

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121318\
 Data File : VD060560.D
 Acq On : 13 Dec 2018 14:49
 Operator : VA/AP
 Sample : J6361-01
 Misc : 4.51g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TN4803-121218

Quant Time: Dec 14 01:41:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

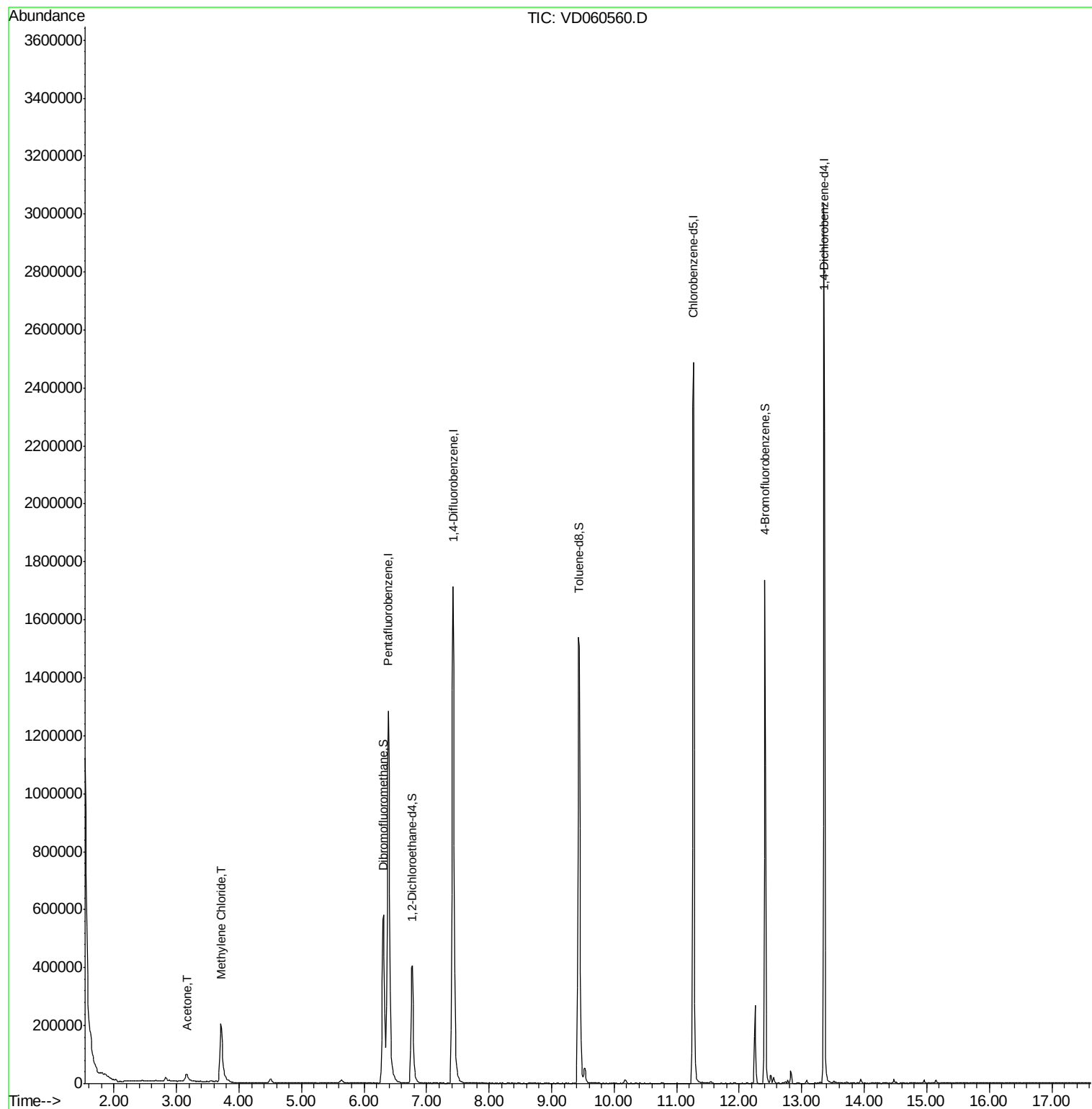
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1288837	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.42	114	1844565	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1439078	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.36	152	706006	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	358257	39.22	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	78.44%	
35) Dibromofluoromethane	6.31	113	482445	35.61	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	71.22%	
50) Toluene-d8	9.43	98	1296834	33.08	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	66.16%	
62) 4-Bromofluorobenzene	12.41	95	478708	34.12	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	68.24%	
Target Compounds						
16) Acetone	3.15	43	60386	41.239	ug/l	98
20) Methylene Chloride	3.71	84	144244	6.870	ug/l	96

