

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120418\
 Data File : VD060486.D
 Acq On : 4 Dec 2018 14:39
 Operator : VA/AP
 Sample : J6201-01
 Misc : 6.07g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11932-72-11967

Quant Time: Dec 05 02:48:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

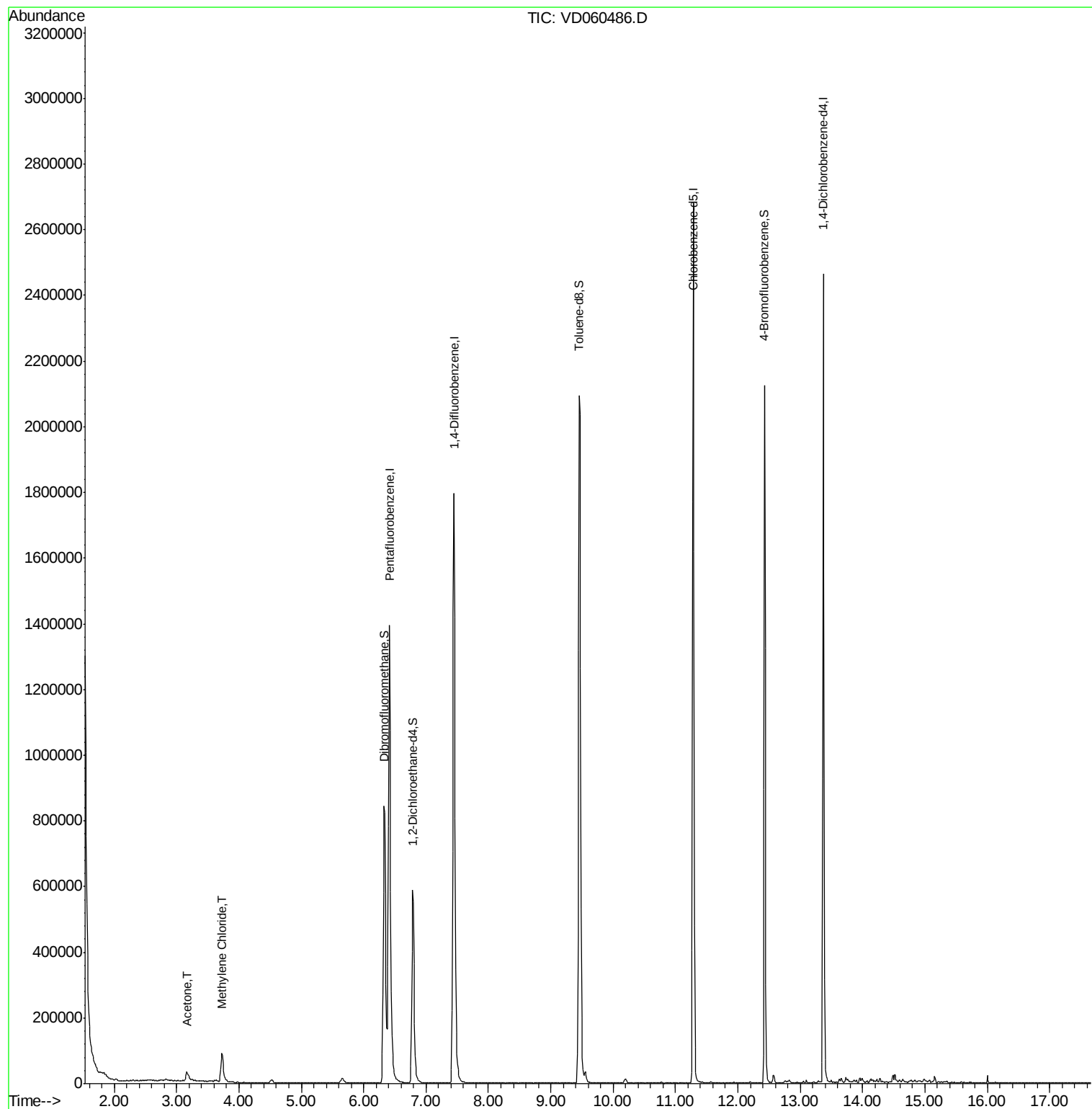
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1377788	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.45	114	1891684	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.29	117	1423796	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	565811	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	496139	50.29	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	100.58%	
35) Dibromofluoromethane	6.33	113	696652	49.39	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	98.78%	
50) Toluene-d8	9.45	98	1774024	42.97	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	85.94%	
62) 4-Bromofluorobenzene	12.43	95	569777	38.09	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	76.18%	
Target Compounds						
16) Acetone	3.17	43	65854	38.484	ug/l	95
20) Methylene Chloride	3.73	84	58654	3.864	ug/l	96

