

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121418\
 Data File : VD060572.D
 Acq On : 14 Dec 2018 14:41
 Operator : VA/AP
 Sample : J6403-05
 Misc : 4.43g/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-B

Quant Time: Dec 14 22:45:13 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

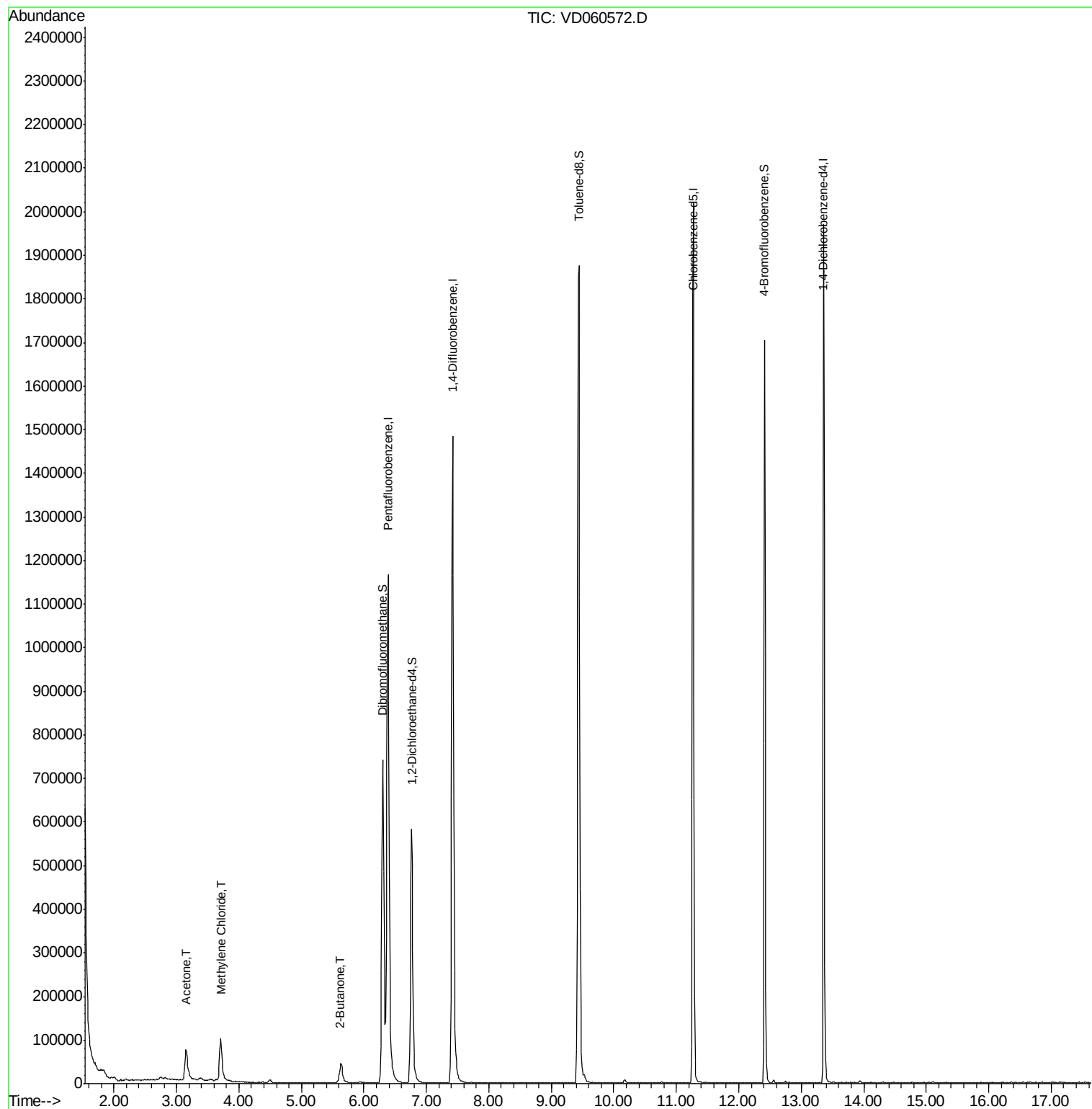
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1165289	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.42	114	1576990	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1137759	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.36	152	437866	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	492502	59.63	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	119.26%	
35) Dibromofluoromethane	6.30	113	611323	52.78	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	105.56%	
50) Toluene-d8	9.44	98	1589946	47.43	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	94.86%	
62) 4-Bromofluorobenzene	12.41	95	459722	38.33	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	76.66%	
Target Compounds						
16) Acetone	3.15	43	156473	118.188	ug/l	98
20) Methylene Chloride	3.70	84	68010	1.232	ug/l	93
25) 2-Butanone	5.60	43	20135	7.730	ug/l	95

