

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111418\
 Data File : VD060380.D
 Acq On : 14 Nov 2018 15:45
 Operator : JC/SY
 Sample : J5923-01
 Misc : 5.08g/5ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MS-OILY-STONE

Quant Time: Nov 15 05:46:52 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	6.38	168	1664564	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	7.41	114	2251663	50.00	ug/l	-0.05
63) Chlorobenzene-d5	11.26	117	1740722	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	13.36	152	841273	50.00	ug/l	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.75	65	495505	41.57	ug/l	-0.05
Spiked Amount			Recovery	=	83.14%	
35) Dibromofluoromethane	6.29	113	676260	40.28	ug/l	-0.05
Spiked Amount			Recovery	=	80.56%	
50) Toluene-d8	9.43	98	1824189	37.12	ug/l	-0.04
Spiked Amount			Recovery	=	74.24%	
62) 4-Bromofluorobenzene	12.41	95	659016	37.01	ug/l	-0.03
Spiked Amount			Recovery	=	74.02%	

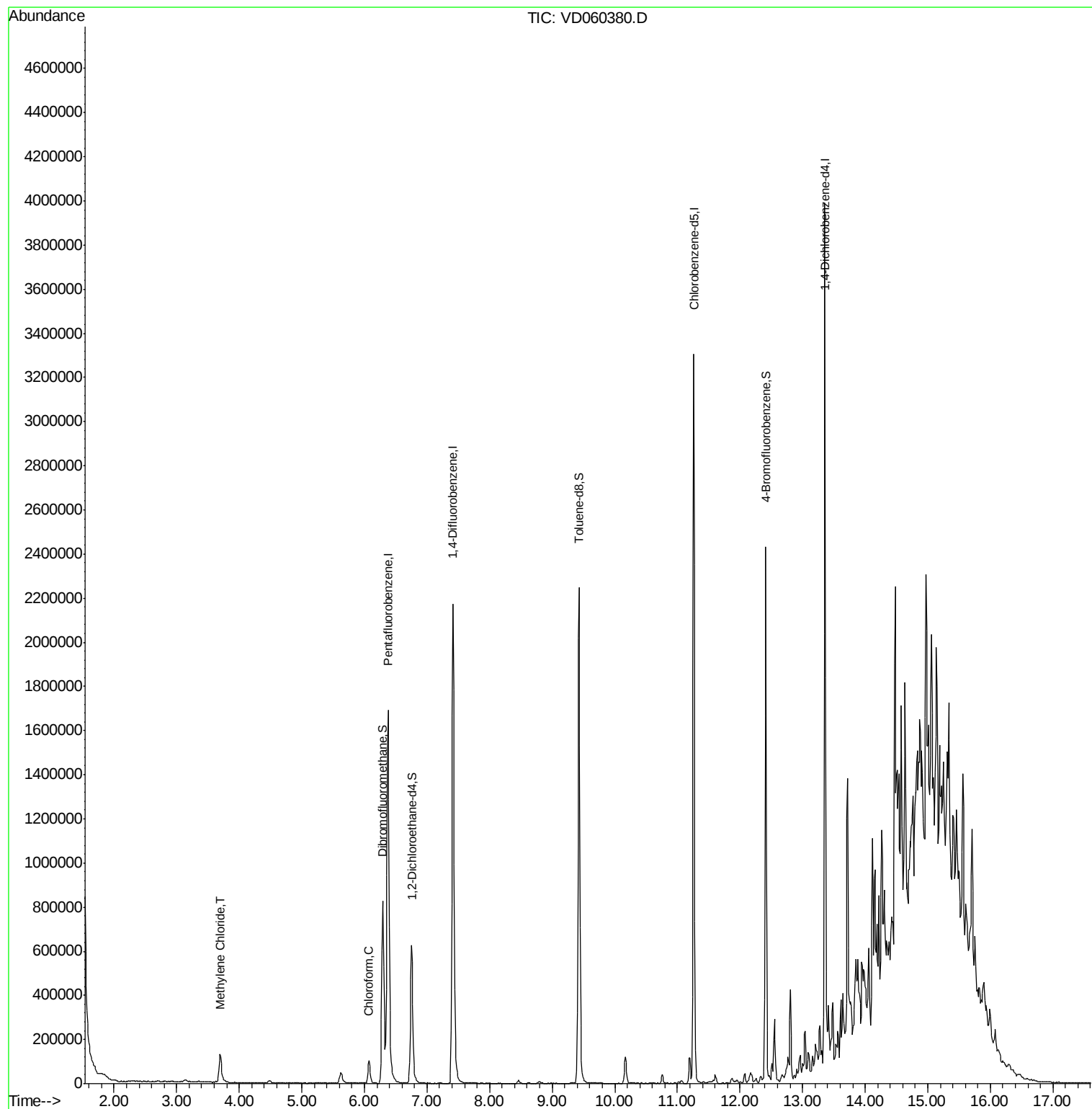
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.70	84	86621	4.72	ug/l	94
30) Chloroform	6.07	83	104104	3.50	ug/l	99

