

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110118\
 Data File : VD060273.D
 Acq On : 1 Nov 2018 20:23
 Operator : VA/AP
 Sample : J5755-03
 Misc : 4.89g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-S

Quant Time: Nov 02 02:11:02 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

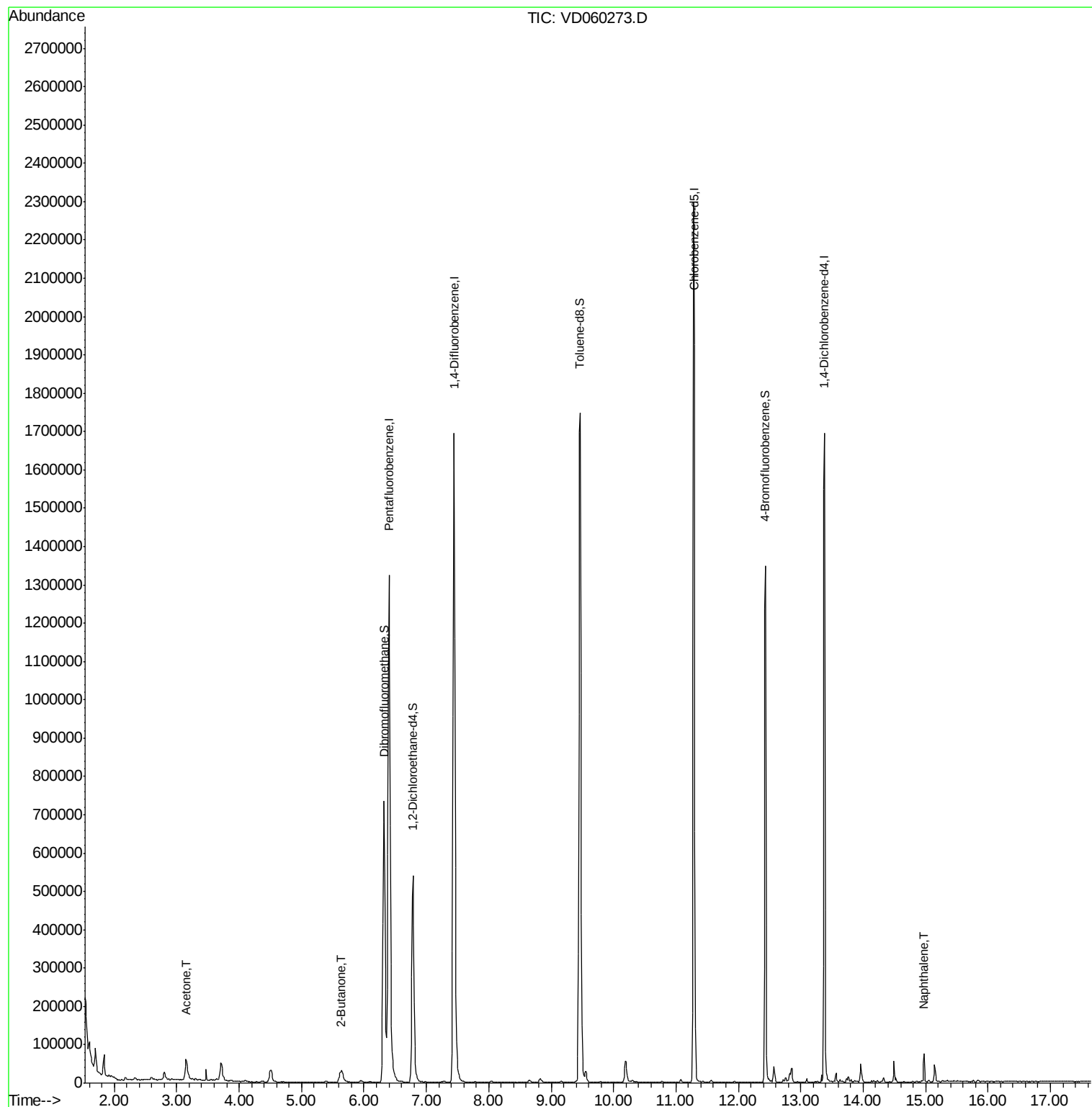
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1290267	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.45	114	1795625	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.28	117	1247602	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	421784	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	448232	45.83	ug/l	0.03
Spiked Amount 50.000			Recovery	=	91.66%	
35) Dibromofluoromethane	6.32	113	571718	41.93	ug/l	0.03
Spiked Amount 50.000			Recovery	=	83.86%	
50) Toluene-d8	9.46	98	1432596	36.84	ug/l	0.03
Spiked Amount 50.000			Recovery	=	73.68%	
62) 4-Bromofluorobenzene	12.43	95	399843	27.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.92%	
Target Compounds						
16) Acetone	3.15	43	105531	59.464	ug/l	96
25) 2-Butanone	5.62	43	44057	9.937	ug/l	100
95) Naphthalene	14.97	128	44805	3.006	ug/l	98

