

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110718\
 Data File : VD060300.D
 Acq On : 7 Nov 2018 14:49
 Operator : JC/SY
 Sample : J5827-21
 Misc : 5.86g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-C

Quant Time: Nov 08 15:29:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

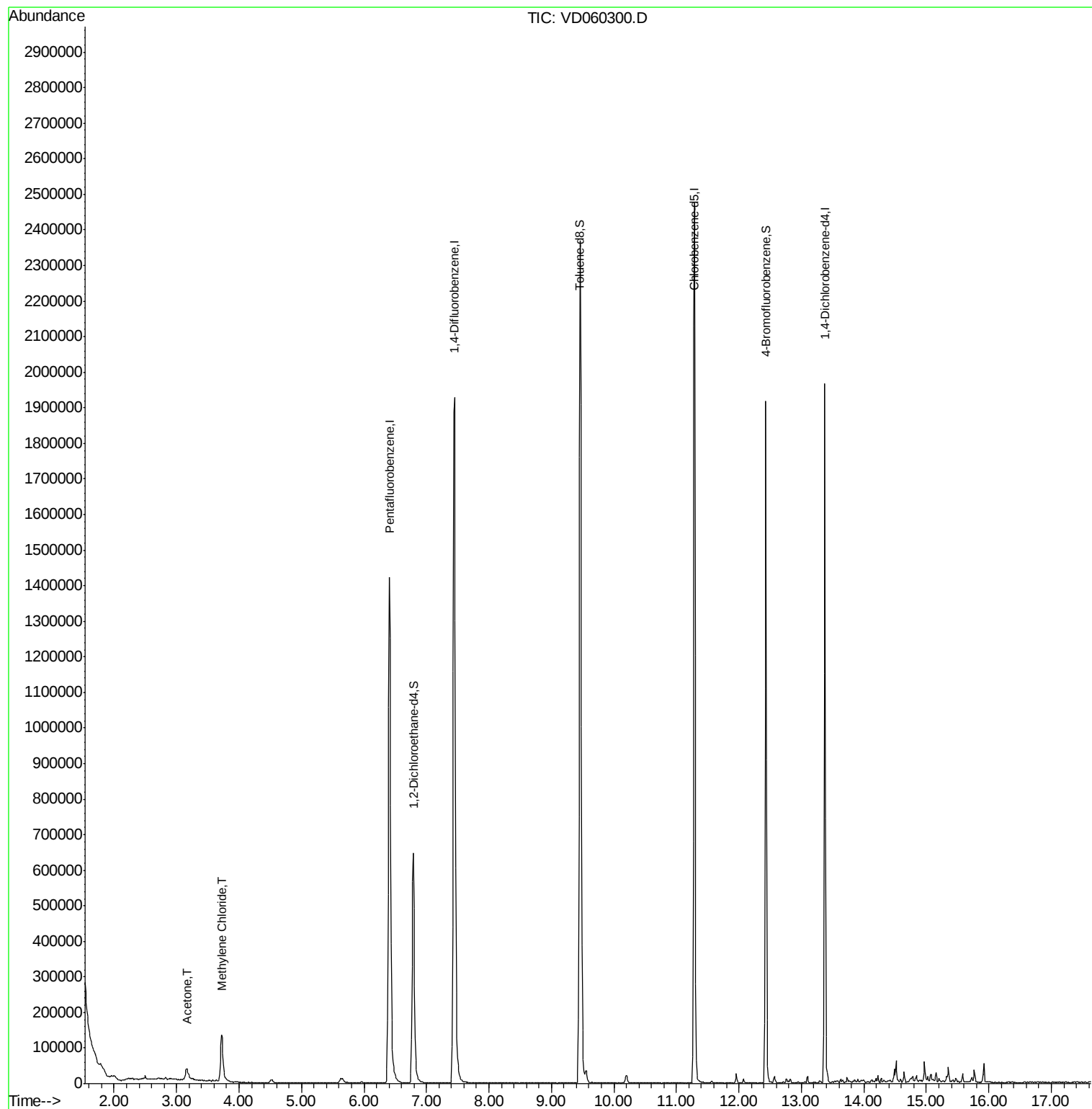
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1407185	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.45	114	2109746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1375692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	432162	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	541479	53.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.48%	
35) Dibromofluoromethane	6.41	113	1583	0.10	ug/l	0.07
Spiked Amount 50.000			Recovery	=	0.20%	
50) Toluene-d8	9.46	98	1892265	41.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.20%	
62) 4-Bromofluorobenzene	12.43	95	520580	31.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.40%	
Target Compounds						
16) Acetone	3.16	43	69504	39.768	ug/l	Qvalue 100
20) Methylene Chloride	3.72	84	90038	5.807	ug/l	94