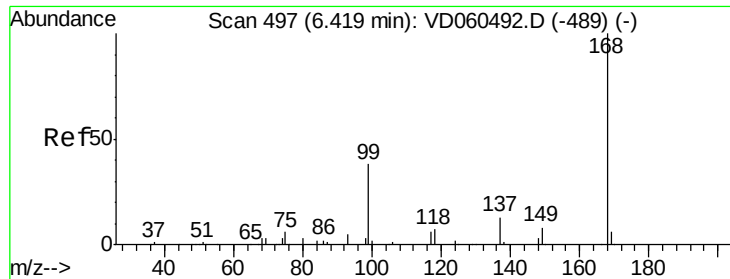
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 494

Delta R.T. -0.03 min

Lab File: VD060560.D

Acq: 13 Dec 2018 14:49

Instrument :

MSVOA_D

ClientSampleId :

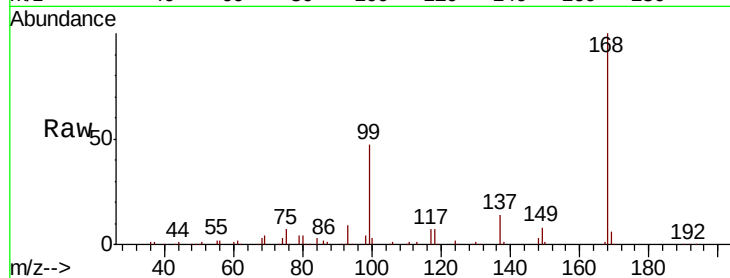
TN4803-121218

Tot Ion:168 Resp: 1288837

Ion Ratio Lower Upper

168 100

99 46.7 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.39

500000

400000

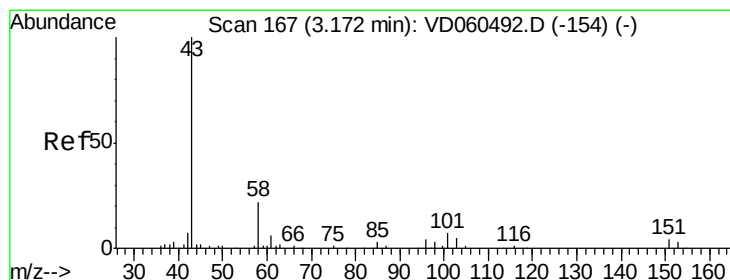
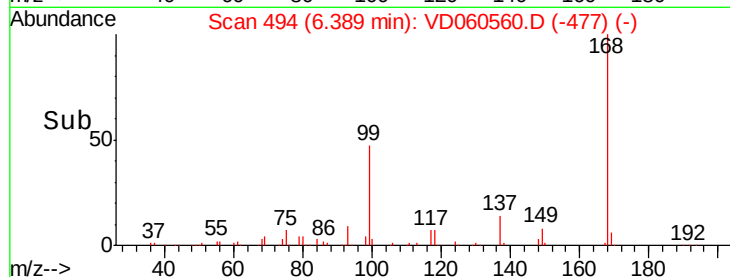
300000