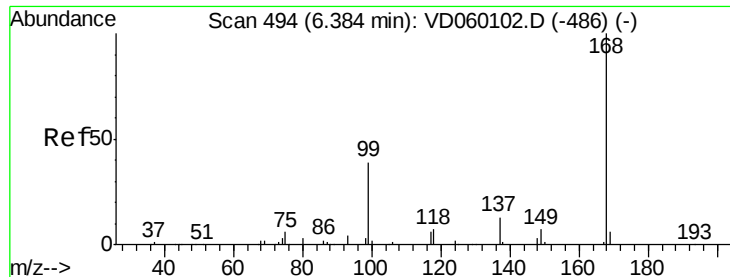
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110118\
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Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060273.D

Acq: 1 Nov 2018 20:23

Instrument :

MSVOA_D

ClientSampleId :

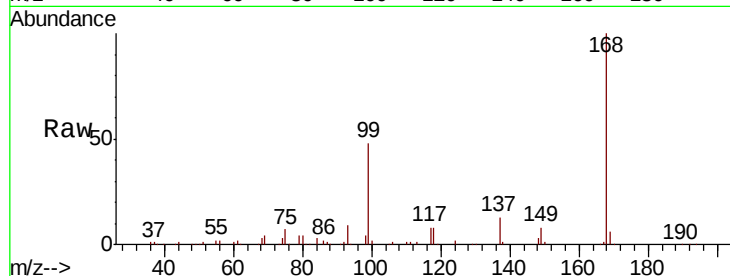
TP-1-S

Tot Ion:168 Resp: 1290267

Ion Ratio Lower Upper

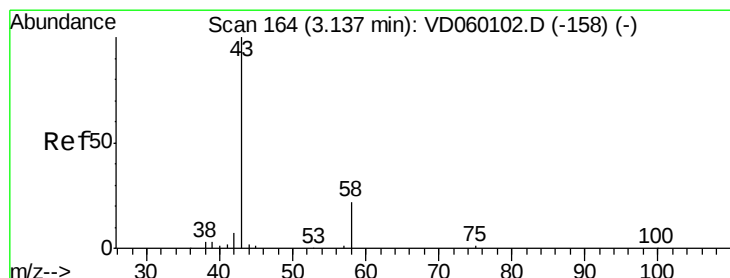
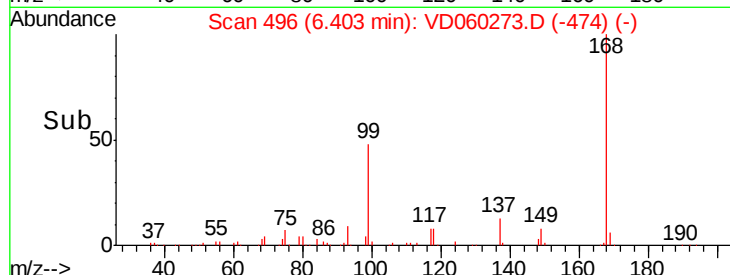
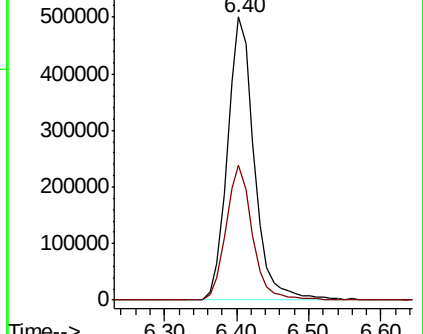
168 100

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: 59.464 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.01 min