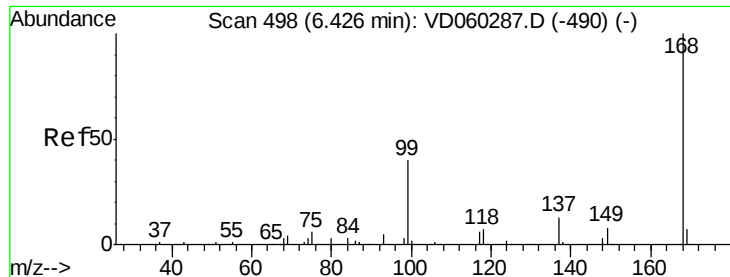
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 496

Delta R.T. -0.02 min

Lab File: VD060300.D

Acq: 7 Nov 2018 14:49

Instrument :

MSVOA_D

ClientSampled :

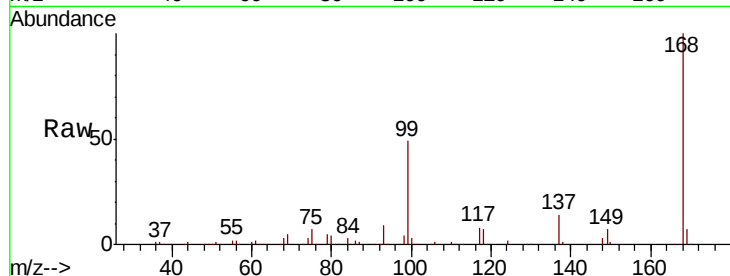
SP-C

Tot Ion:168 Resp: 1407185

Ion Ratio Lower Upper

168 100

99 48.8 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.41

500000

400000

300000

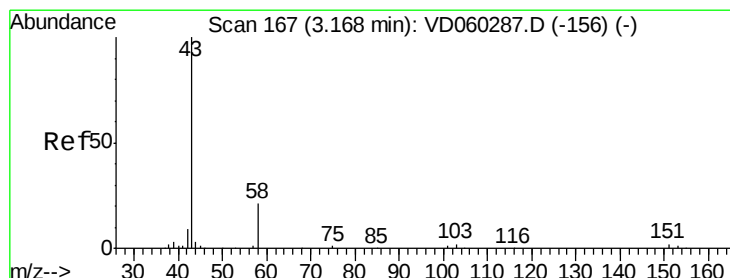
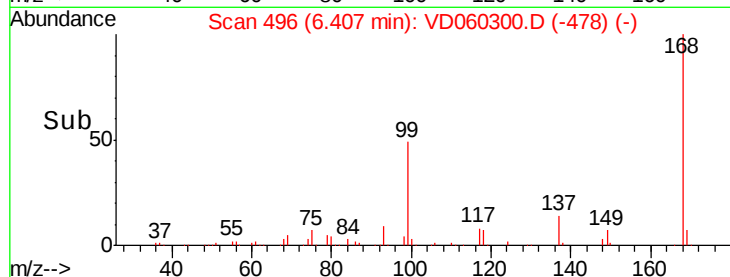
200000

