

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120318\
 Data File : VD060478.D
 Acq On : 3 Dec 2018 16:39
 Operator : VA/AP
 Sample : J6160-01
 Misc : 6.66g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TEST-PIT

Quant Time: Dec 04 02:52:11 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

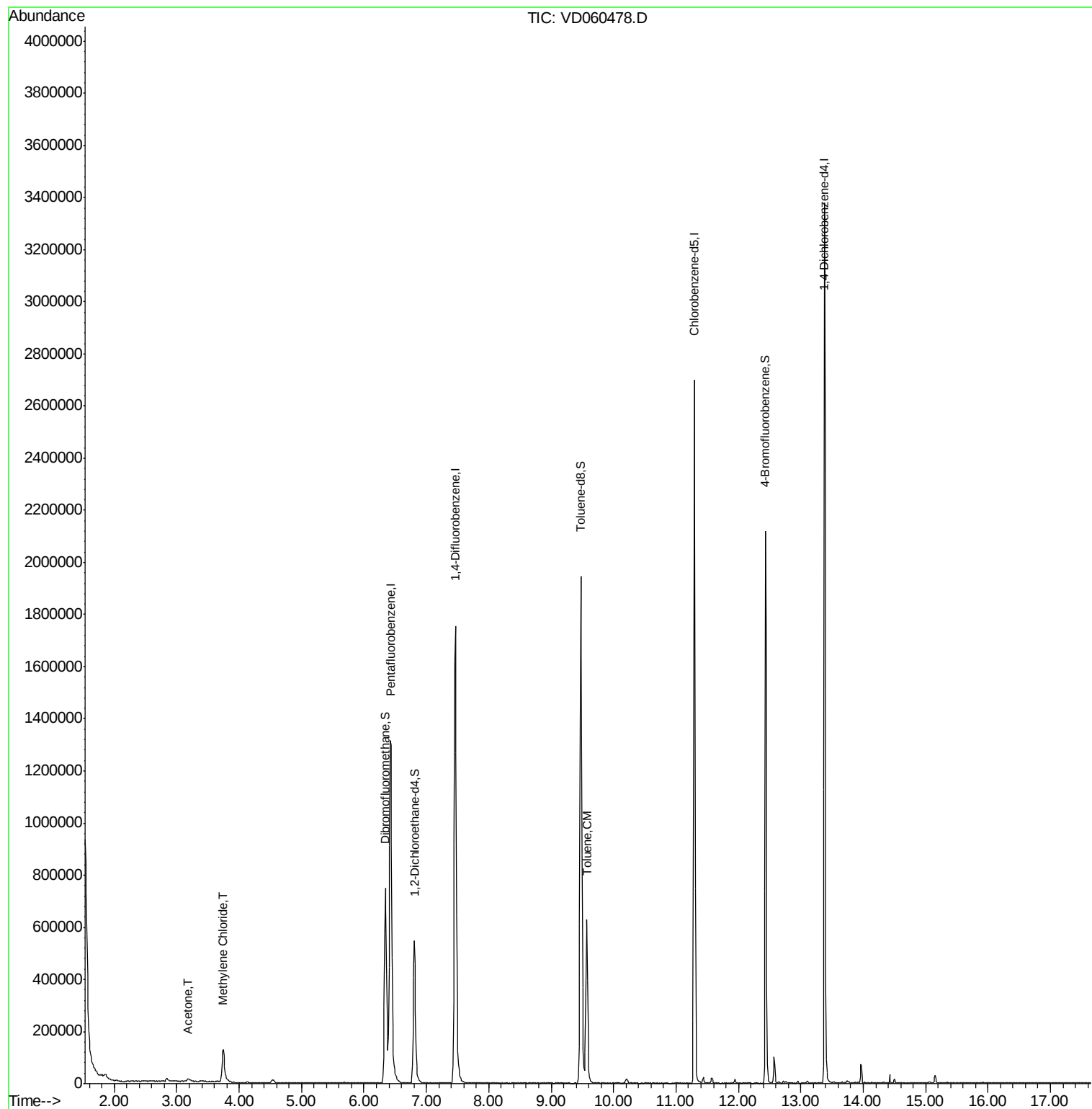
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.43	168	1365017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	1890119	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1471582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	781050	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.81	65	423139	43.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.58%	
35) Dibromofluoromethane	6.34	113	588232	41.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.48%	
50) Toluene-d8	9.47	98	1593188	38.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.24%	
62) 4-Bromofluorobenzene	12.43	95	605958	40.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.08%	
Target Compounds						
16) Acetone	3.18	43	26361	15.549	ug/l #	89
20) Methylene Chloride	3.75	84	85963	5.716	ug/l	99
52) Toluene	9.57	92	329452	10.820	ug/l	98