200000

100000

0

Time--> 6.20 6.30 6.40 6.50 6.60



#16

Acetone

Concen: 41.239 ug/l

RT: 3.15 min Scan# 165

Delta R.T. -0.02 min

Lab File: VD060560.D

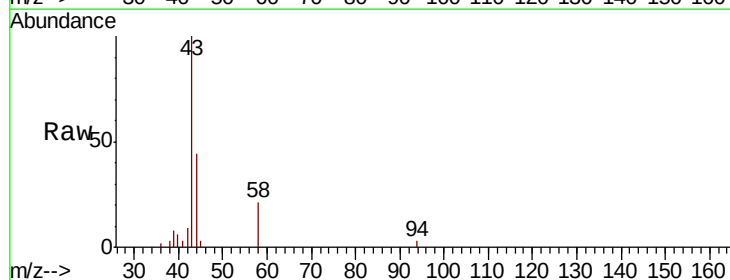
Acq: 13 Dec 2018 14:49

Tgt Ion: 43 Resp: 60386

Ion Ratio Lower Upper

43 100

58 20.5 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.15

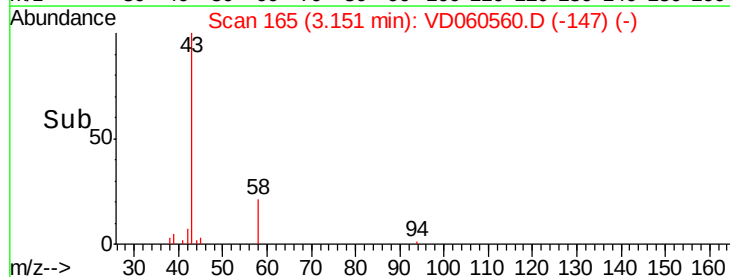
15000

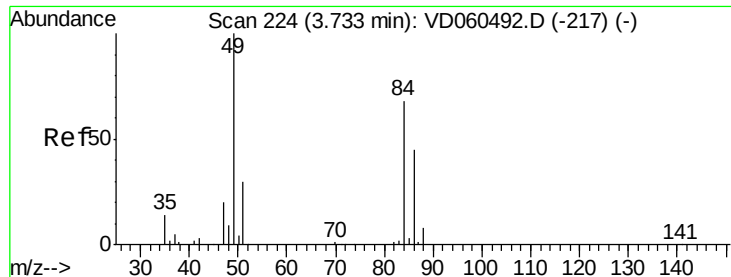
10000

5000

0

Time--> 3.00 3.10 3.20 3.30

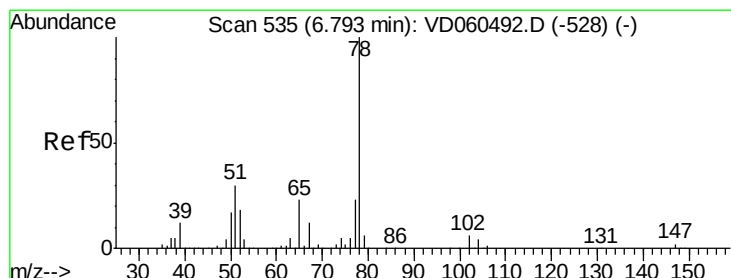
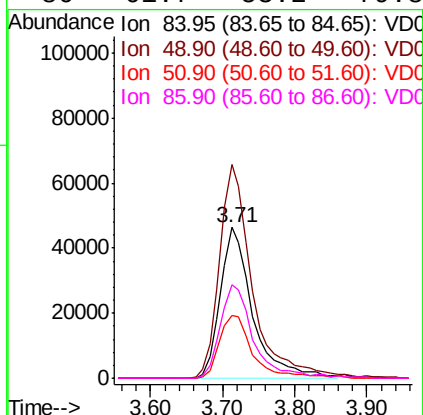
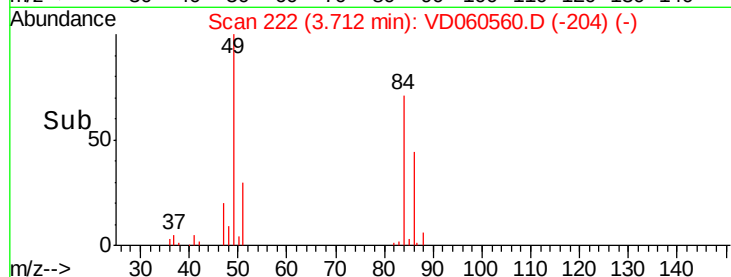
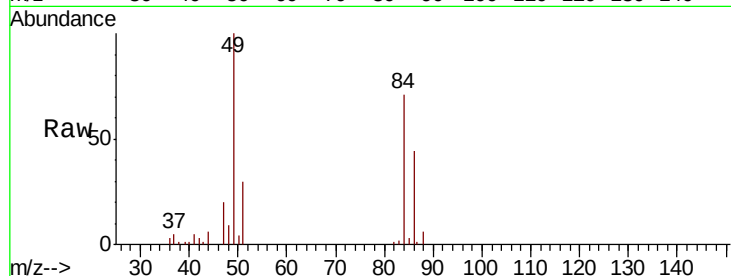