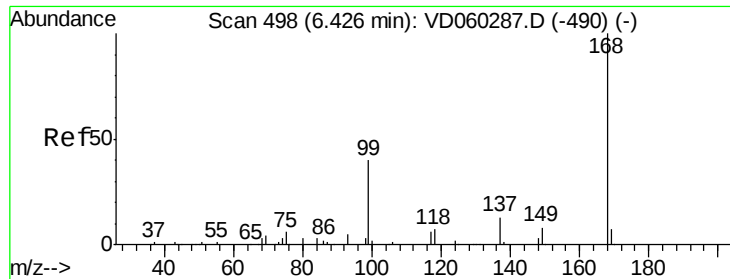
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 19 16:31:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060486.D

Acq: 4 Dec 2018 14:39

Instrument :

MSVOA_D

ClientSampleId :

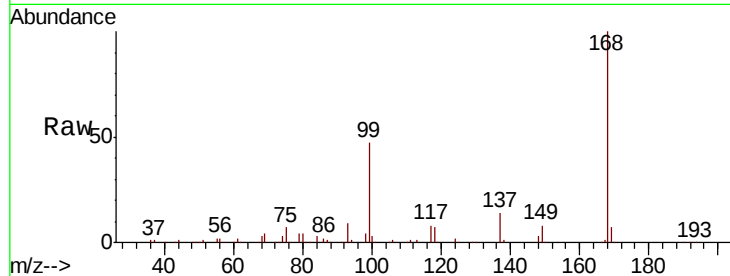
72-11932-72-11967

Tot Ion:168 Resp: 1377788

Ion Ratio Lower Upper

168 100

99 46.5 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

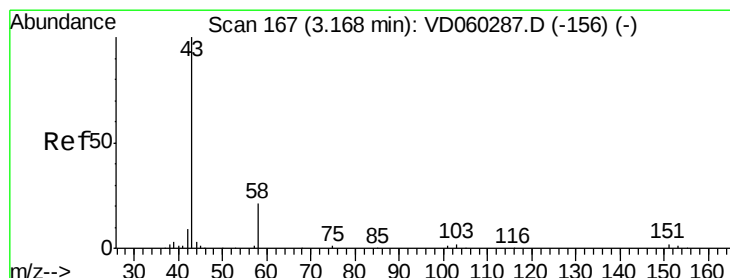
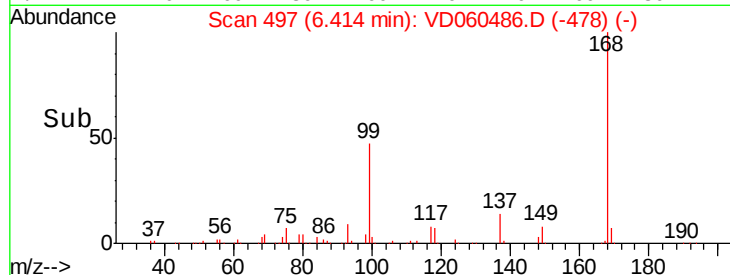
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 38.484 ug/l

