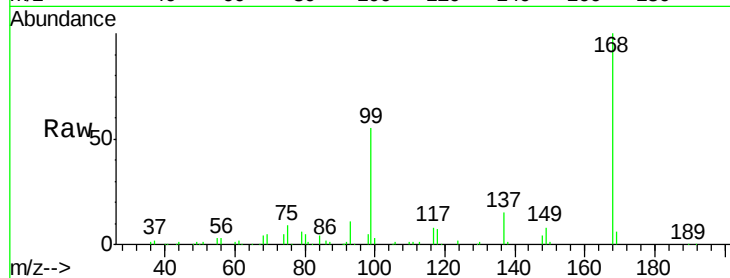
OR-01-061918

Tot Ion:168 Resp: 672450

Ion Ratio Lower Upper

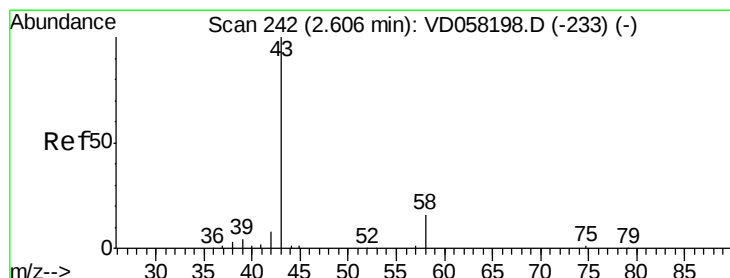
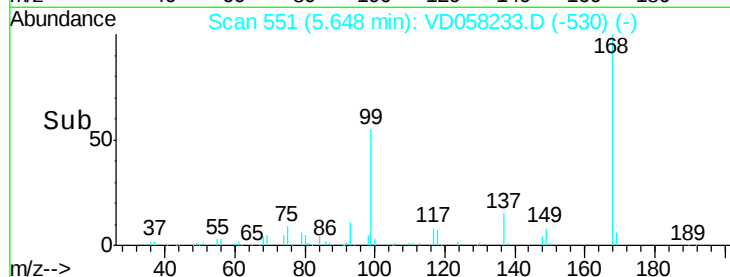
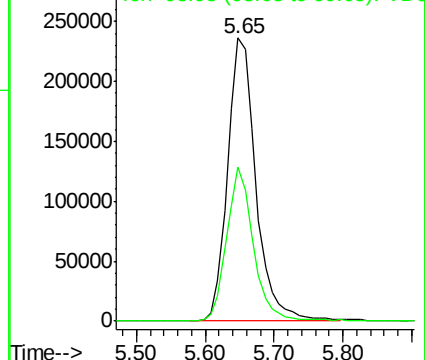
168 100

99 54.6 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: 67.88 ug/l

RT: 2.62 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD058233.D

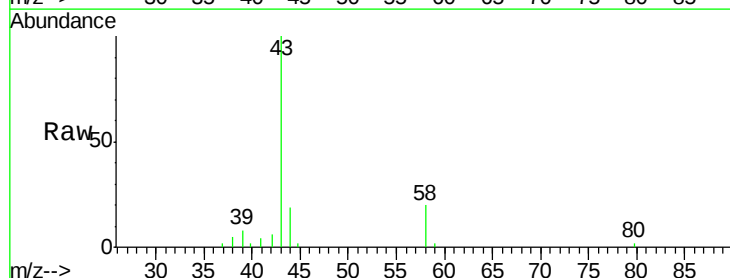
Acq: 21 Jun 2018 4:06

Tgt Ion: 43 Resp: 63056

Ion Ratio Lower Upper

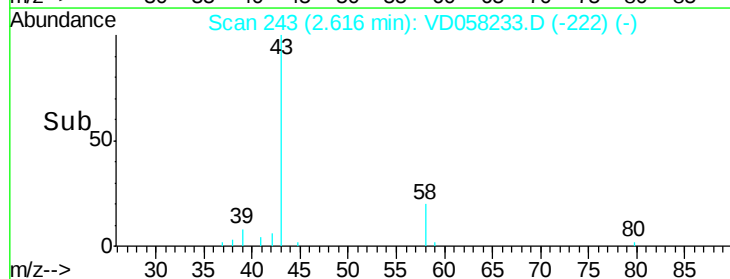
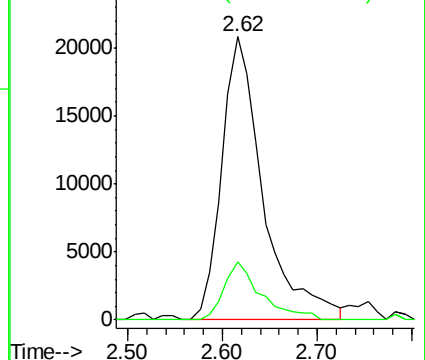
43 100

