

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110118\
 Data File : VD060265.D
 Acq On : 1 Nov 2018 16:35
 Operator : VA/AP
 Sample : J5759-09
 Misc : 5.87g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Nov 01 17:10:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

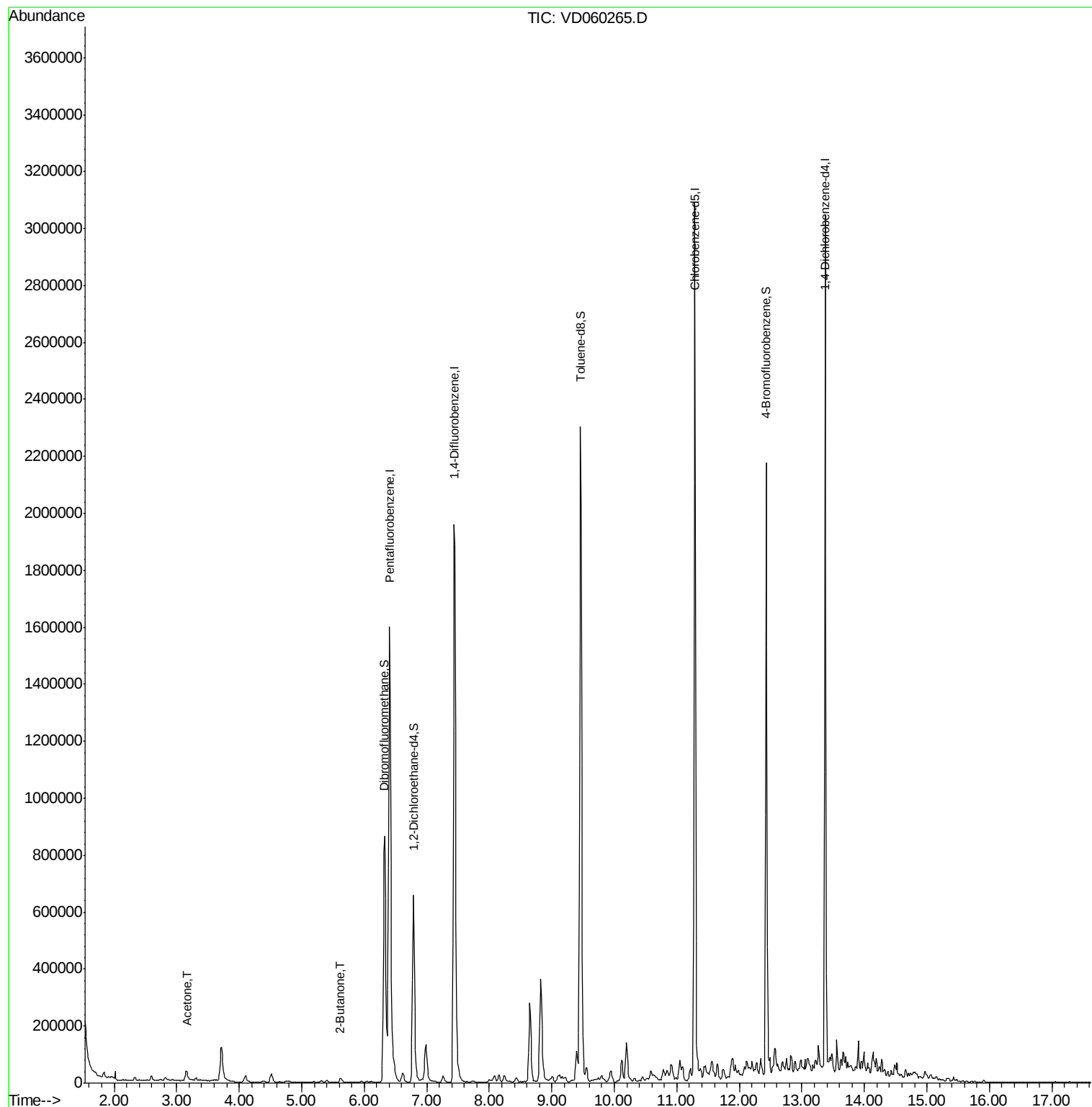
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1539599	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.45	114	2105203	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.29	117	1615012	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	671164	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	536967	46.01	ug/l	0.03
Spiked Amount 50.000			Recovery	=	92.02%	
35) Dibromofluoromethane	6.33	113	675865	42.28	ug/l	0.03
Spiked Amount 50.000			Recovery	=	84.56%	
50) Toluene-d8	9.46	98	1863784	40.89	ug/l	0.02
Spiked Amount 50.000			Recovery	=	81.78%	
62) 4-Bromofluorobenzene	12.43	95	600360	35.17	ug/l	0.01
Spiked Amount 50.000			Recovery	=	70.34%	
Target Compounds						
16) Acetone	3.16	43	73759	34.831	ug/l	95
25) 2-Butanone	5.63	43	32354	6.116	ug/l	97