RT: 3.17 min Scan# 167

Delta R.T. -0.00 min

Lab File: VD060486.D

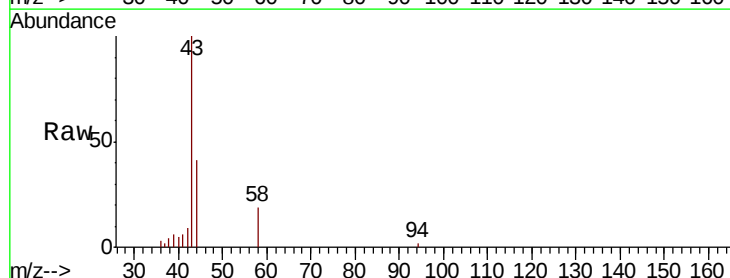
Acq: 4 Dec 2018 14:39

Tgt Ion: 43 Resp: 65854

Ion Ratio Lower Upper

43 100

58 18.9 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.17

20000

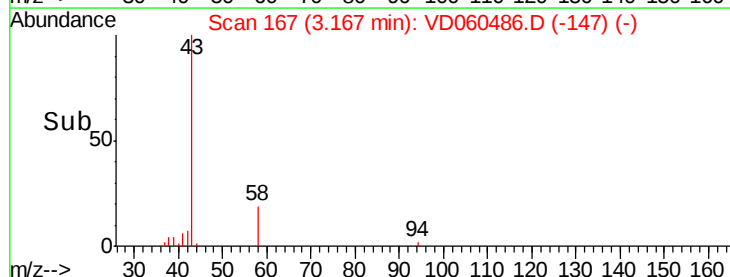
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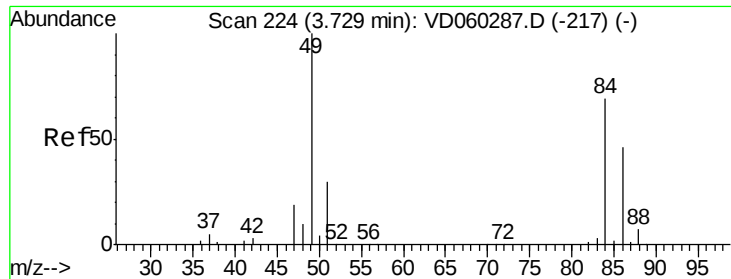
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5000

0

Time-->

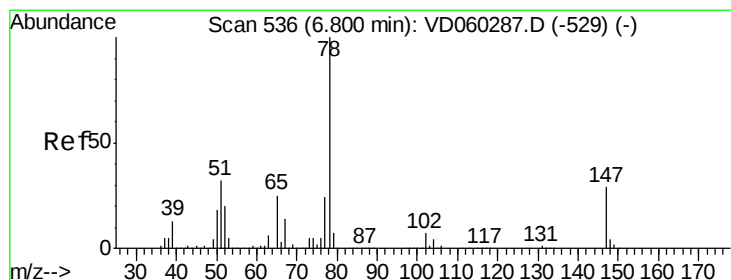
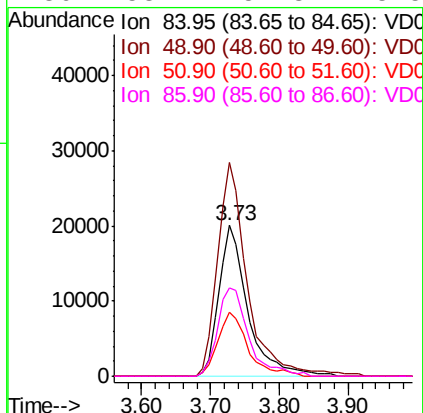
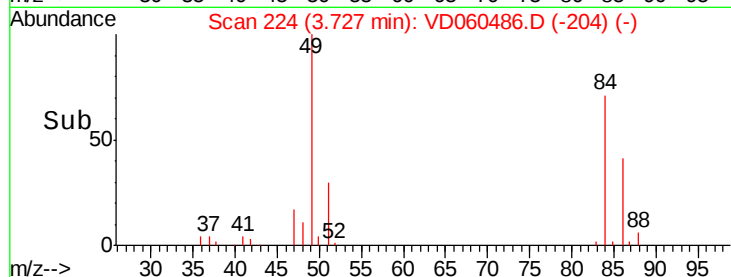
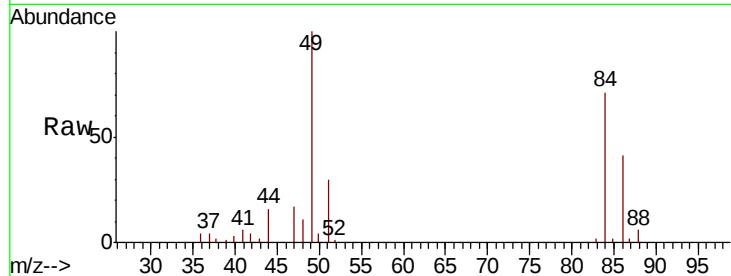




#20
Methylene Chloride
Concen: 3.864 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.00 min
Lab File: VD060486.D
Acq: 4 Dec 2018 14:39