(#) = 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: 50.00 ug/l

RT: 6.38 min Scan# 493

Delta R.T. -0.05 min

Lab File: VD060380.D

Acq: 14 Nov 2018 15:45

Instrument :

MSVOA_D

ClientSampleId :

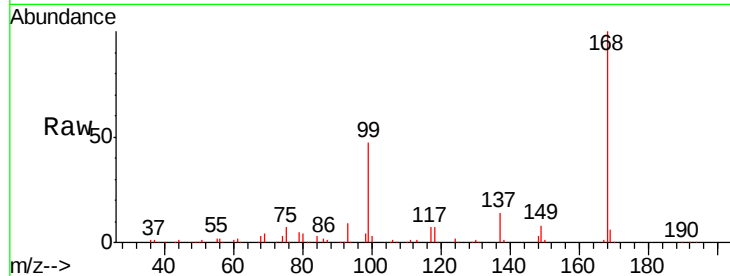
MS-OILY-STONE

Tgt Ion:168 Resp: 1664564

Ion Ratio Lower Upper

168 100

99 47.2 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.38

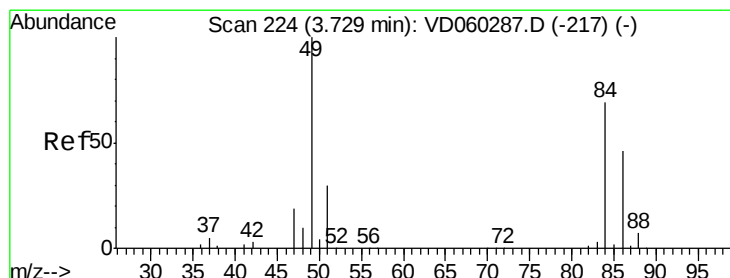
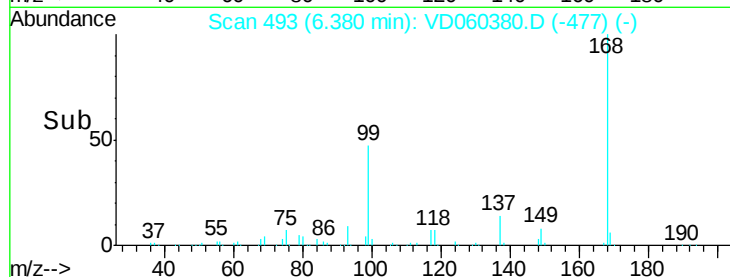
600000

