

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062018\
 Data File : VD058236.D
 Acq On : 21 Jun 2018 5:31
 Operator : VA/AP
 Sample : J3603-03
 Misc : 5.34g/5ml/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 26KV-TP-2

Quant Time: Jun 21 05:54:39 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

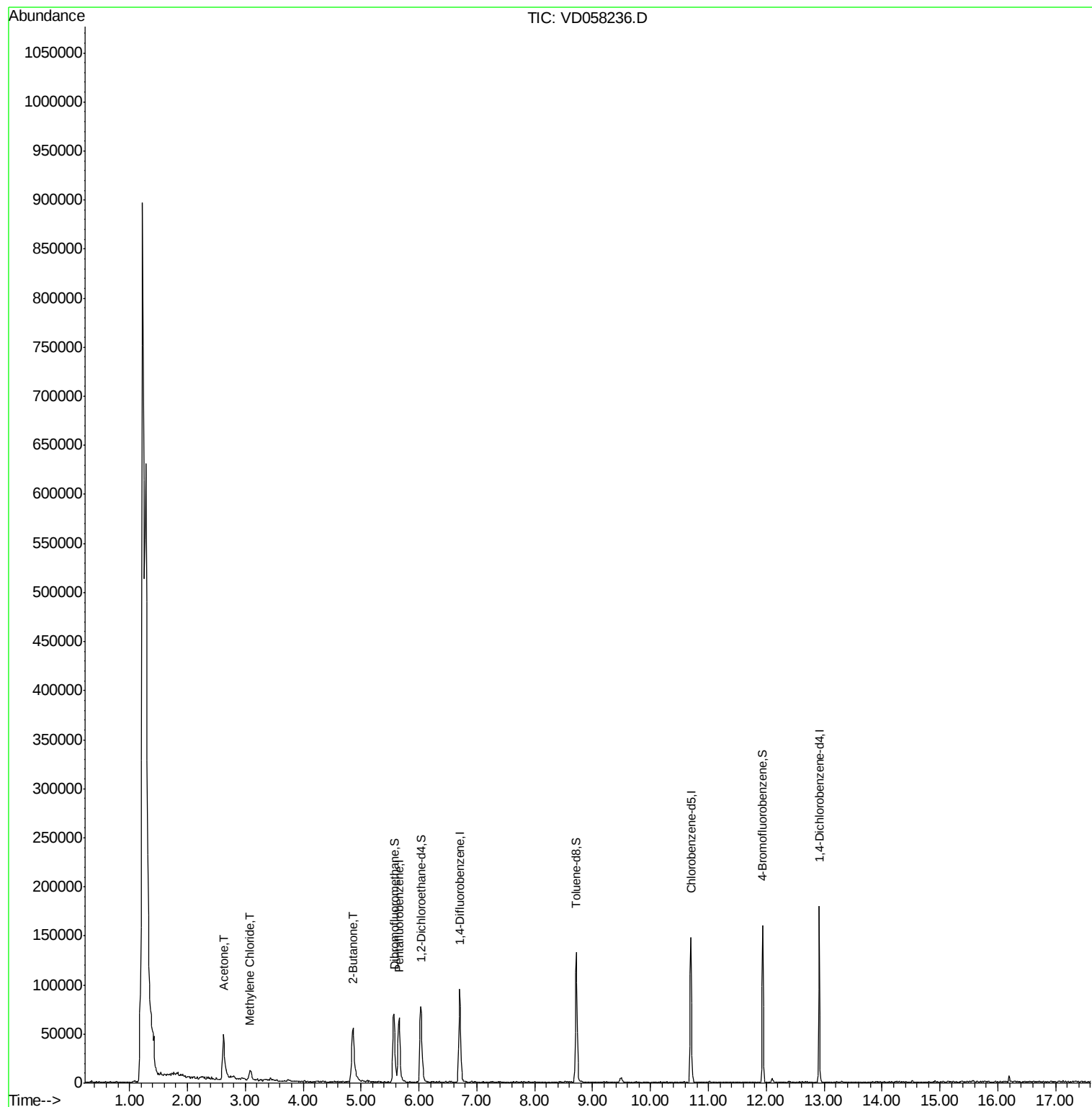
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	66908	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.70	114	95030	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.70	117	77229	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	35201	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	78400	116.01	ug/l	0.02
Spiked Amount 50.000			Recovery	=	232.02%	
35) Dibromofluoromethane	5.57	113	55320	71.52	ug/l	0.02
Spiked Amount 50.000			Recovery	=	143.04%	
50) Toluene-d8	8.72	98	104148	55.66	ug/l	0.01
Spiked Amount 50.000			Recovery	=	111.32%	
62) 4-Bromofluorobenzene	11.94	95	41560	54.37	ug/l	0.01
Spiked Amount 50.000			Recovery	=	108.74%	
Target Compounds						
16) Acetone	2.63	43	91441	989.37	ug/l #	89
20) Methylene Chloride	3.08	84	5260	18.83	ug/l	96
25) 2-Butanone	4.86	43	29865	148.26	ug/l #	92