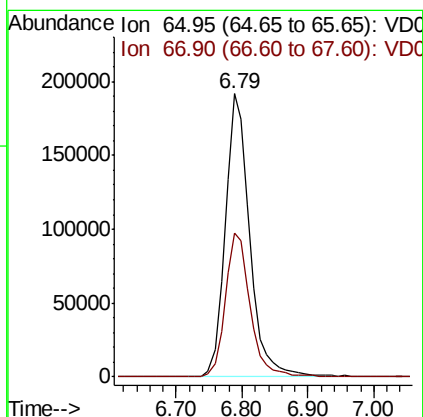
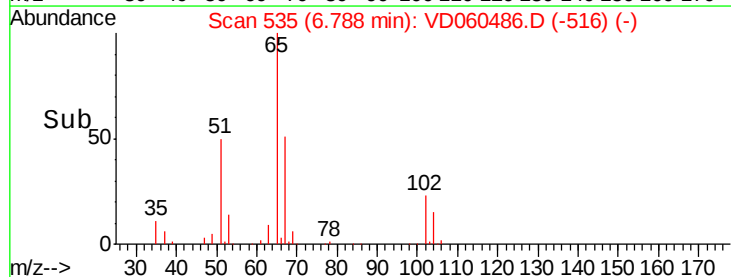
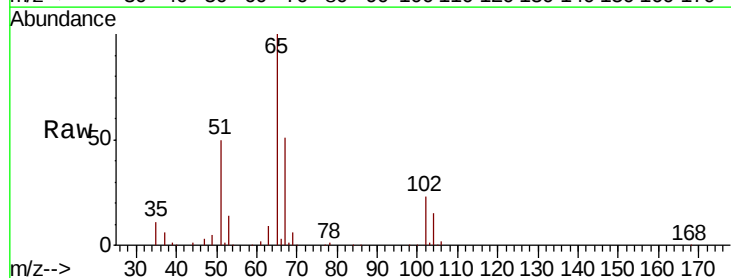
Instrument :
MSVOA_D
ClientSampleId :
72-11932-72-11967

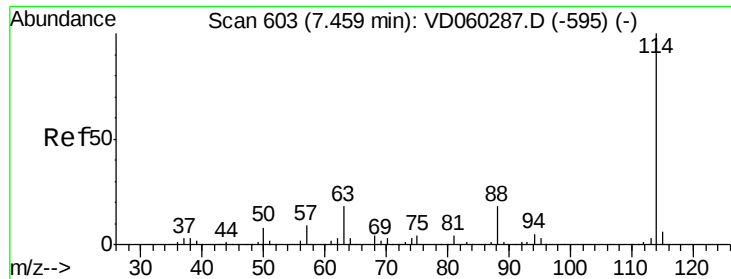
Tot Ion: 84 Resp: 58654
Ion Ratio Lower Upper
84 100
49 141.5 115.6 173.4
51 42.4 35.6 53.4
86 58.2 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060486.D
Acq: 4 Dec 2018 14:39

