

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110718\
 Data File : VD060305.D
 Acq On : 7 Nov 2018 17:10
 Operator : JC/SY
 Sample : J5768-01
 Misc : 7.03g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-110718-A

Quant Time: Nov 08 15:43:01 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

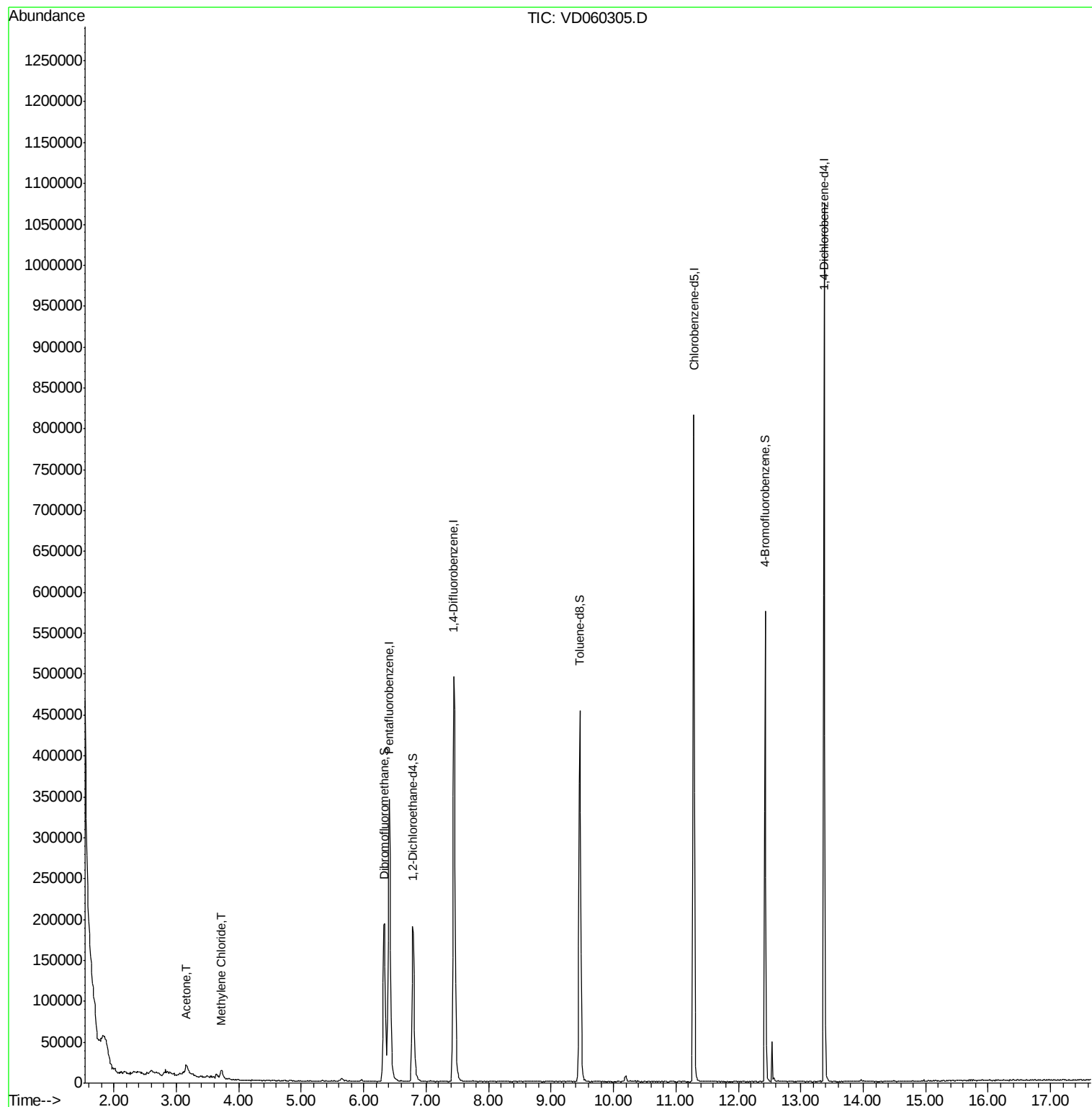
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	333281	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	520542	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.29	117	459249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	232420	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	162079	67.92	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	135.84%	
35) Dibromofluoromethane	6.32	113	156675	40.36	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	80.72%	
50) Toluene-d8	9.46	98	349384	30.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.50%	
62) 4-Bromofluorobenzene	12.43	95	150780	36.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.26%	
Target Compounds						
16) Acetone	3.16	43	28303	68.375	ug/l #	89
20) Methylene Chloride	3.73	84	6882	1.874	ug/l #	74