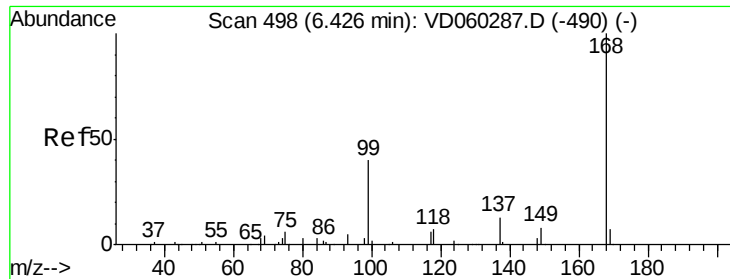
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120318\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 19 16:31:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.43 min Scan# 499

Delta R.T. 0.01 min

Lab File: VD060478.D

Acq: 3 Dec 2018 16:39

Instrument :

MSVOA_D

ClientSampleId :

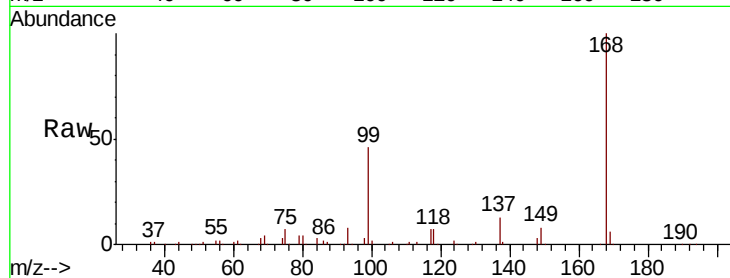
TEST-PIT

Tot Ion:168 Resp: 1365017

Ion Ratio Lower Upper

168 100

99 46.4 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.43

500000

400000

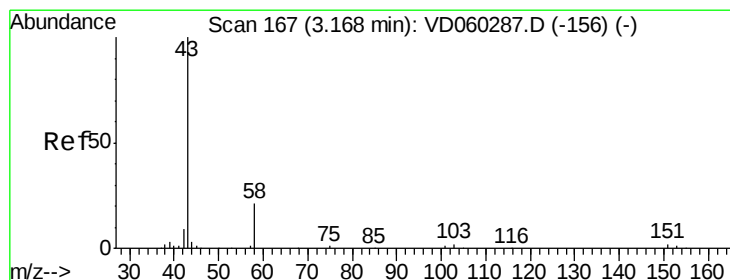
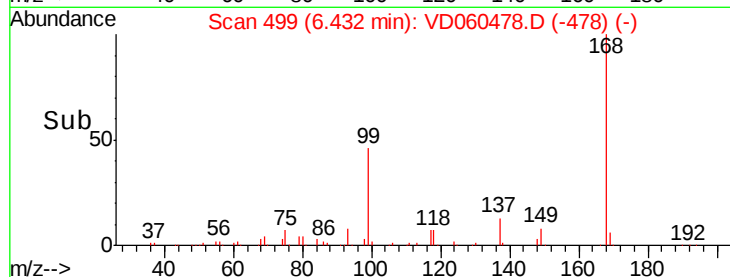
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 15.549 ug/l