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060265.D

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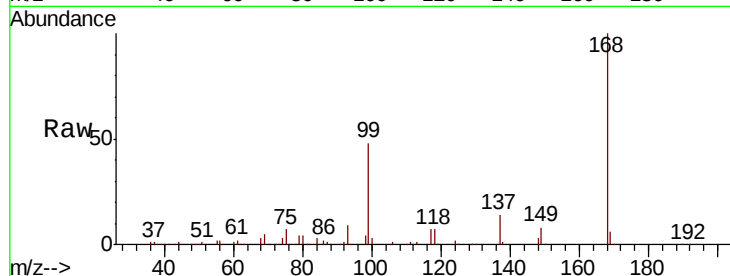
Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tot Ion:168 Resp: 1539599

Ion Ratio Lower Upper

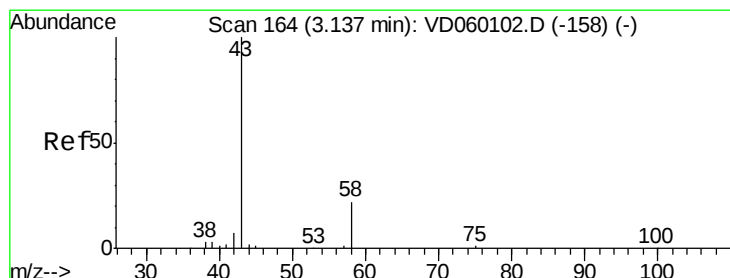
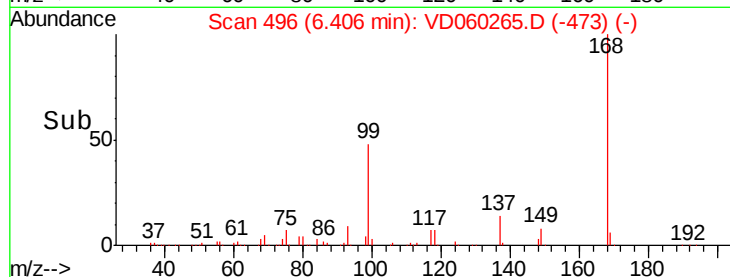
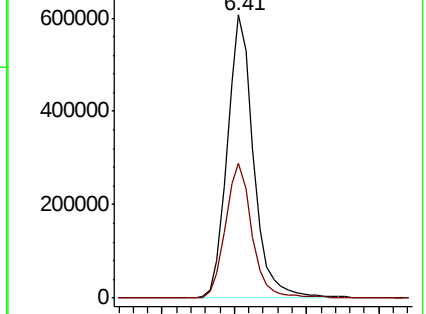
168 100

99 47.8 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 34.831 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060265.D

