

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091418\
 Data File : VD060005.D
 Acq On : 14 Sep 2018 12:54
 Operator : JC/SY
 Sample : J4780-01RE
 Misc : 6.51g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-091118RE

Quant Time: Sep 14 13:54:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

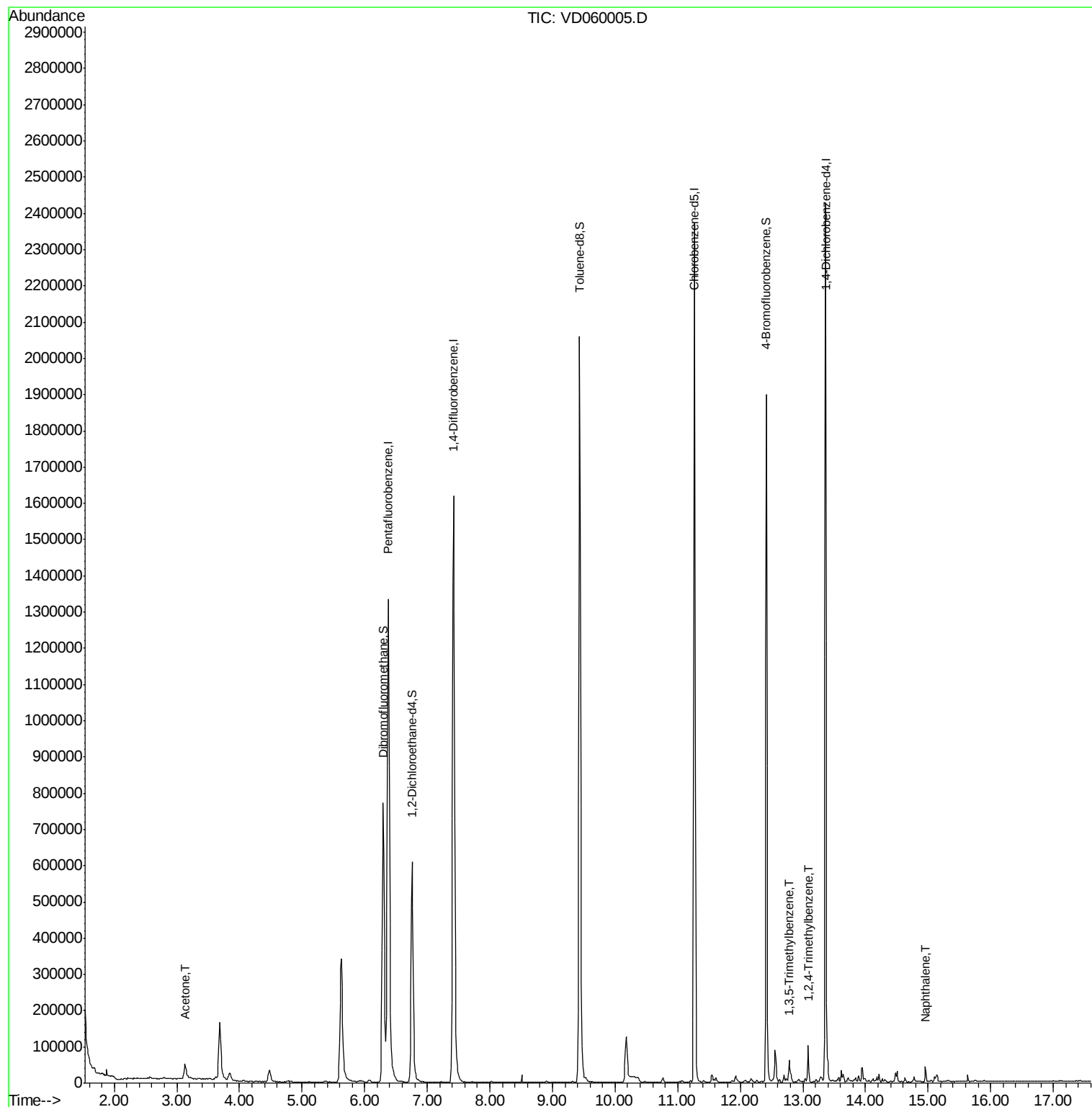
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1320387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.42	114	1735597	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	1339881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	534095	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	470823	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.46%	
35) Dibromofluoromethane	6.30	113	598686	44.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.30%	
50) Toluene-d8	9.44	98	1610462	42.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.72%	
62) 4-Bromofluorobenzene	12.42	95	522306	36.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.76%	
Target Compounds						
16) Acetone	3.13	43	78226	39.35	ug/l	99
80) 1,3,5-Trimethylbenzene	12.78	105	26969	1.00	ug/l	91
84) 1,2,4-Trimethylbenzene	13.09	105	44779	1.56	ug/l	97
95) Naphthalene	14.96	128	25446	1.32	ug/l	98