RT: 3.18 min Scan# 169

Delta R.T. 0.02 min

Lab File: VD060478.D

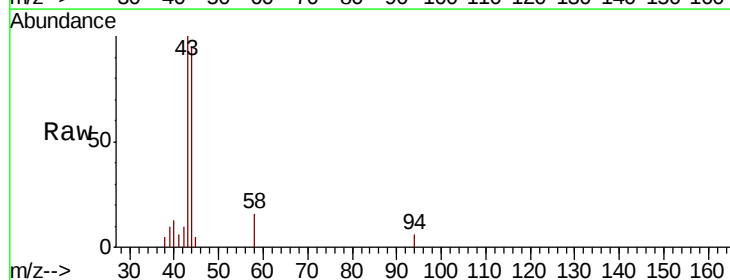
Acq: 3 Dec 2018 16:39

Tgt Ion: 43 Resp: 26361

Ion Ratio Lower Upper

43 100

58 15.7 16.9 25.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

8000

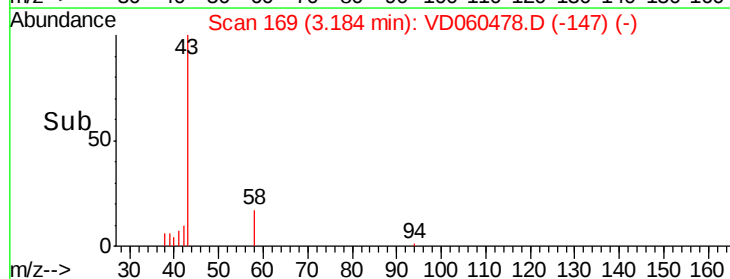
6000

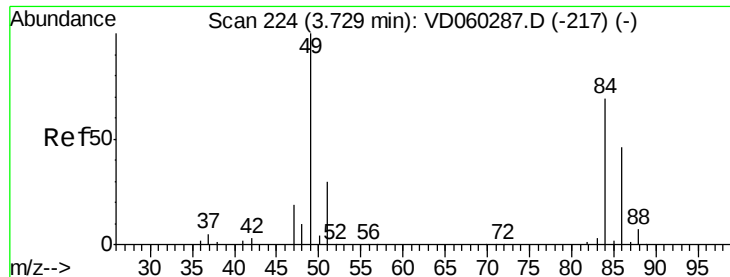
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2000

0

Time-->

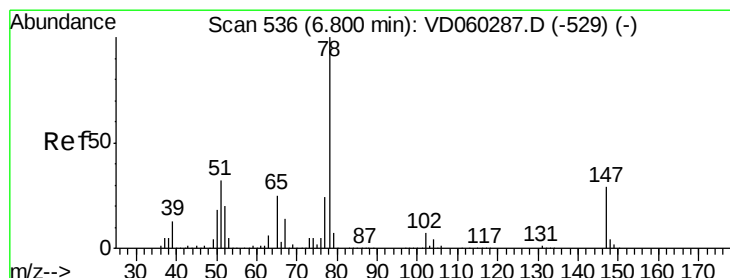
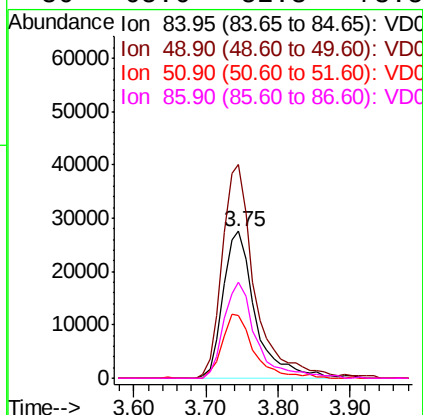
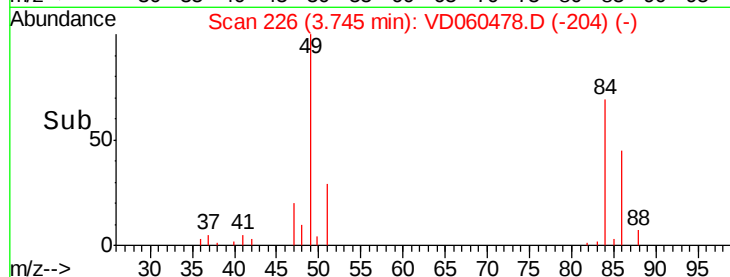
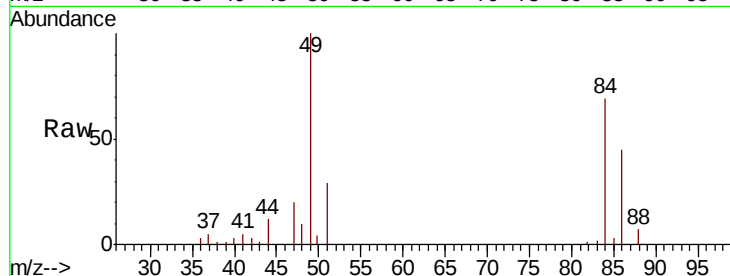




#20
Methvlene Chloride
Concen: 5.716 ug/l
RT: 3.75 min Scan# 226
Delta R.T. 0.02 min
Lab File: VD060478.D
Acq: 3 Dec 2018 16:39