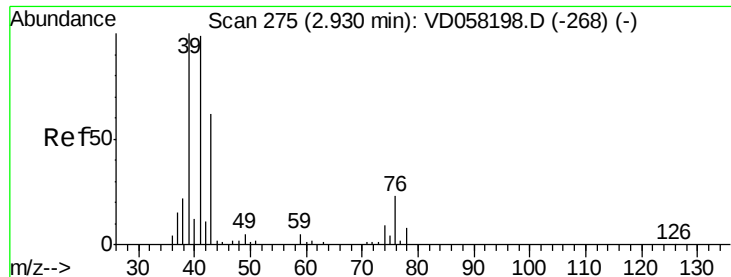
58 20.3 12.7 19.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

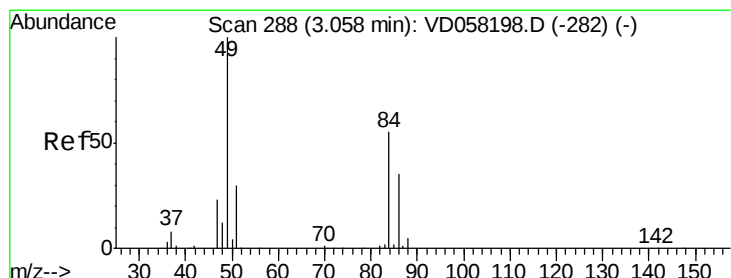
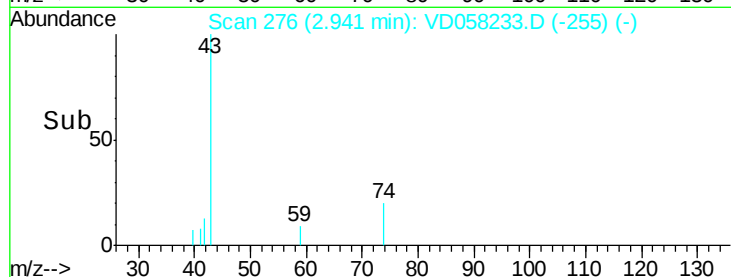
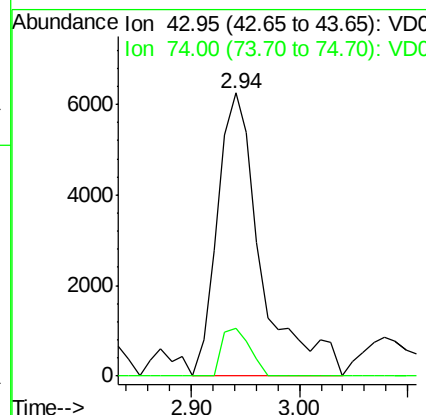
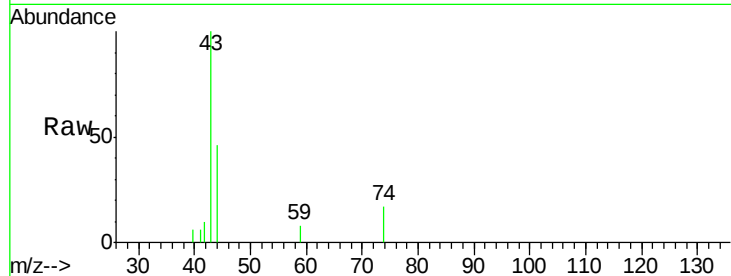




#18
Methyl Acetate
Concen: 8.87 ug/l
RT: 2.94 min Scan# 276
Delta R.T. 0.01 min
Lab File: VD058233.D
Acq: 21 Jun 2018 4:06