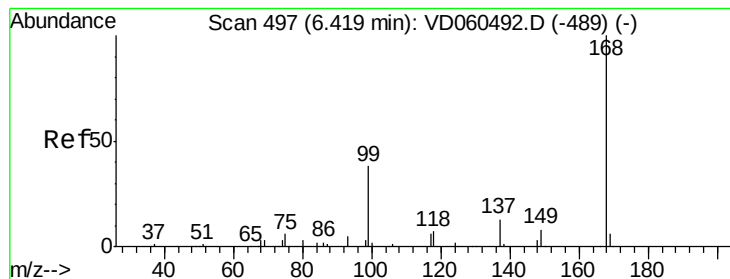
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121418\
Data File : VD060572.D
Acq On : 14 Dec 2018 14:41
Operator : VA/AP
Sample : J6403-05
Misc : 4.43g/5ml/MSVOA_D/SOIL
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Quant Time: Dec 14 22:45:13 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
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: VD060572.D

Acq: 14 Dec 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

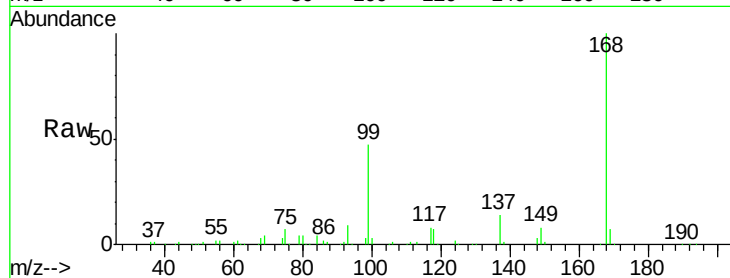
TP-1-B

Tgt Ion:168 Resp: 1165289

Ion Ratio Lower Upper

168 100

99 46.6 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

400000

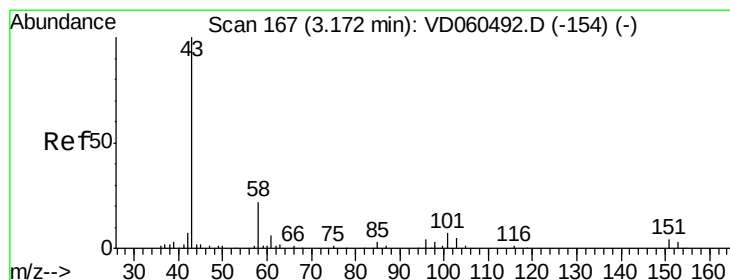
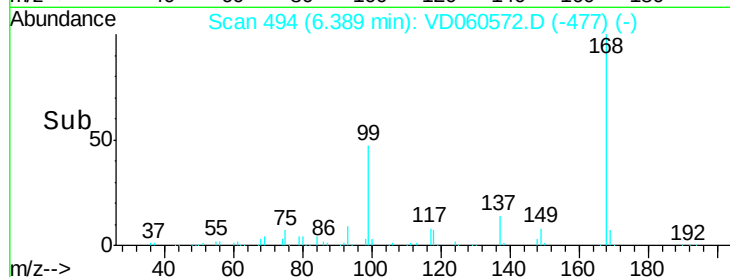
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 118.188 ug/l