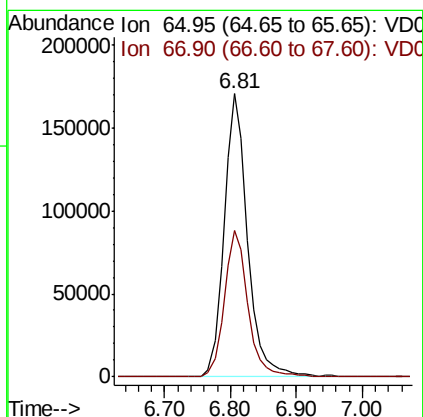
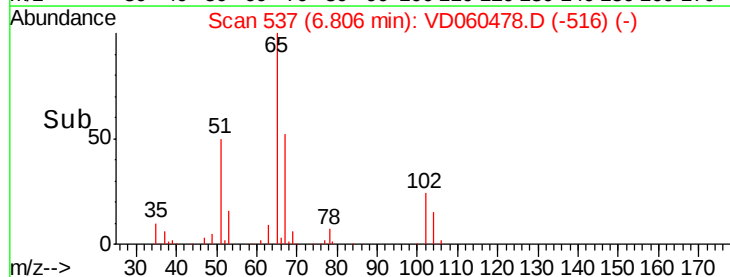
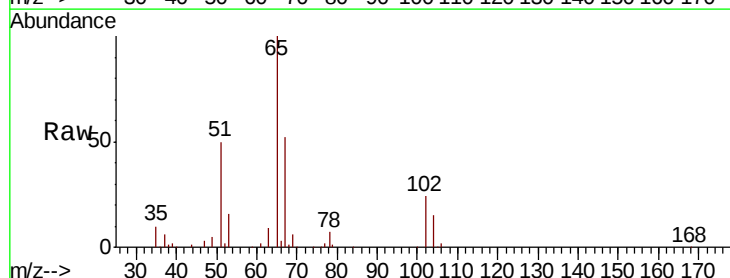
Instrument :
MSVOA_D
ClientSampleId :
TEST-PIT

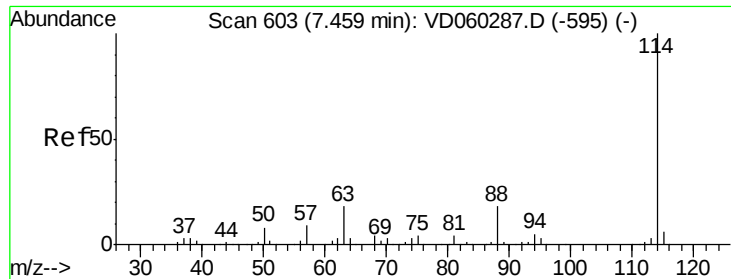
Tot Ion: 84 Resp: 85963
Ion Ratio Lower Upper
84 100
49 145.2 115.6 173.4
51 42.5 35.6 53.4
86 65.6 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.81 min Scan# 537
Delta R.T. 0.01 min
Lab File: VD060478.D
Acq: 3 Dec 2018 16:39