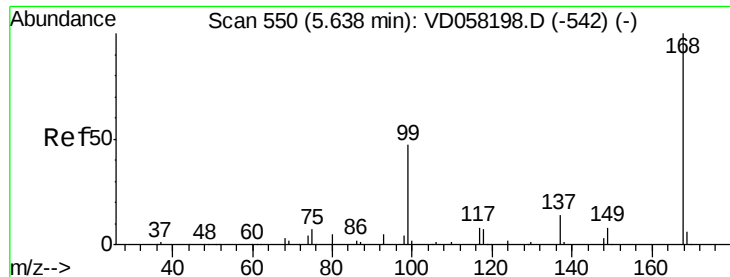
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062018\
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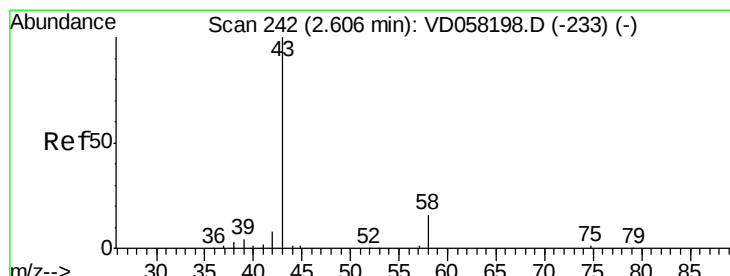
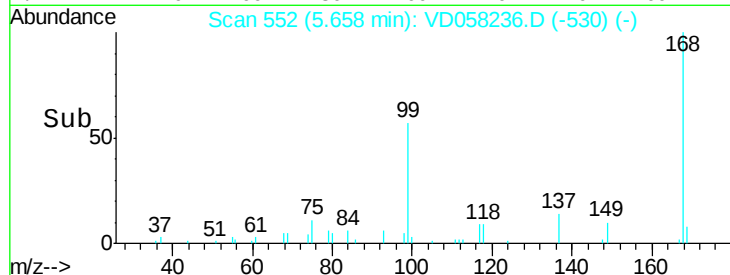
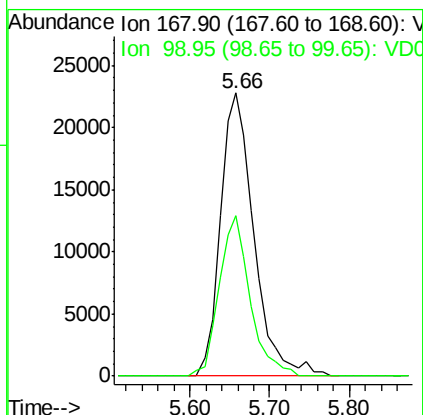
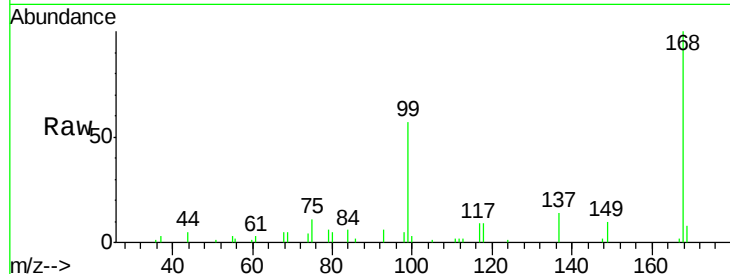




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.66 min Scan# 552
Delta R.T. 0.02 min
Lab File: VD058236.D
Acq: 21 Jun 2018 5:31