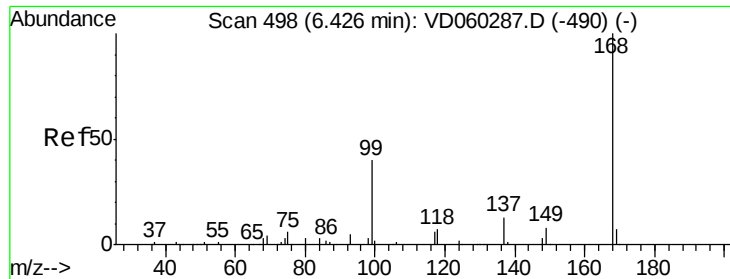
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110718\
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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: VD060305.D

Acq: 7 Nov 2018 17:10

Instrument :

MSVOA_D

ClientSampleId :

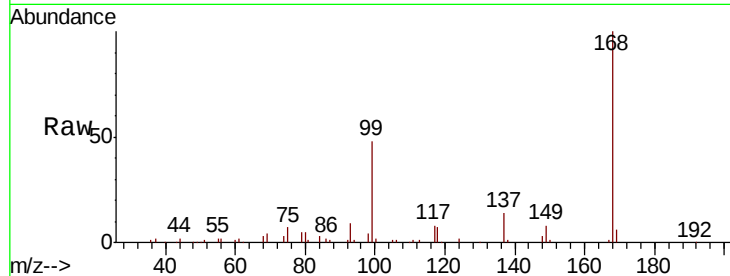
OK-02-110718-A

Tot Ion:168 Resp: 333281

Ion Ratio Lower Upper

168 100

99 48.1 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

150000

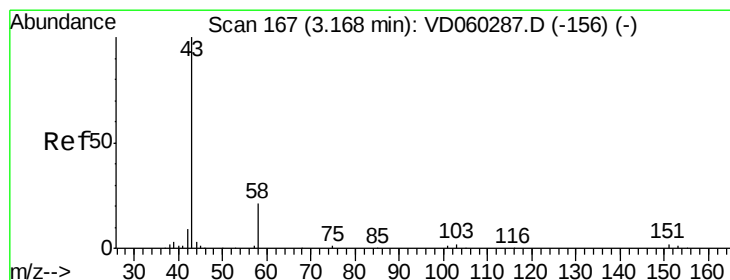
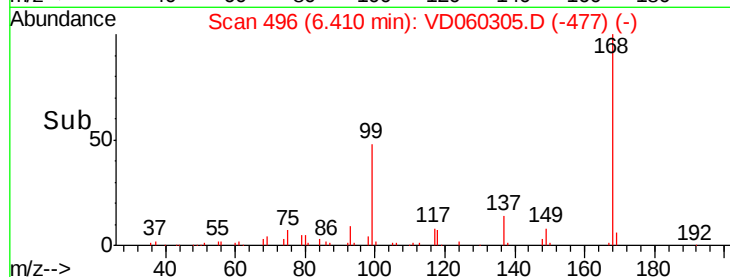
100000