Tgt Ion: 65 Resp: 423139
Ion Ratio Lower Upper
65 100
67 51.8 0.0 109.8

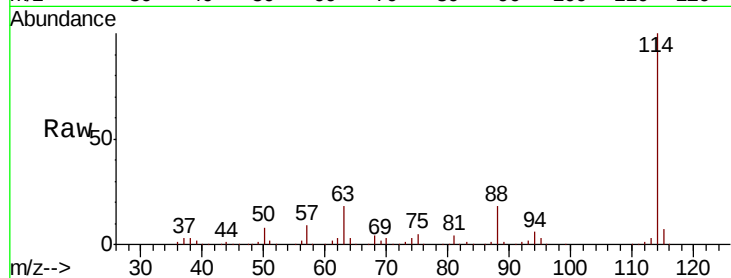




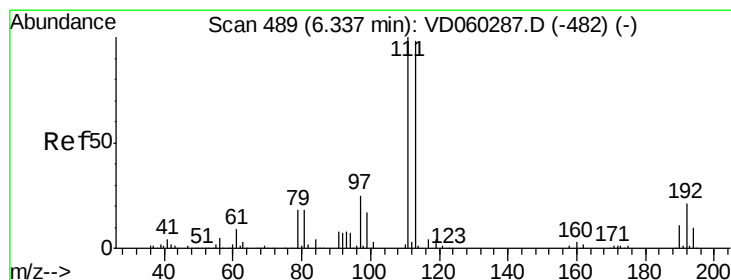
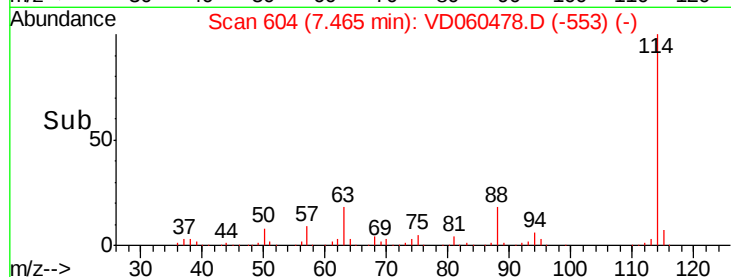
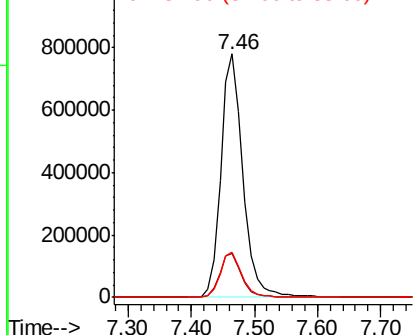
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.46 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: VD060478.D
 Acq: 3 Dec 2018 16:39

Instrument :
 MSVOA_D
 ClientSampled :
 TEST-PIT

Tot Ion:114 Resp: 1890119
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 34.0
 88 18.4 0.0 35.4

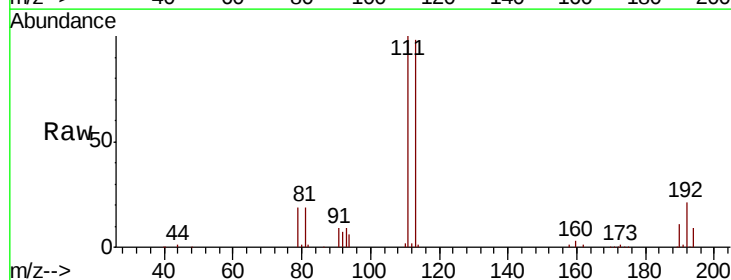


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

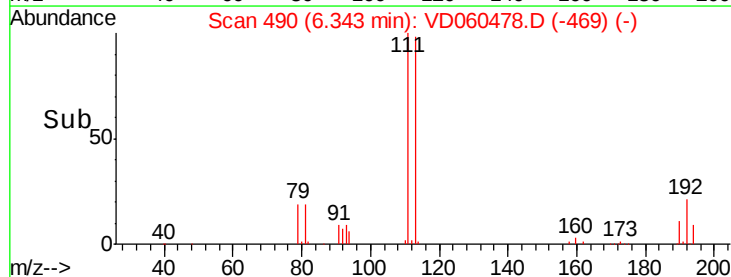
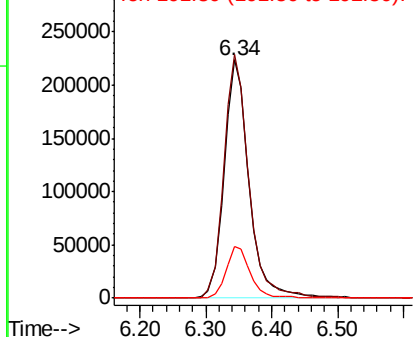


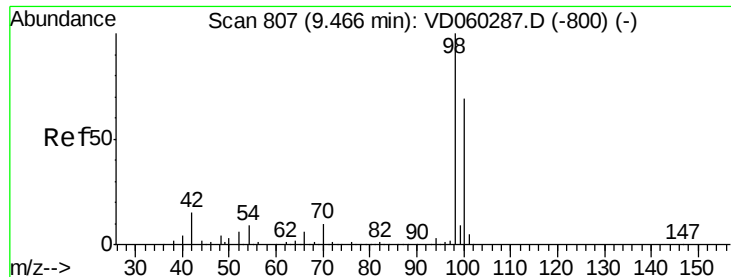
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.34 min Scan# 490
 Delta R.T. 0.01 min
 Lab File: VD060478.D
 Acq: 3 Dec 2018 16:39