100000

0

6.30 6.40 6.50 6.60

Time-->



#16

Acetone

Concen: 39.768 ug/l

RT: 3.16 min Scan# 166

Delta R.T. -0.01 min

Lab File: VD060300.D

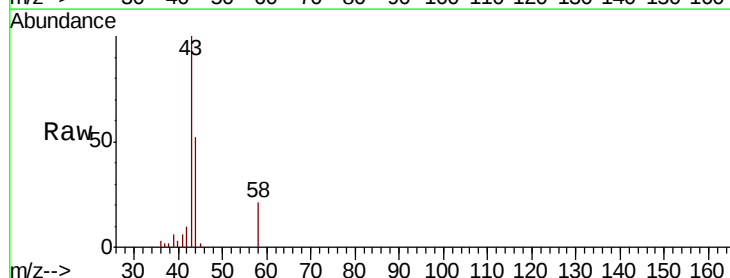
Acq: 7 Nov 2018 14:49

Tgt Ion: 43 Resp: 69504

Ion Ratio Lower Upper

43 100

58 20.9 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.16

20000

15000

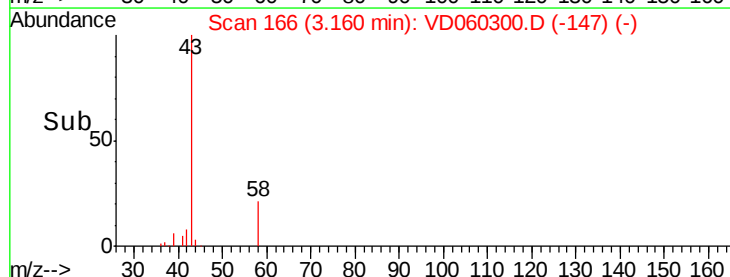
10000

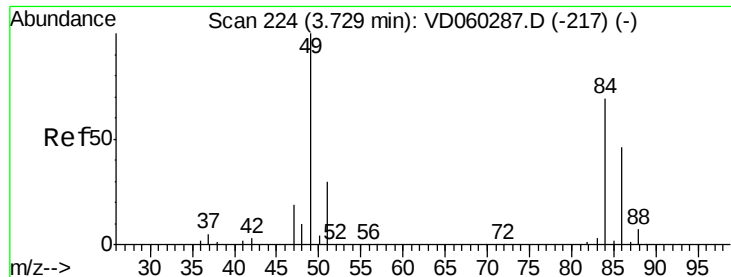
5000

0

3.00 3.10 3.20 3.30

Time-->

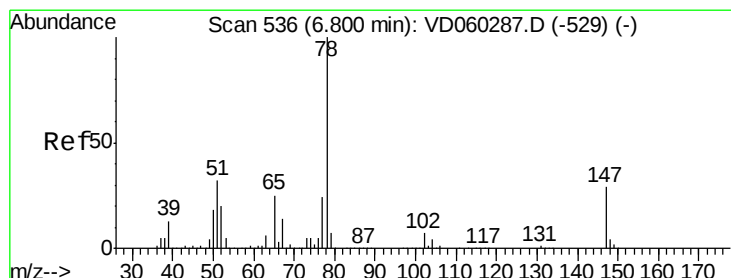
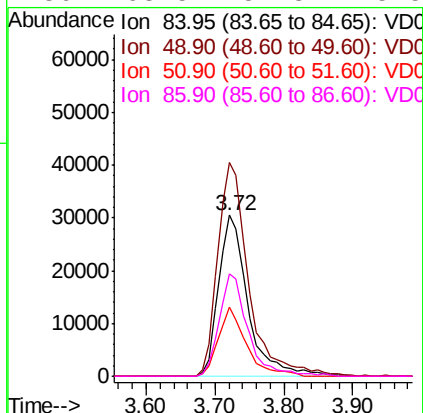
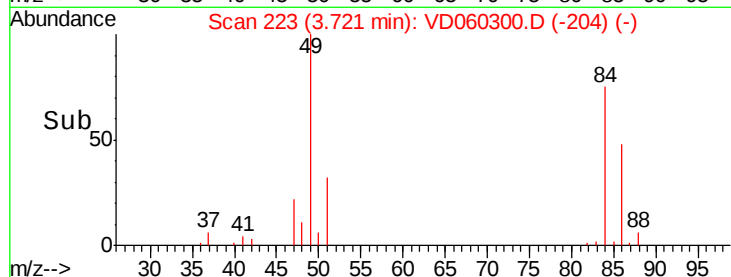
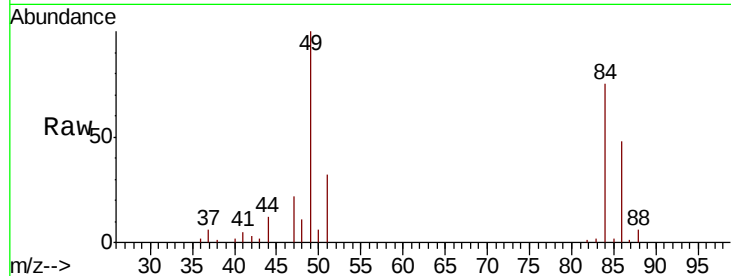




#20
Methvlene Chloride
Concen: 5.807 ug/l
RT: 3.72 min Scan# 223
Delta R.T. -0.01 min
Lab File: VD060300.D
Acq: 7 Nov 2018 14:49