400000

200000

0

Time--> 6.20 6.40 6.60



#20

Methylene Chloride

Concen: 4.72 ug/l

RT: 3.70 min Scan# 221

Delta R.T. -0.03 min

Lab File: VD060380.D

Acq: 14 Nov 2018 15:45

Tgt Ion: 84 Resp: 86621

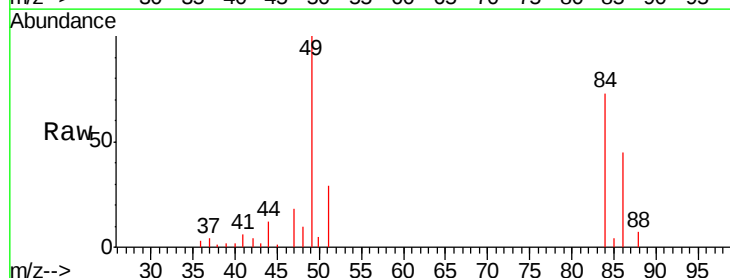
Ion Ratio Lower Upper

84 100

49 137.3 115.6 173.4

51 39.2 35.6 53.4

86 61.8 52.3 78.5



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

60000

50000

40000

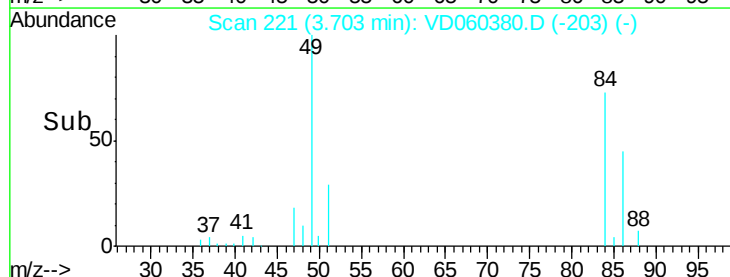
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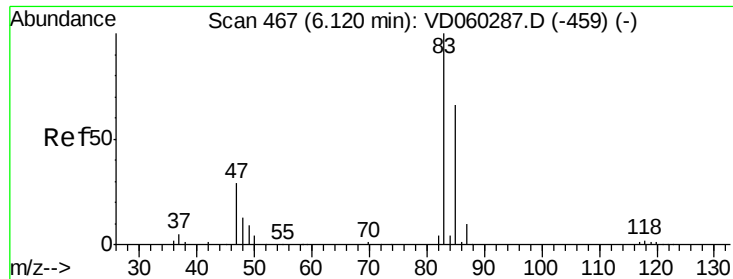
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10000

0

Time--> 3.60 3.70 3.80 3.90

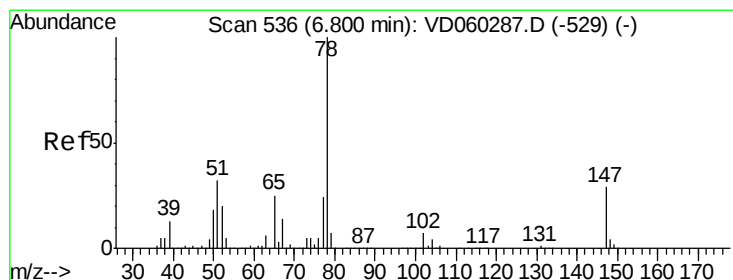
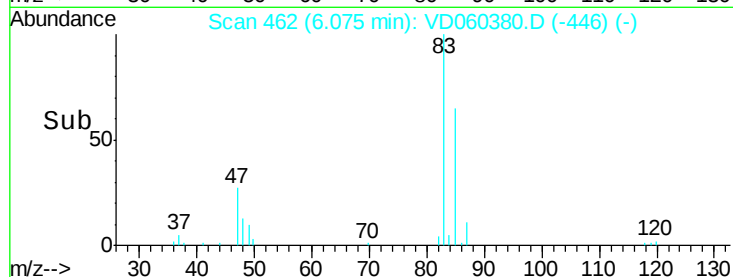
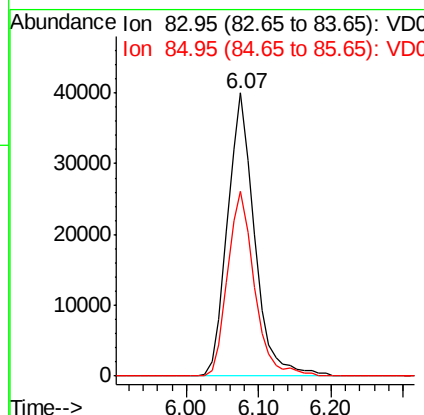
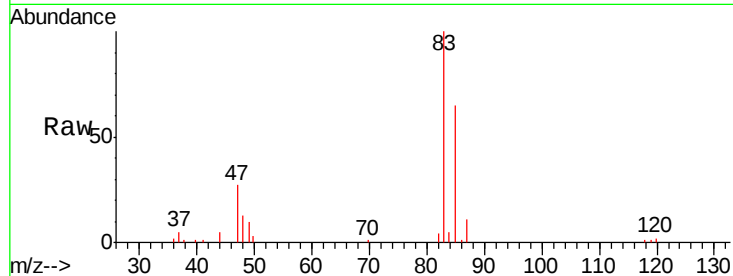