Tgt Ion:113 Resp: 588232
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.6 122.4
 192 21.4 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: 9.47 min Scan# 808

Delta R.T. 0.01 min

Lab File: VD060478.D

Acq: 3 Dec 2018 16:39

Instrument :

MSVOA_D

ClientSampleId :

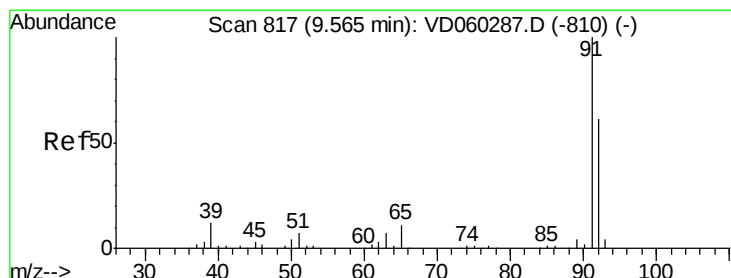
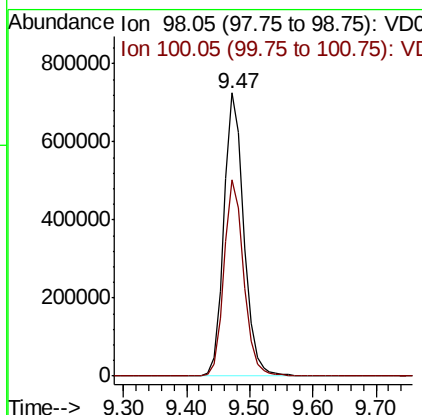
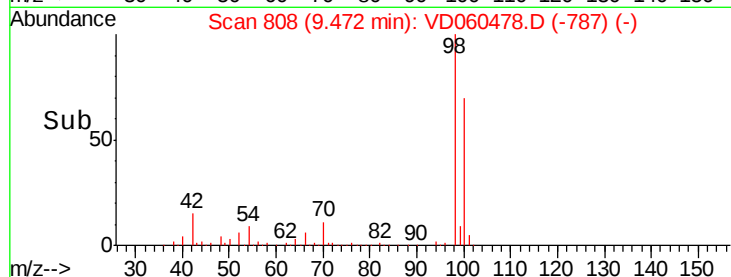
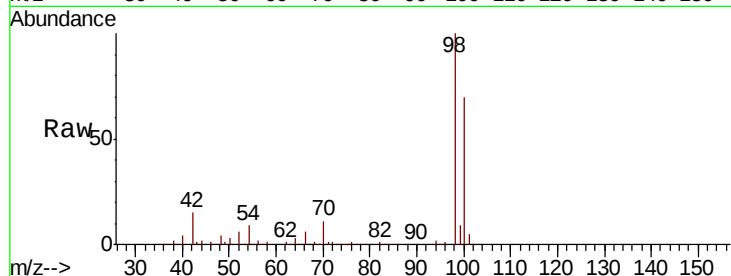
TEST-PIT

Tot Ion: 98 Resp: 1593188

Ion Ratio Lower Upper

98 100

100 69.6 55.2 82.8



#52

Toluene

Concen: 10.820 ug/l

RT: 9.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VD060478.D

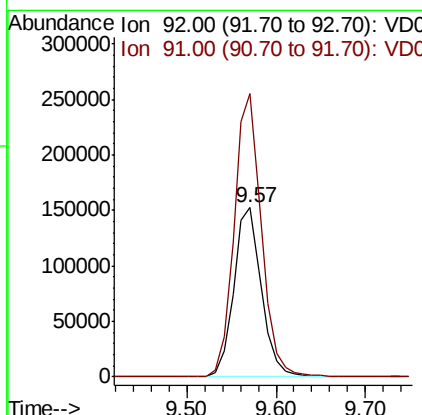
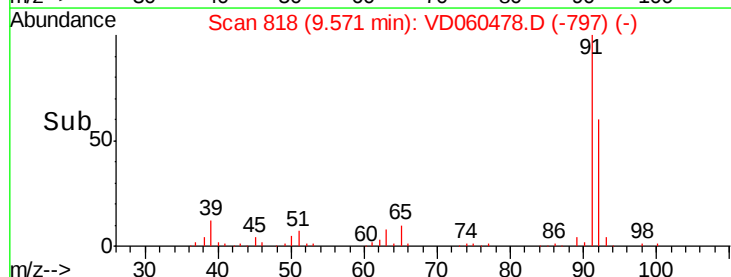
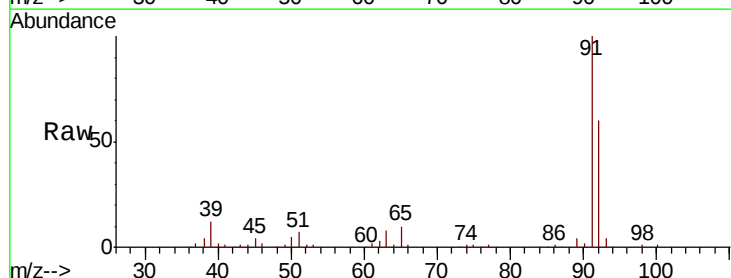
Acq: 3 Dec 2018 16:39