#20
Methylene Chloride
Concen: 6.870 ug/l
RT: 3.71 min Scan# 222
Delta R.T. -0.02 min
Lab File: VD060560.D
Acq: 13 Dec 2018 14:49

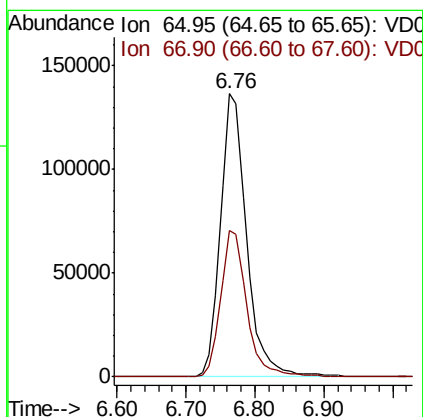
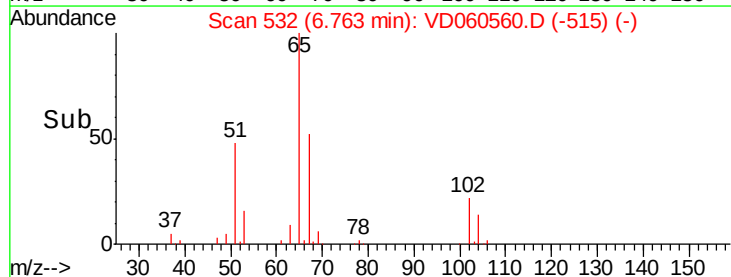
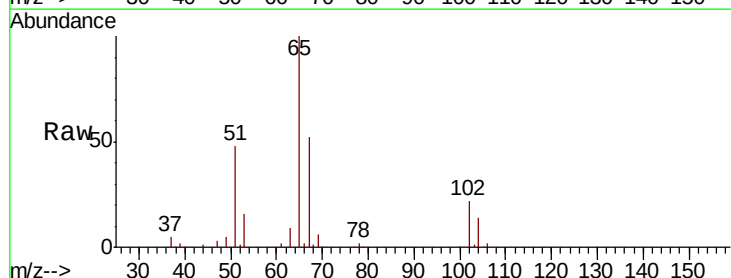
Instrument :
MSVOA_D
ClientSampleId :
TN4803-121218