Tgt Ion: 65 Resp: 496139
Ion Ratio Lower Upper
65 100
67 50.7 0.0 109.8

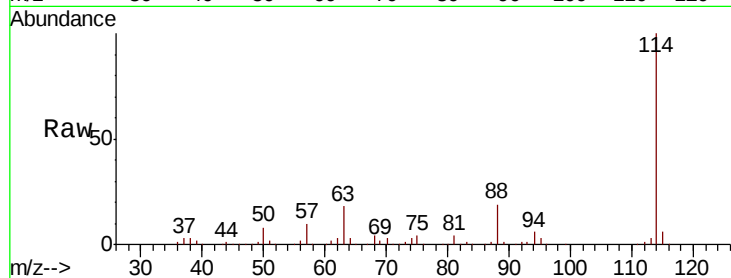




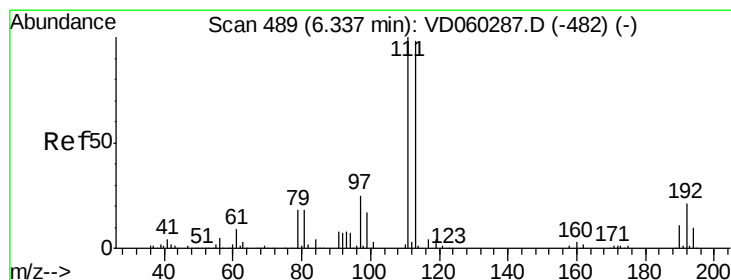
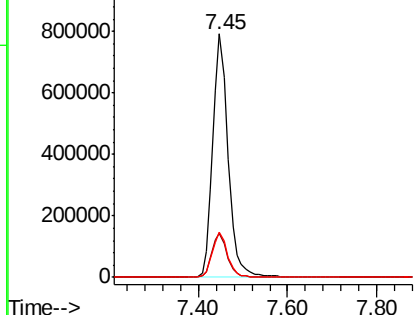
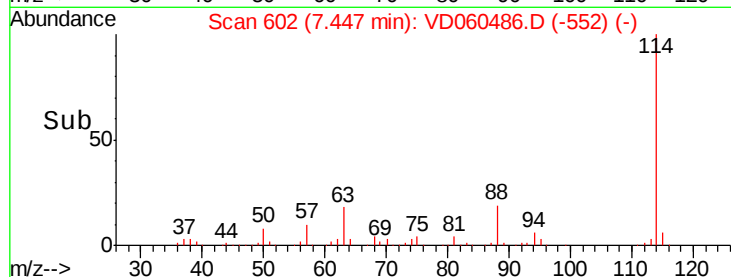
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060486.D
 Acq: 4 Dec 2018 14:39

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11932-72-11967

Tot Ion:114 Resp: 1891684
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 34.0
 88 18.6 0.0 35.4

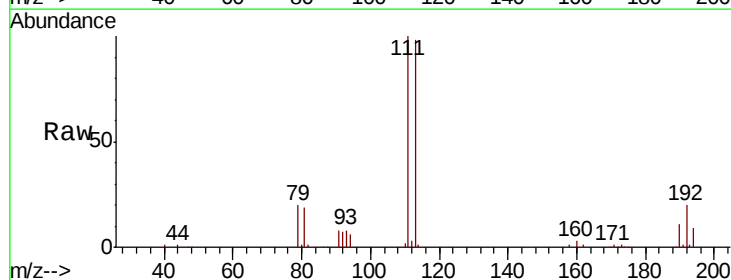


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

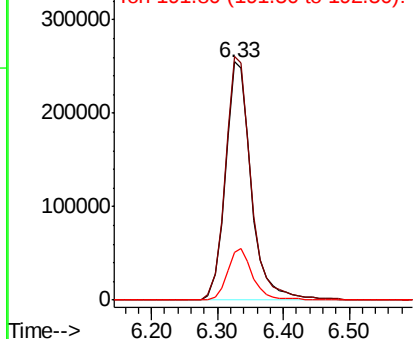
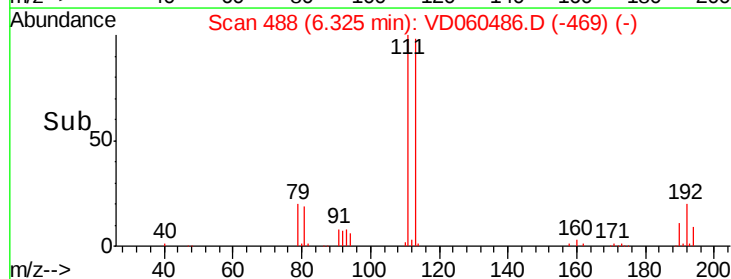


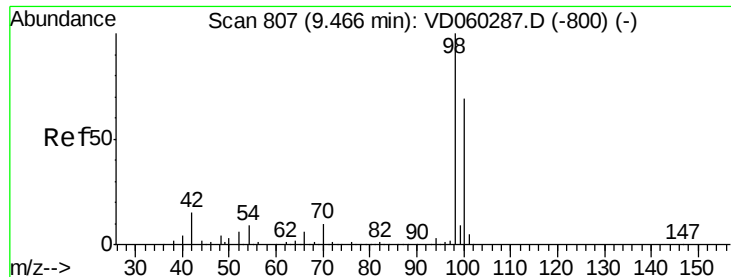
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060486.D
 Acq: 4 Dec 2018 14:39

Tgt Ion:113 Resp: 696652
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.6 122.4
 192 20.1 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: 9.45 min Scan# 806