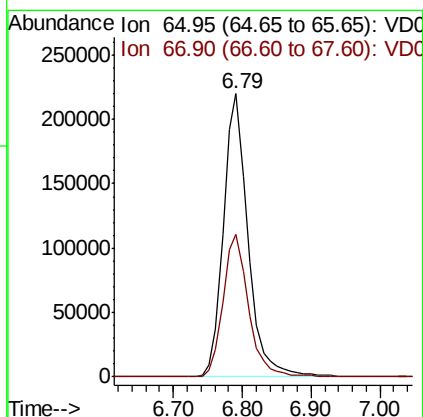
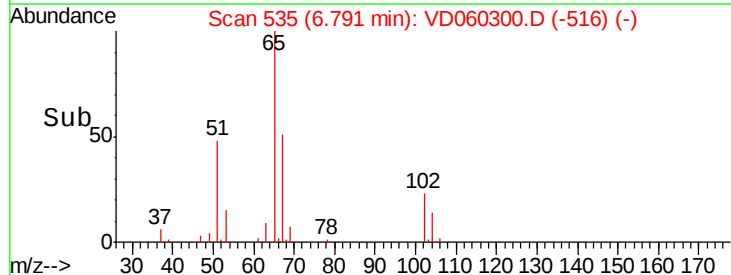
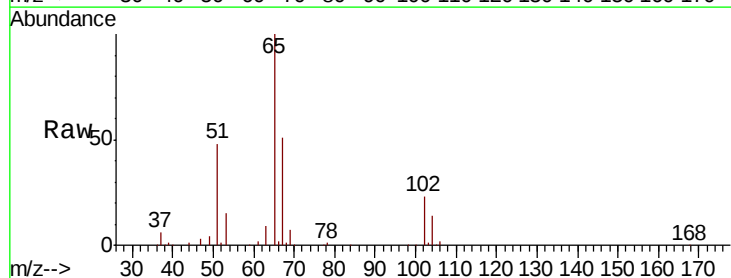
Instrument :
MSVOA_D
ClientSampleId :
SP-C

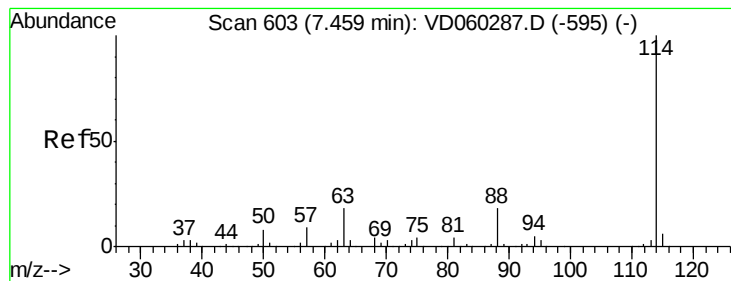
Tot Ion: 84 Resp: 90038
Ion Ratio Lower Upper
84 100
49 132.9 115.6 173.4
51 43.1 35.6 53.4
86 63.5 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060300.D
Acq: 7 Nov 2018 14:49

Tgt Ion: 65 Resp: 541479
Ion Ratio Lower Upper
65 100
67 50.6 0.0 109.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.45 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD060300.D

Acq: 7 Nov 2018 14:49

Instrument :

MSVOA_D

ClientSampled :