RT: 3.15 min Scan# 165

Delta R.T. -0.02 min

Lab File: VD060572.D

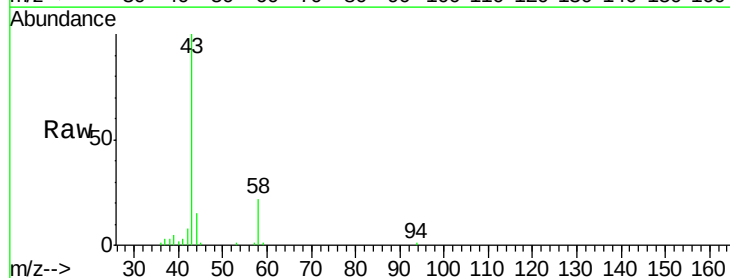
Acq: 14 Dec 2018 14:41

Tgt Ion: 43 Resp: 156473

Ion Ratio Lower Upper

43 100

58 22.4 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

50000

40000

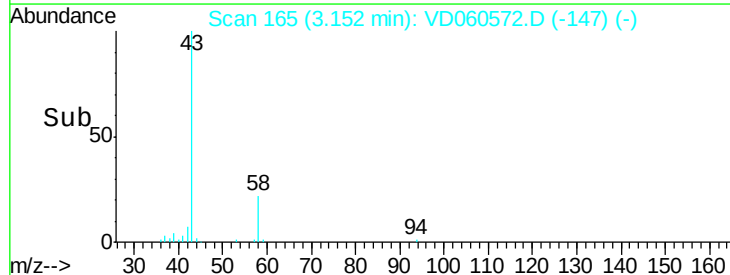
30000

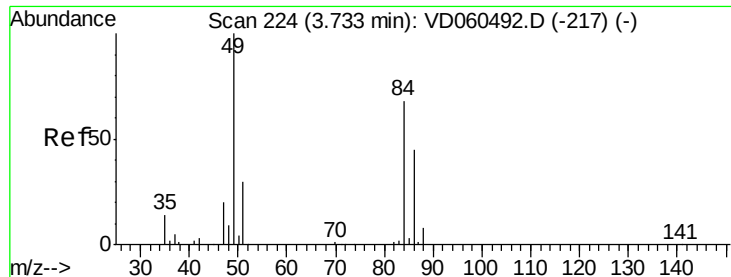
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10000

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Time-->

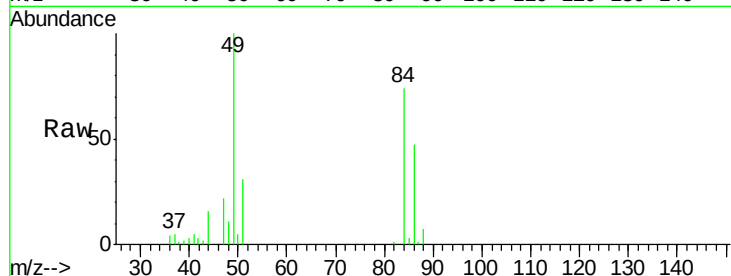




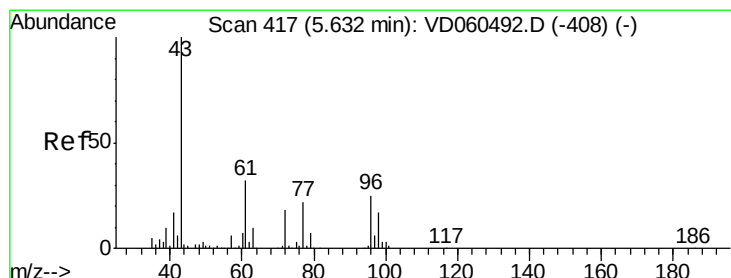
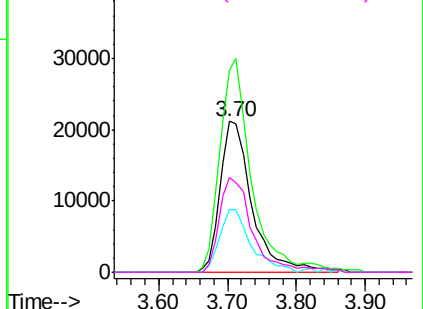
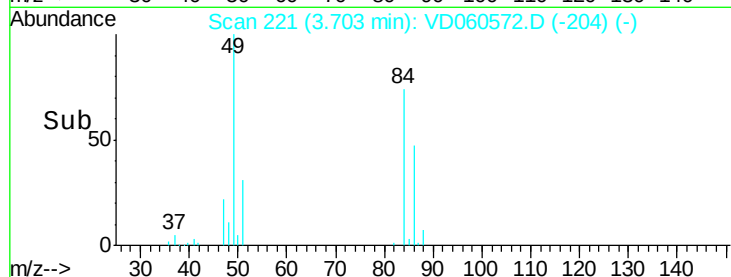
#20
Methylene Chloride
Concen: 1.232 ug/l
RT: 3.70 min Scan# 221
Delta R.T. -0.03 min
Lab File: VD060572.D
Acq: 14 Dec 2018 14:41