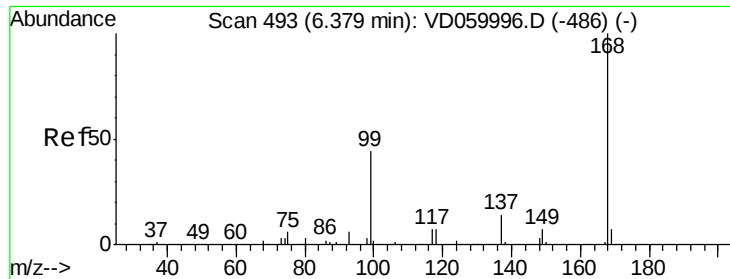
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091418\
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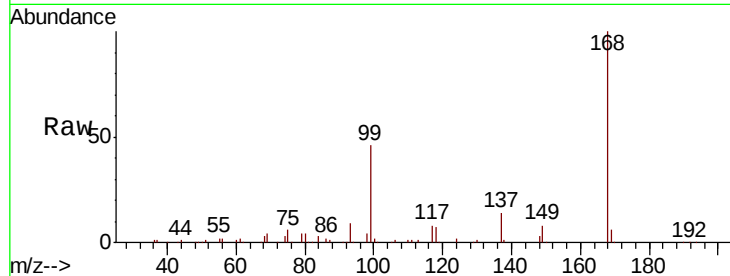


#1

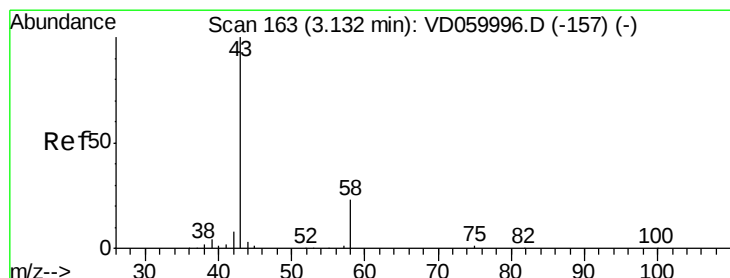
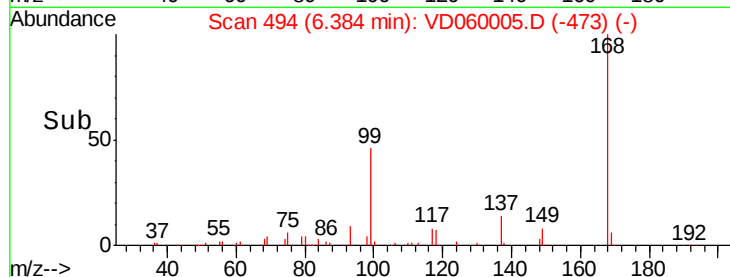
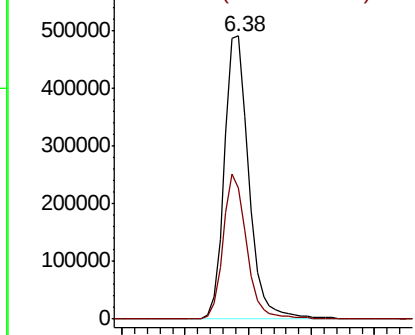
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 6.38 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VD060005.D
 Acq: 14 Sep 2018 12:54

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-091118RE

Tot Ion:168 Resp: 1320387
 Ion Ratio Lower Upper
 168 100
 99 46.2 38.5 57.7



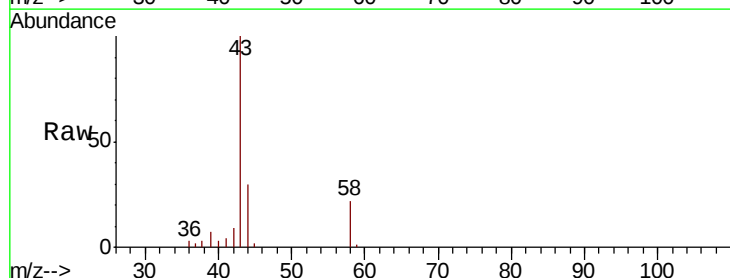
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.95 (98.65 to 99.65): VDC