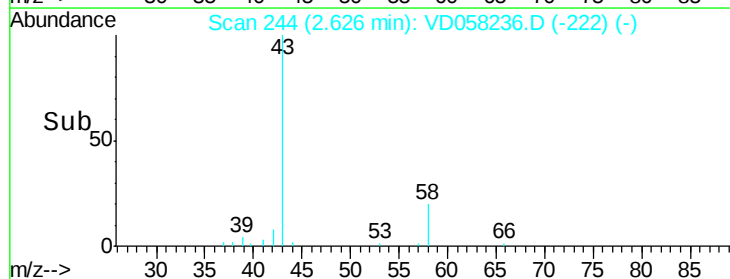
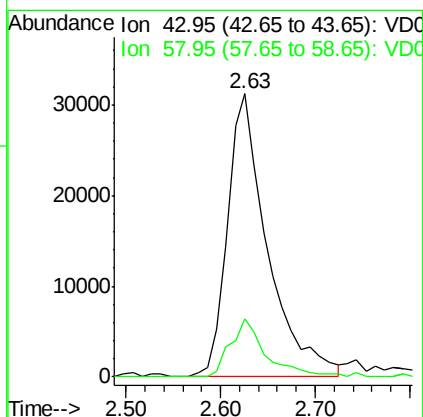
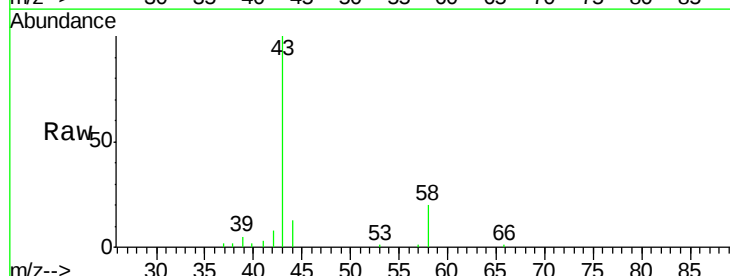
Instrument :
MSVOA_D
ClientSampleId :
26KV-TP-2

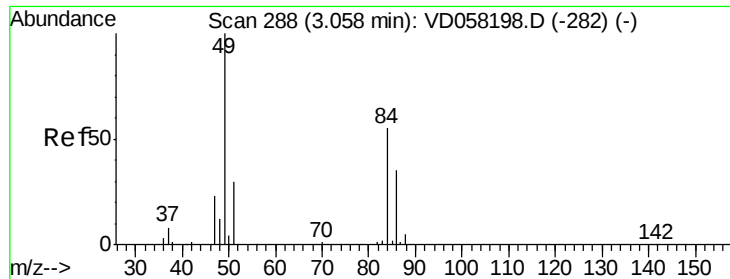
Tot Ion:168 Resp: 66908
Ion Ratio Lower Upper
168 100
99 56.5 41.1 61.7



#16
Acetone
Concen: 989.37 ug/l
RT: 2.63 min Scan# 244
Delta R.T. 0.02 min
Lab File: VD058236.D
Acq: 21 Jun 2018 5:31

Tgt Ion: 43 Resp: 91441
Ion Ratio Lower Upper
43 100
58 20.5 12.7 19.1#

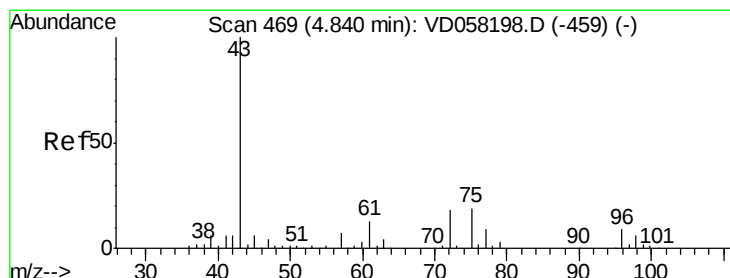
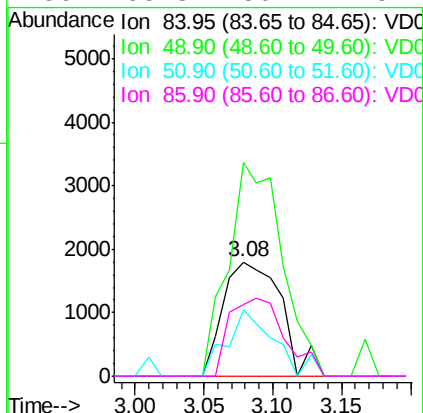
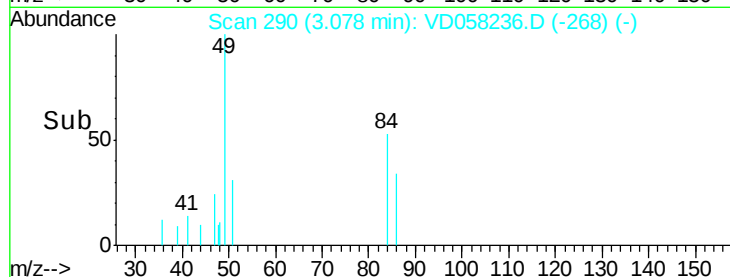
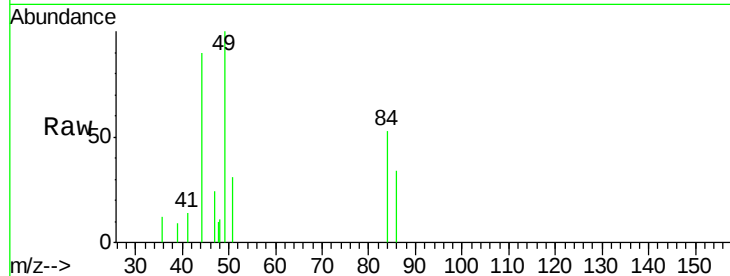