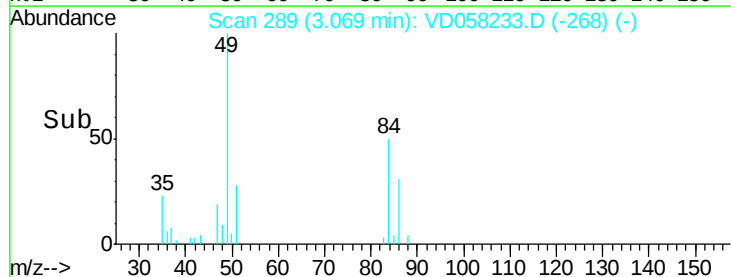
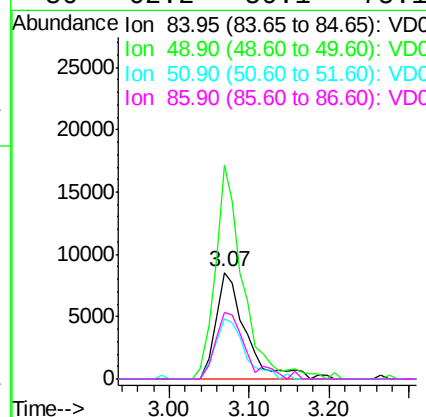
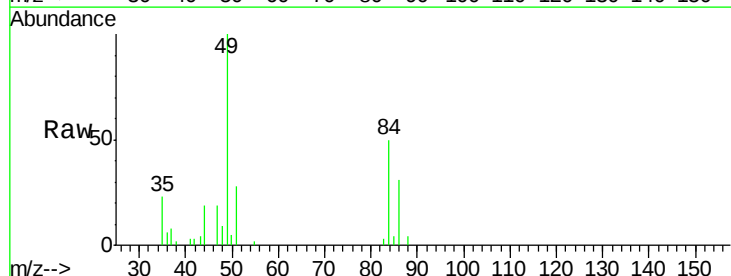
Instrument :
MSVOA_D
ClientSampleId :
OR-01-061918

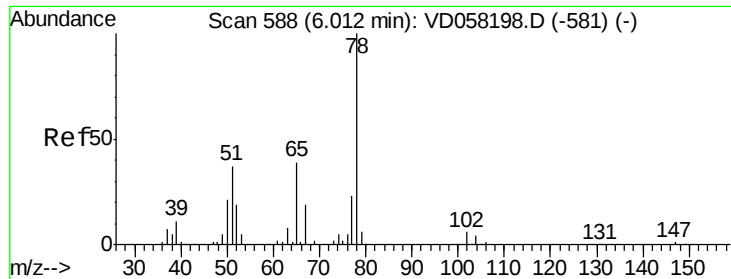
Tot Ion: 43 Resp: 17567
Ion Ratio Lower Upper
43 100
74 16.9 11.7 17.5



#20
Methylene Chloride
Concen: 4.99 ug/l
RT: 3.07 min Scan# 289
Delta R.T. 0.01 min
Lab File: VD058233.D
Acq: 21 Jun 2018 4:06

Tgt Ion: 84 Resp: 22505
Ion Ratio Lower Upper
84 100
49 200.0 145.0 217.6
51 56.4 42.9 64.3
86 62.2 50.1 75.1