Lab File: VD060273.D

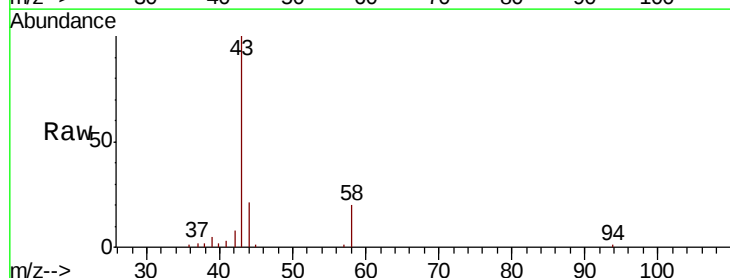
Acq: 1 Nov 2018 20:23

Tgt Ion: 43 Resp: 105531

Ion Ratio Lower Upper

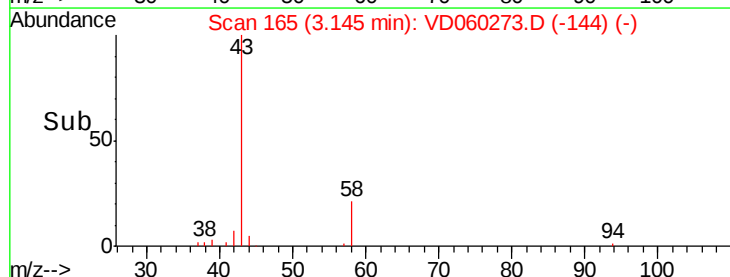
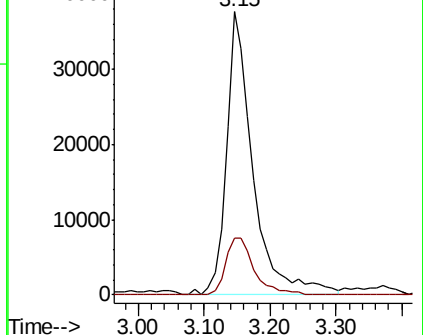
43 100

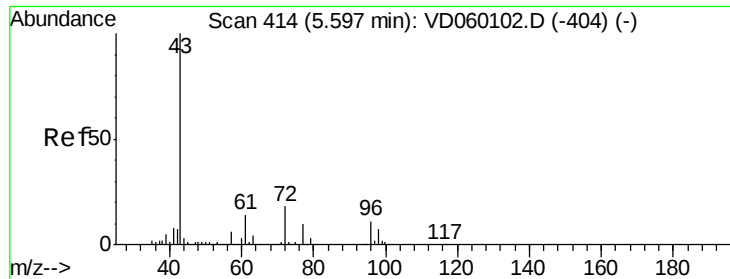
58 20.2 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 9.937 ug/l

RT: 5.62 min Scan# 416

Delta R.T. 0.02 min

Lab File: VD060273.D

Acq: 1 Nov 2018 20:23

Instrument :

MSVOA_D

ClientSampleId :