50000

0

Time-->

6.30 6.40 6.50 6.60



#16

Acetone

Concen: 68.375 ug/l

RT: 3.16 min Scan# 166

Delta R.T. -0.01 min

Lab File: VD060305.D

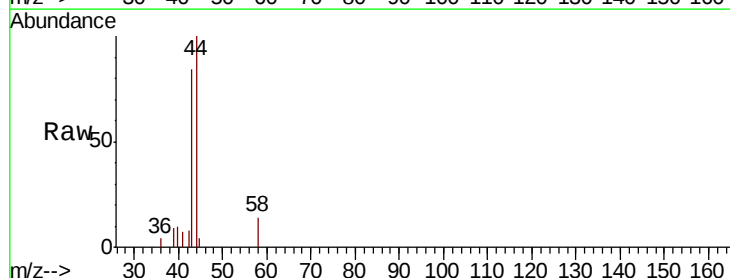
Acq: 7 Nov 2018 17:10

Tgt Ion: 43 Resp: 28303

Ion Ratio Lower Upper

43 100

58 16.1 16.9 25.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

8000

6000

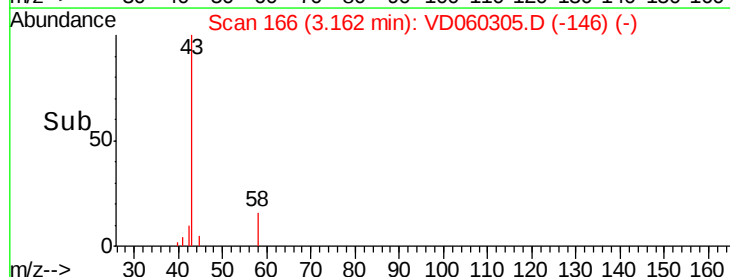
4000

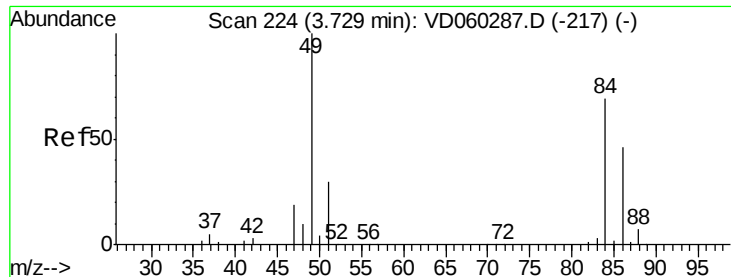
2000

0

Time-->

3.00 3.10 3.20 3.30

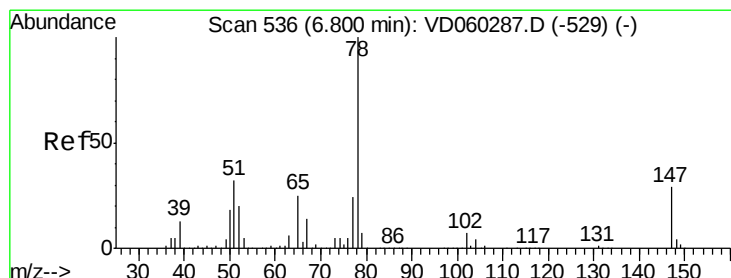
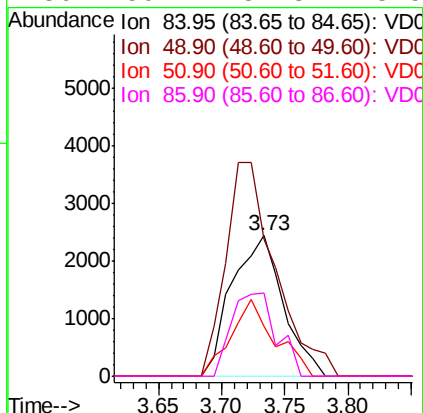
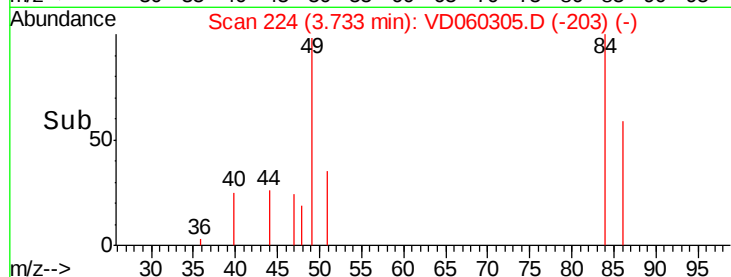
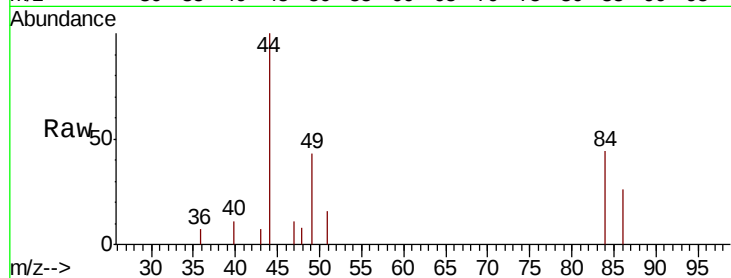