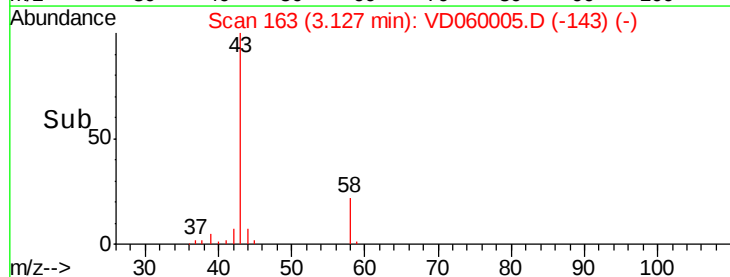
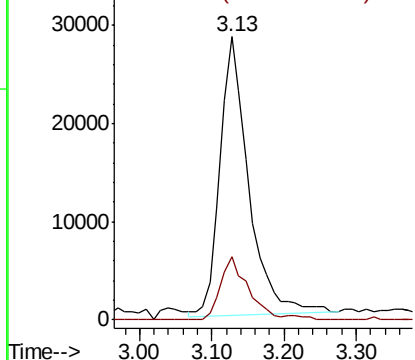
#16

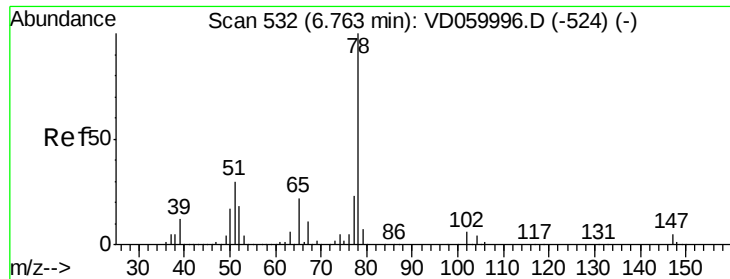
Acetone
 Concen: 39.35 ug/l
 RT: 3.13 min Scan# 163
 Delta R.T. -0.00 min
 Lab File: VD060005.D
 Acq: 14 Sep 2018 12:54

Tgt Ion: 43 Resp: 78226
 Ion Ratio Lower Upper
 43 100
 58 22.3 18.1 27.1



Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.76 min Scan# 532

Delta R.T. -0.00 min

Lab File: VD060005.D

Acq: 14 Sep 2018 12:54

Instrument :

MSVOA_D

ClientSampleId :

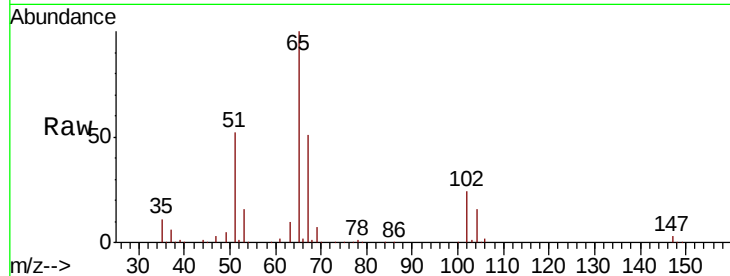
TR-04-091118RE

Tot Ion: 65 Resp: 470823

Ion Ratio Lower Upper

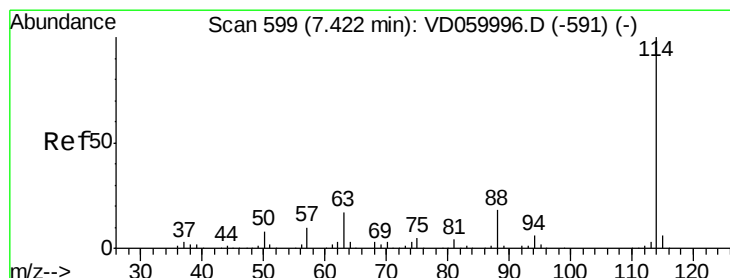
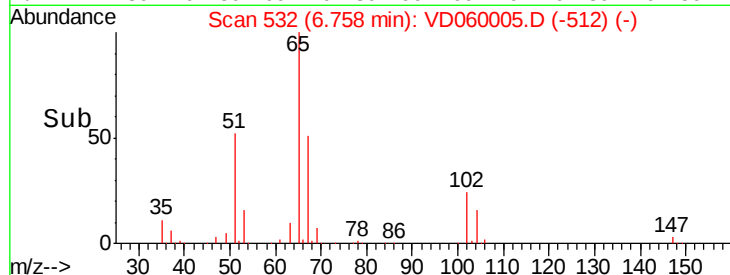
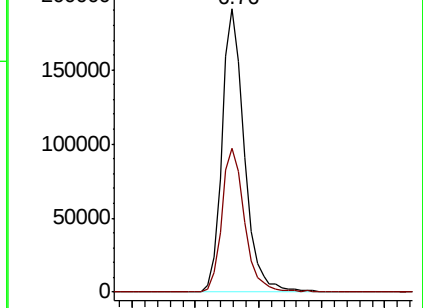
65 100