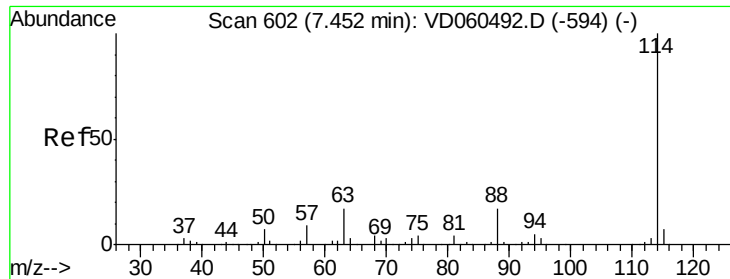
Tot Ion: 84 Resp: 144244
Ion Ratio Lower Upper
84 100
49 141.4 117.2 175.8
51 41.9 35.3 52.9
86 61.7 53.2 79.8



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.76 min Scan# 532
Delta R.T. -0.03 min
Lab File: VD060560.D
Acq: 13 Dec 2018 14:49

Tgt Ion: 65 Resp: 358257
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.8

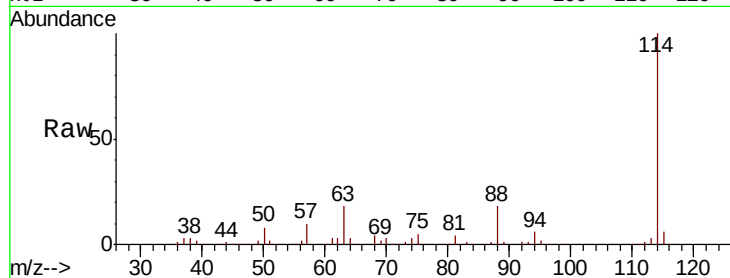




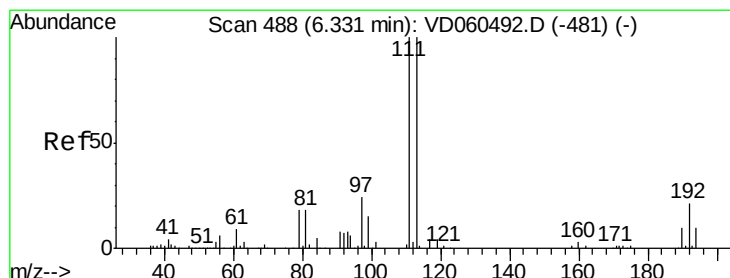
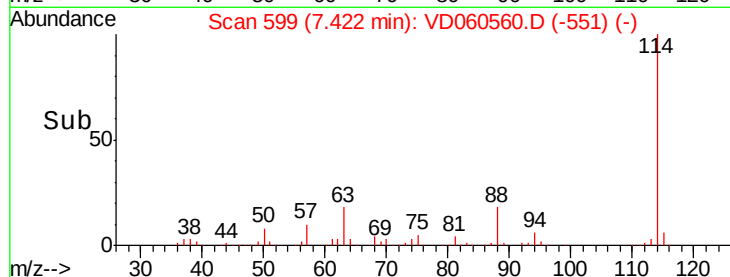
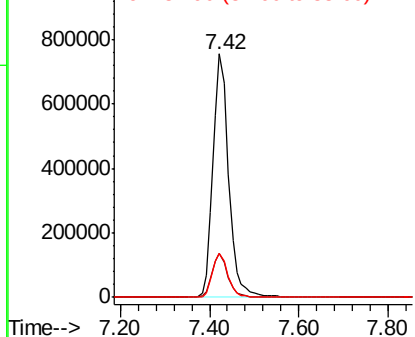
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.42 min Scan# 599
Delta R.T. -0.03 min
Lab File: VD060560.D
Acq: 13 Dec 2018 14:49

Instrument :
MSVOA_D
ClientSampleId :
TN4803-121218

Tot Ion:114 Resp: 1844565
Ion Ratio Lower Upper
114 100
63 18.2 0.0 34.2
88 18.3 0.0 35.0