#20
Methvlene Chloride
Concen: 1.874 ug/l
RT: 3.73 min Scan# 224
Delta R.T. 0.00 min
Lab File: VD060305.D
Acq: 7 Nov 2018 17:10

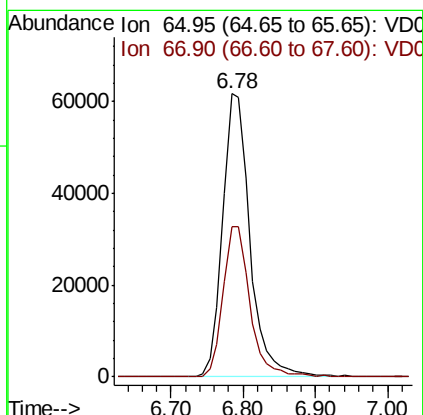
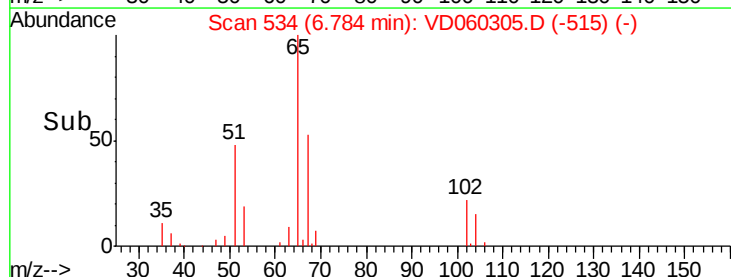
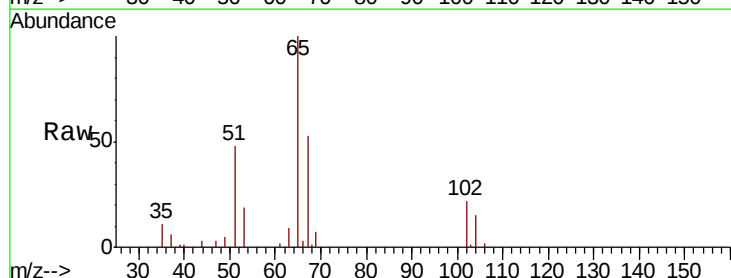
Instrument :
MSVOA_D
ClientSampleId :
OK-02-110718-A