67 51.0 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.42 min Scan# 599

Delta R.T. -0.00 min

Lab File: VD060005.D

Acq: 14 Sep 2018 12:54

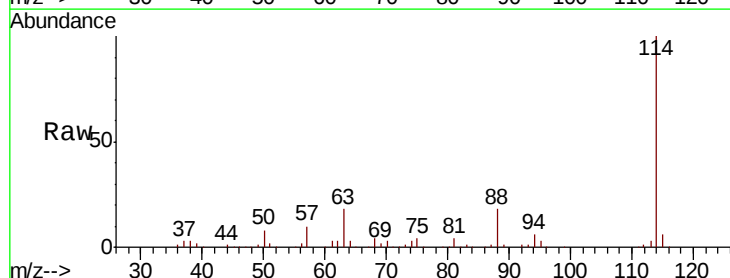
Tgt Ion: 114 Resp: 1735597

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.4

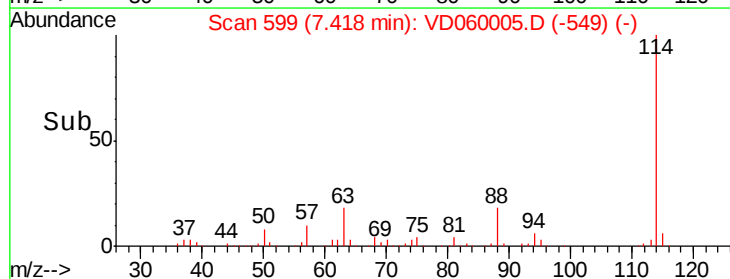
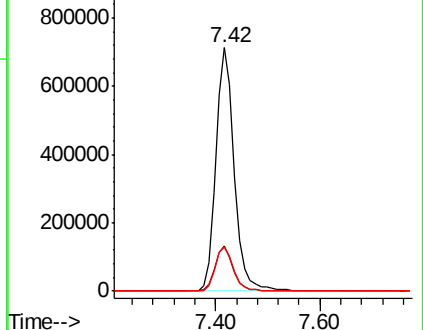
88 18.1 0.0 35.8

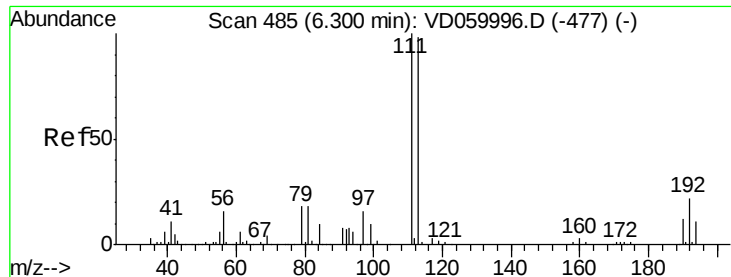


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

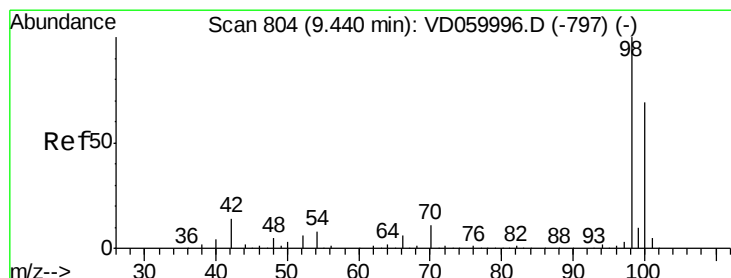
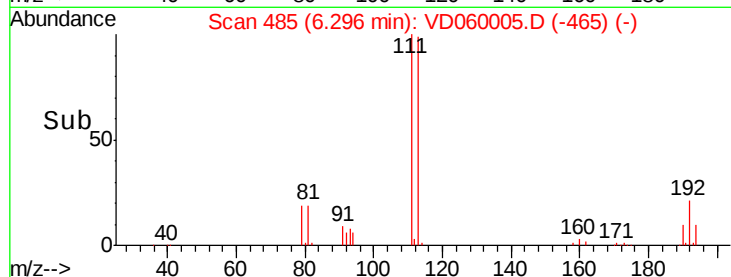
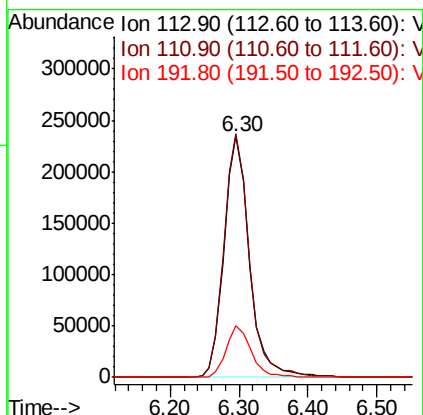
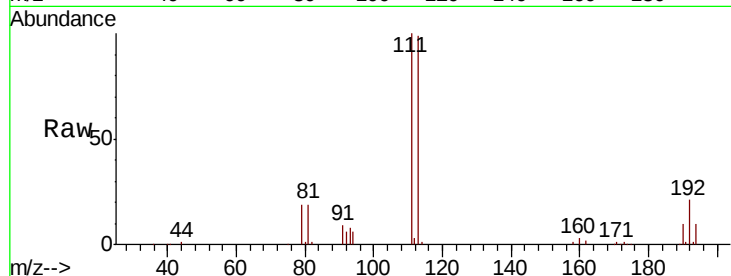