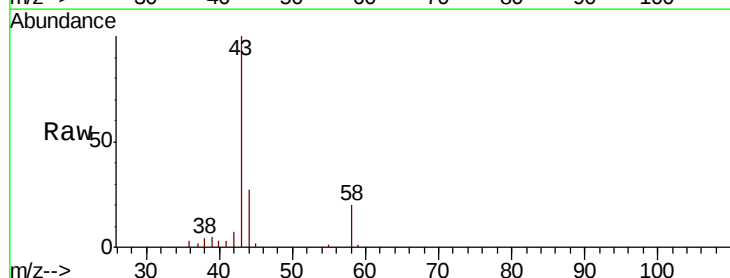
Acq: 1 Nov 2018 16:35

Tgt Ion: 43 Resp: 73759

Ion Ratio Lower Upper

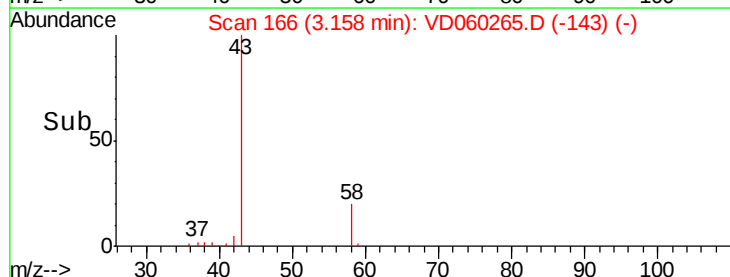
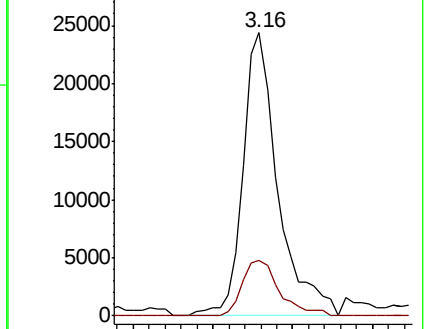
43 100

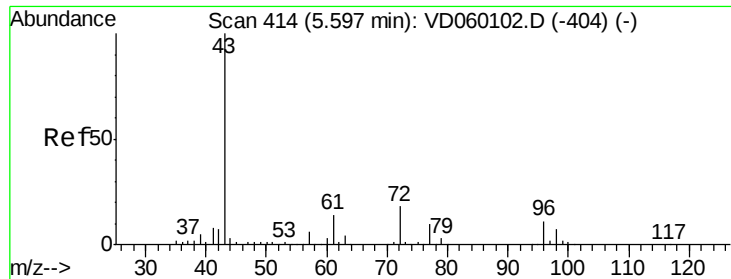
58 19.6 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 6.116 ug/l

RT: 5.63 min Scan# 417

Delta R.T. 0.03 min

Lab File: VD060265.D

Acq: 1 Nov 2018 16:35

Instrument :

MSVOA_D

ClientSampleId :