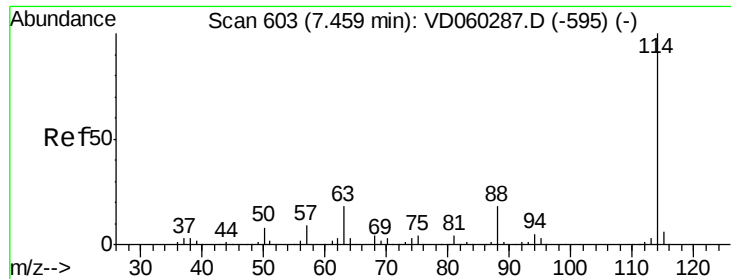
Tot Ion: 84 Resp: 6882
Ion Ratio Lower Upper
84 100
49 97.6 115.6 173.4#
51 35.3 35.6 53.4#
86 59.1 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. -0.02 min
Lab File: VD060305.D
Acq: 7 Nov 2018 17:10

Tgt Ion: 65 Resp: 162079
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.8

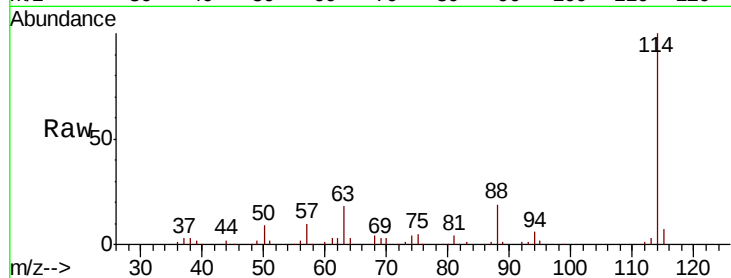




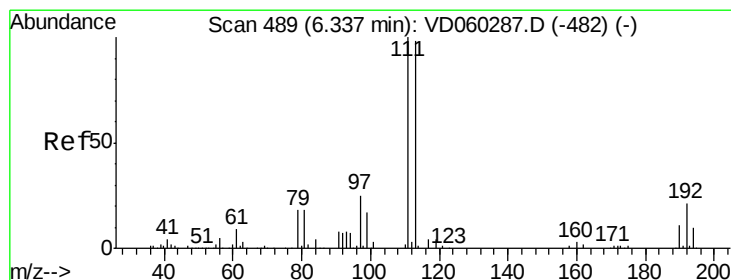
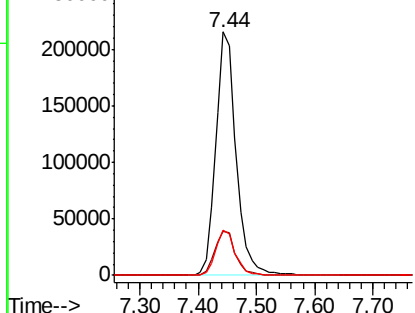
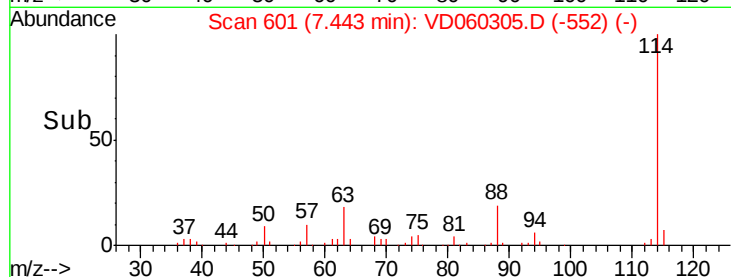
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: VD060305.D
 Acq: 7 Nov 2018 17:10

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-110718-A

Tot Ion:114 Resp: 520542
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 34.0
 88 18.7 0.0 35.4