Instrument :
MSVOA_D
ClientSampleId :
TP-1-B

Tgt Ion: 84 Resp: 68010
Ion Ratio Lower Upper
84 100
49 134.2 117.2 175.8
51 41.9 35.3 52.9
86 62.7 53.2 79.8

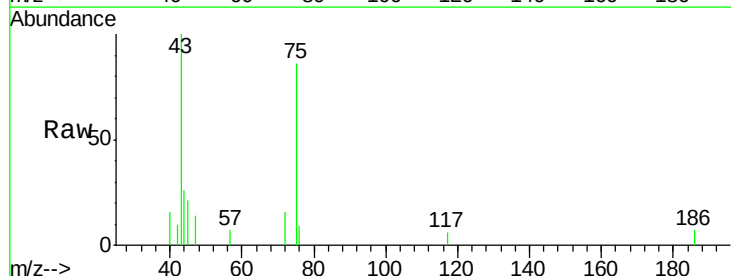


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

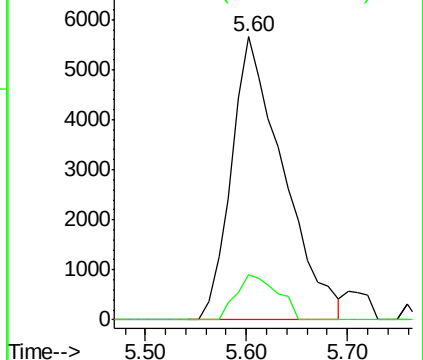
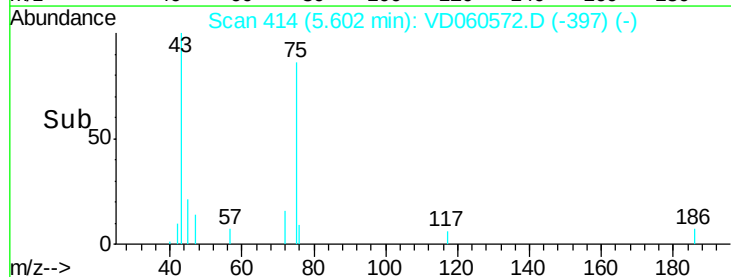


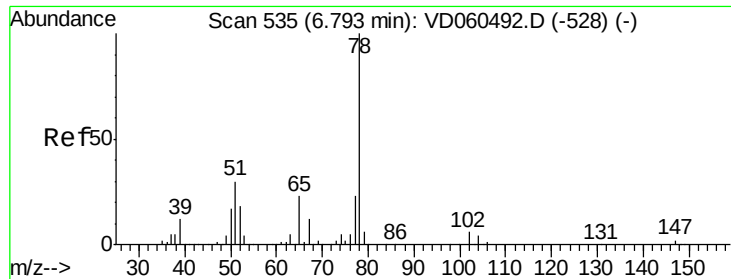
#25
2-Butanone
Concen: 7.730 ug/l
RT: 5.60 min Scan# 414
Delta R.T. -0.03 min
Lab File: VD060572.D
Acq: 14 Dec 2018 14:41