SP-C

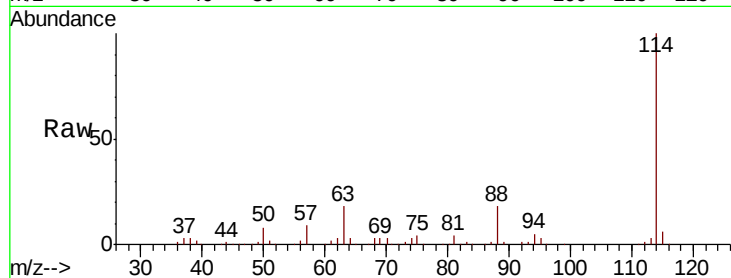
Tot Ion:114 Resp: 2109746

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.0

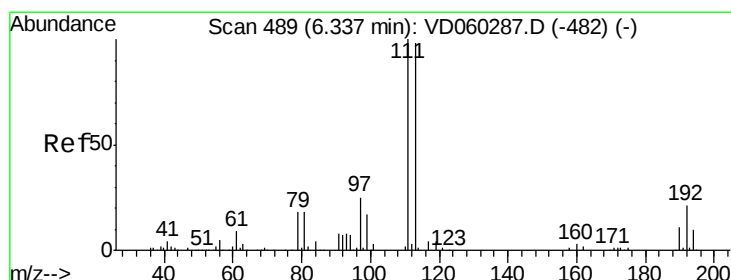
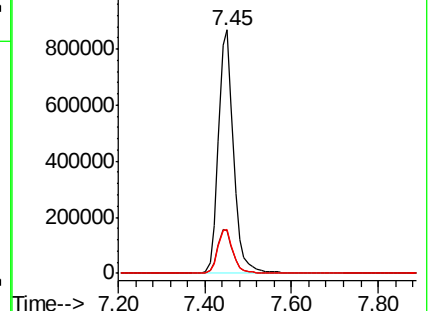
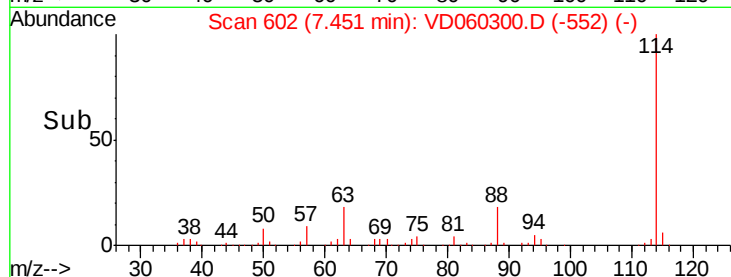
88 17.8 0.0 35.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.41 min Scan# 496

Delta R.T. 0.07 min

Lab File: VD060300.D

Acq: 7 Nov 2018 14:49

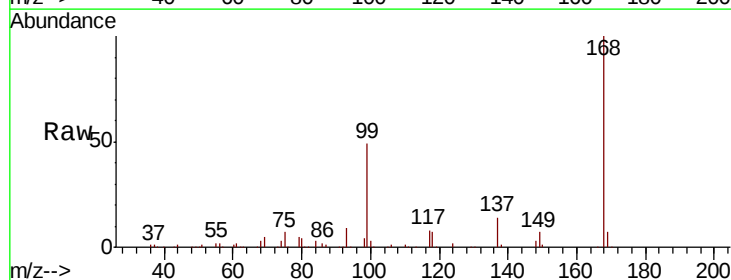
Tgt Ion:113 Resp: 1583

Ion Ratio Lower Upper

113 100

111 70.7 81.6 122.4#

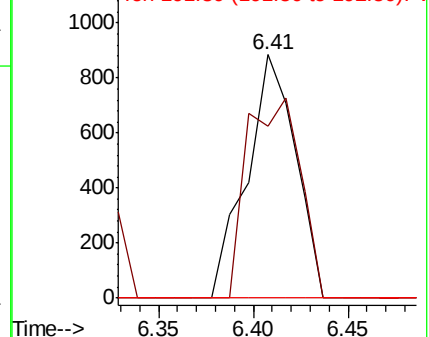
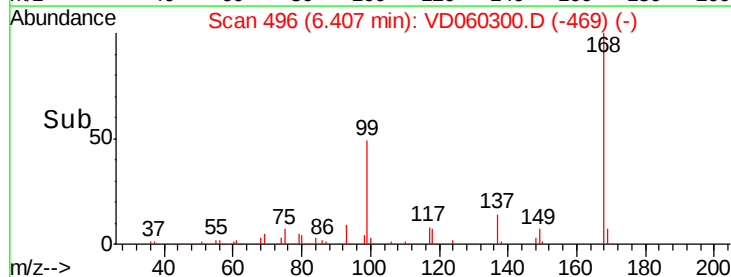
192 0.0 16.5 24.7#

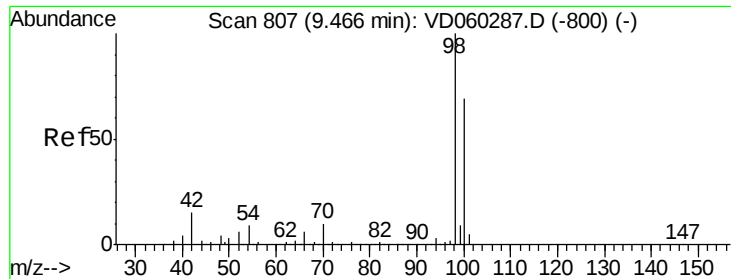


Abundance Ion 112.90 (112.60 to 113.60): V

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: 9.46 min Scan# 806

Delta R.T. -0.01 min

Lab File: VD060300.D

Acq: 7 Nov 2018 14:49

Instrument :