Delta R.T. -0.01 min

Lab File: VD060486.D

Acq: 4 Dec 2018 14:39

Instrument :

MSVOA_D

ClientSampleId :

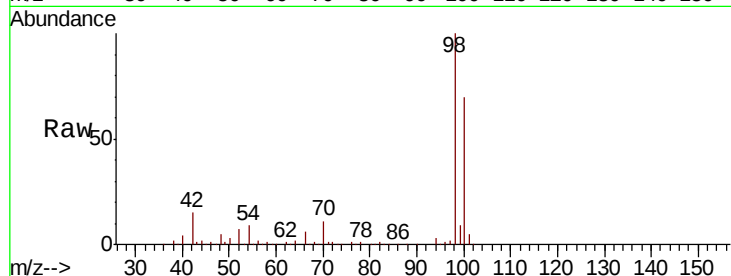
72-11932-72-11967

Tot Ion: 98 Resp: 1774024

Ion Ratio Lower Upper

98 100

100 70.4 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

800000

600000

400000

200000

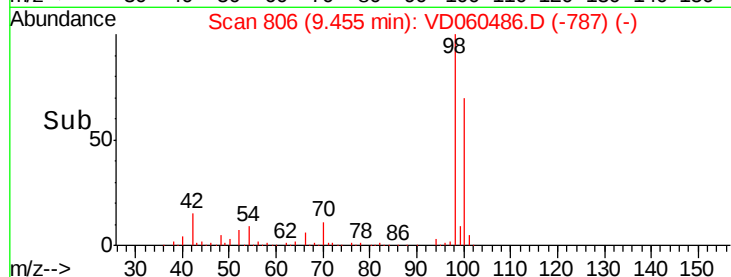
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9.30