#20
Methvlene Chloride
Concen: 18.83 ug/l
RT: 3.08 min Scan# 290
Delta R.T. 0.02 min
Lab File: VD058236.D
Acq: 21 Jun 2018 5:31

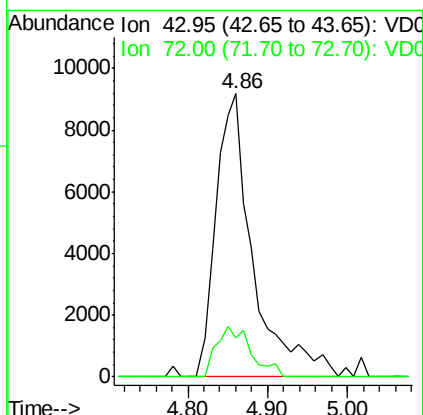
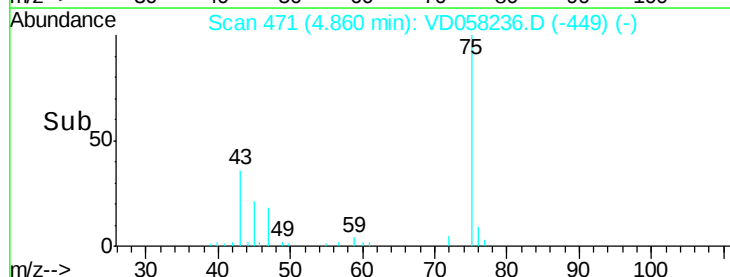
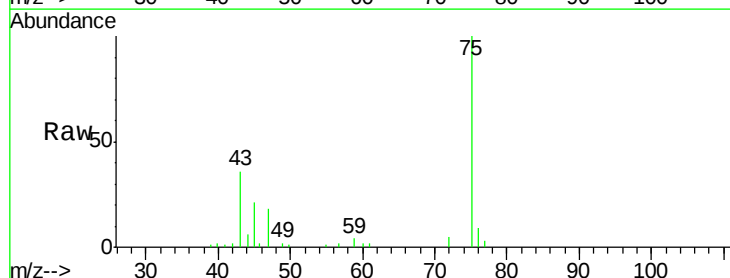
Instrument :
MSVOA_D
ClientSampleId :
26KV-TP-2

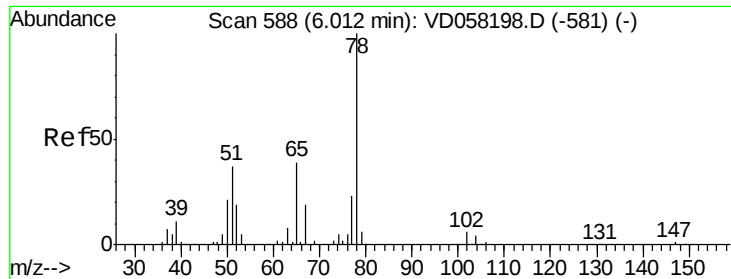
Tot Ion: 84 Resp: 5260
Ion Ratio Lower Upper
84 100
49 187.1 145.0 217.6
51 58.2 42.9 64.3
86 63.3 50.1 75.1