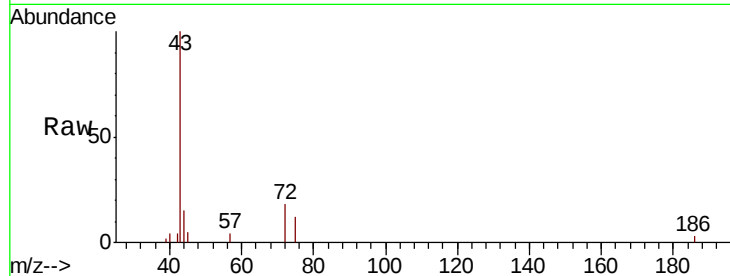
TP-1-S

Tot Ion: 43 Resp: 44057

Ion Ratio Lower Upper

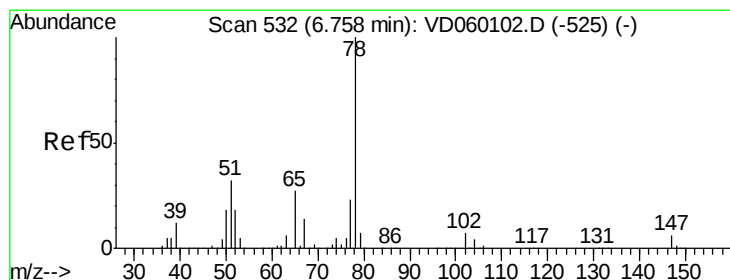
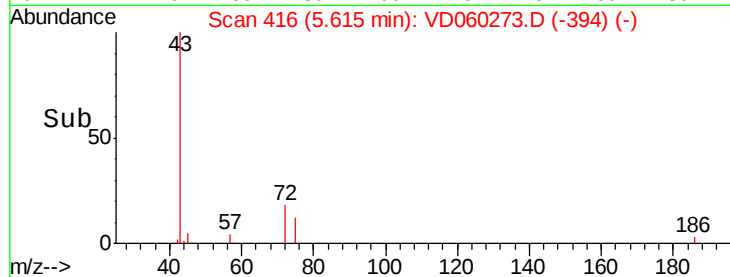
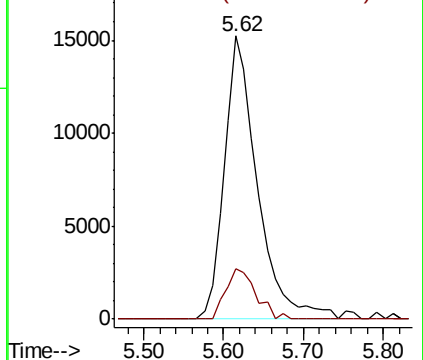
43 100

72 18.0 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: VD060273.D

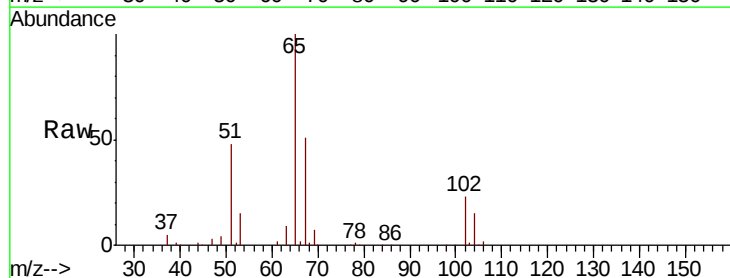
Acq: 1 Nov 2018 20:23

Tgt Ion: 65 Resp: 448232

Ion Ratio Lower Upper

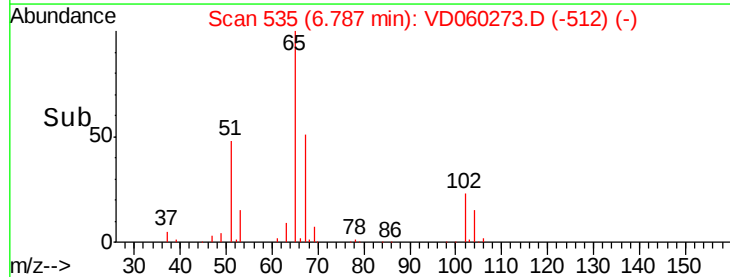
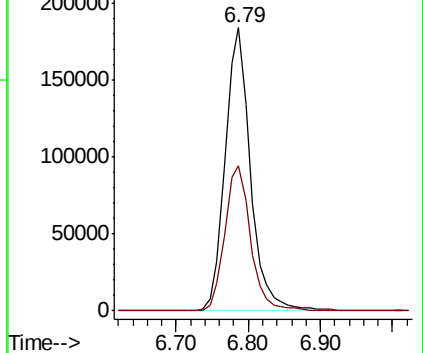
65 100

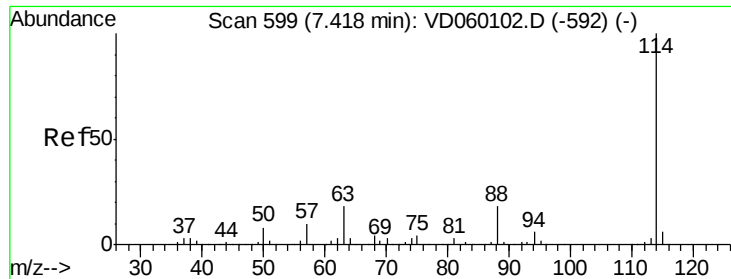
67 51.3 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