Tgt Ion: 43 Resp: 20135
Ion Ratio Lower Upper
43 100
72 16.1 14.6 21.8



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC

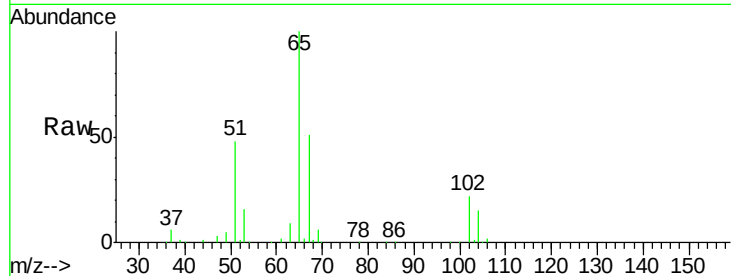




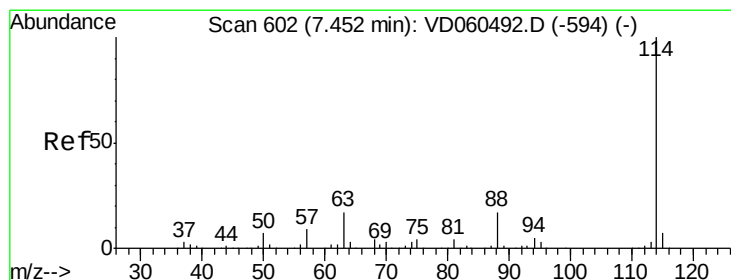
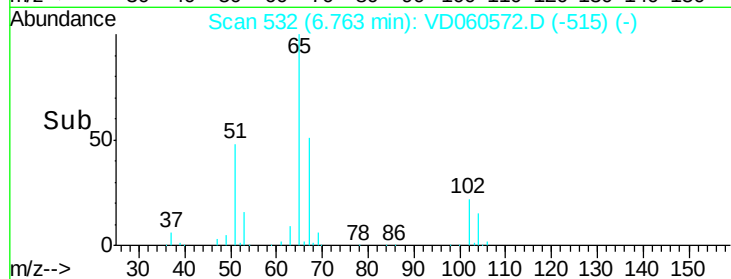
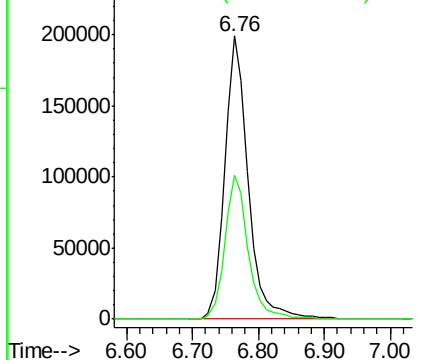
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.76 min Scan# 532
 Delta R.T. -0.03 min
 Lab File: VD060572.D
 Acq: 14 Dec 2018 14:41

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-B

Tgt Ion: 65 Resp: 492502
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 106.8

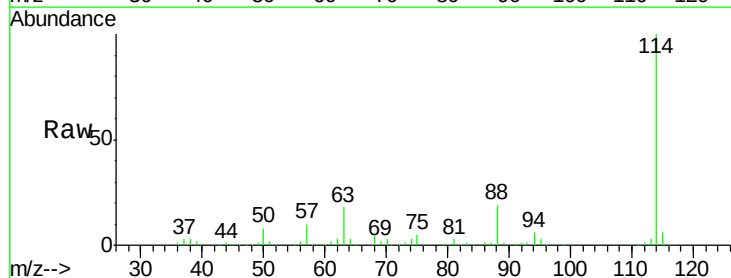


Abundance Ion 64.95 (64.65 to 65.65): VDC
 Ion 66.90 (66.60 to 67.60): VDC

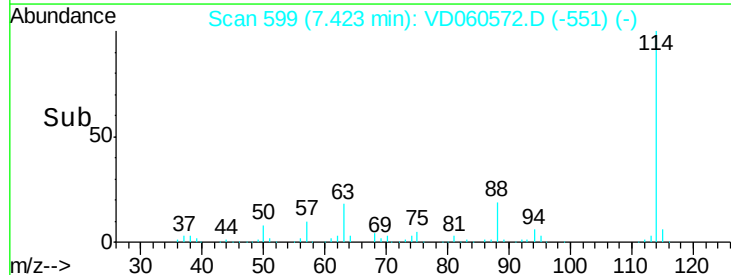
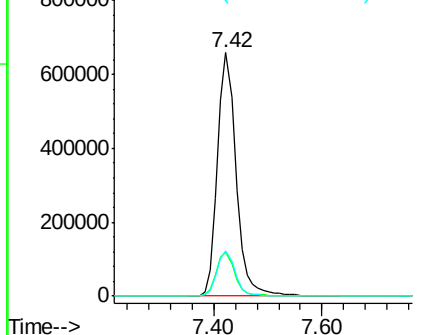


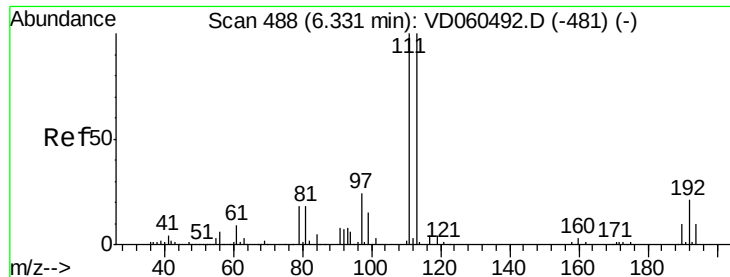
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. -0.03 min
 Lab File: VD060572.D
 Acq: 14 Dec 2018 14:41

