

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122118\
 Data File : VD060684.D
 Acq On : 21 Dec 2018 15:22
 Operator : VA/AP
 Sample : J6191-03
 Misc : 7.88g/5ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-122018-B

Quant Time: Dec 21 22:34:12 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

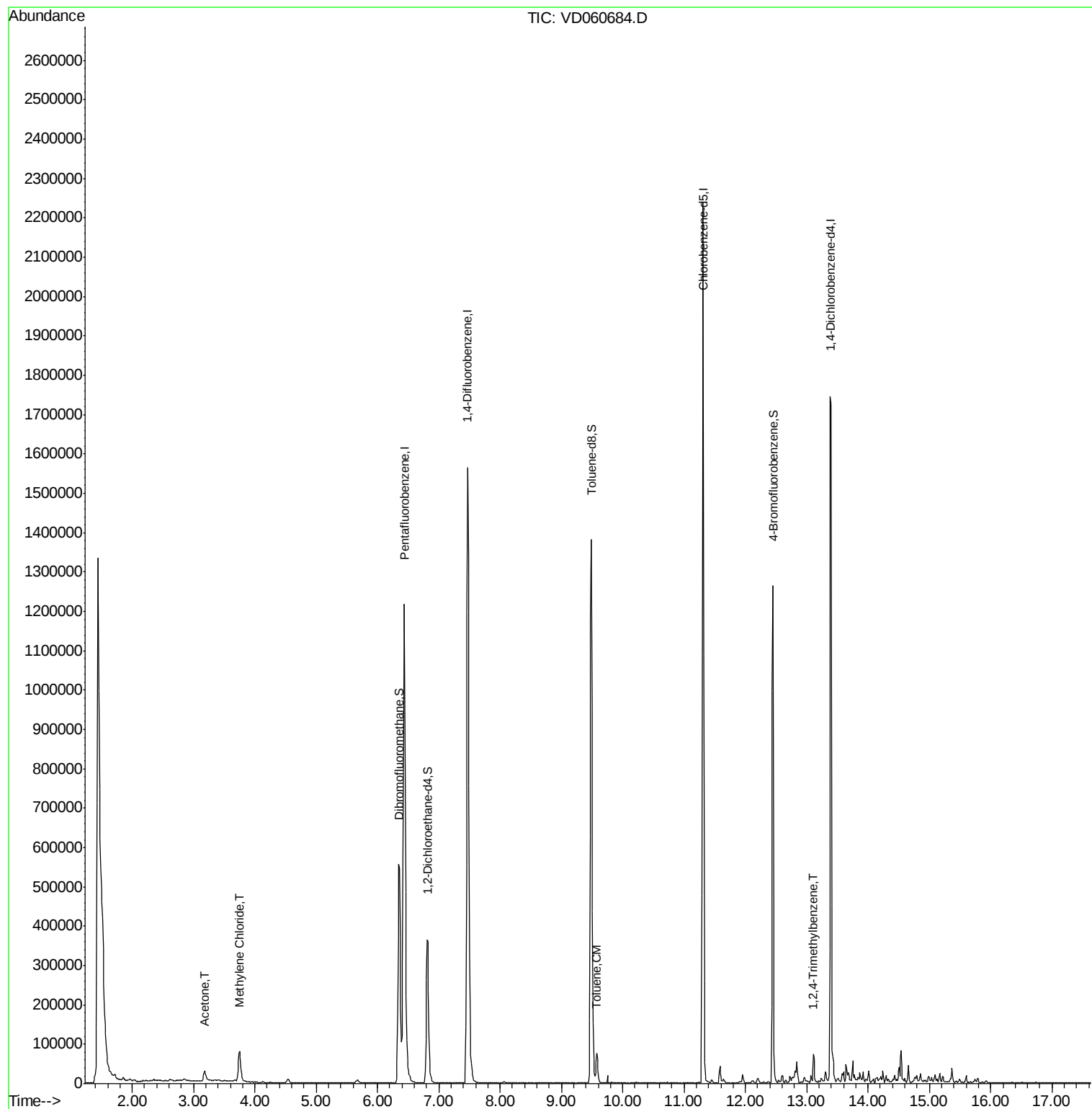
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.44	168	1187674	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.47	114	1643918	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.31	117	1193266	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.39	152	452646	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.81	65	312945	38.13	ug/l	0.02
Spiked Amount 50.000			Recovery	=	76.26%	
35) Dibromofluoromethane	6.35	113	447411	37.18	ug/l	0.02
Spiked Amount 50.000			Recovery	=	74.36%	
50) Toluene-d8	9.49	98	1104503	30.77	ug/l	0.03
Spiked Amount 50.000			Recovery	=	61.54%	
62) 4-Bromofluorobenzene	12.45	95	345497	27.48	ug/l	0.03
Spiked Amount 50.000			Recovery	=	54.96%	
Target Compounds						
16) Acetone	3.18	43	54119	37.757	ug/l	95
20) Methylene Chloride	3.75	84	50452	3.389	ug/l	94
52) Toluene	9.58	92	37120	1.354	ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	32452	1.266	ug/l	93