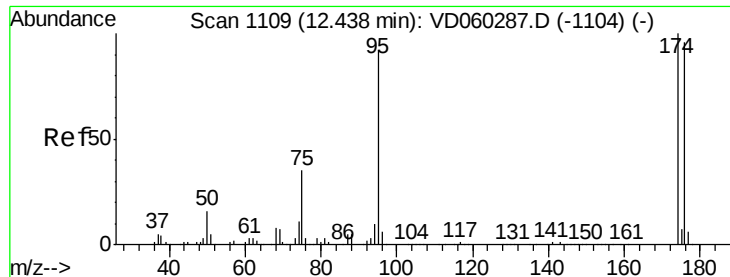
Tgt Ion: 92 Resp: 329452

Ion Ratio Lower Upper

92 100

91 167.2 131.9 197.9

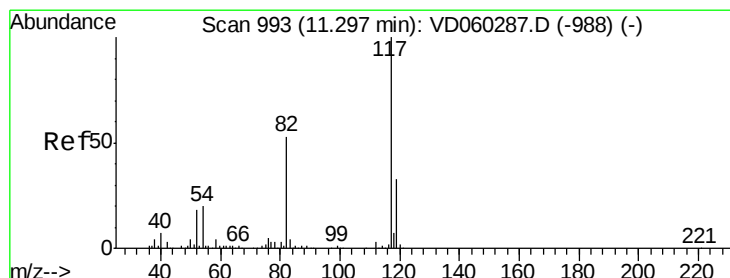
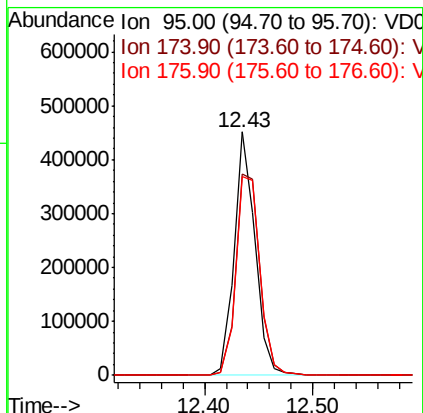
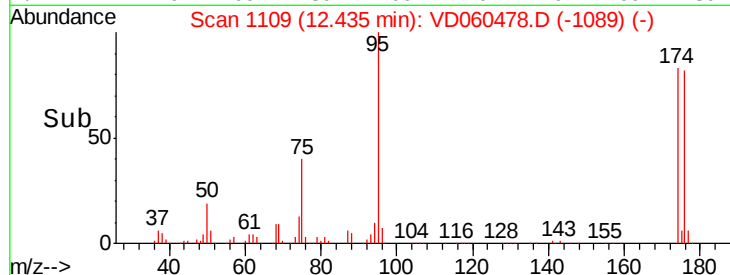
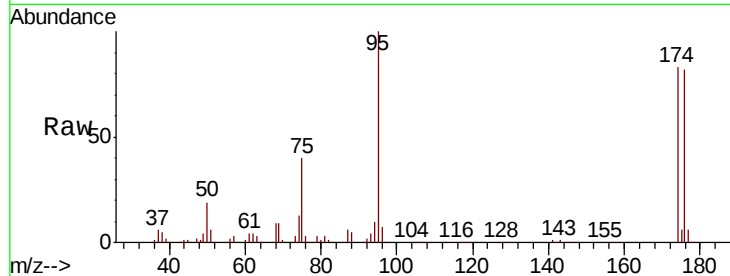