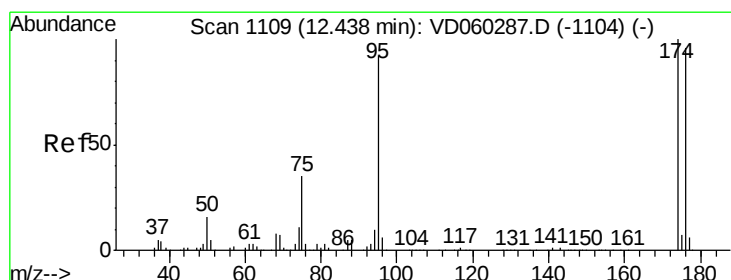
9.40

9.50

9.60



Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060486.D

Acq: 4 Dec 2018 14:39

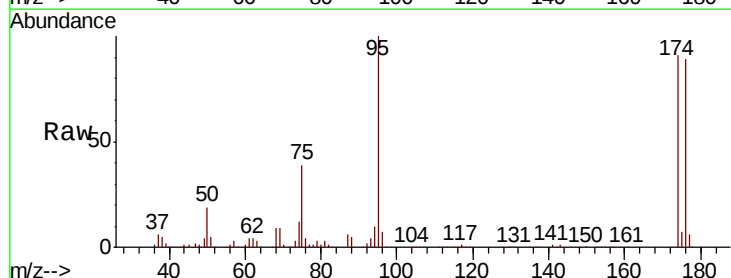
Tgt Ion: 95 Resp: 569777

Ion Ratio Lower Upper

95 100

174 91.1 0.0 160.8

176 88.8 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

600000

500000

400000

300000

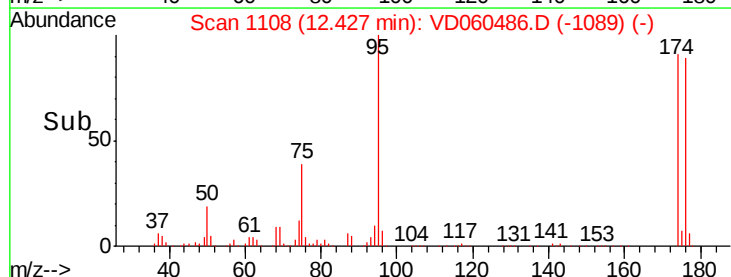
200000

100000

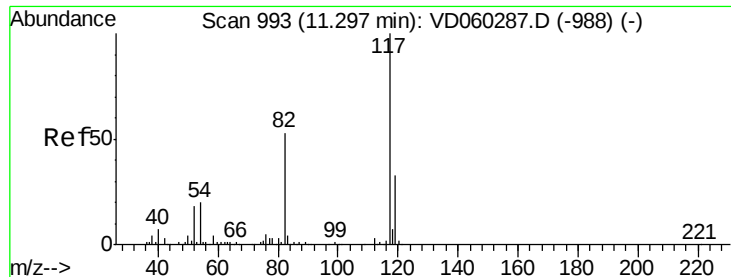
0

12.40

12.50



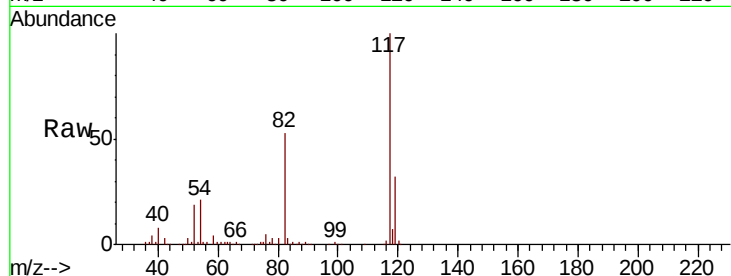
Time-->



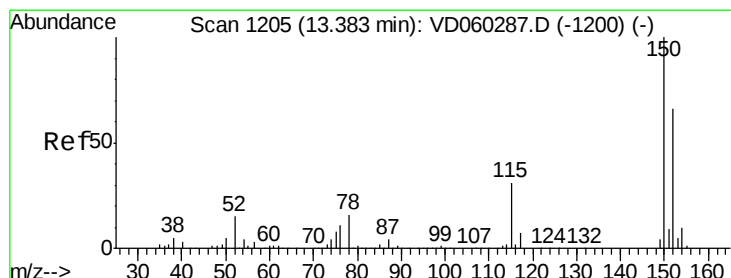
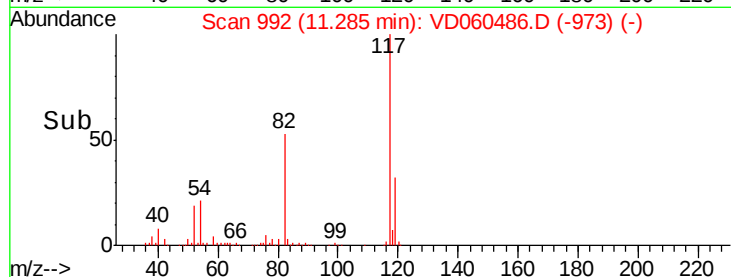
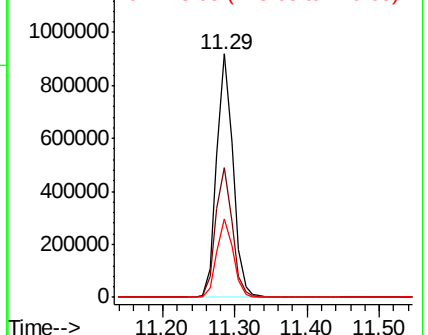
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060486.D
Acq: 4 Dec 2018 14:39

Instrument :
MSVOA_D
ClientSampleId :
72-11932-72-11967

Tot Ion:117 Resp: 1423796
Ion Ratio Lower Upper
117 100
82 53.3 43.7 65.5
119 32.1 26.1 39.1

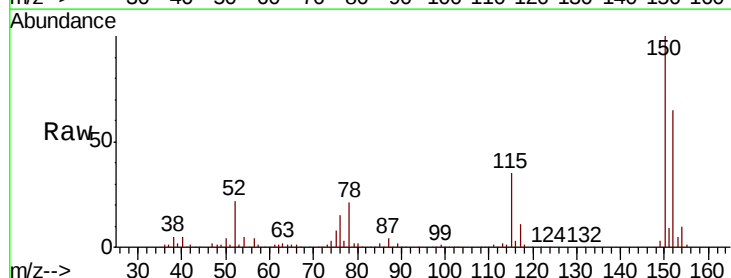


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060486.D
Acq: 4 Dec 2018 14:39

Tgt Ion:152 Resp: 565811
Ion Ratio Lower Upper
152 100
115 53.3 24.1 72.3
150 153.0 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