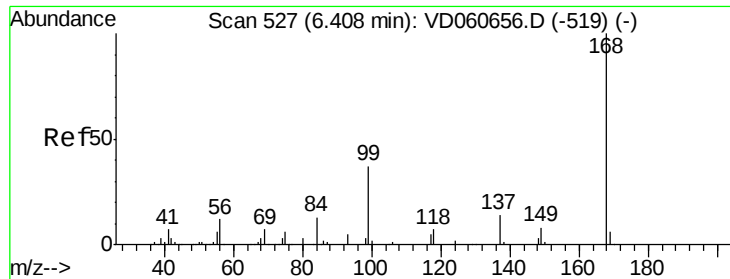
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD122118\
Data File : VD060684.D
Acq On : 21 Dec 2018 15:22
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NB-07-122018-B

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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: VD060684.D

Acq: 21 Dec 2018 15:22

Instrument :

MSVOA_D

ClientSampleId :

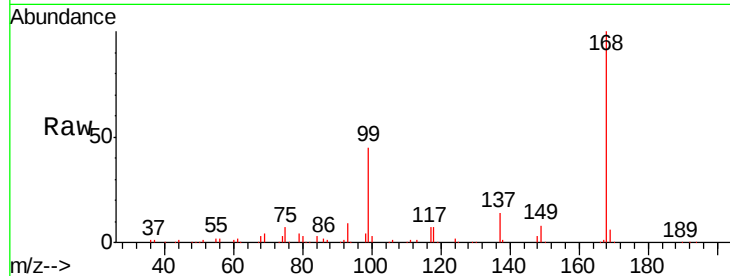
NB-07-122018-B

Tgt Ion:168 Resp: 1187674

Ion Ratio Lower Upper

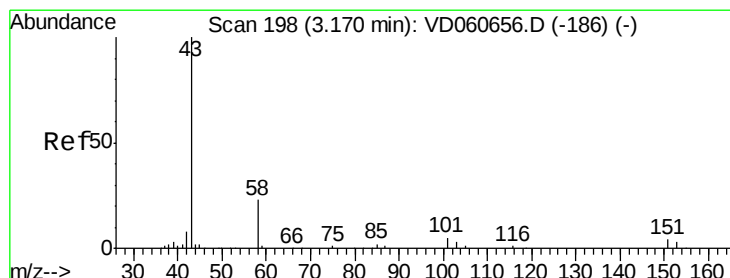
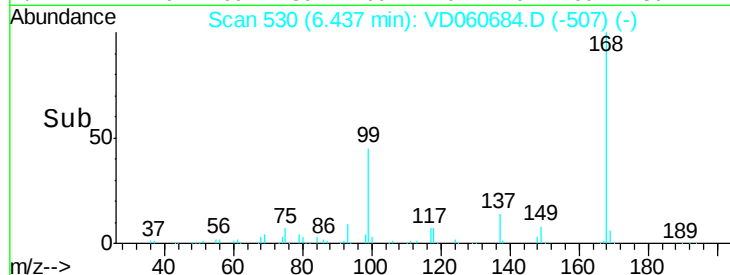
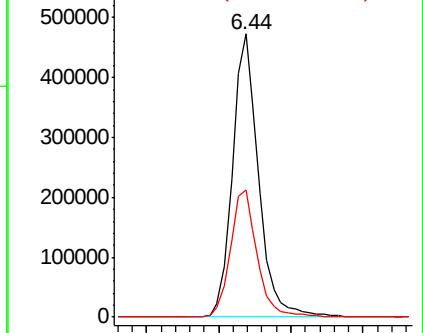
168 100