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.30 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: VD060005.D
 Acq: 14 Sep 2018 12:54

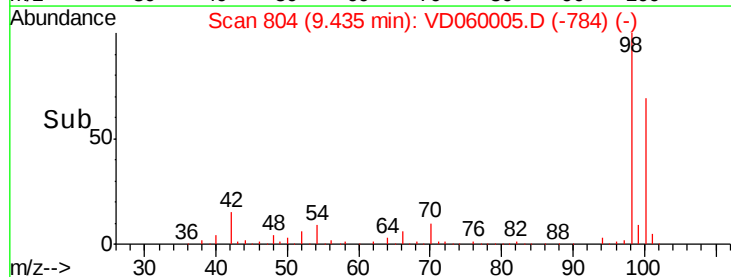
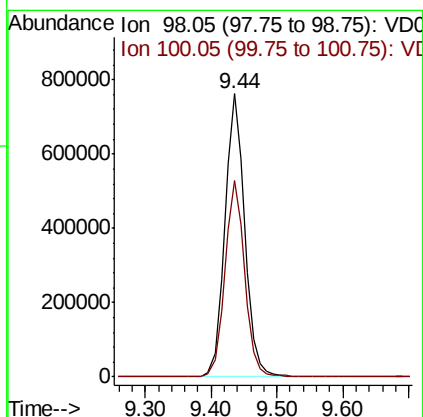
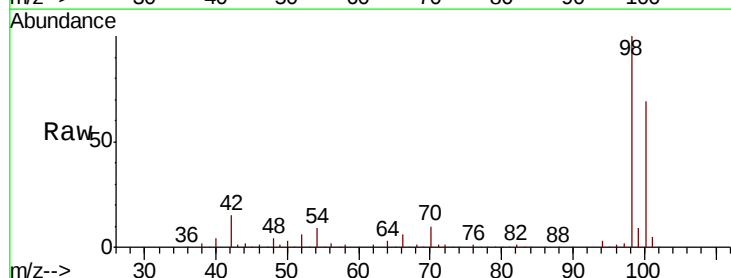
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-091118RE

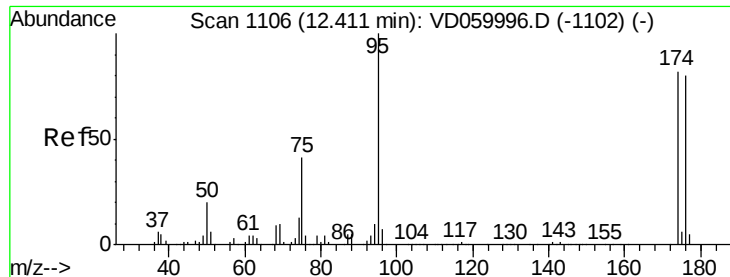
Tot Ion:113 Resp: 598686
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.3 121.9
 192 21.3 18.1 27.1



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.44 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VD060005.D
 Acq: 14 Sep 2018 12:54

Tgt Ion: 98 Resp: 1610462
 Ion Ratio Lower Upper
 98 100
 100 69.4 55.8 83.6





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VD060005.D

Acq: 14 Sep 2018 12:54

Instrument :

MSVOA_D

ClientSampleId :

