

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122218\
 Data File : VD060701.D
 Acq On : 22 Dec 2018 11:31
 Operator : VA/AP
 Sample : VD1222SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1222SBL01

Quant Time: Dec 24 02:29:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 Response via : Initial Calibration

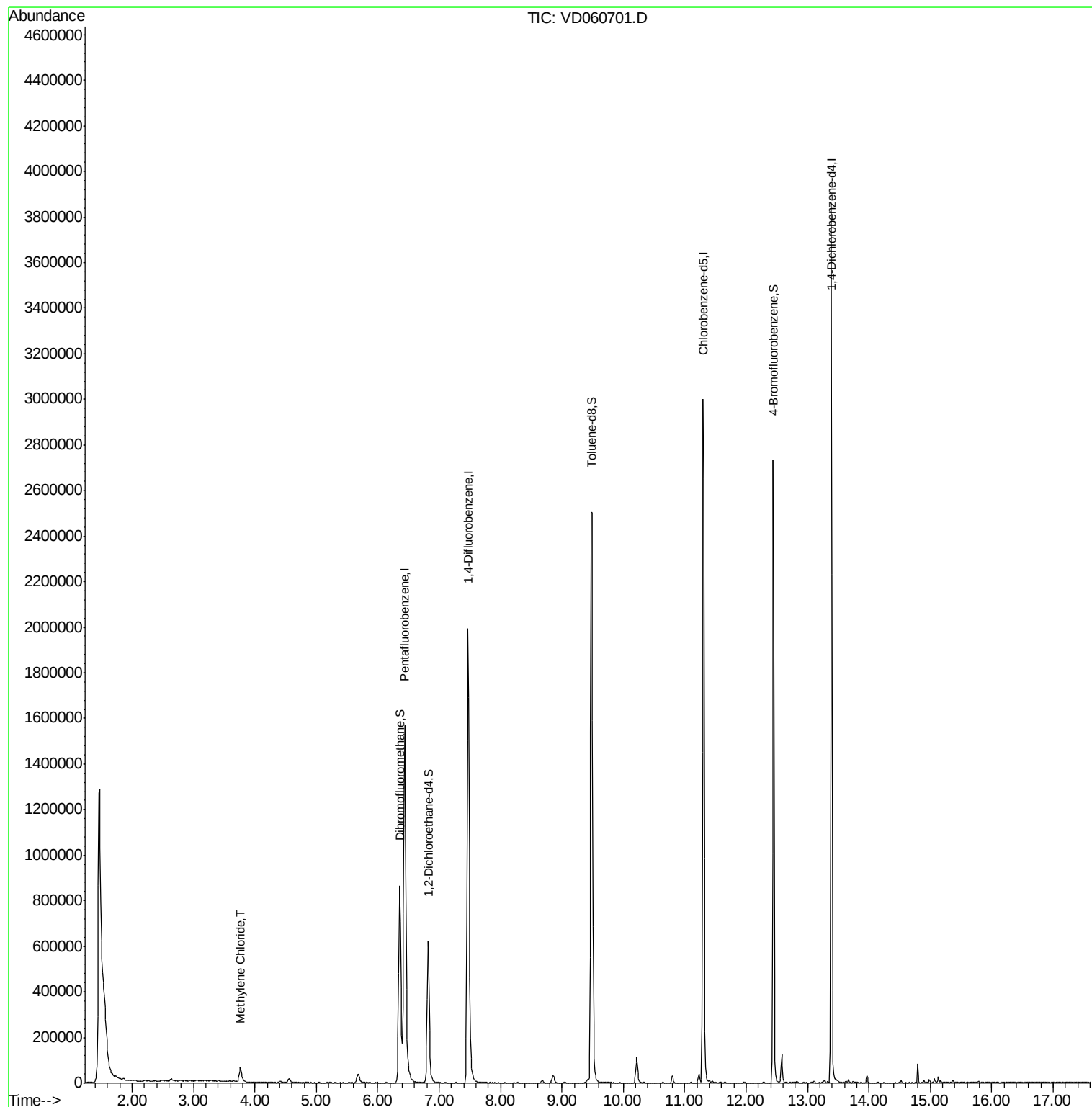
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.44	168	1556287	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.47	114	2121754	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.30	117	1747080	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.39	152	873007	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.82	65	516286	48.00	ug/l	0.03
Spiked Amount 50.000			Recovery	=	96.00%	
35) Dibromofluoromethane	6.36	113	719241	46.31	ug/l	0.03
Spiked Amount 50.000			Recovery	=	92.62%	
50) Toluene-d8	9.49	98	2196685	47.41	ug/l	0.03
Spiked Amount 50.000			Recovery	=	94.82%	
62) 4-Bromofluorobenzene	12.44	95	769528	47.42	ug/l	0.02
Spiked Amount 50.000			Recovery	=	94.84%	
Target Compounds						
20) Methylene Chloride	3.76	84	38383	1.968	ug/l	Qvalue 92