#30
Chloroform
Concen: 3.50 ug/l
RT: 6.07 min Scan# 462
Delta R.T. -0.05 min
Lab File: VD060380.D
Acq: 14 Nov 2018 15:45

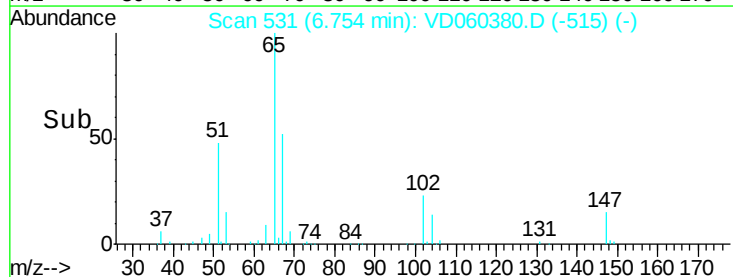
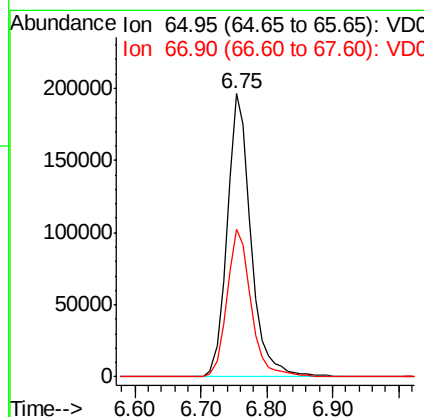
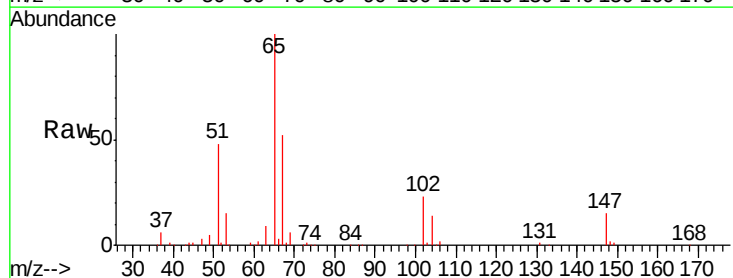
Instrument :
MSVOA_D
ClientSampleId :
MS-OILY-STONE

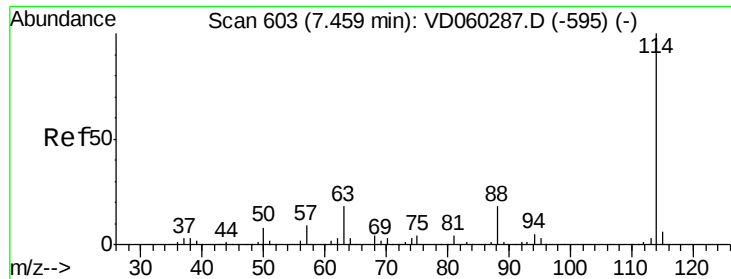
Tgt Ion: 83 Resp: 104104
Ion Ratio Lower Upper
83 100
85 65.1 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.75 min Scan# 531
Delta R.T. -0.05 min
Lab File: VD060380.D
Acq: 14 Nov 2018 15:45