99 45.1 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 37.757 ug/l

RT: 3.18 min Scan# 199

Delta R.T. 0.01 min

Lab File: VD060684.D

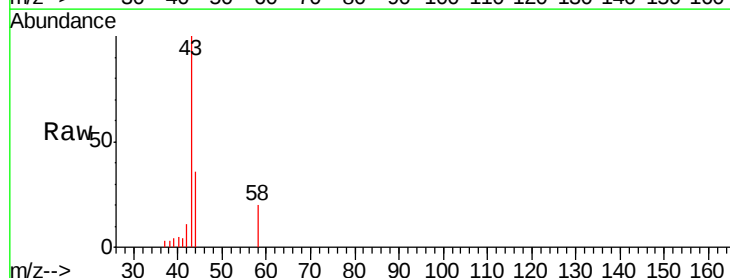
Acq: 21 Dec 2018 15:22

Tgt Ion: 43 Resp: 54119

Ion Ratio Lower Upper

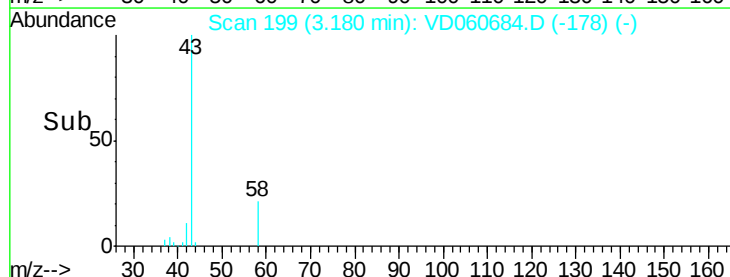
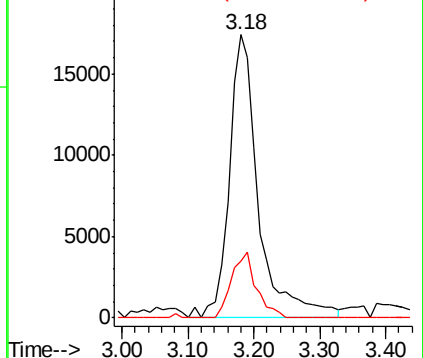
43 100

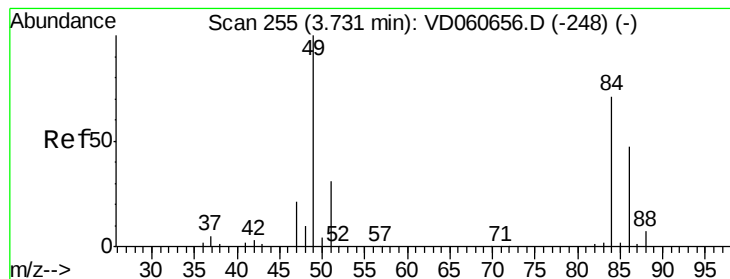
58 20.1 18.2 27.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 3.389 ug/l

RT: 3.75 min Scan# 257

Delta R.T. 0.02 min

Lab File: VD060684.D

Acq: 21 Dec 2018 15:22

Instrument :

MSVOA_D

ClientSampleId :