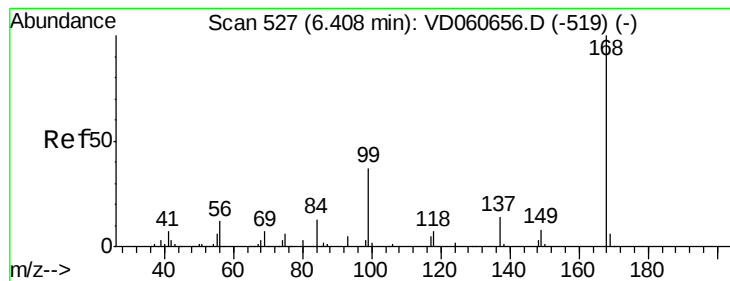
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.44 min Scan# 530

Delta R.T. 0.03 min

Lab File: VD060701.D

Acq: 22 Dec 2018 11:31

Instrument :

MSVOA_D

ClientSampleId :

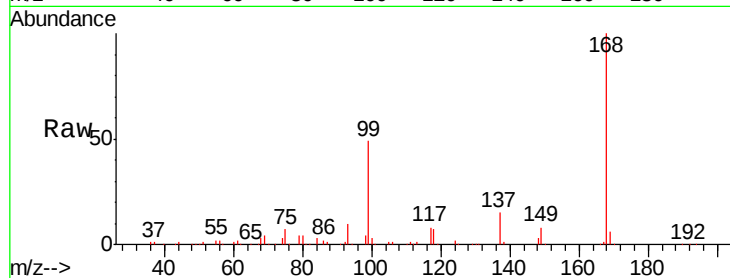
VD1222SBL01

Tgt Ion:168 Resp: 1556287

Ion Ratio Lower Upper

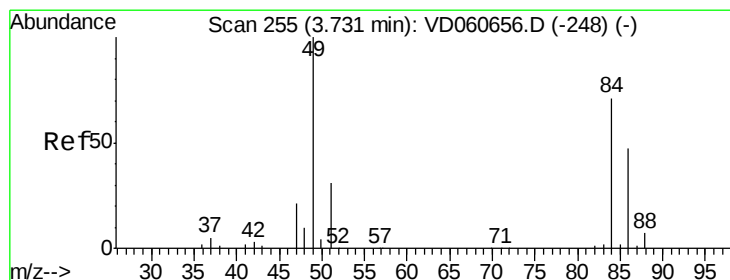
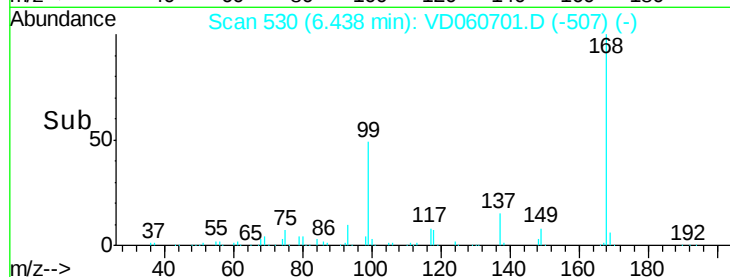
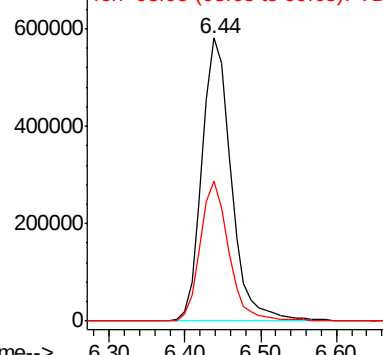
168 100