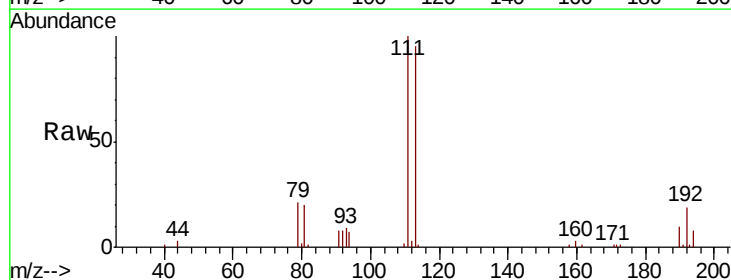


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

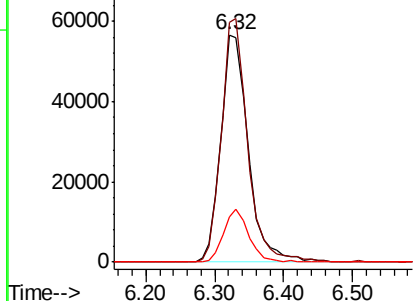
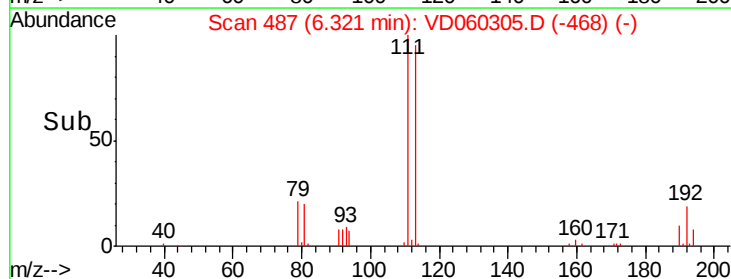


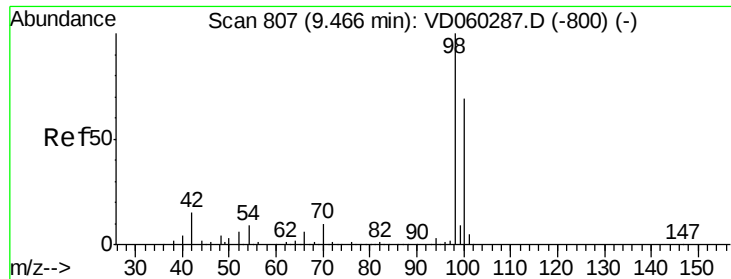
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: VD060305.D
 Acq: 7 Nov 2018 17:10

Tgt Ion:113 Resp: 156675
 Ion Ratio Lower Upper
 113 100
 111 105.2 81.6 122.4
 192 19.6 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: VD060305.D

Acq: 7 Nov 2018 17:10

Instrument :

MSVOA_D

ClientSampleId :