MSVOA_D

ClientSampleId :

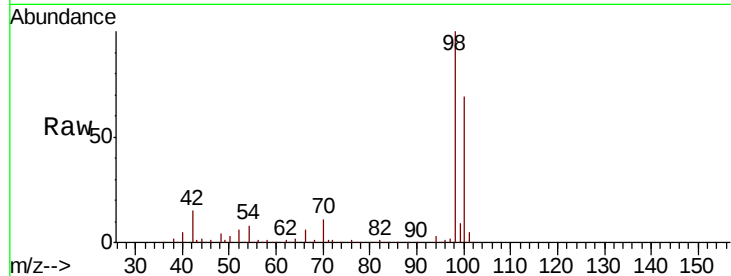
SP-C

Tot Ion: 98 Resp: 1892265

Ion Ratio Lower Upper

98 100

100 69.0 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

9.46

800000

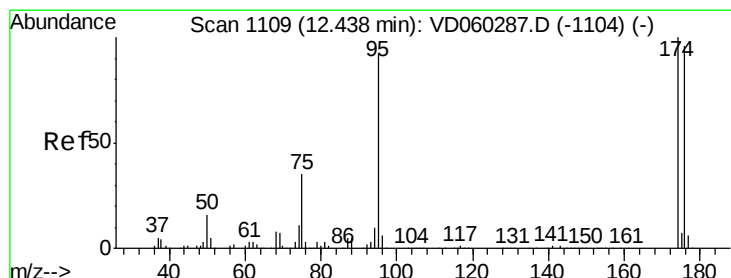
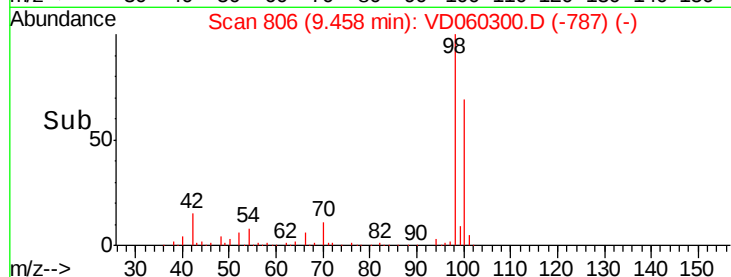
600000