TR-04-091118RE

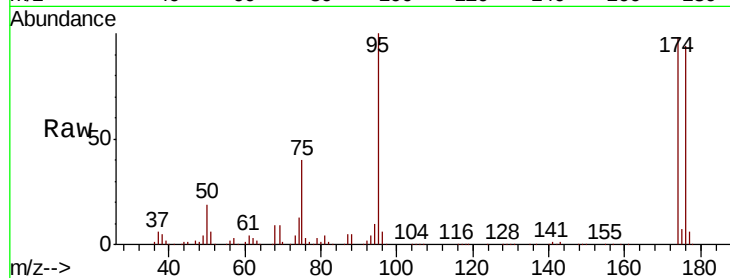
Tot Ion: 95 Resp: 522306

Ion Ratio Lower Upper

95 100

174 97.9 0.0 165.0

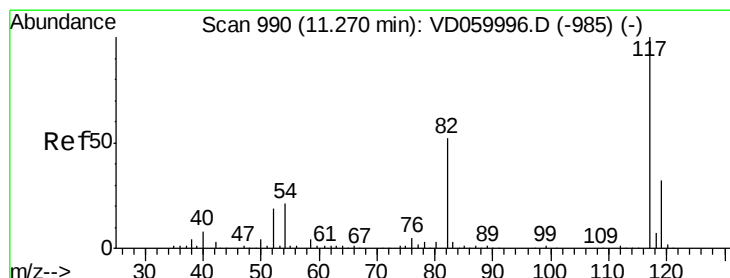
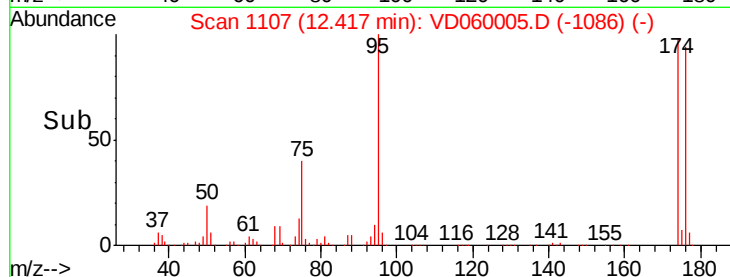
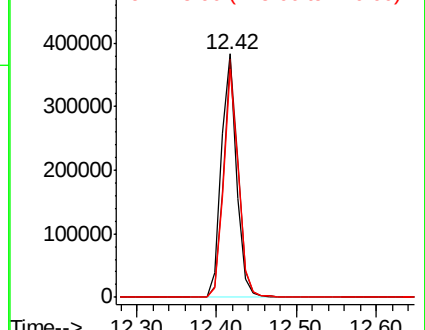
176 93.8 0.0 160.2



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: 50.00 ug/l

RT: 11.27 min Scan# 990

Delta R.T. -0.00 min

Lab File: VD060005.D

Acq: 14 Sep 2018 12:54

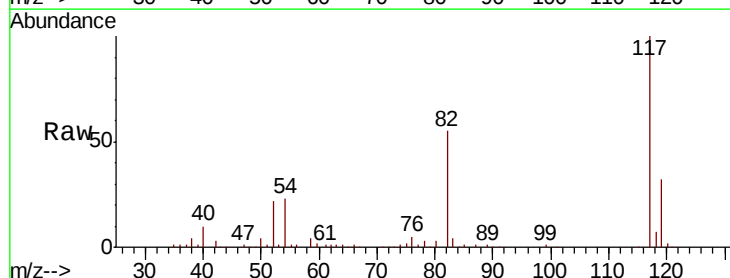
Tgt Ion: 117 Resp: 1339881

Ion Ratio Lower Upper

117 100

82 55.3 41.7 62.5

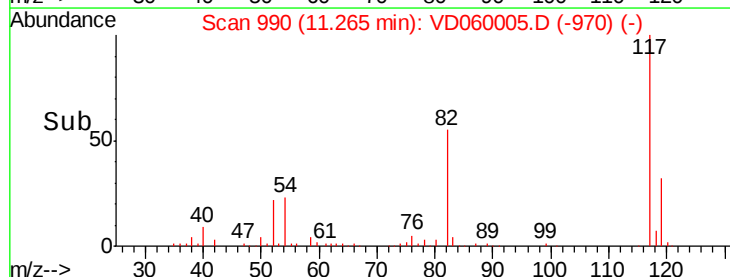
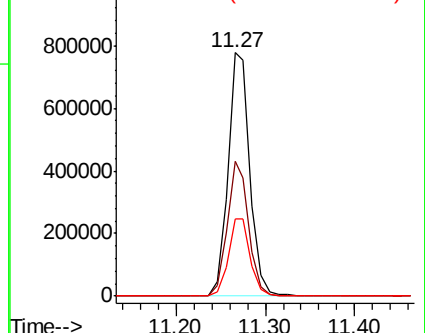
119 31.7 26.0 39.0