99 49.3 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 1.968 ug/l

RT: 3.76 min Scan# 258

Delta R.T. 0.03 min

Lab File: VD060701.D

Acq: 22 Dec 2018 11:31

Tgt Ion: 84 Resp: 38383

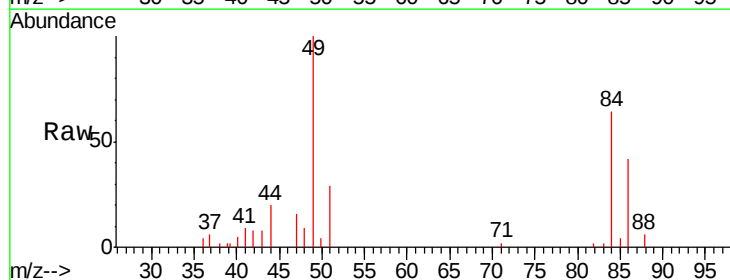
Ion Ratio Lower Upper

84 100

49 156.6 113.6 170.4

51 46.0 34.7 52.1

86 65.0 52.8 79.2

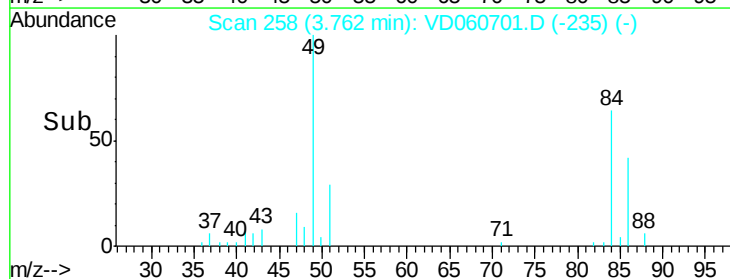
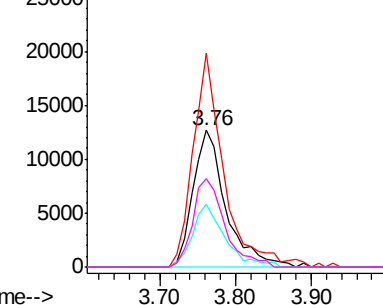


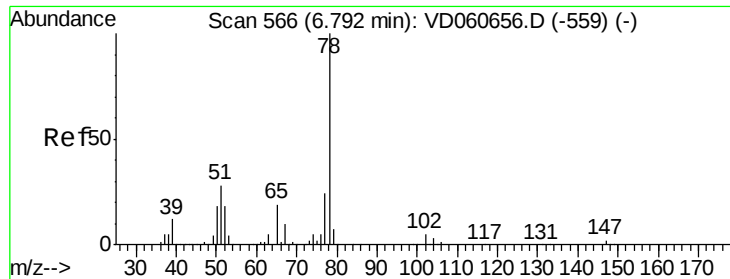
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.82 min Scan# 569

Delta R.T. 0.03 min

Lab File: VD060701.D

Acq: 22 Dec 2018 11:31

Instrument :

MSVOA_D

ClientSampleId :