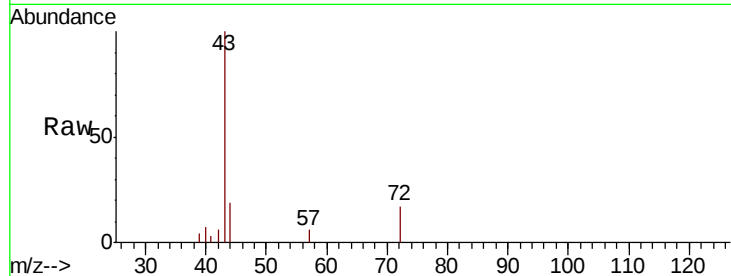
TP-3

Tot Ion: 43 Resp: 32354

Ion Ratio Lower Upper

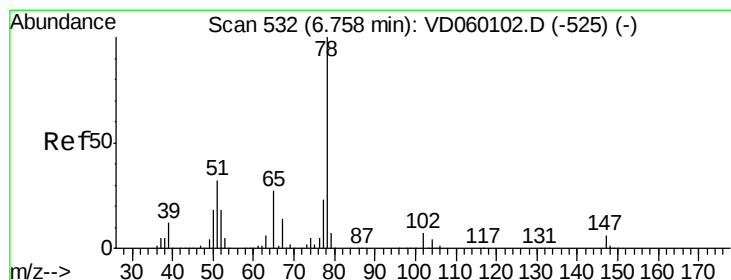
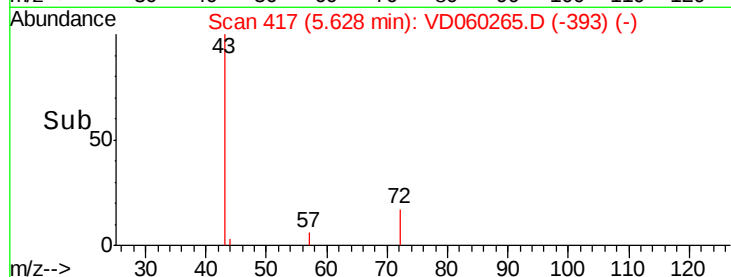
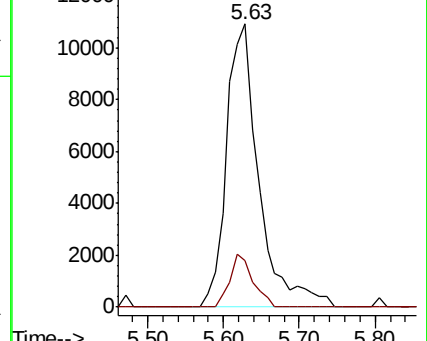
43 100

72 16.6 14.5 21.7



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: 6.79 min Scan# 535

Delta R.T. 0.03 min

Lab File: VD060265.D

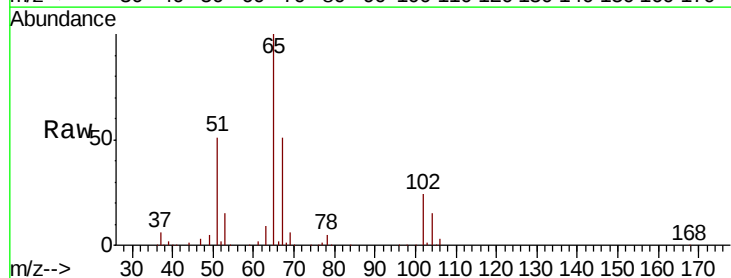
Acq: 1 Nov 2018 16:35

Tgt Ion: 65 Resp: 536967

Ion Ratio Lower Upper

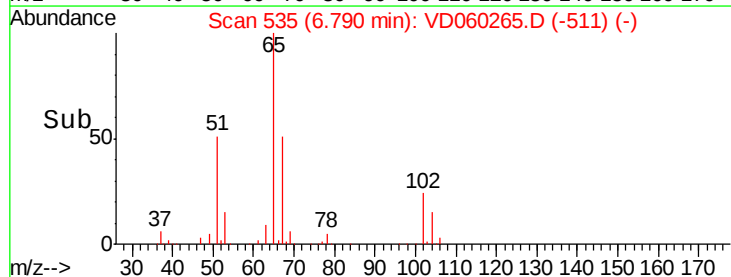
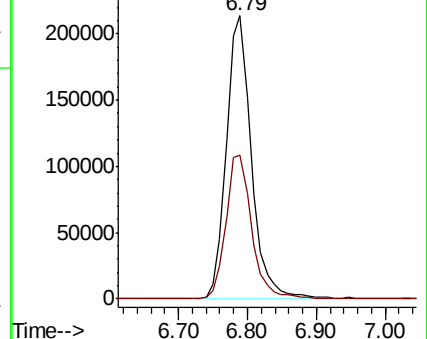
65 100