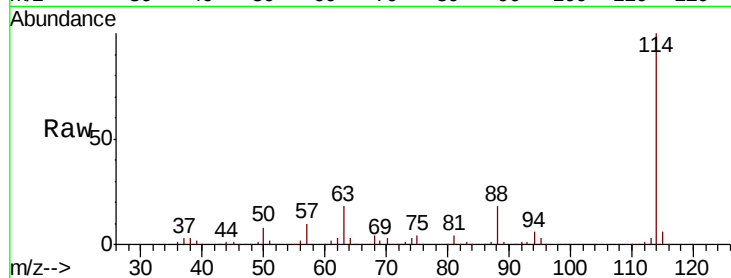




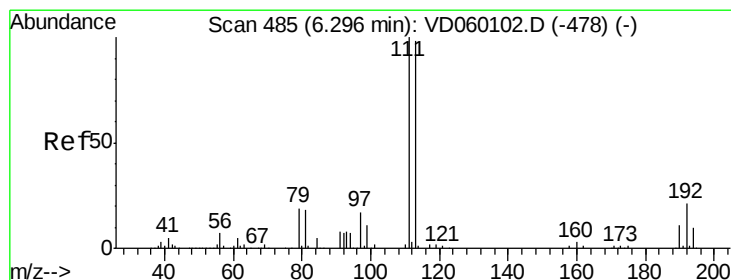
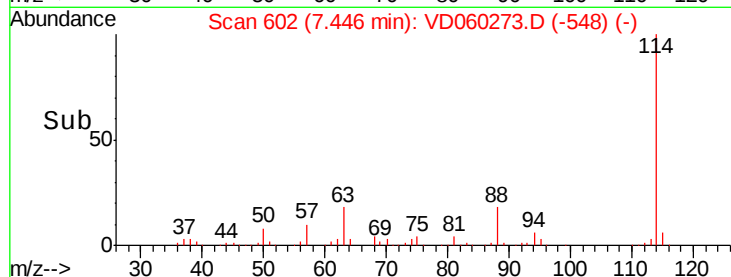
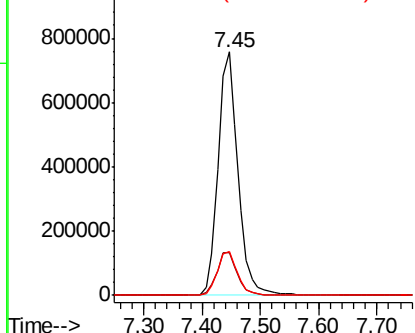
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060273.D
 Acq: 1 Nov 2018 20:23

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-S

Tot Ion:114 Resp: 1795625
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.0
 88 17.8 0.0 36.2

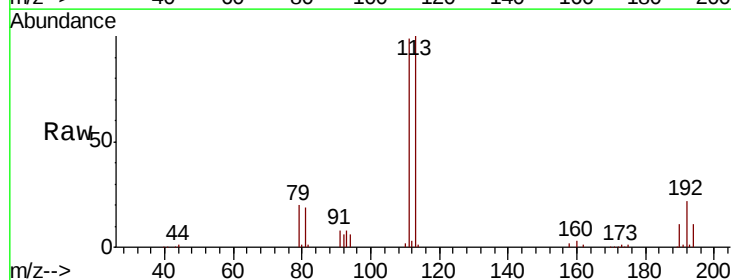


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

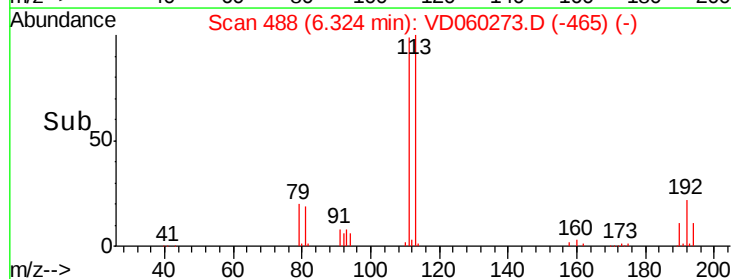
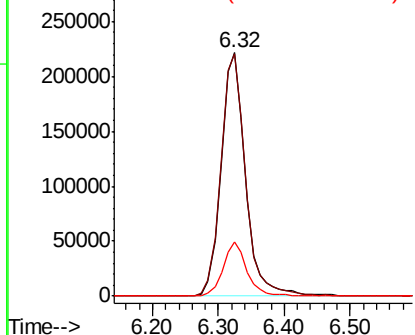