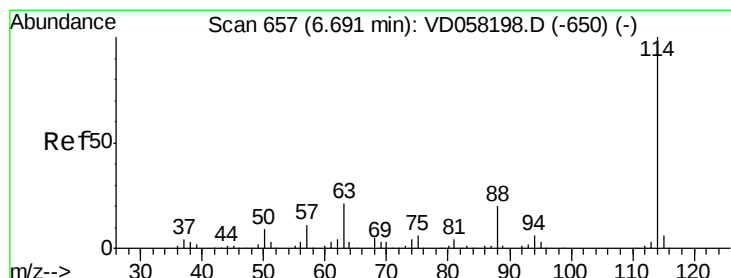
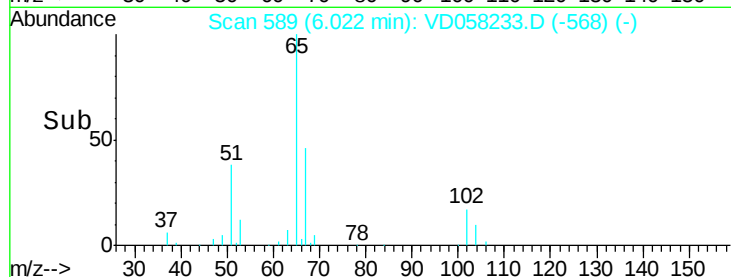
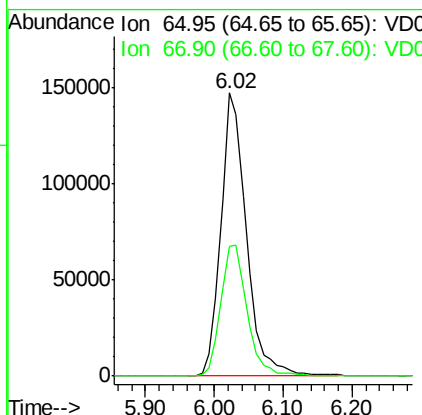
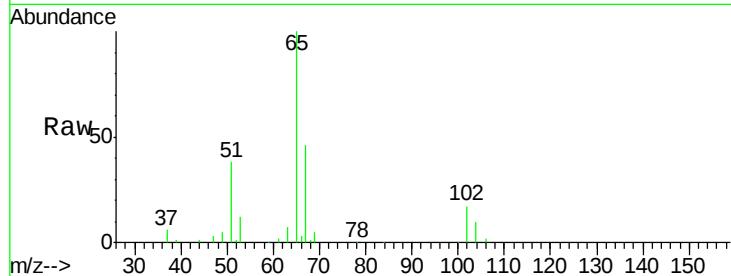




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.02 min Scan# 589
 Delta R.T. 0.01 min
 Lab File: VD058233.D
 Acq: 21 Jun 2018 4:06

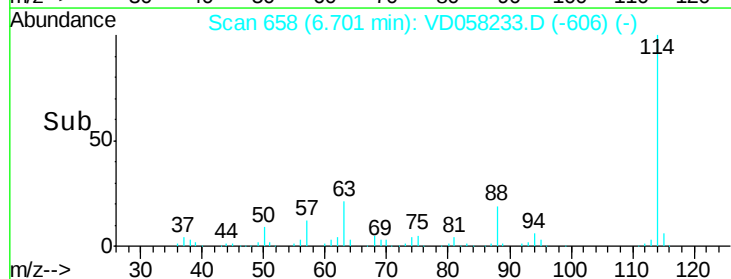
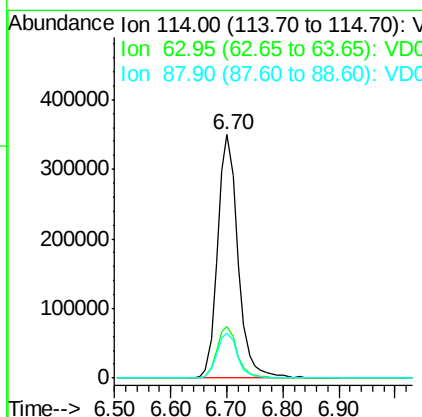
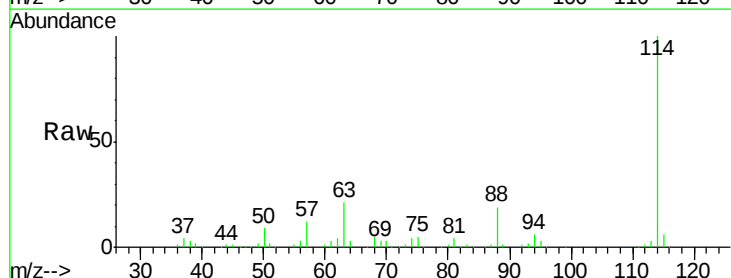
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-01-061918

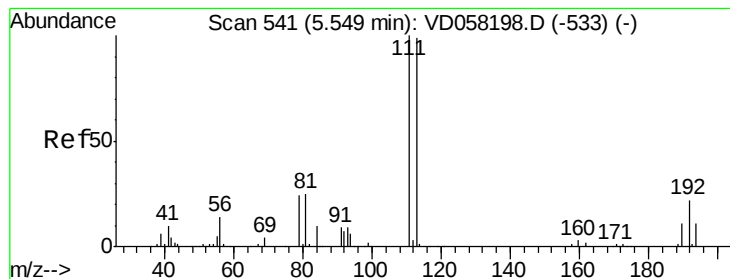
Tot Ion: 65 Resp: 378282
 Ion Ratio Lower Upper
 65 100
 67 46.0 0.0 97.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VD058233.D
 Acq: 21 Jun 2018 4:06