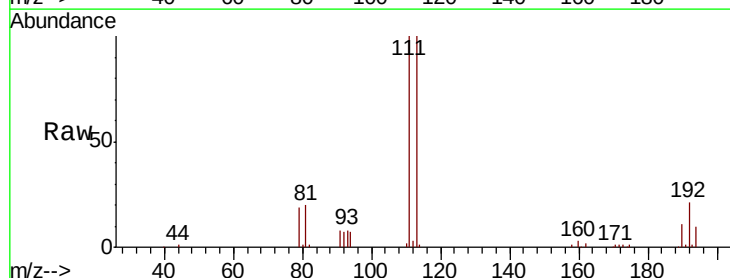


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

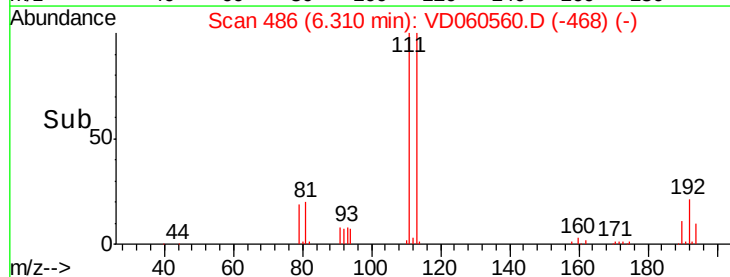
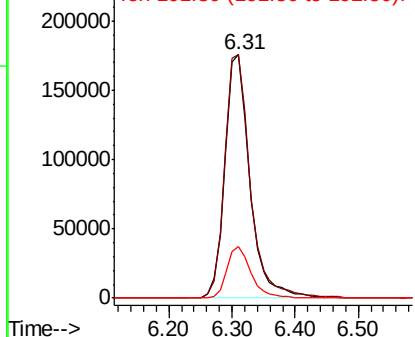


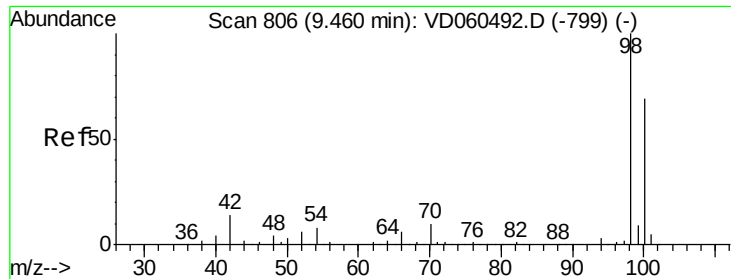
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.31 min Scan# 486
Delta R.T. -0.02 min
Lab File: VD060560.D
Acq: 13 Dec 2018 14:49

Tgt Ion:113 Resp: 482445
Ion Ratio Lower Upper
113 100
111 99.9 80.2 120.4
192 21.3 16.6 24.8



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. -0.03 min

Lab File: VD060560.D

Acq: 13 Dec 2018 14:49

Instrument :

MSVOA_D

ClientSampleId :

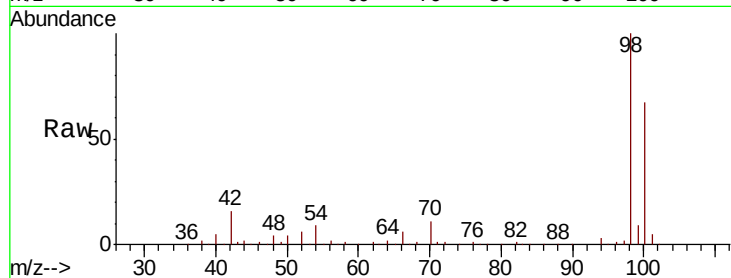
TN4803-121218

Tot Ion: 98 Resp: 1296834

Ion Ratio Lower Upper

98 100

100 67.2 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): VD060492.D (-799) (-)

Ion 100.05 (99.75 to 100.75): VD060492.D (-799) (-)