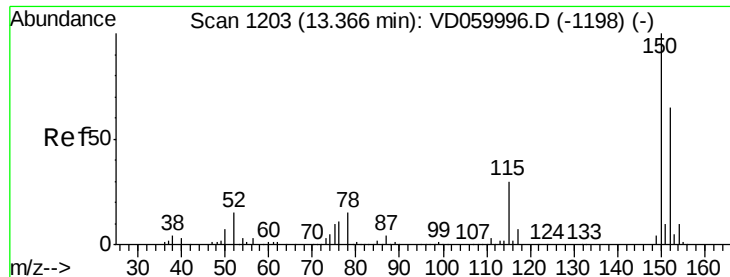


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.36 min Scan# 1203

Delta R.T. -0.00 min

Lab File: VD060005.D

Acq: 14 Sep 2018 12:54

Instrument :

MSVOA_D

ClientSampleId :

TR-04-091118RE

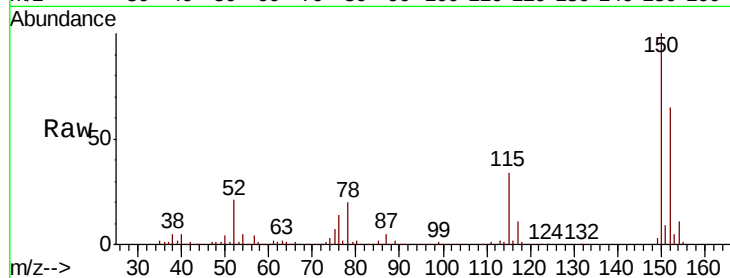
Tot Ion:152 Resp: 534095

Ion Ratio Lower Upper

152 100

115 51.7 24.6 73.8

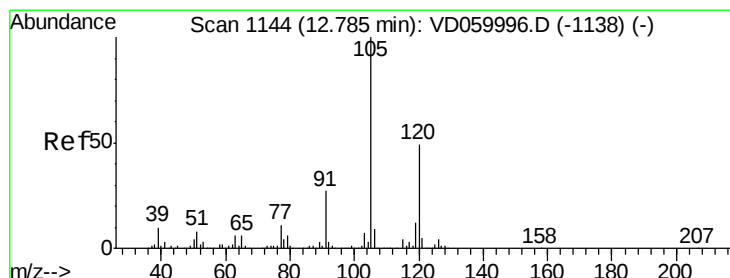
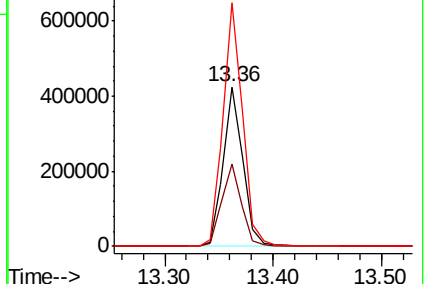
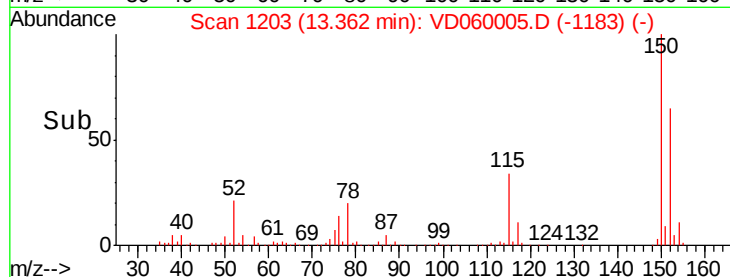
150 152.8 0.0 313.4