400000

200000

0

Time--> 9.30 9.40 9.50 9.60



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060300.D

Acq: 7 Nov 2018 14:49

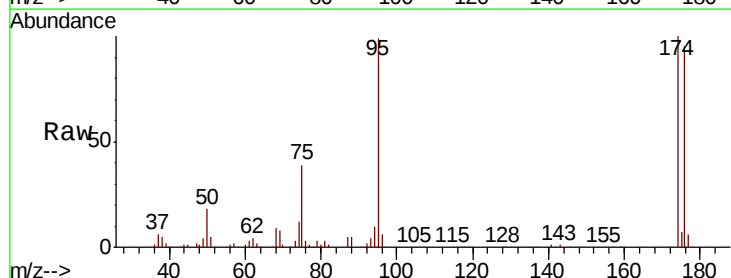
Tgt Ion: 95 Resp: 520580

Ion Ratio Lower Upper

95 100

174 101.5 0.0 160.8

176 96.4 0.0 154.6



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

12.43

500000

400000

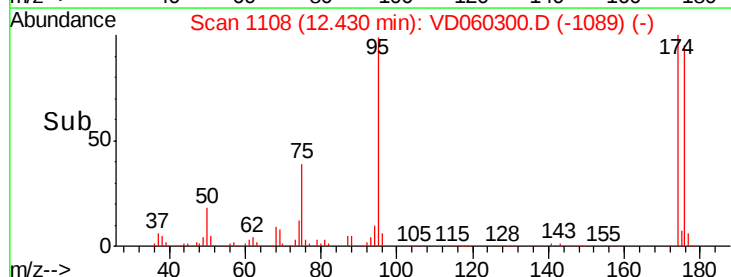
300000

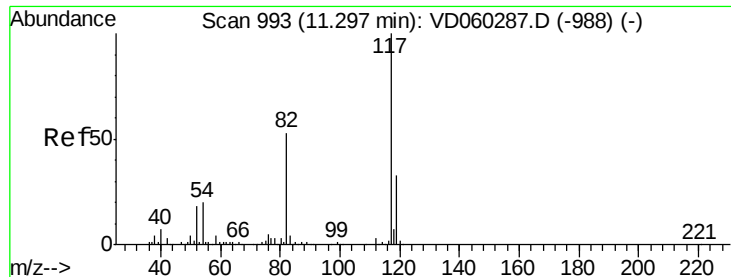
200000

100000

0

Time--> 12.30 12.40 12.50 12.60

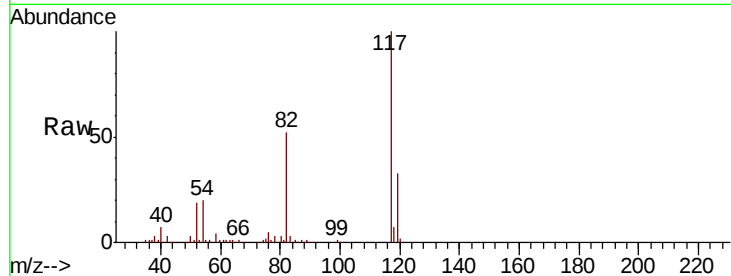




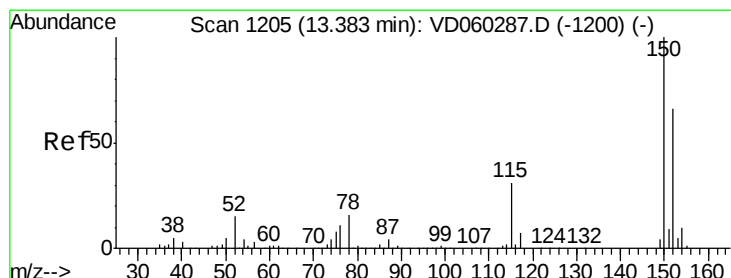
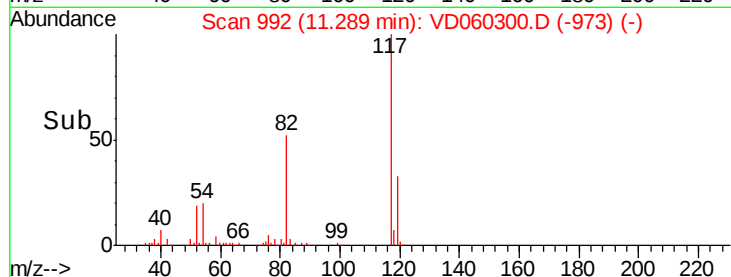
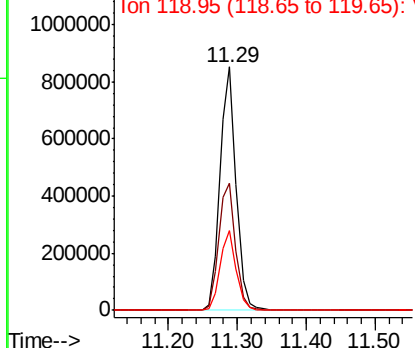
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060300.D
Acq: 7 Nov 2018 14:49

Instrument :
MSVOA_D
ClientSampleId :
SP-C

Tot Ion:117 Resp: 1375692
Ion Ratio Lower Upper
117 100
82 52.3 43.7 65.5
119 32.9 26.1 39.1

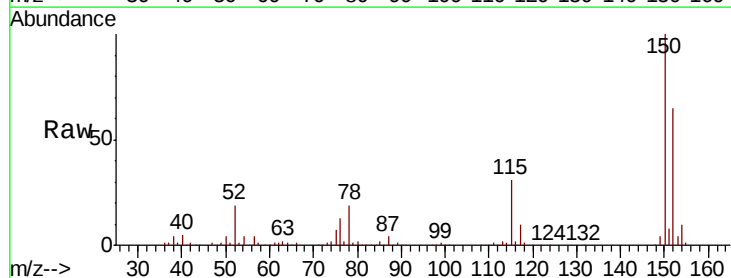


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060300.D
Acq: 7 Nov 2018 14:49

Tgt Ion:152 Resp: 432162
Ion Ratio Lower Upper
152 100
115 48.7 24.1 72.3
150 155.0 0.0 310.6



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