Tgt Ion: 114 Resp: 891741
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.6
 88 18.7 0.0 40.6





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.56 min Scan# 542

Delta R.T. 0.01 min

Lab File: VD058233.D

Acq: 21 Jun 2018 4:06

Instrument :

MSVOA_D

ClientSampleId :

OR-01-061918

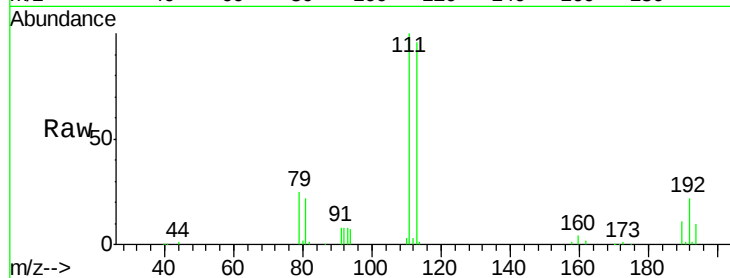
Tot Ion:113 Resp: 384086

Ion Ratio Lower Upper

113 100

111 104.5 80.6 121.0

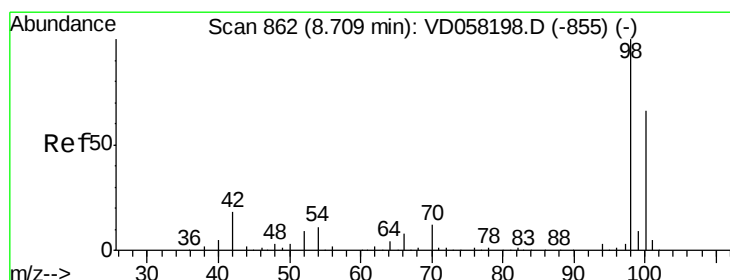
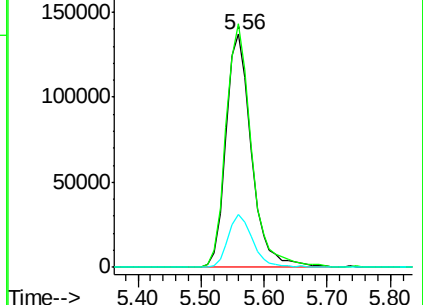
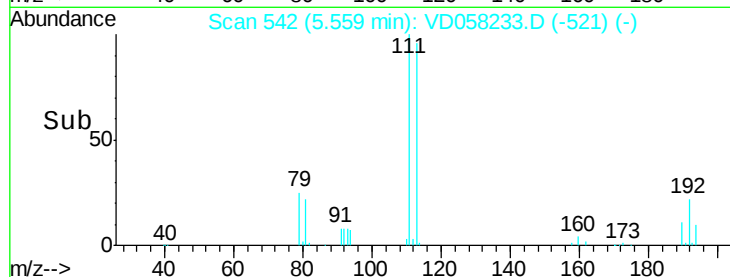
192 22.8 17.8 26.6