Tgt Ion: 65 Resp: 495505
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.8

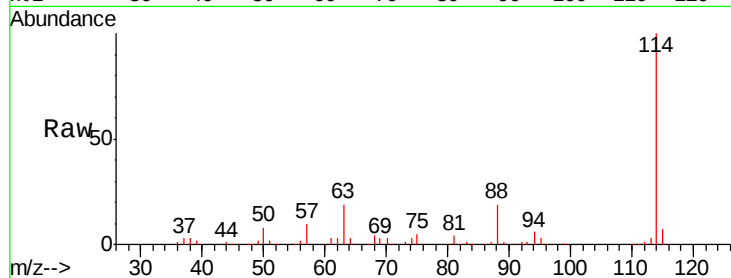




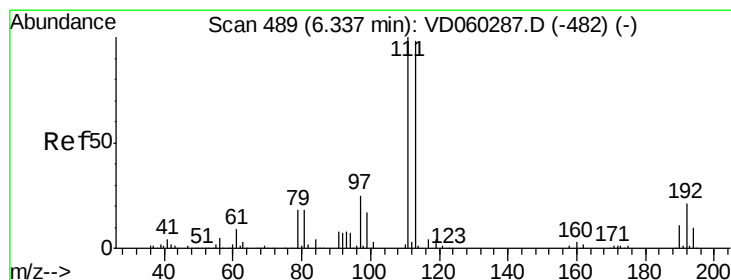
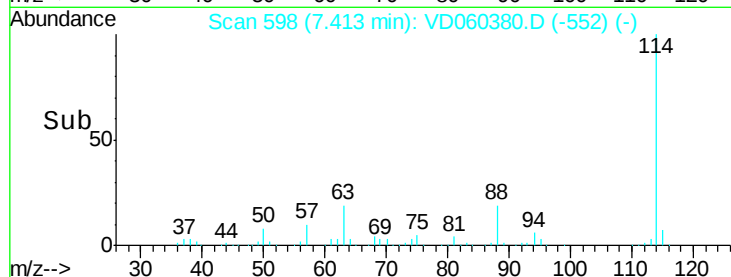
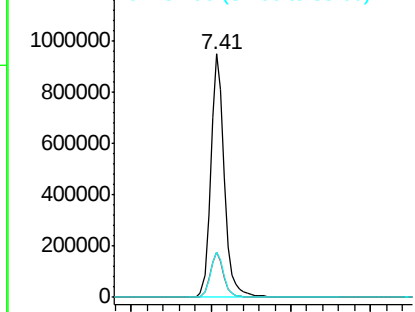
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.41 min Scan# 598
 Delta R.T. -0.05 min
 Lab File: VD060380.D
 Acq: 14 Nov 2018 15:45

Instrument :
 MSVOA_D
 ClientSampleId :
 MS-OILY-STONE

Tgt Ion:114 Resp: 2251663
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 34.0
 88 18.7 0.0 35.4

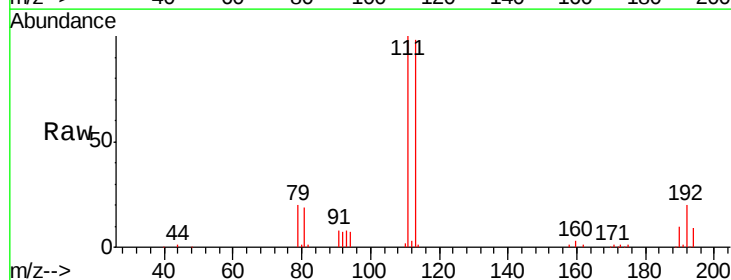


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

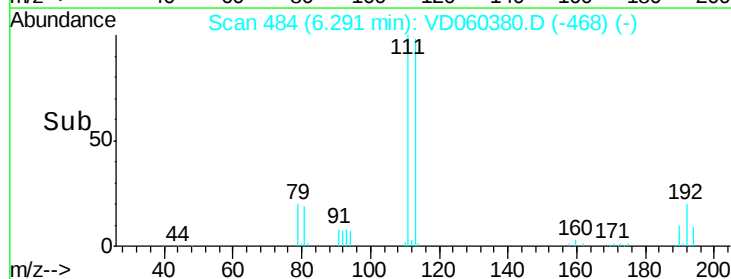
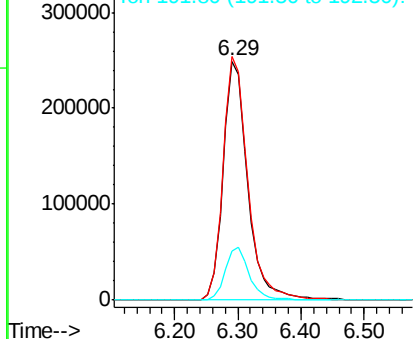


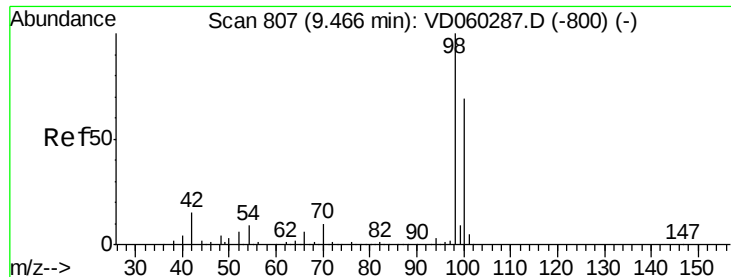
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.29 min Scan# 484
 Delta R.T. -0.05 min
 Lab File: VD060380.D
 Acq: 14 Nov 2018 15:45