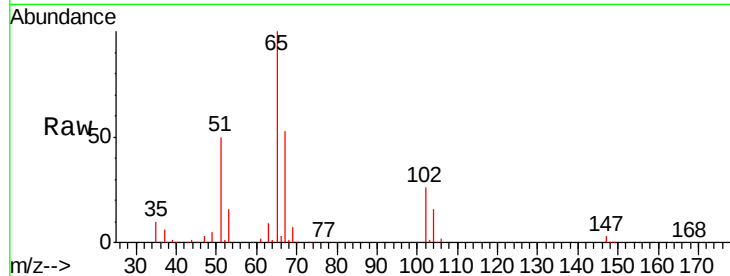
VD1222SBL01

Tgt Ion: 65 Resp: 516286

Ion Ratio Lower Upper

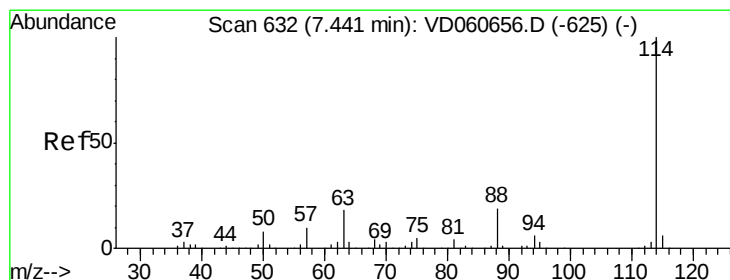
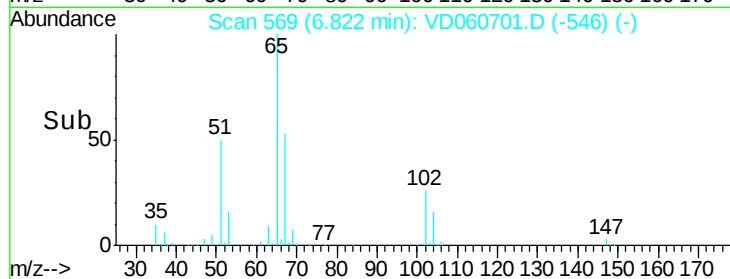
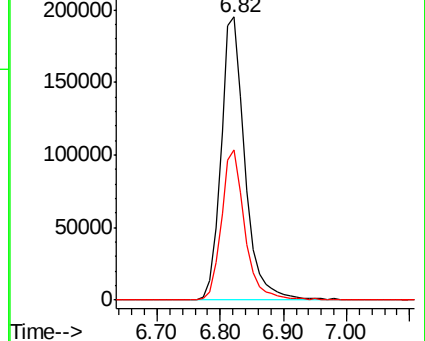
65 100

67 52.9 0.0 105.4



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: 7.47 min Scan# 635

Delta R.T. 0.03 min

Lab File: VD060701.D

Acq: 22 Dec 2018 11:31

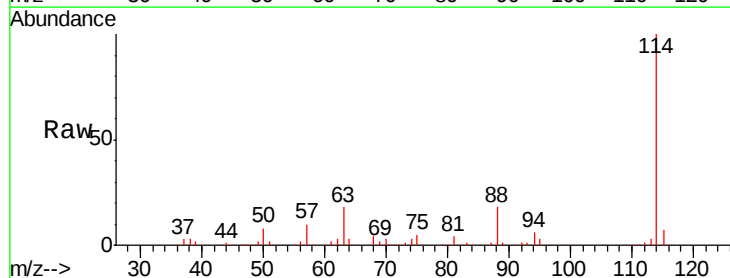
Tgt Ion: 114 Resp: 2121754

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.2

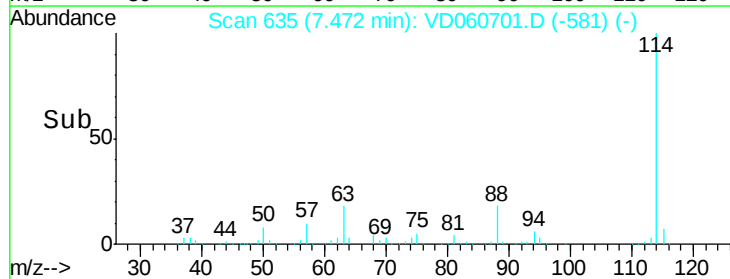
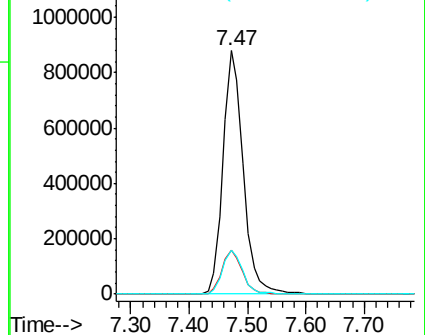
88 18.0 0.0 37.0