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



#80

1,3,5-Trimethylbenzene

Concen: 1.00 ug/l

RT: 12.78 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VD060005.D

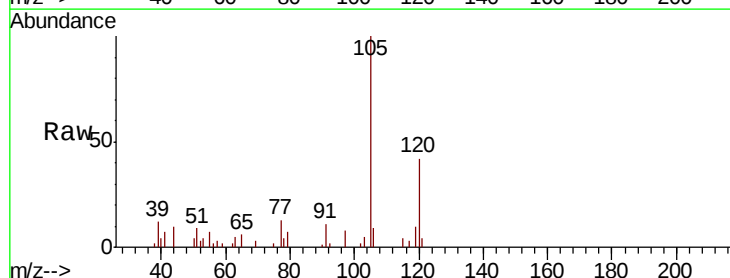
Acq: 14 Sep 2018 12:54

Tgt Ion:105 Resp: 26969

Ion Ratio Lower Upper

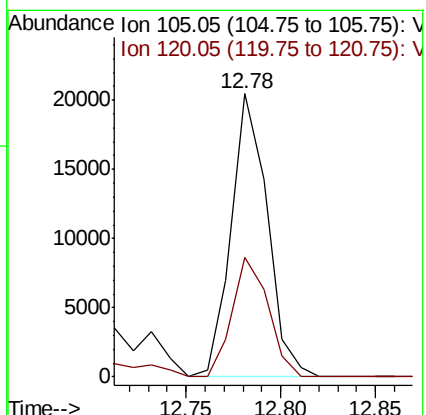
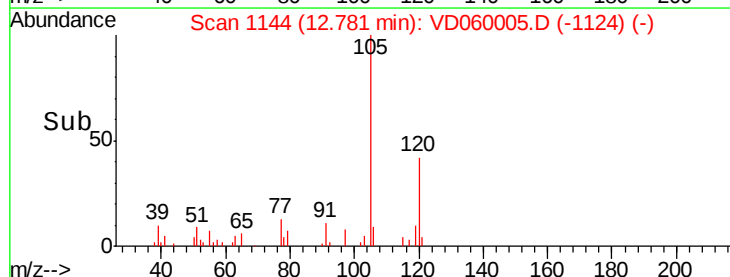
105 100

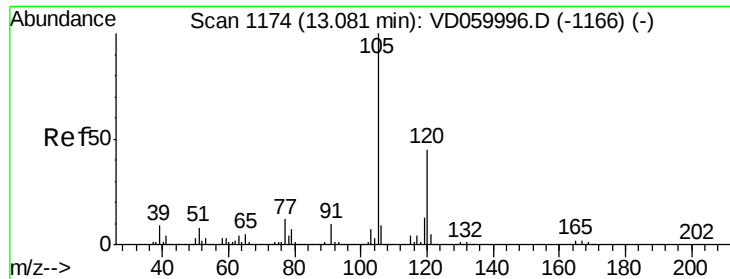
120 42.3 24.4 73.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

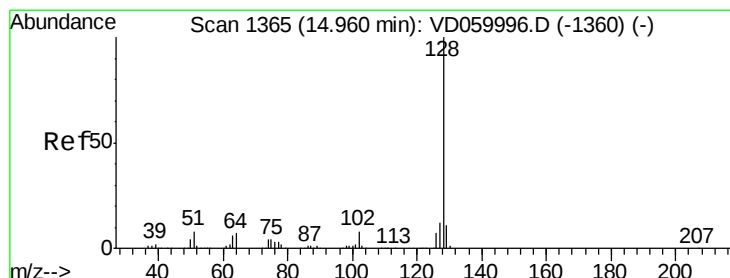
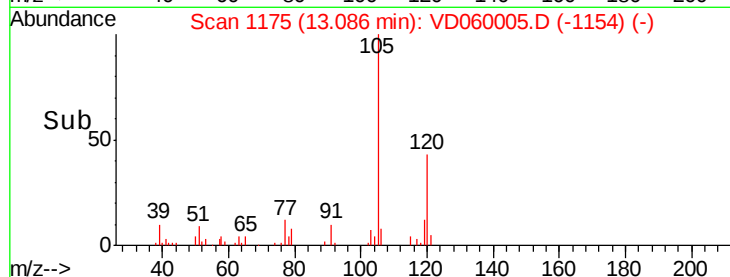
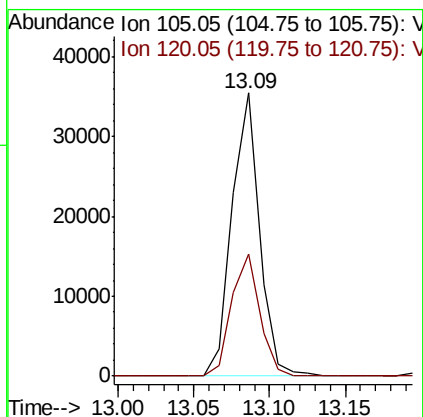
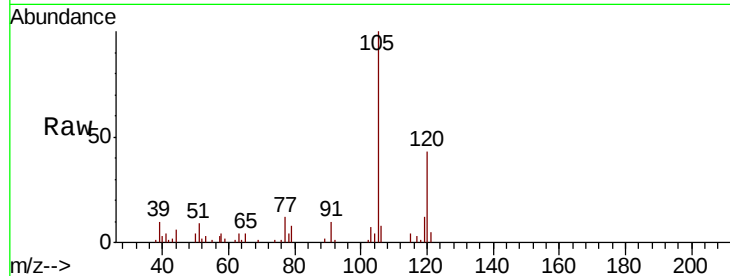




#84
 1,2,4-Trimethylbenzene
 Concen: 1.56 ug/l
 RT: 13.09 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VD060005.D
 Acq: 14 Sep 2018 12:54

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-091118RE

Tot Ion:105 Resp: 44779
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.4 67.0



#95
 Naphthalene
 Concen: 1.32 ug/l
 RT: 14.96 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VD060005.D
 Acq: 14 Sep 2018 12:54

Tgt Ion:128 Resp: 25446
 Ion Ratio Lower Upper
 128 100
 127 13.6 9.7 14.5
 129 10.7 8.9 13.3