Tgt Ion:113 Resp: 676260
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.6 122.4
 192 20.5 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: 9.43 min Scan# 803

Delta R.T. -0.04 min

Lab File: VD060380.D

Acq: 14 Nov 2018 15:45

Instrument :

MSVOA_D

ClientSampleId :

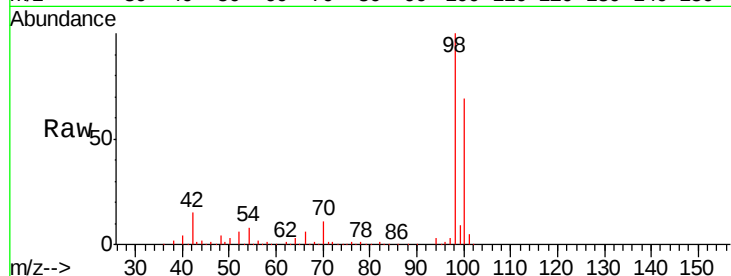
MS-OILY-STONE

Tgt Ion: 98 Resp: 1824189

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

9.43

800000

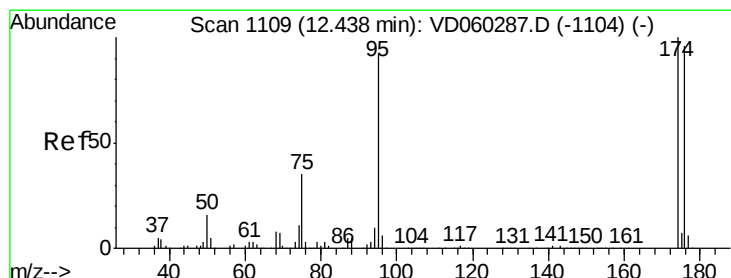
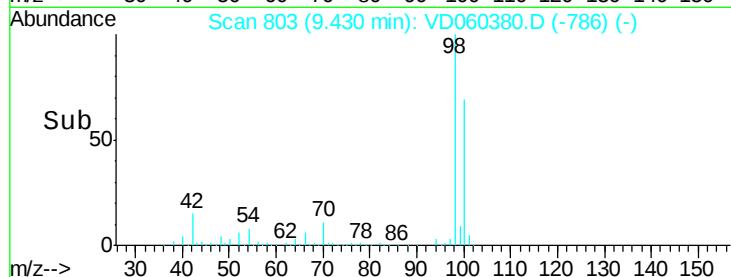
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.41 min Scan# 1106