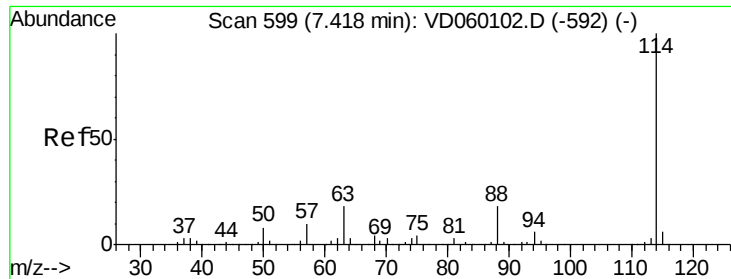
67 51.0 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



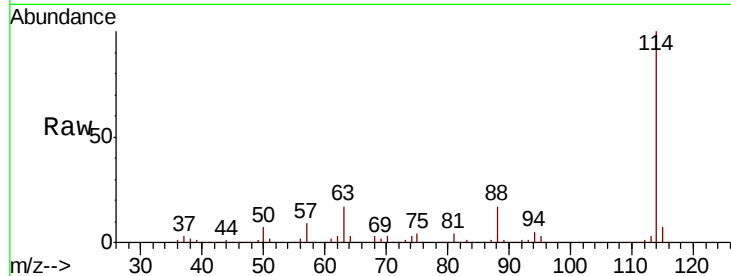


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060265.D
 Acq: 1 Nov 2018 16:35

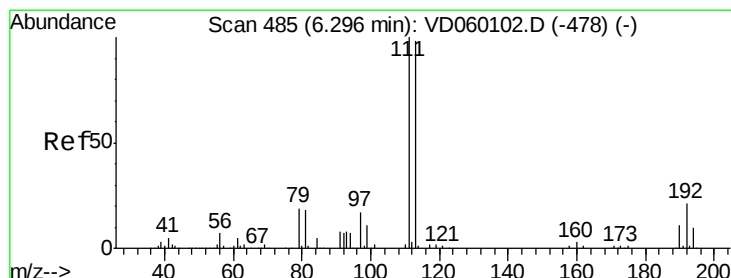
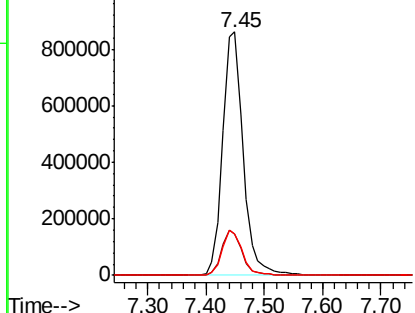
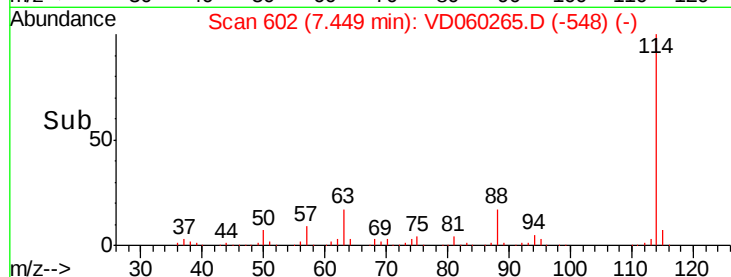
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Tot Ion:114 Resp: 2105203

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	36.0
88	17.2	0.0	36.2



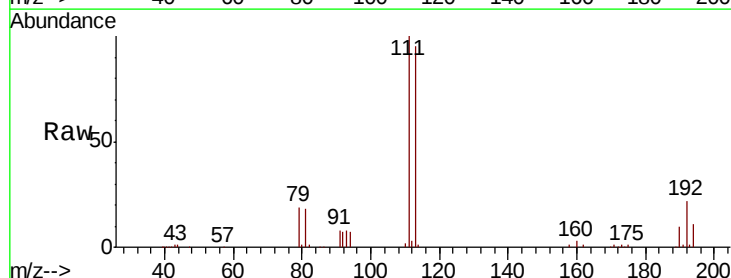
Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V