9.43

600000

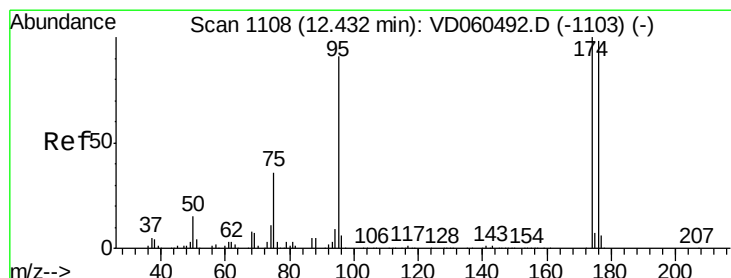
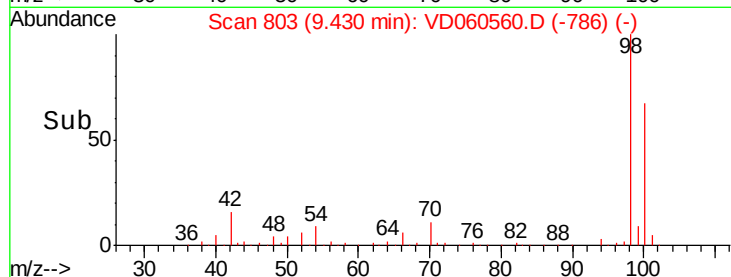
400000

200000

0

9.30 9.40 9.50 9.60

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.41 min Scan# 1106

Delta R.T. -0.02 min

Lab File: VD060560.D

Acq: 13 Dec 2018 14:49

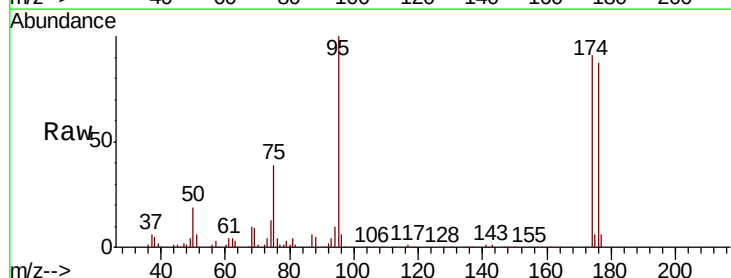
Tgt Ion: 95 Resp: 478708

Ion Ratio Lower Upper

95 100

174 90.9 0.0 219.4

176 87.3 0.0 214.6



Abundance Ion 95.00 (94.70 to 95.70): VD060492.D (-1103) (-)

Ion 173.90 (173.60 to 174.60): VD060492.D (-1103) (-)

Ion 175.90 (175.60 to 176.60): VD060492.D (-1103) (-)