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: VD058233.D

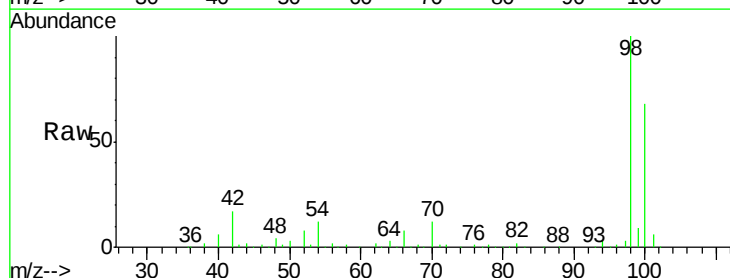
Acq: 21 Jun 2018 4:06

Tgt Ion: 98 Resp: 771565

Ion Ratio Lower Upper

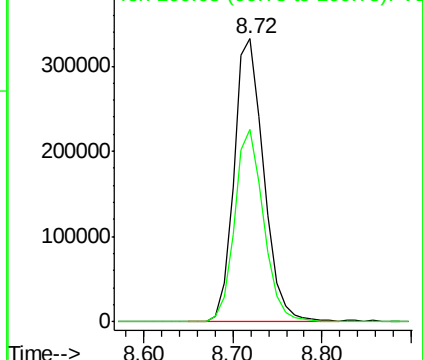
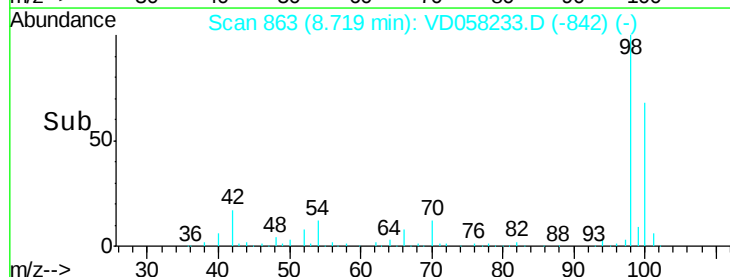
98 100

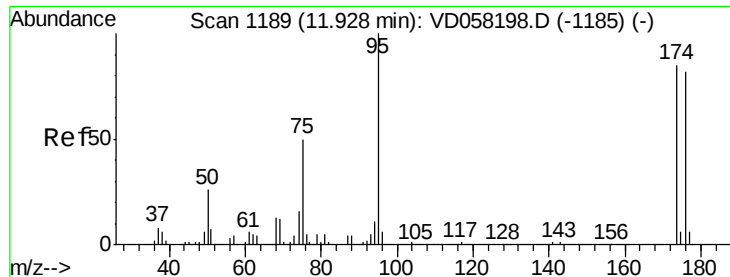
100 68.0 53.6 80.4



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: 11.94 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD058233.D

Acq: 21 Jun 2018 4:06

Instrument :

MSVOA_D

ClientSampleId :

OR-01-061918

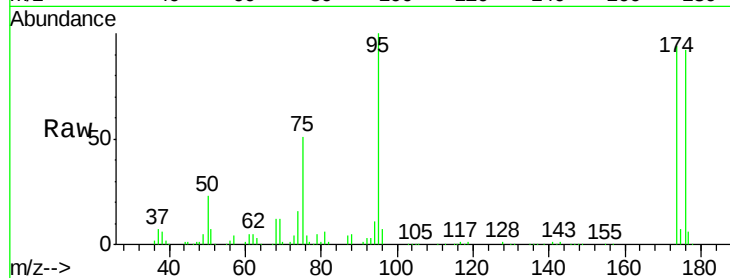
Tot Ion: 95 Resp: 333564

Ion Ratio Lower Upper

95 100

174 94.3 0.0 170.2

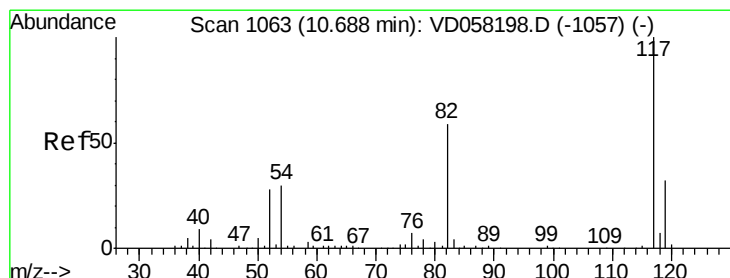
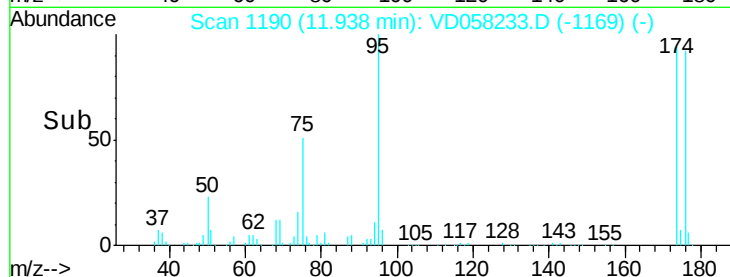
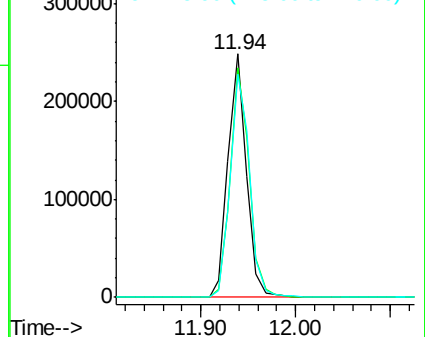
176 91.6 0.0 164.6