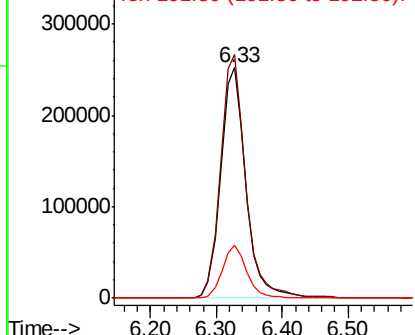
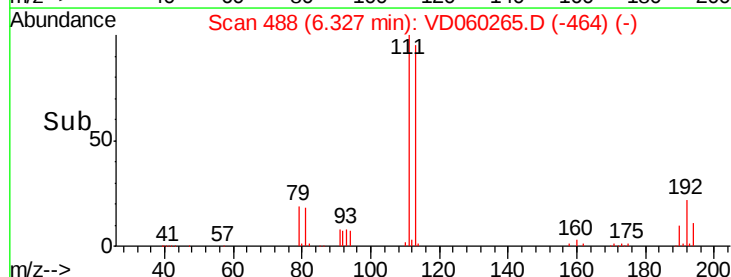
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. 0.03 min
 Lab File: VD060265.D
 Acq: 1 Nov 2018 16:35

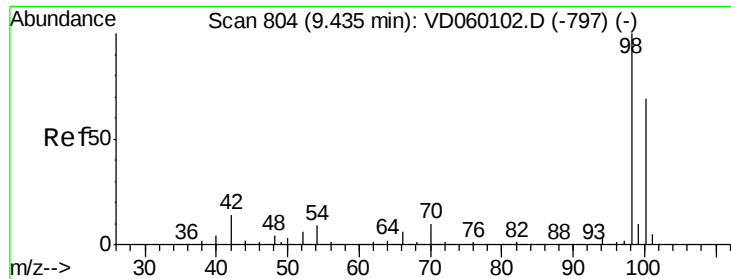
Tgt Ion:113 Resp: 675865

Ion	Ratio	Lower	Upper
113	100		
111	105.6	81.5	122.3
192	23.0	17.4	26.0



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

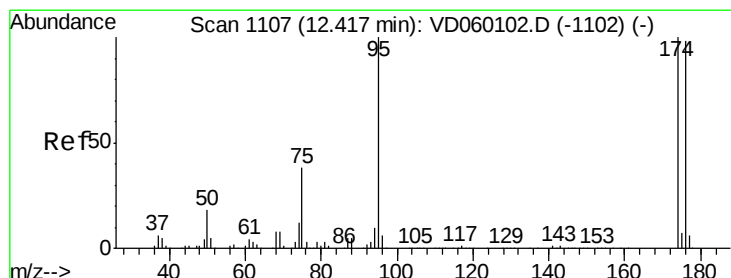
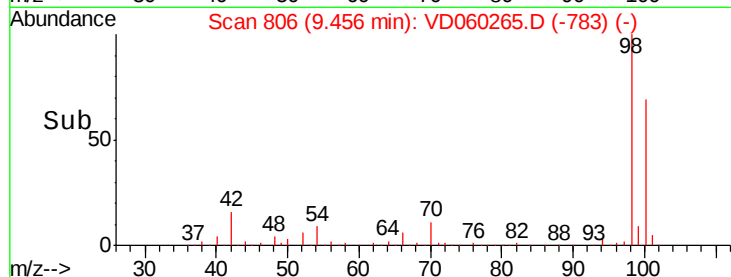
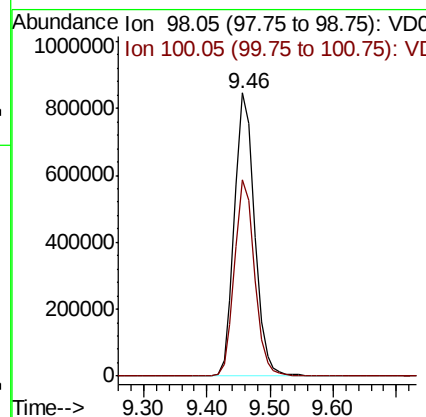
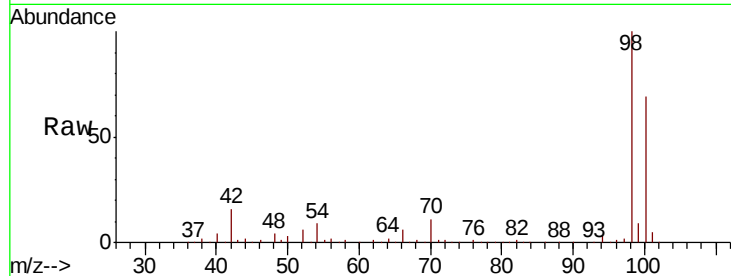