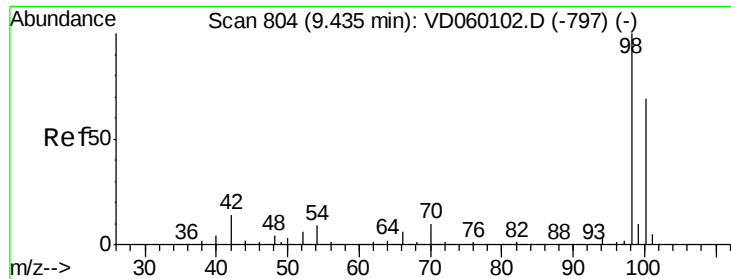
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 488
 Delta R.T. 0.03 min
 Lab File: VD060273.D
 Acq: 1 Nov 2018 20:23

Tgt Ion:113 Resp: 571718
 Ion Ratio Lower Upper
 113 100
 111 99.5 81.5 122.3
 192 22.3 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

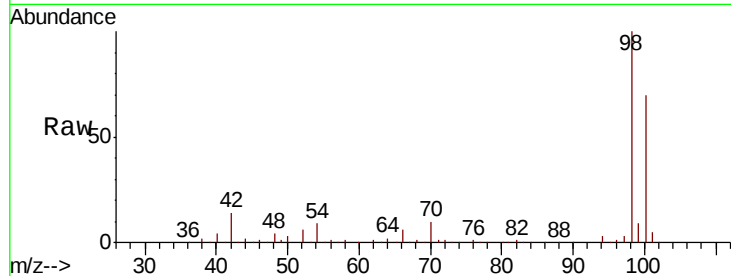




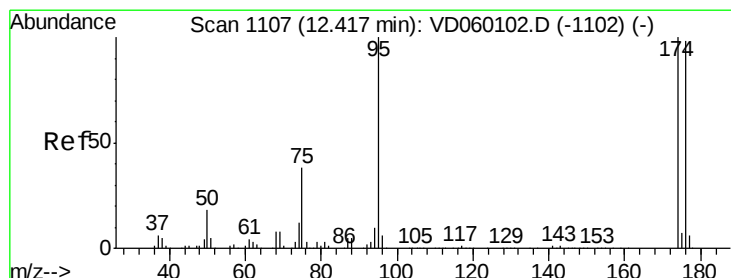
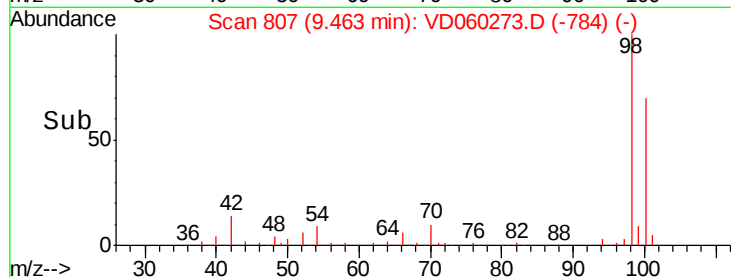
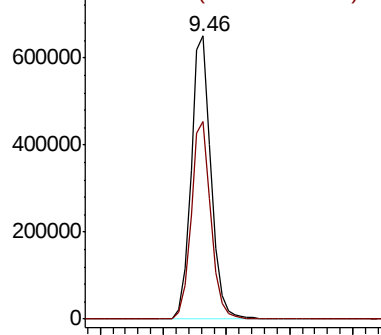
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. 0.03 min
Lab File: VD060273.D
Acq: 1 Nov 2018 20:23