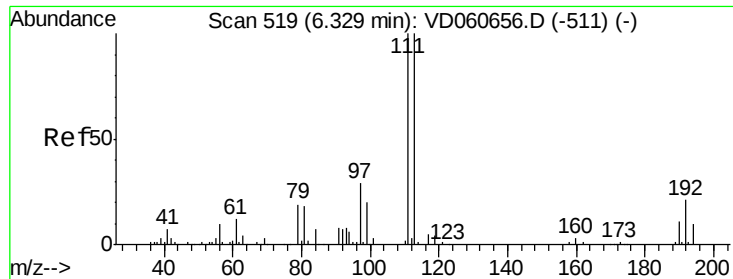


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

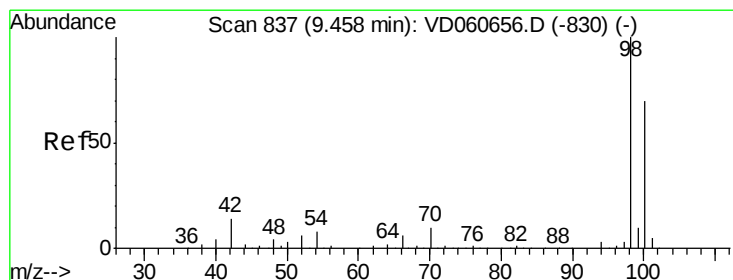
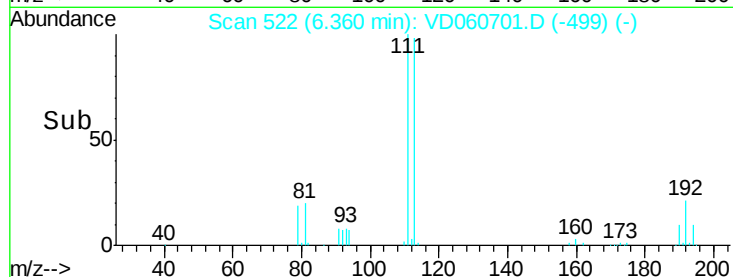
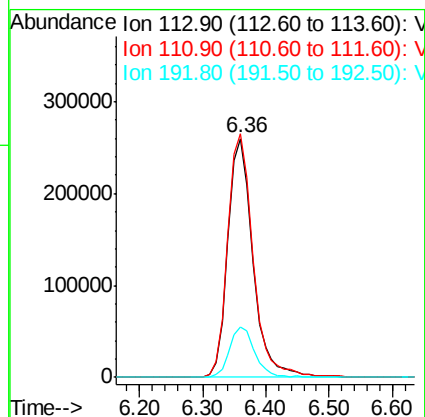
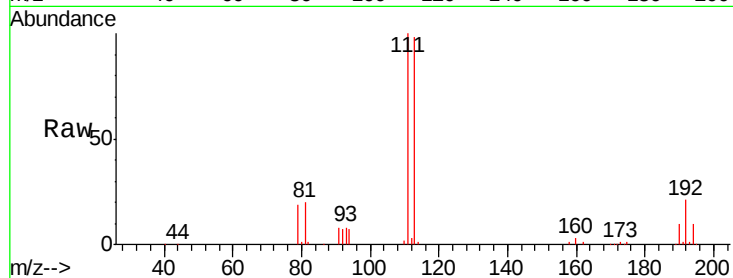




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.36 min Scan# 522
 Delta R.T. 0.03 min
 Lab File: VD060701.D
 Acq: 22 Dec 2018 11:31

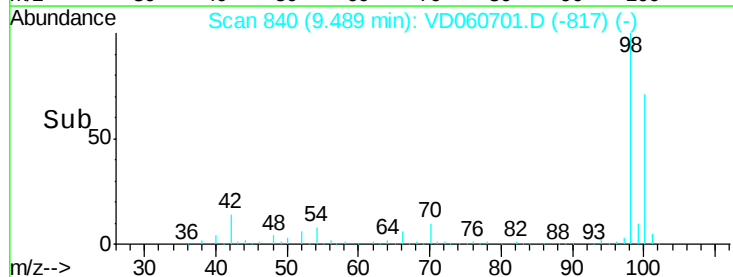
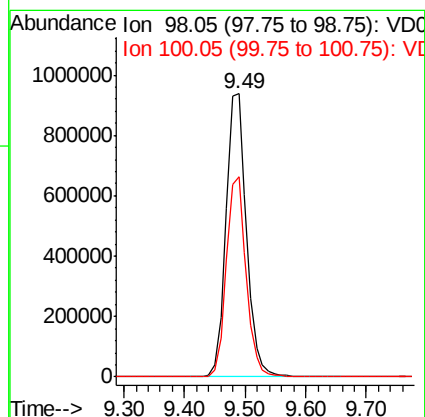
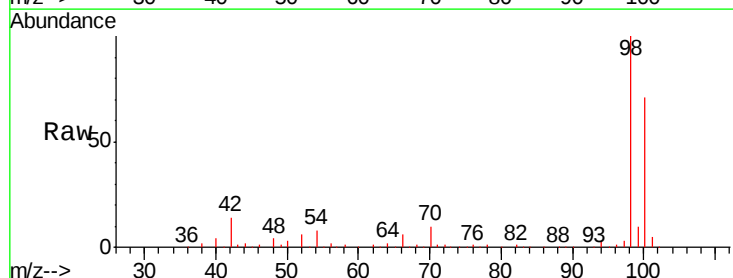
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1222SBL01