NB-07-122018-B

Tgt Ion: 84 Resp: 50452

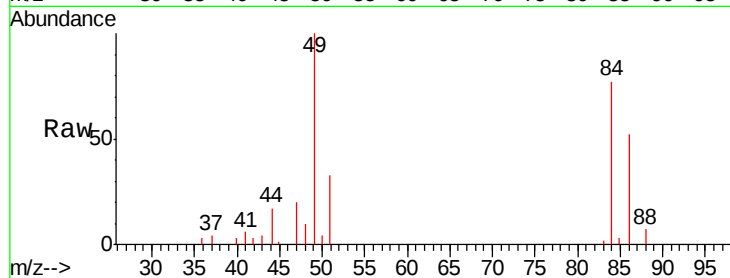
Ion Ratio Lower Upper

84 100

49 129.9 113.6 170.4

51 42.3 34.7 52.1

86 67.8 52.8 79.2

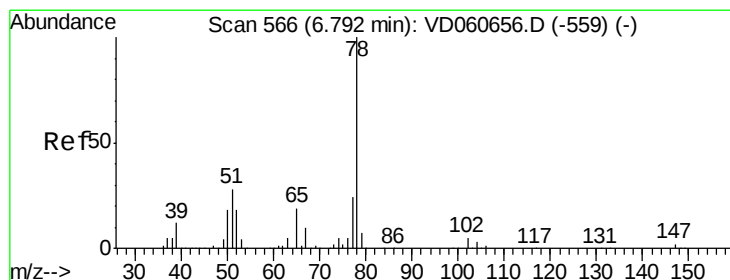
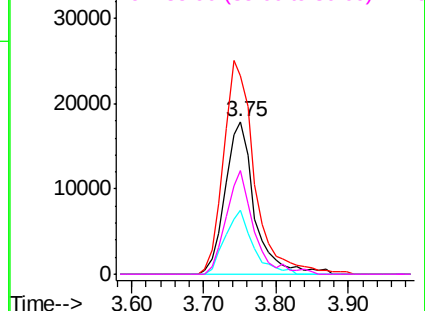
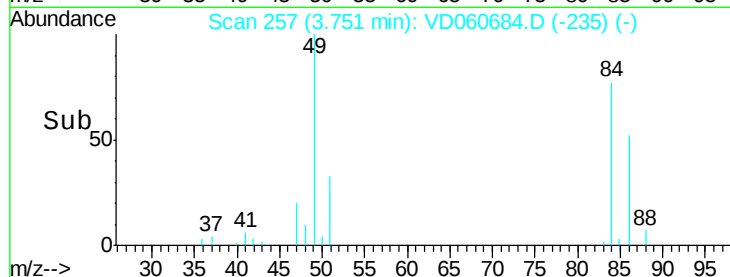


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 6.81 min Scan# 568

Delta R.T. 0.02 min

Lab File: VD060684.D

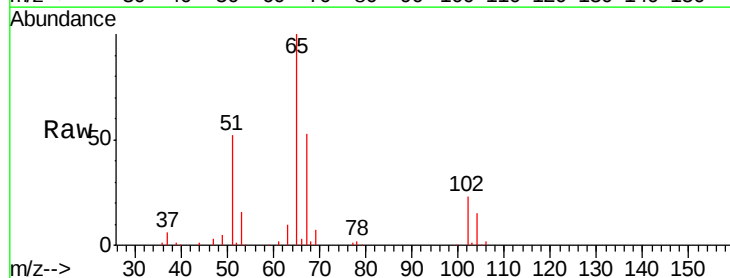
Acq: 21 Dec 2018 15:22

Tgt Ion: 65 Resp: 312945

Ion Ratio Lower Upper

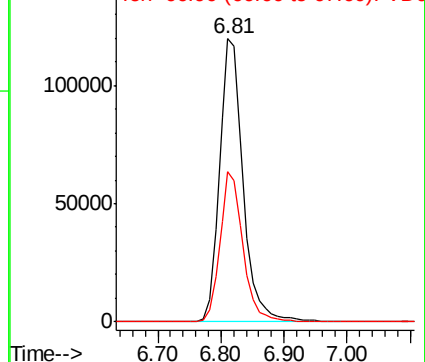
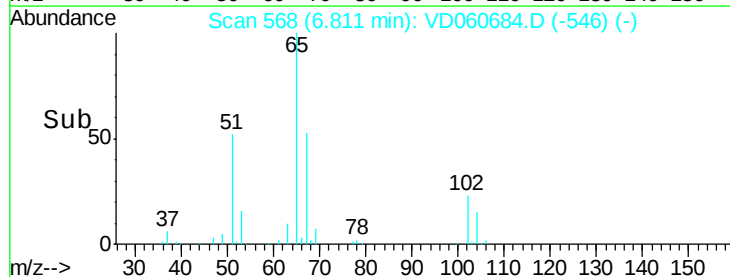
65 100

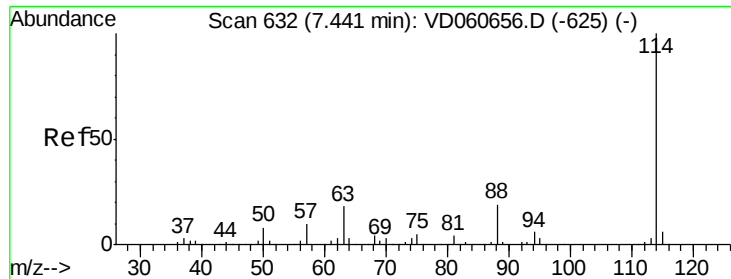
67 53.2 0.0 105.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