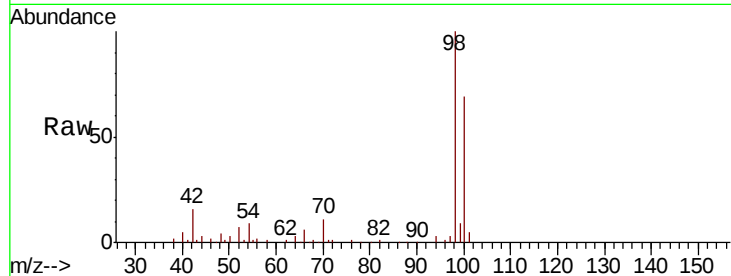
OK-02-110718-A

Tot Ion: 98 Resp: 349384

Ion Ratio Lower Upper

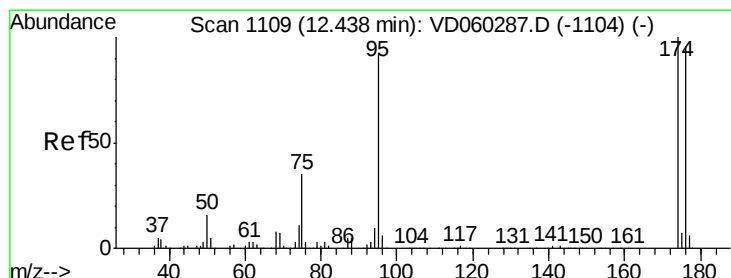
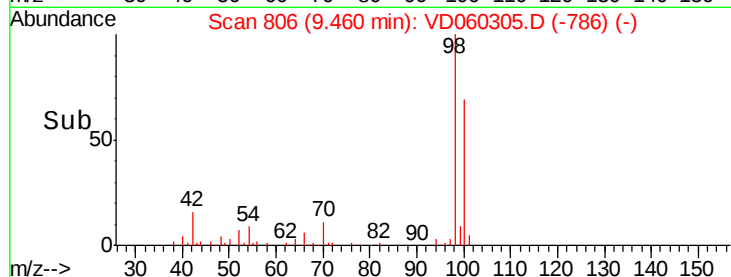
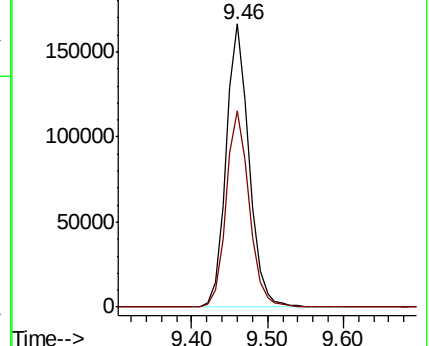
98 100

100 69.4 55.2 82.8



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: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060305.D

Acq: 7 Nov 2018 17:10

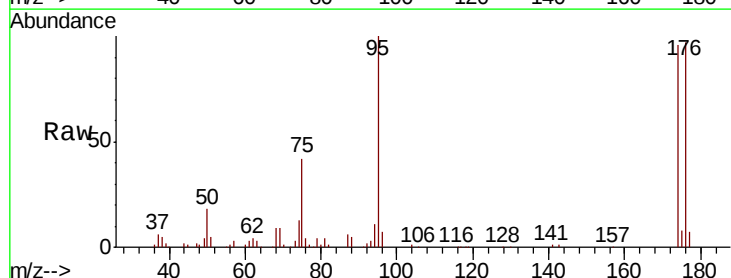
Tgt Ion: 95 Resp: 150780

Ion Ratio Lower Upper

95 100

174 95.8 0.0 160.8

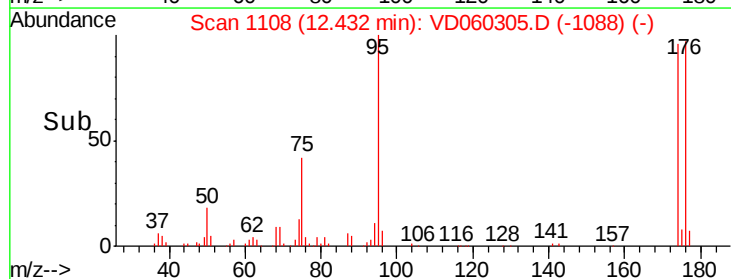
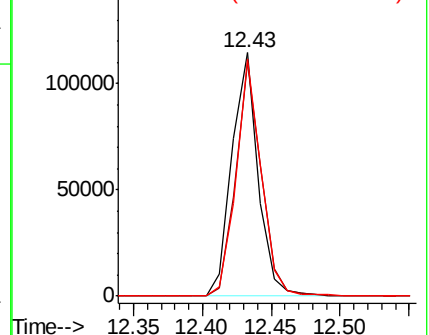
176 97.4 0.0 154.6