Instrument :
MSVOA_D
ClientSampleId :
TP-1-S

Tot Ion: 98 Resp: 1432596
Ion Ratio Lower Upper
98 100
100 69.7 55.4 83.0

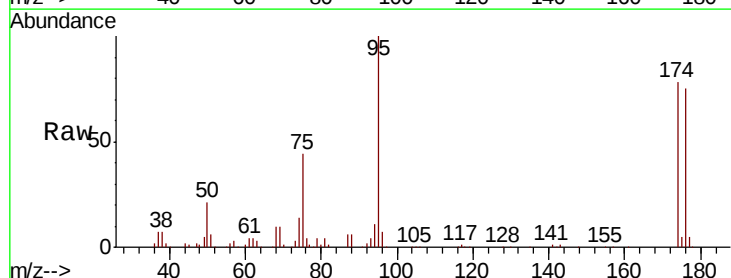


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

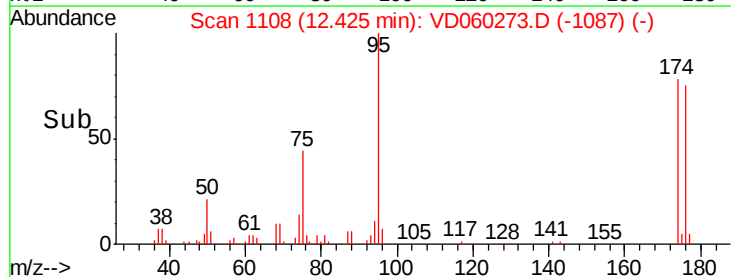
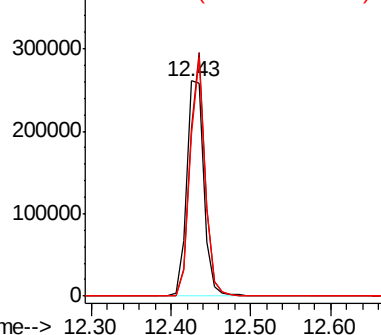


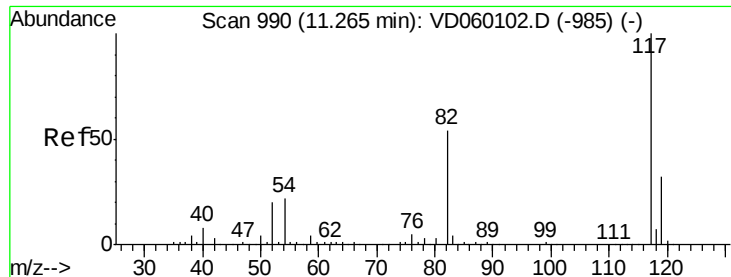
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060273.D
Acq: 1 Nov 2018 20:23

Tgt Ion: 95 Resp: 399843
Ion Ratio Lower Upper
95 100
174 78.2 0.0 200.2
176 75.0 0.0 195.6



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





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.28 min Scan# 992

Delta R.T. 0.02 min

Lab File: VD060273.D

Acq: 1 Nov 2018 20:23

Instrument :

MSVOA_D

ClientSampleId :

TP-1-S

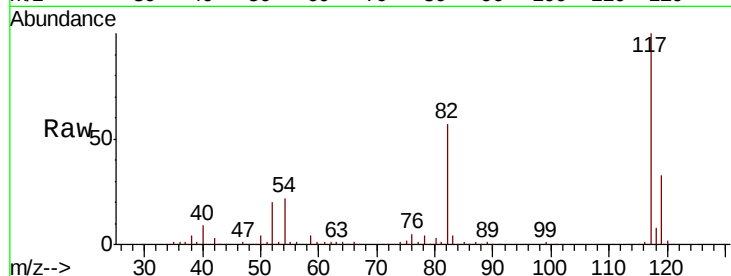
Tot Ion:117 Resp: 1247602

Ion Ratio Lower Upper

117 100

82 56.7 43.4 65.2

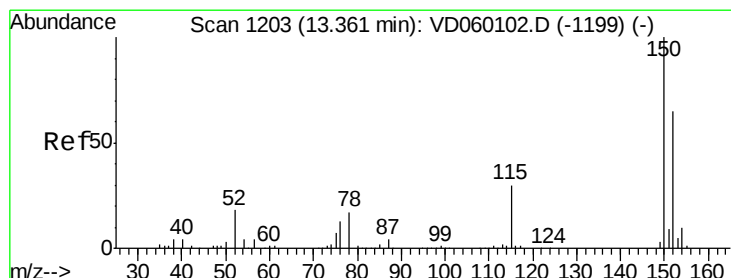
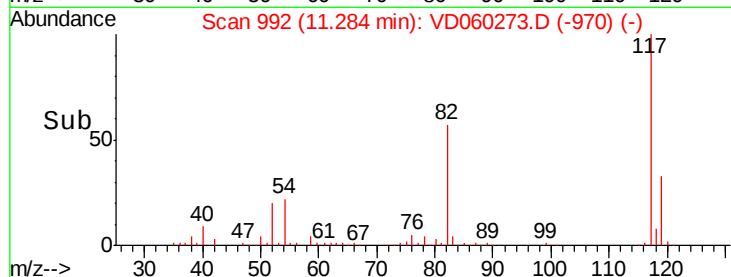
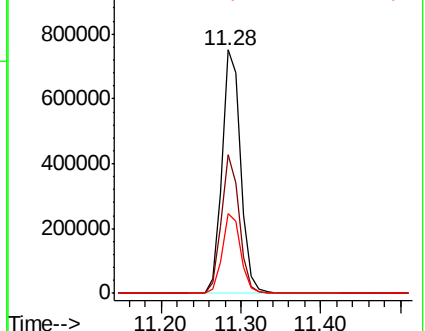
119 32.5 26.0 39.0