12.41

500000

400000

300000

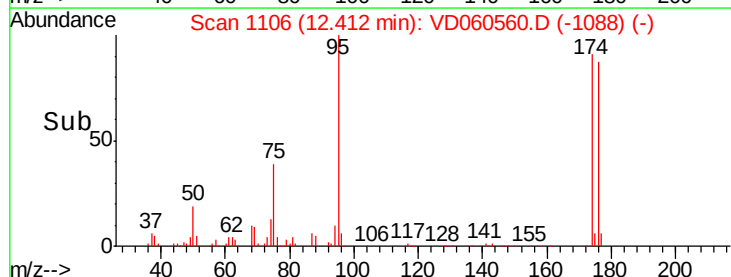
200000

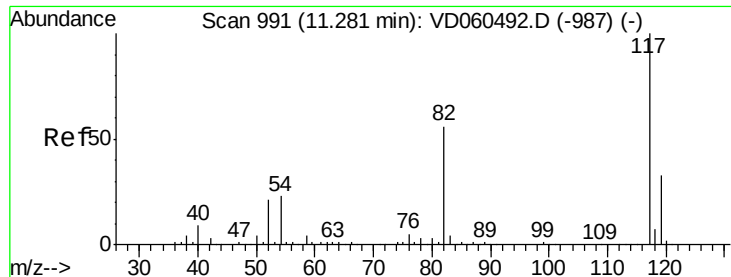
100000

0

12.40 12.50

Time-->

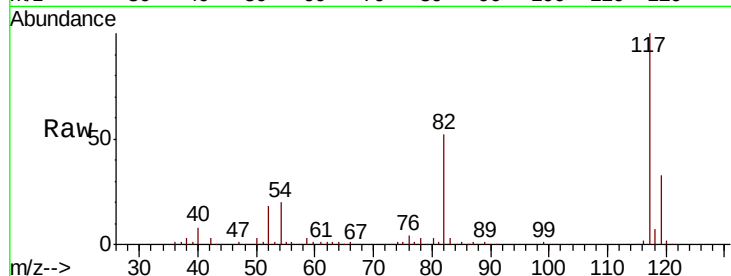




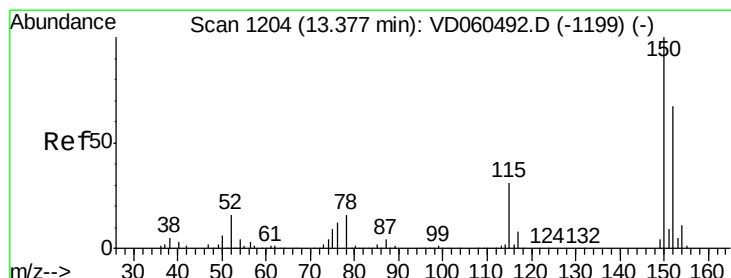
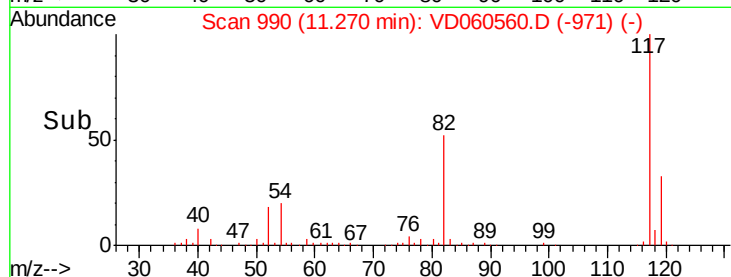
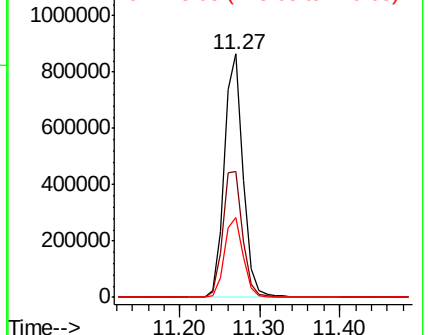
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. -0.01 min
Lab File: VD060560.D
Acq: 13 Dec 2018 14:49

Instrument :
MSVOA_D
ClientSampleId :
TN4803-121218

Tot Ion:117 Resp: 1439078
Ion Ratio Lower Upper
117 100
82 51.9 45.2 67.8
119 32.7 26.1 39.1

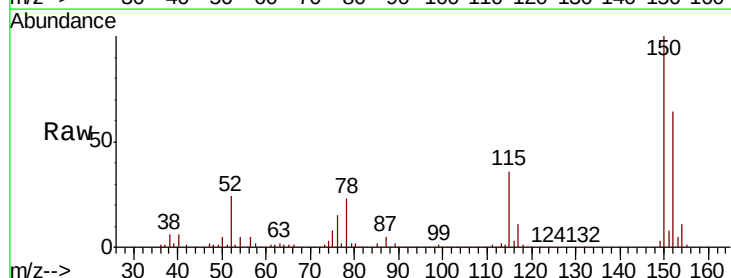


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1202
Delta R.T. -0.02 min
Lab File: VD060560.D
Acq: 13 Dec 2018 14:49

Tgt Ion:152 Resp: 706006
Ion Ratio Lower Upper
152 100
115 56.1 24.6 74.0
150 155.1 0.0 309.0



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