Tgt Ion: 114 Resp: 1576990
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.2
 88 18.6 0.0 35.0



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

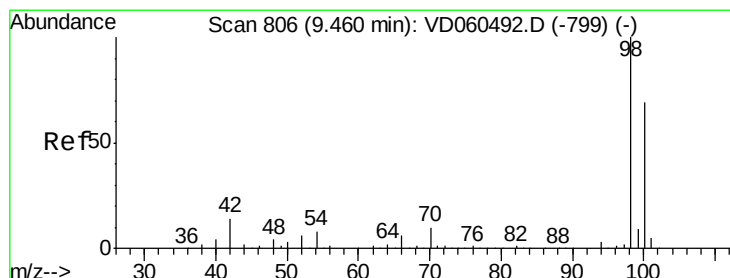
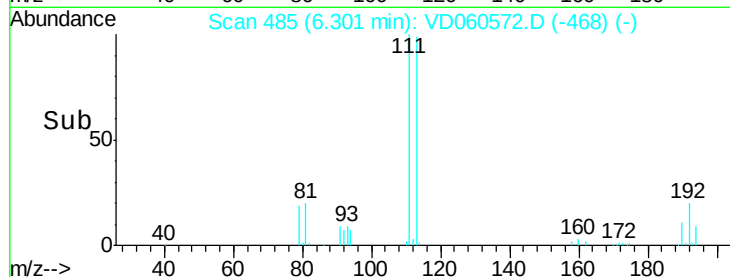
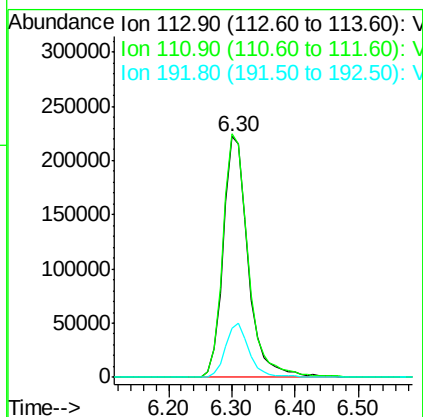
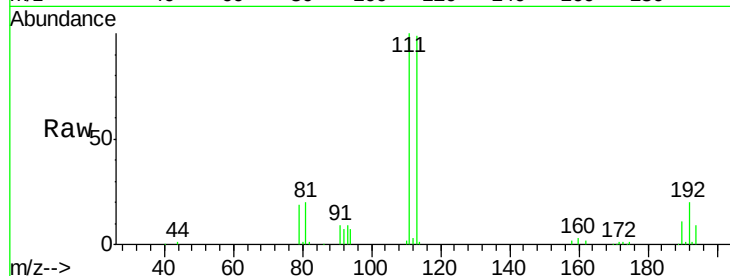




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.30 min Scan# 485
Delta R.T. -0.03 min
Lab File: VD060572.D
Acq: 14 Dec 2018 14:41

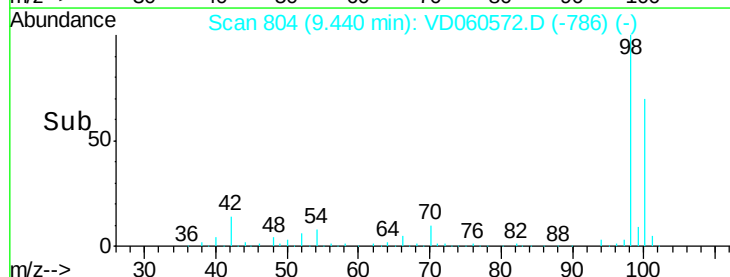
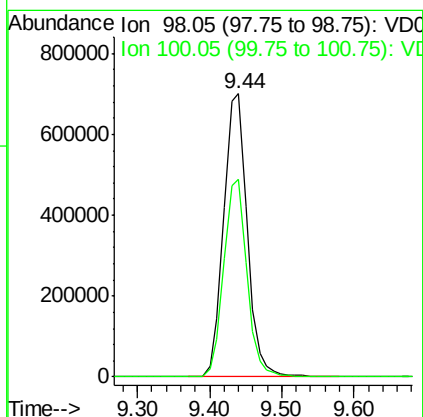
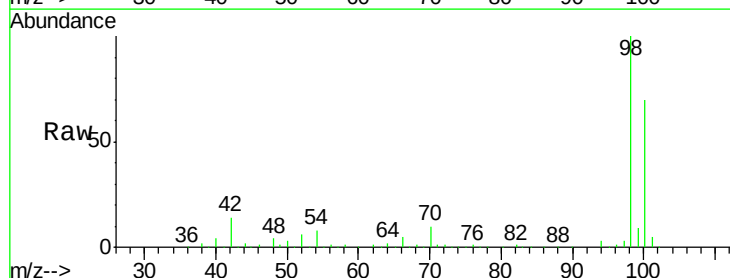
Instrument :
MSVOA_D
ClientSampleId :
TP-1-B