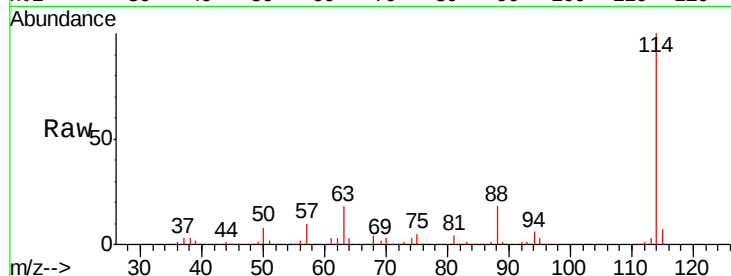




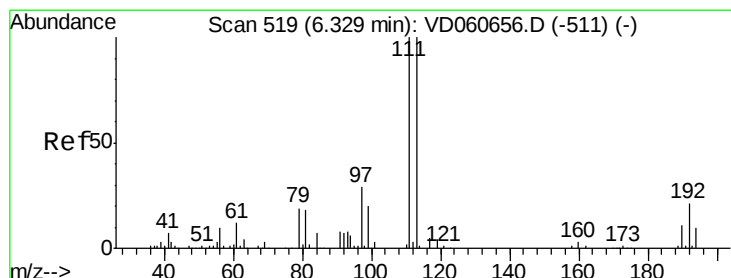
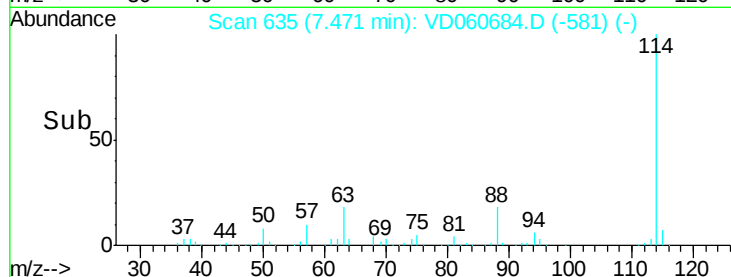
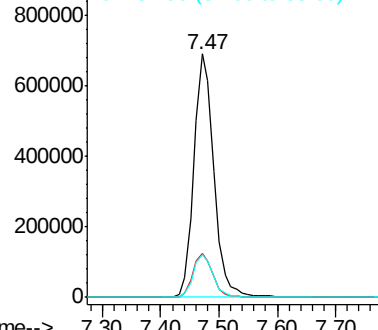
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.47 min Scan# 635
 Delta R.T. 0.03 min
 Lab File: VD060684.D
 Acq: 21 Dec 2018 15:22

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-122018-B

Tgt Ion:114 Resp: 1643918
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.2
 88 17.6 0.0 37.0

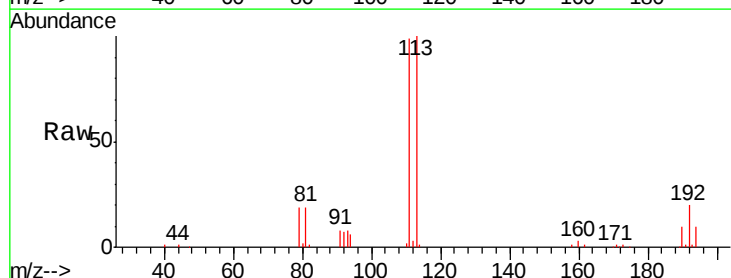


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VD
 Ion 87.90 (87.60 to 88.60): VD

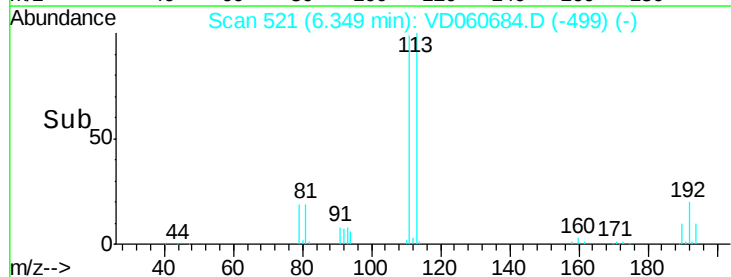
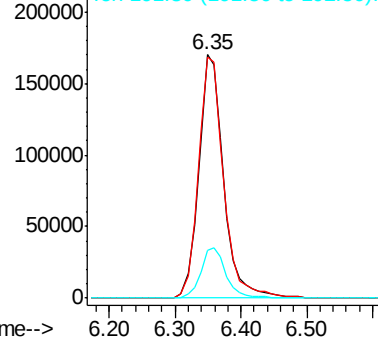