#25
2-Butanone
Concen: 148.26 ug/l
RT: 4.86 min Scan# 471
Delta R.T. 0.02 min
Lab File: VD058236.D
Acq: 21 Jun 2018 5:31

Tgt Ion: 43 Resp: 29865
Ion Ratio Lower Upper
43 100
72 14.0 14.1 21.1#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.03 min Scan# 590

Delta R.T. 0.02 min

Lab File: VD058236.D

Acq: 21 Jun 2018 5:31

Instrument :

MSVOA_D

ClientSampleId :

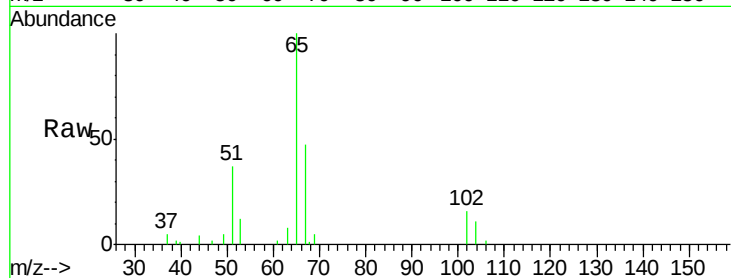
26KV-TP-2

Tot Ion: 65 Resp: 78400

Ion Ratio Lower Upper

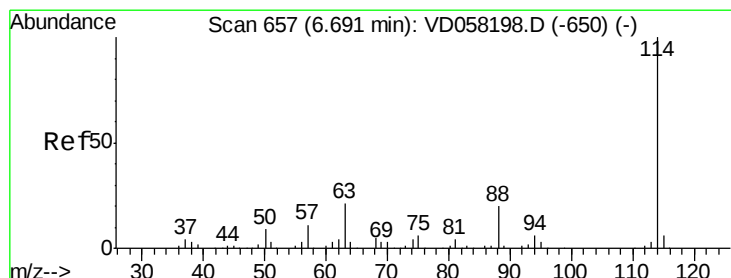
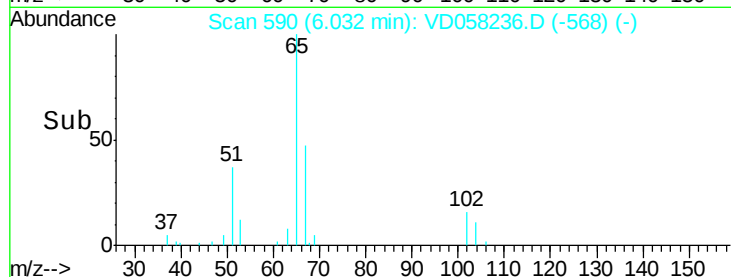
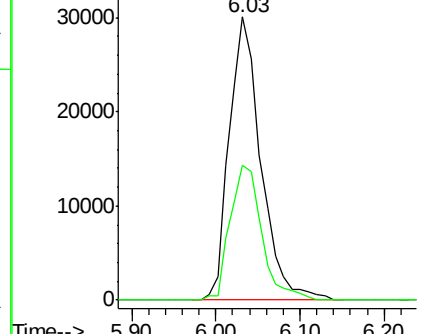
65 100