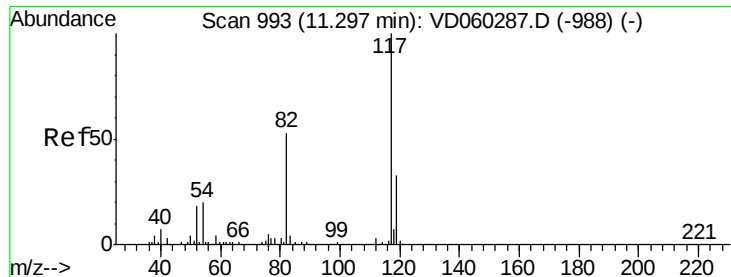


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

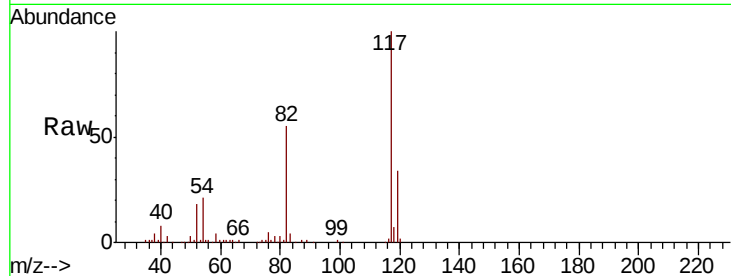




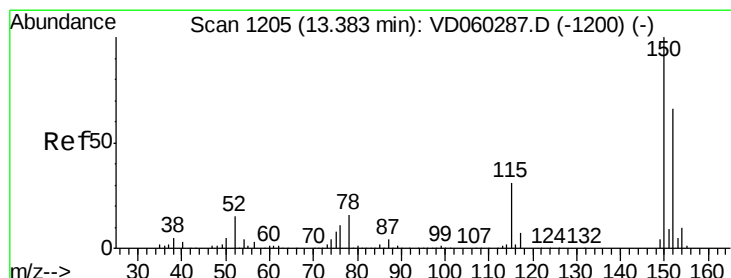
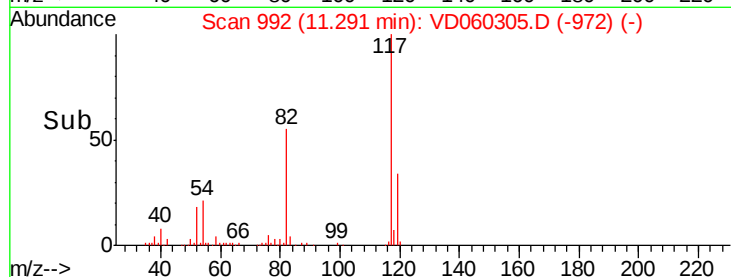
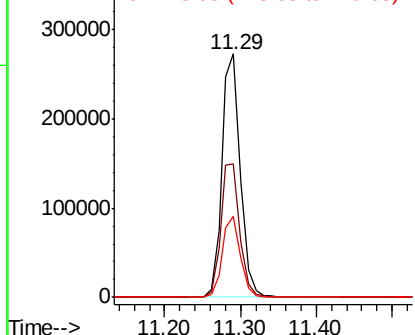
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060305.D
Acq: 7 Nov 2018 17:10

Instrument :
MSVOA_D
ClientSampleId :
OK-02-110718-A

Tot Ion:117 Resp: 459249
Ion Ratio Lower Upper
117 100
82 55.0 43.7 65.5
119 33.5 26.1 39.1

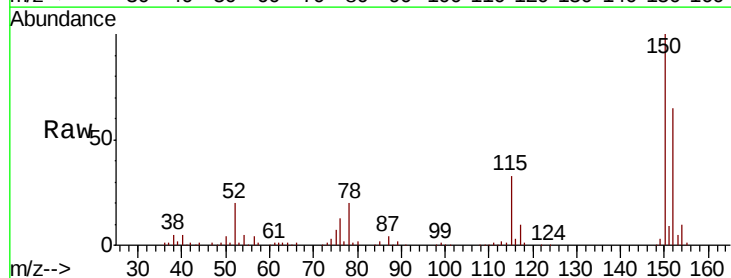


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060305.D
Acq: 7 Nov 2018 17:10

Tgt Ion:152 Resp: 232420
Ion Ratio Lower Upper
152 100
115 50.6 24.1 72.3
150 154.2 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