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 806
Delta R.T. 0.02 min
Lab File: VD060265.D
Acq: 1 Nov 2018 16:35

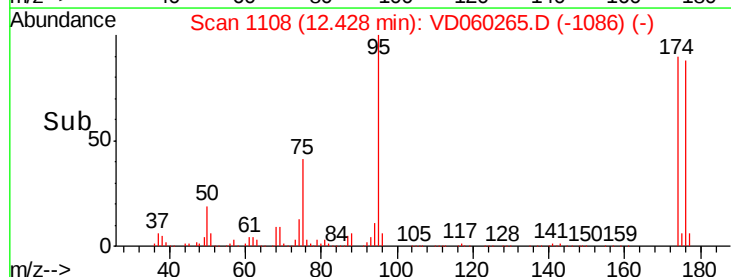
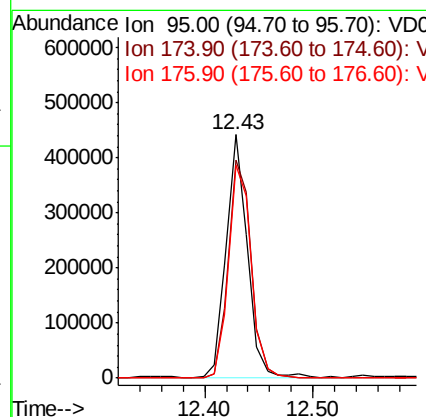
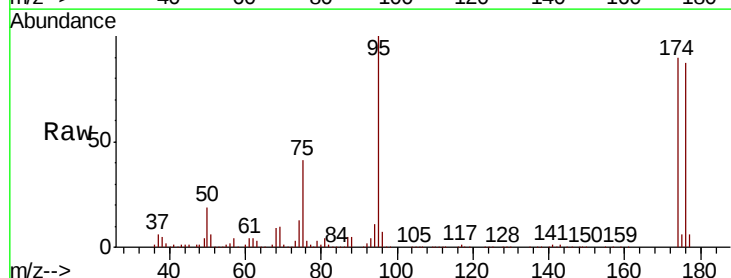
Instrument :
MSVOA_D
ClientSampled :
TP-3

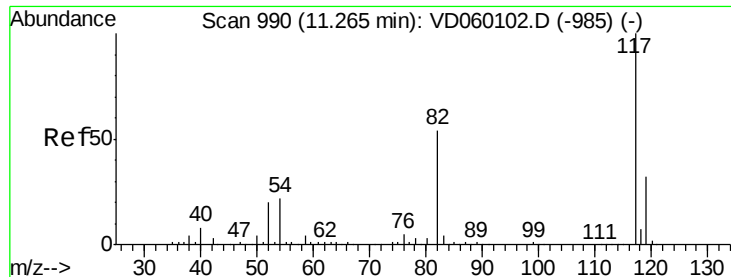
Tot Ion: 98 Resp: 1863784
Ion Ratio Lower Upper
98 100
100 69.4 55.4 83.0



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060265.D
Acq: 1 Nov 2018 16:35