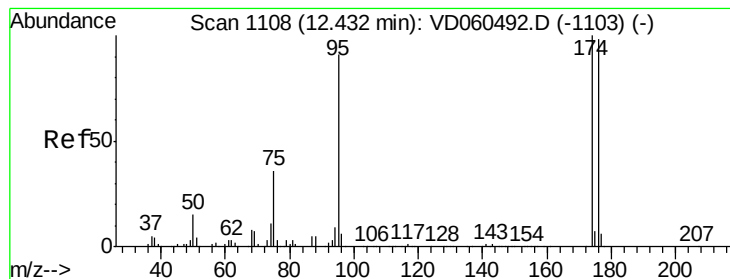
Tgt Ion: 113 Resp: 611323
Ion Ratio Lower Upper
113 100
111 101.2 80.2 120.4
192 20.3 16.6 24.8



#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 804
Delta R.T. -0.02 min
Lab File: VD060572.D
Acq: 14 Dec 2018 14:41

Tgt Ion: 98 Resp: 1589946
Ion Ratio Lower Upper
98 100
100 69.9 55.7 83.5





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.41 min Scan# 1106

Delta R.T. -0.02 min

Lab File: VD060572.D

Acq: 14 Dec 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

TP-1-B

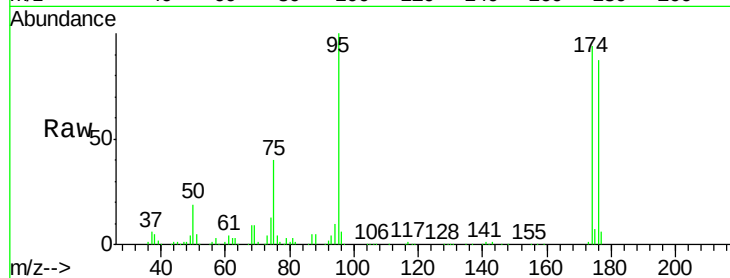
Tgt Ion: 95 Resp: 459722

Ion Ratio Lower Upper

95 100

174 93.9 0.0 219.4

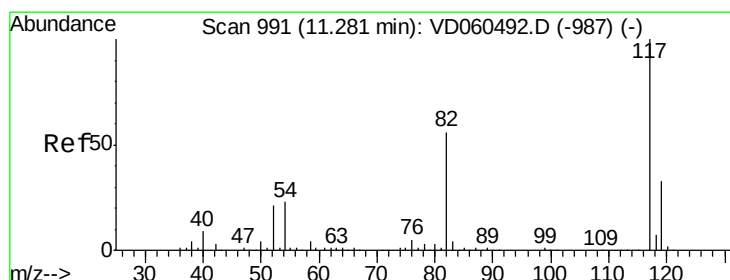
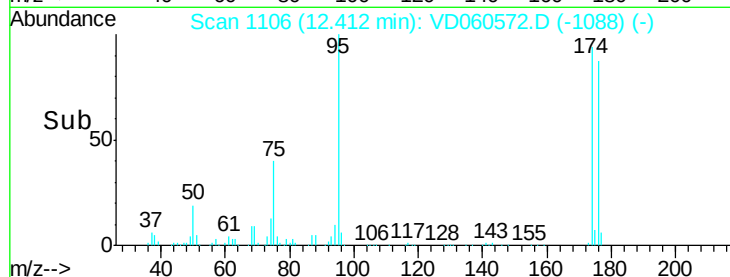
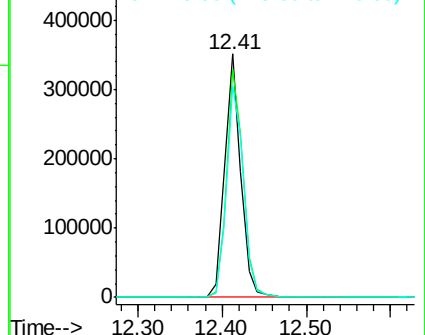
176 87.1 0.0 214.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.27 min Scan# 990