67 47.5 0.0 97.8



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: 6.70 min Scan# 658

Delta R.T. 0.01 min

Lab File: VD058236.D

Acq: 21 Jun 2018 5:31

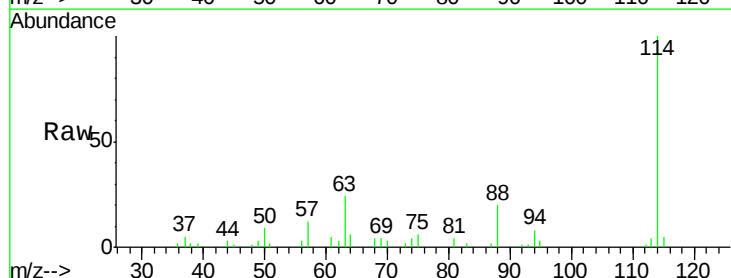
Tgt Ion: 114 Resp: 95030

Ion Ratio Lower Upper

114 100

63 23.7 0.0 42.6

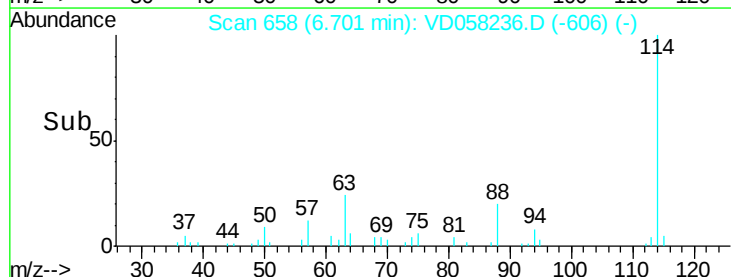
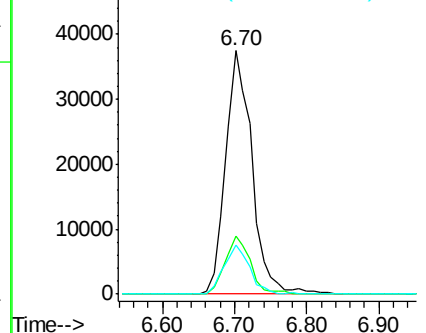
88 19.9 0.0 40.6

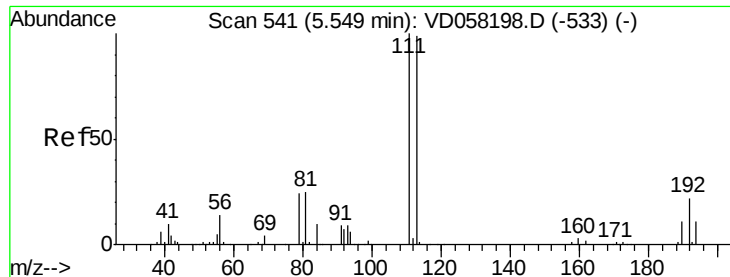


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

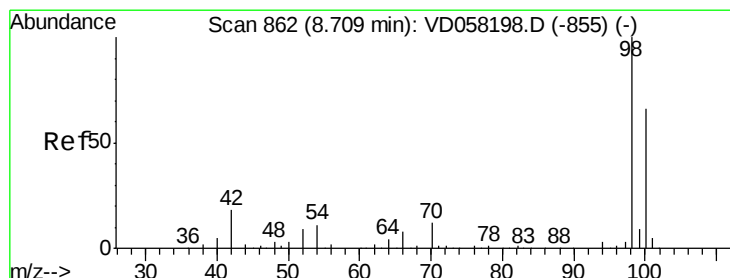
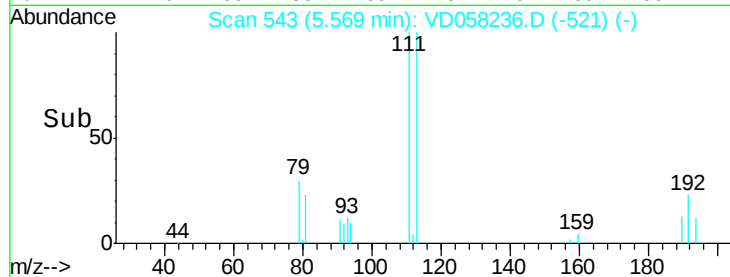
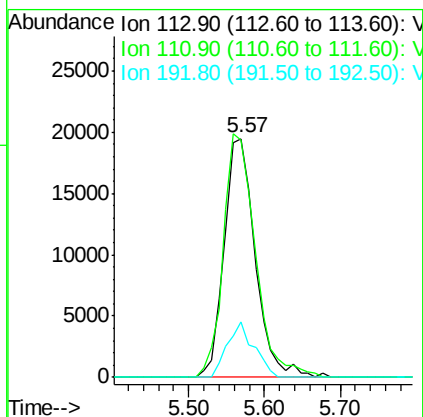
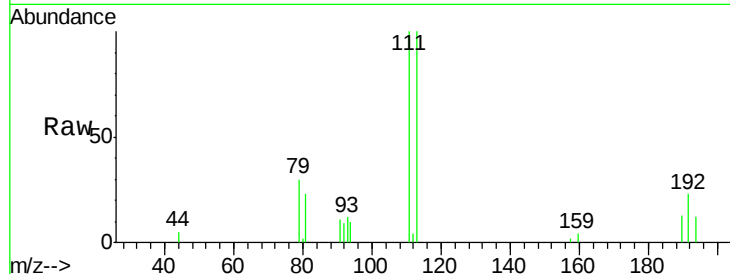




#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.57 min Scan# 543
Delta R.T. 0.02 min
Lab File: VD058236.D
Acq: 21 Jun 2018 5:31