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: 10.70 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VD058233.D

Acq: 21 Jun 2018 4:06

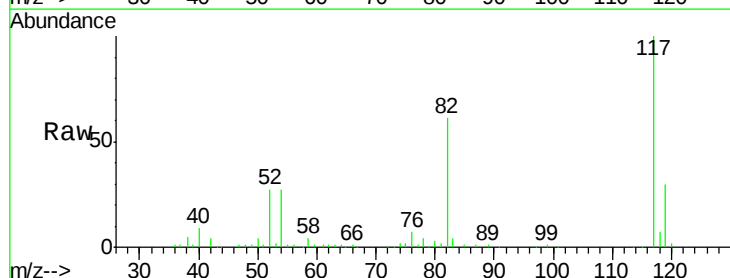
Tgt Ion: 117 Resp: 637567

Ion Ratio Lower Upper

117 100

82 61.1 47.0 70.6

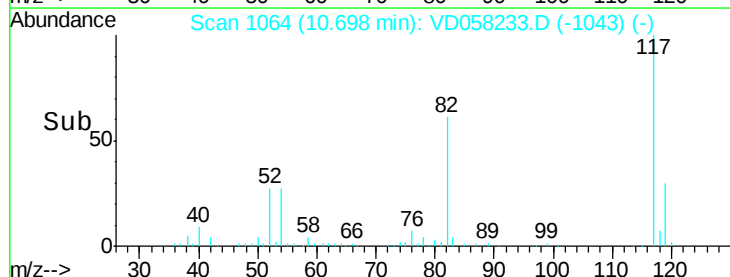
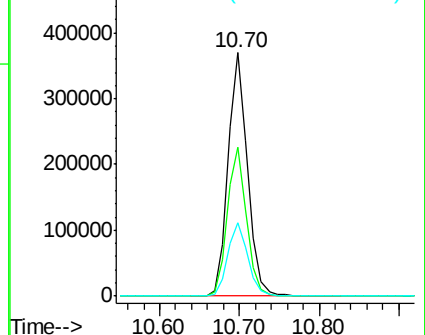
119 30.3 25.3 37.9

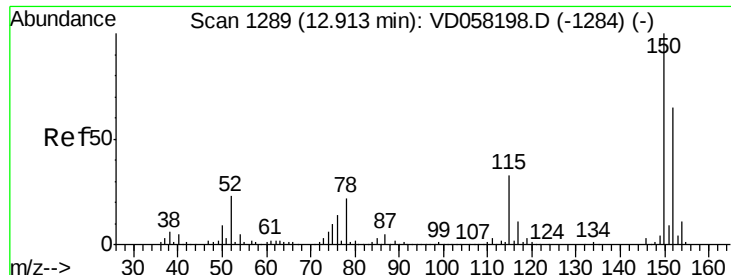


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD058233.D

Acq: 21 Jun 2018 4:06

Instrument :

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OR-01-061918

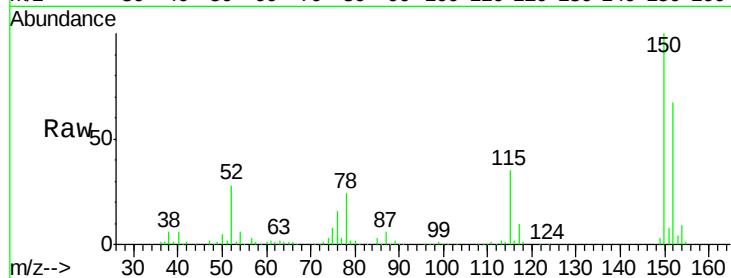
Tot Ion:152 Resp: 332690

Ion Ratio Lower Upper

152 100

115 52.0 25.1 75.3

150 149.5 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