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1109
Delta R.T. -0.00 min
Lab File: VD060478.D
Acq: 3 Dec 2018 16:39

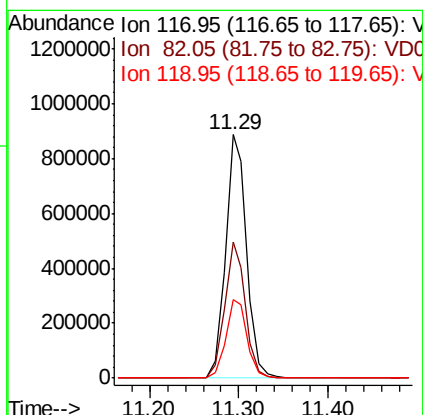
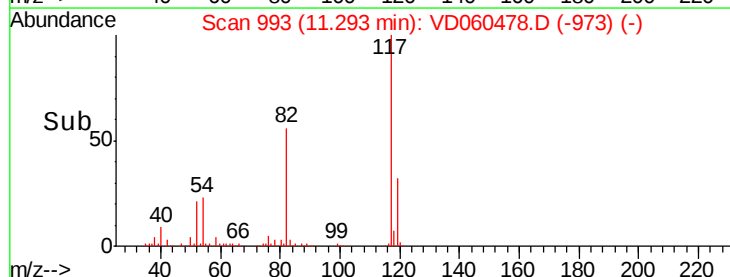
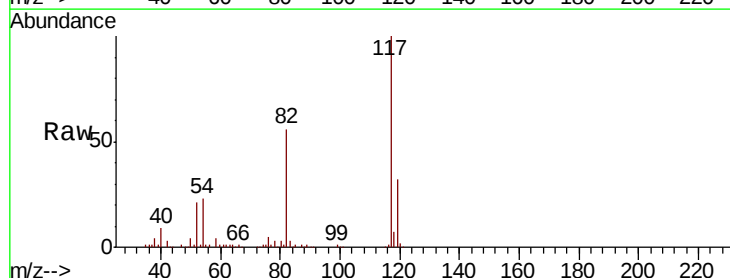
Instrument :
MSVOA_D
ClientSampleId :
TEST-PIT

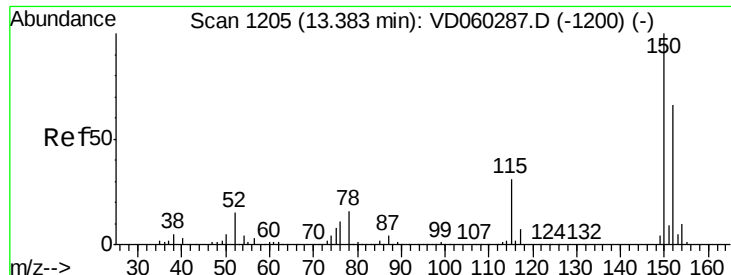
Tot Ion: 95 Resp: 605958
Ion Ratio Lower Upper
95 100
174 83.0 0.0 160.8
176 81.7 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. -0.00 min
Lab File: VD060478.D
Acq: 3 Dec 2018 16:39

Tgt Ion: 117 Resp: 1471582
Ion Ratio Lower Upper
117 100
82 55.7 43.7 65.5
119 32.5 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.38 min Scan# 1205

Delta R.T. -0.00 min

Lab File: VD060478.D

Acq: 3 Dec 2018 16:39

Instrument :

MSVOA_D

ClientSampleId :

TEST-PIT

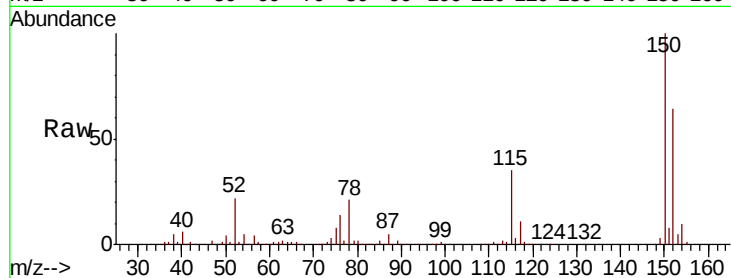
Tot Ion:152 Resp: 781050

Ion Ratio Lower Upper

152 100

115 54.4 24.1 72.3

150 156.5 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