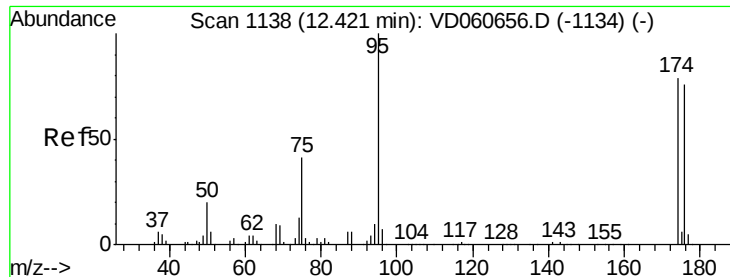
Tgt Ion:113 Resp: 719241
 Ion Ratio Lower Upper
 113 100
 111 101.9 80.0 120.0
 192 21.2 16.6 25.0



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.49 min Scan# 840
 Delta R.T. 0.03 min
 Lab File: VD060701.D
 Acq: 22 Dec 2018 11:31

Tgt Ion: 98 Resp: 2196685
 Ion Ratio Lower Upper
 98 100
 100 70.5 55.8 83.8

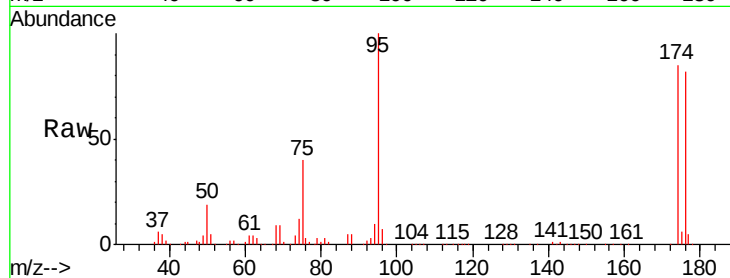




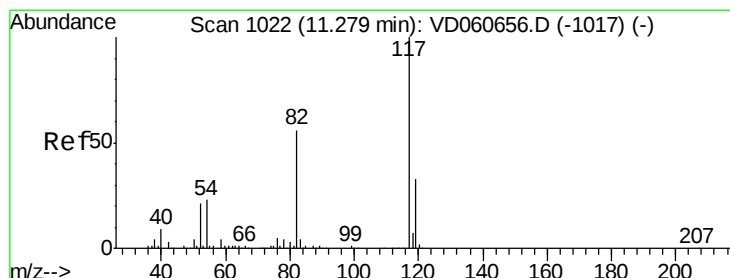
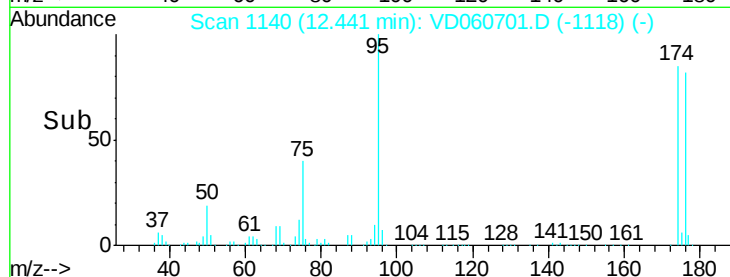
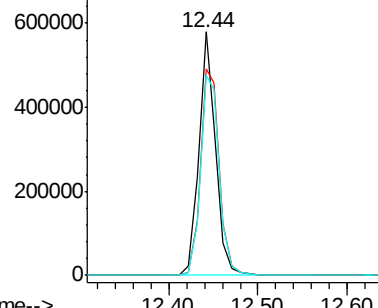
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.44 min Scan# 1140
Delta R.T. 0.02 min
Lab File: VD060701.D
Acq: 22 Dec 2018 11:31