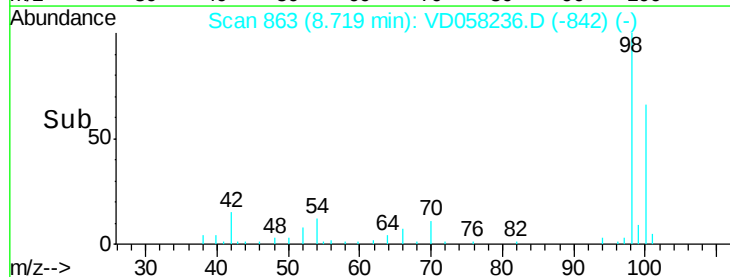
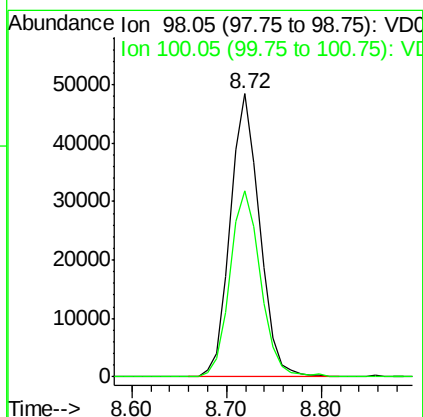
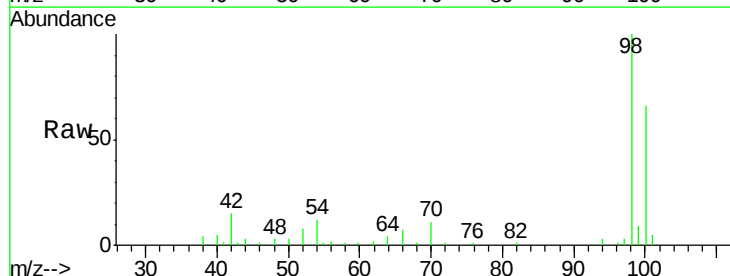
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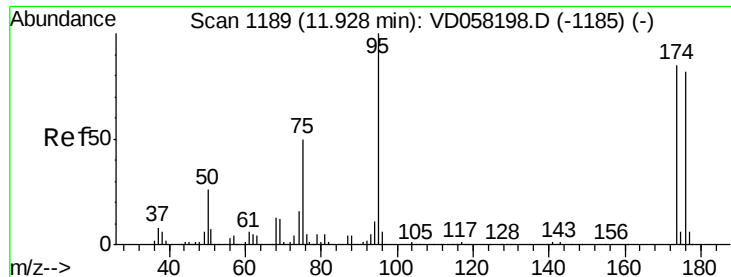
Tot Ion:113 Resp: 55320
Ion Ratio Lower Upper
113 100
111 99.6 80.6 121.0
192 23.5 17.8 26.6



#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.72 min Scan# 863
Delta R.T. 0.01 min
Lab File: VD058236.D
Acq: 21 Jun 2018 5:31

Tgt Ion: 98 Resp: 104148
Ion Ratio Lower Upper
98 100
100 65.8 53.6 80.4





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.94 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD058236.D

Acq: 21 Jun 2018 5:31

Instrument :

MSVOA_D

ClientSampleId :