Delta R.T. -0.01 min

Lab File: VD060572.D

Acq: 14 Dec 2018 14:41

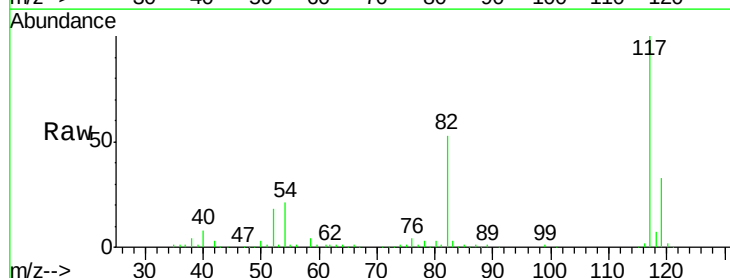
Tgt Ion: 117 Resp: 1137759

Ion Ratio Lower Upper

117 100

82 52.7 45.2 67.8

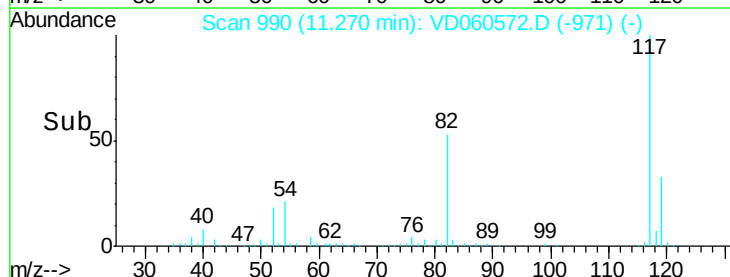
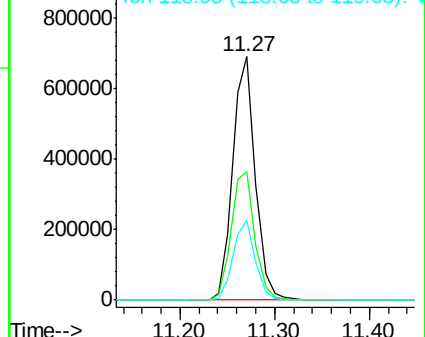
119 32.7 26.1 39.1

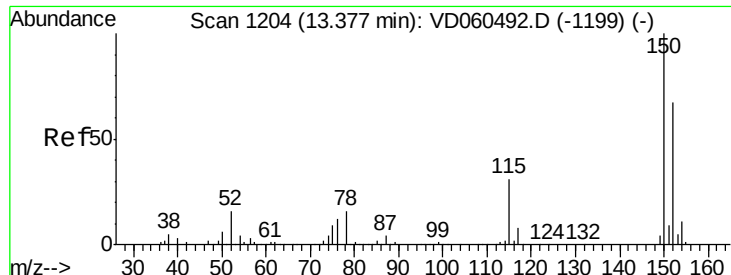


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

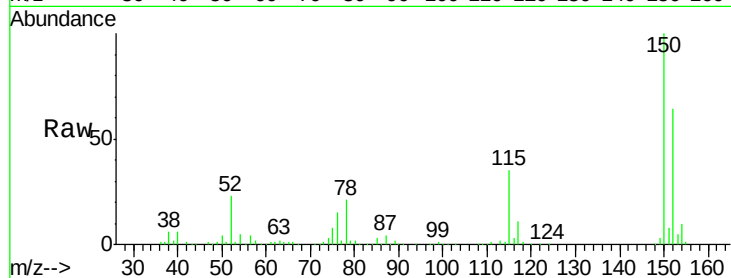




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.36 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: VD060572.D
 Acq: 14 Dec 2018 14:41

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-B

Tgt Ion:152 Resp: 437866
 Ion Ratio Lower Upper
 152 100
 115 54.8 24.6 74.0
 150 156.2 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