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: 13.38 min Scan# 1205

Delta R.T. 0.02 min

Lab File: VD060273.D

Acq: 1 Nov 2018 20:23

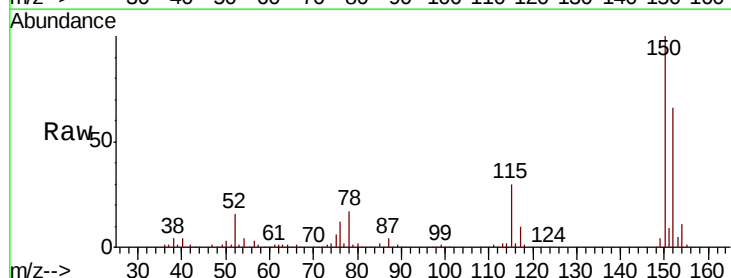
Tgt Ion:152 Resp: 421784

Ion Ratio Lower Upper

152 100

115 46.2 27.1 81.2

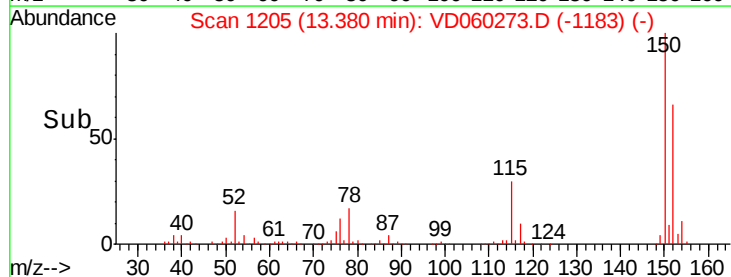
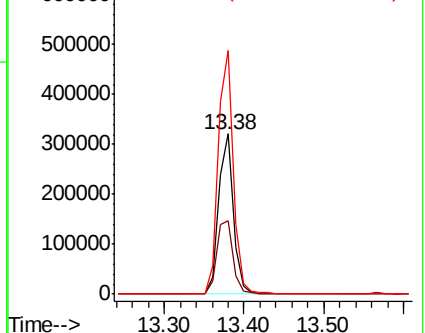
150 152.3 0.0 311.8

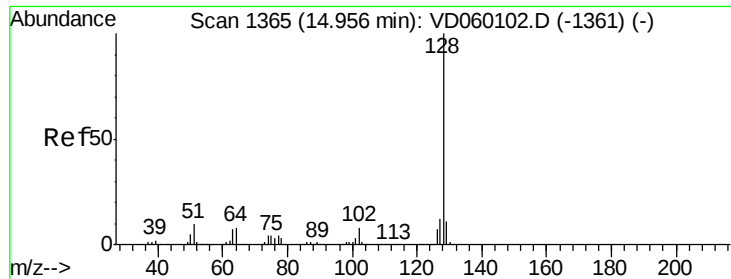


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 3.006 ug/l

RT: 14.97 min Scan# 1367

Delta R.T. 0.02 min

Lab File: VD060273.D

Acq: 1 Nov 2018 20:23

Instrument :

MSVOA_D

ClientSampleId :

TP-1-S

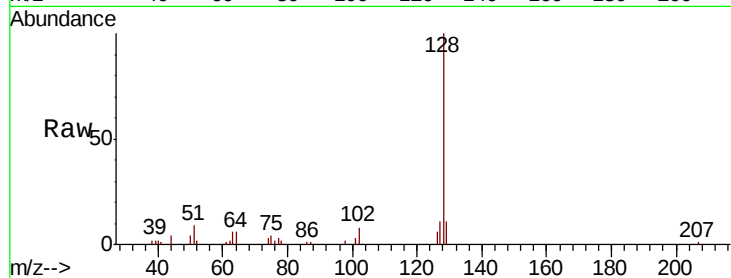
Tot Ion:128 Resp: 44805

Ion Ratio Lower Upper

128 100

127 11.3 9.9 14.9

129 10.9 8.8 13.2



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