Delta R.T. -0.03 min

Lab File: VD060380.D

Acq: 14 Nov 2018 15:45

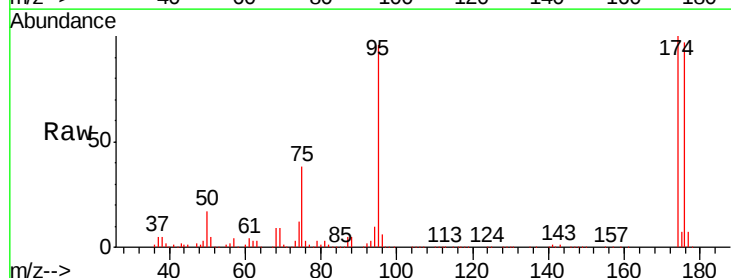
Tgt Ion: 95 Resp: 659016

Ion Ratio Lower Upper

95 100

174 103.8 0.0 160.8

176 100.2 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

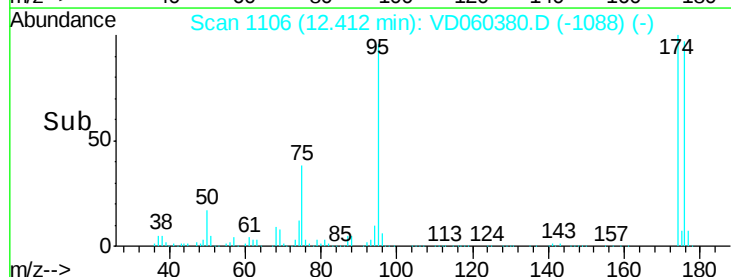
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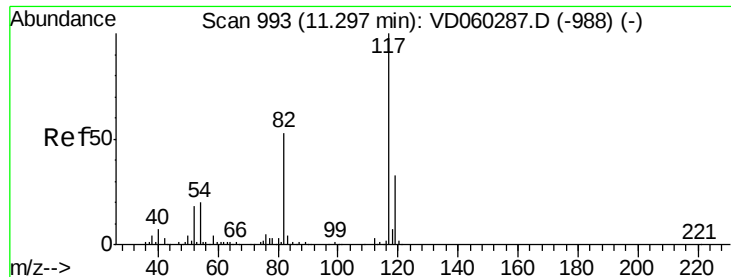
400000

200000

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Time-->

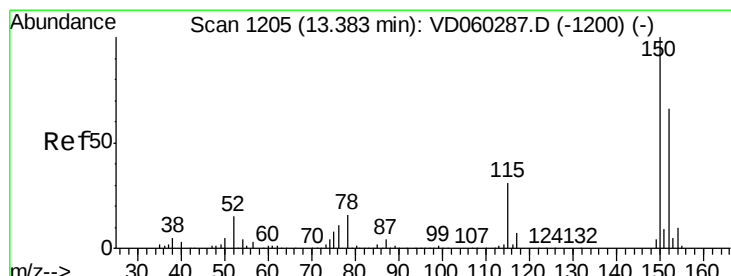
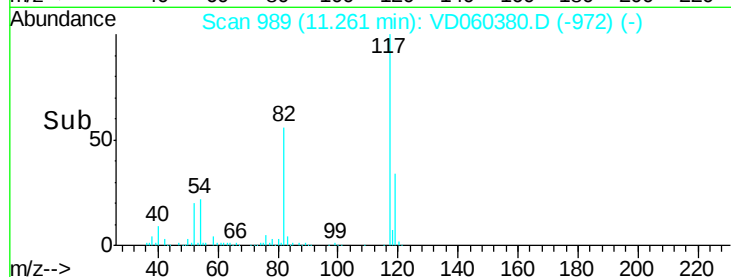
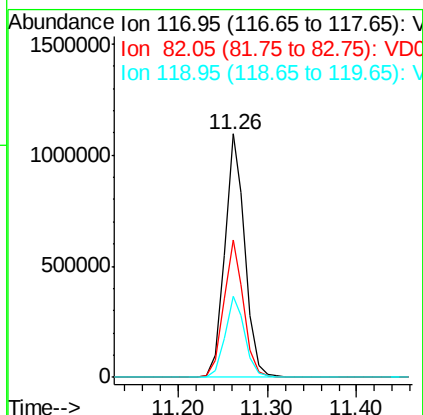
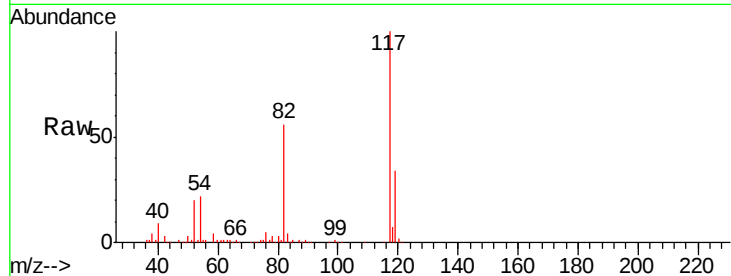




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.26 min Scan# 989
Delta R.T. -0.04 min
Lab File: VD060380.D
Acq: 14 Nov 2018 15:45

Instrument :
MSVOA_D
ClientSampleId :
MS-OILY-STONE

Tgt Ion:117 Resp: 1740722
Ion Ratio Lower Upper
117 100
82 56.3 43.7 65.5
119 33.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.36 min Scan# 1202
Delta R.T. -0.03 min
Lab File: VD060380.D
Acq: 14 Nov 2018 15:45

Tgt Ion:152 Resp: 841273
Ion Ratio Lower Upper
152 100
115 50.6 24.1 72.3
150 154.1 0.0 310.6