Tgt Ion: 95 Resp: 600360
Ion Ratio Lower Upper
95 100
174 89.6 0.0 200.2
176 87.3 0.0 195.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.29 min Scan# 992

Delta R.T. 0.02 min

Lab File: VD060265.D

Acq: 1 Nov 2018 16:35

Instrument :

MSVOA_D

ClientSampled :

TP-3

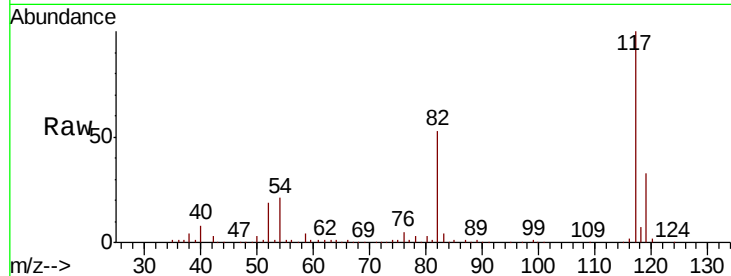
Tot Ion:117 Resp: 1615012

Ion Ratio Lower Upper

117 100

82 52.6 43.4 65.2

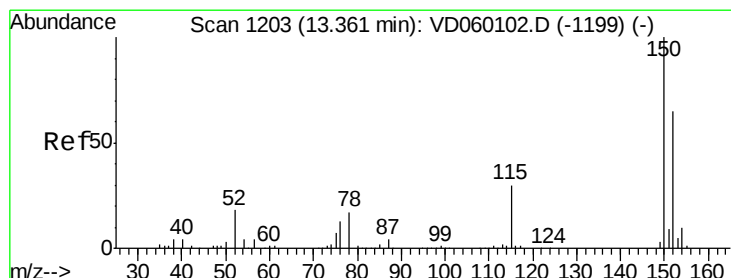
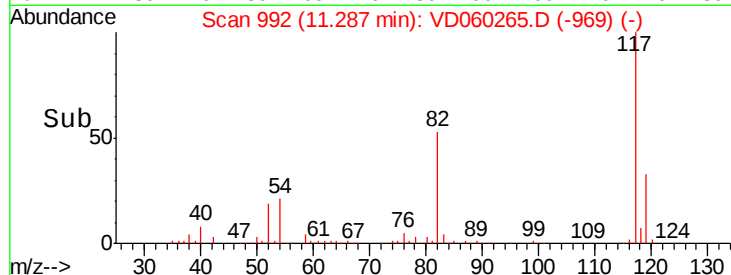
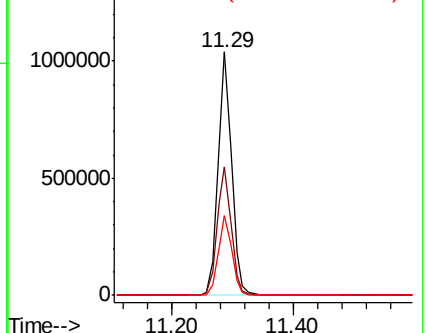
119 32.7 26.0 39.0



Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): VD

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: VD060265.D

Acq: 1 Nov 2018 16:35

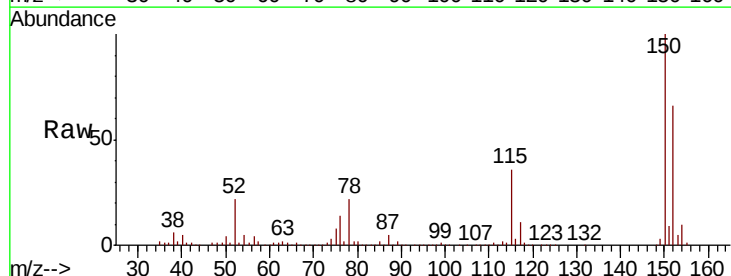
Tgt Ion:152 Resp: 671164

Ion Ratio Lower Upper

152 100

115 54.1 27.1 81.2

150 152.3 0.0 311.8



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