26KV-TP-2

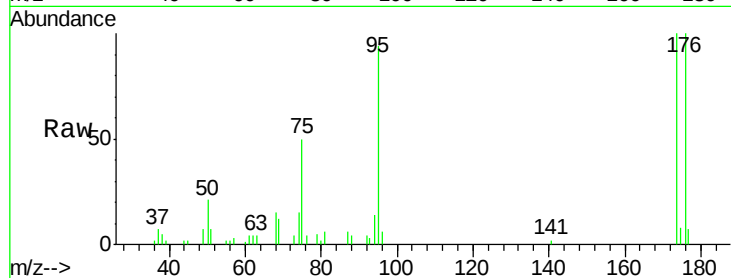
Tot Ion: 95 Resp: 41560

Ion Ratio Lower Upper

95 100

174 105.9 0.0 170.2

176 105.9 0.0 164.6

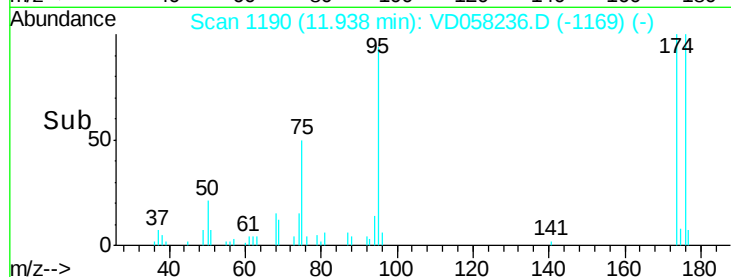


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

Time-->



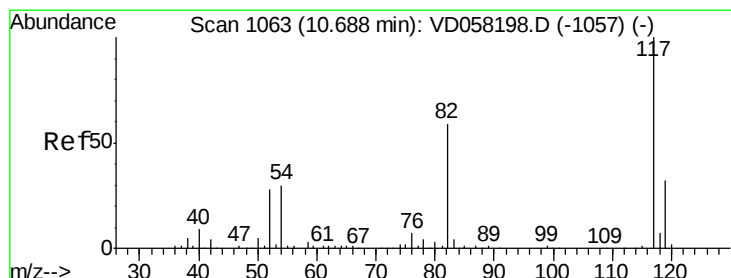
Abundance

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

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.70 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VD058236.D

Acq: 21 Jun 2018 5:31

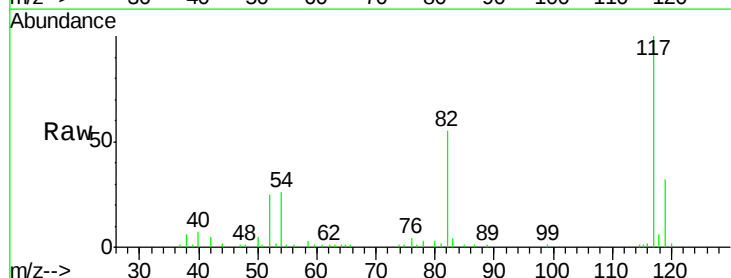
Tgt Ion: 117 Resp: 77229

Ion Ratio Lower Upper

117 100

82 55.0 47.0 70.6

119 31.7 25.3 37.9

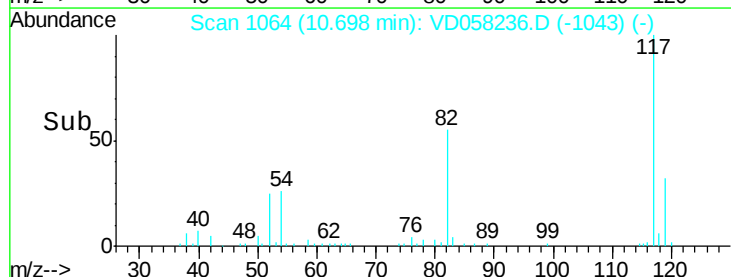


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

Time-->



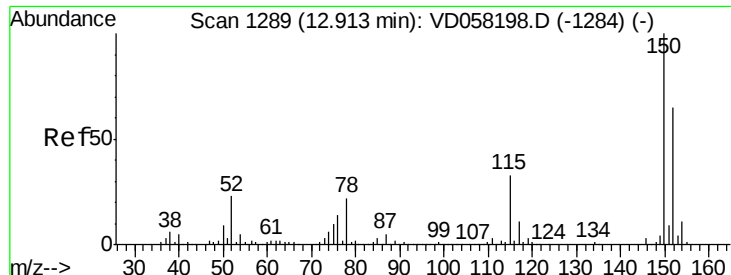
Abundance

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

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.91 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VD058236.D

Acq: 21 Jun 2018 5:31

Instrument :

MSVOA_D

ClientSampleId :

26KV-TP-2

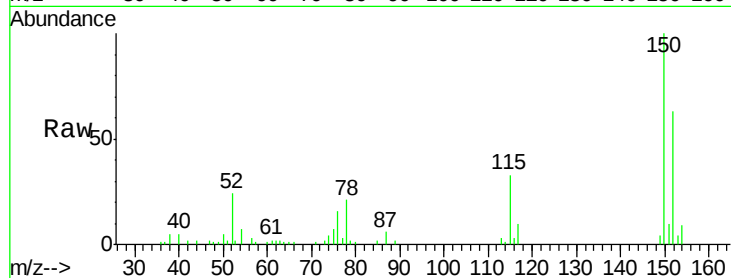
Tot Ion:152 Resp: 35201

Ion Ratio Lower Upper

152 100

115 52.6 25.1 75.3

150 159.3 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