Instrument :
MSVOA_D
ClientSampleId :
VD1222SBL01

Tgt Ion: 95 Resp: 769528
Ion Ratio Lower Upper
95 100
174 84.8 0.0 158.2
176 82.3 0.0 152.4

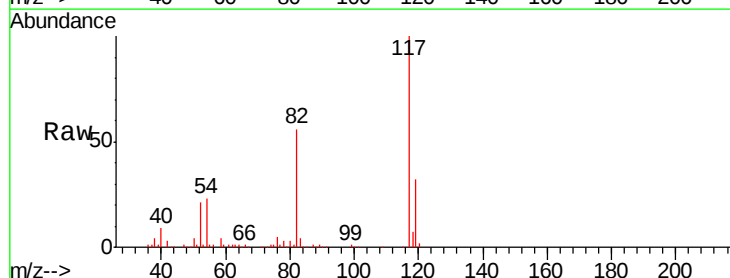


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

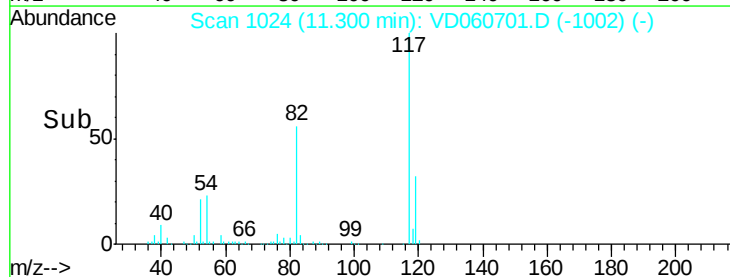
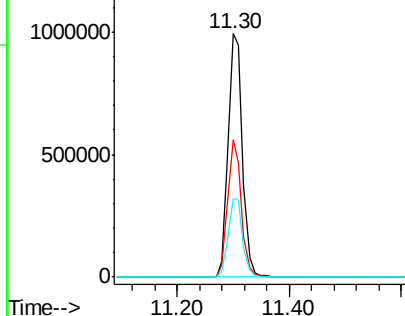


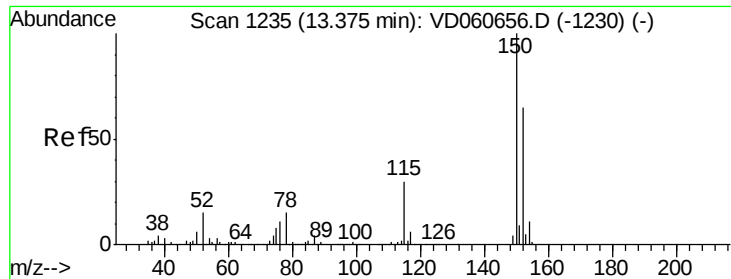
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.30 min Scan# 1024
Delta R.T. 0.02 min
Lab File: VD060701.D
Acq: 22 Dec 2018 11:31

Tgt Ion: 117 Resp: 1747080
Ion Ratio Lower Upper
117 100
82 56.3 44.5 66.7
119 32.3 26.3 39.5



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: 13.39 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VD060701.D

Acq: 22 Dec 2018 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD1222SBL01

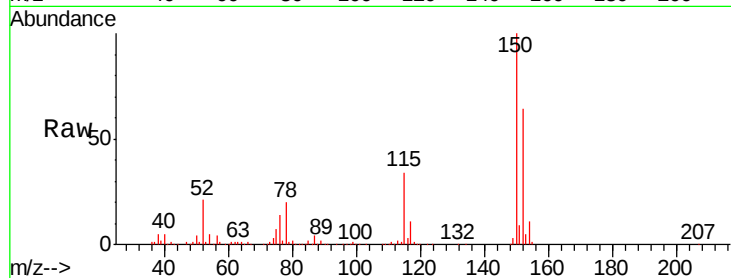
Tgt Ion:152 Resp: 873007

Ion Ratio Lower Upper

152 100

115 53.2 24.1 72.3

150 155.4 0.0 315.0



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