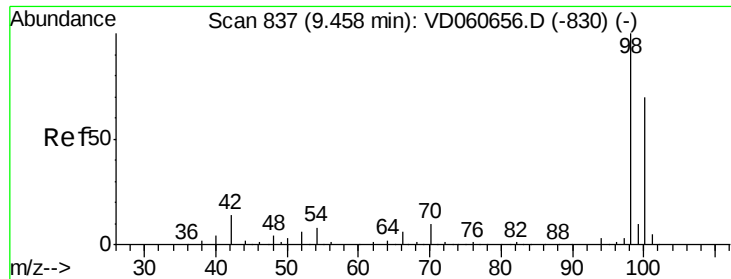
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.35 min Scan# 521
 Delta R.T. 0.02 min
 Lab File: VD060684.D
 Acq: 21 Dec 2018 15:22

Tgt Ion:113 Resp: 447411
 Ion Ratio Lower Upper
 113 100
 111 99.0 80.0 120.0
 192 19.5 16.6 25.0



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

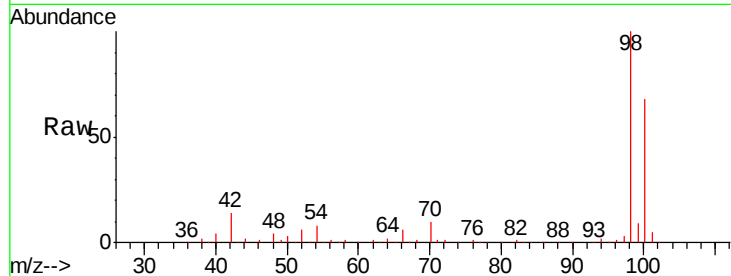




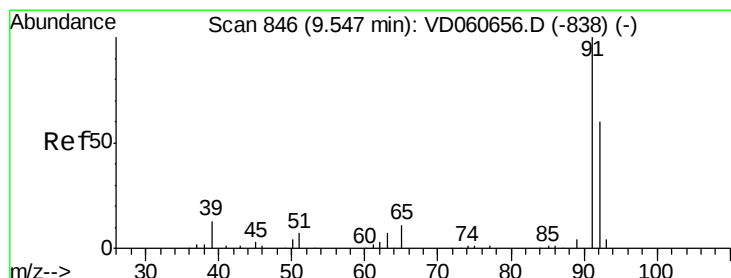
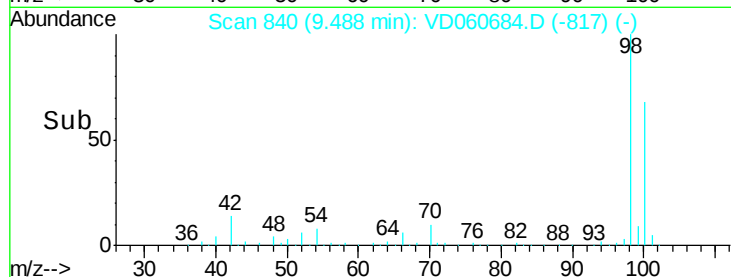
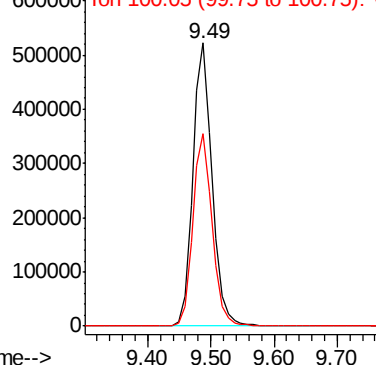
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.49 min Scan# 840
Delta R.T. 0.03 min
Lab File: VD060684.D
Acq: 21 Dec 2018 15:22

Instrument :
MSVOA_D
ClientSampleId :
NB-07-122018-B

Tgt Ion: 98 Resp: 1104503
Ion Ratio Lower Upper
98 100
100 68.2 55.8 83.8

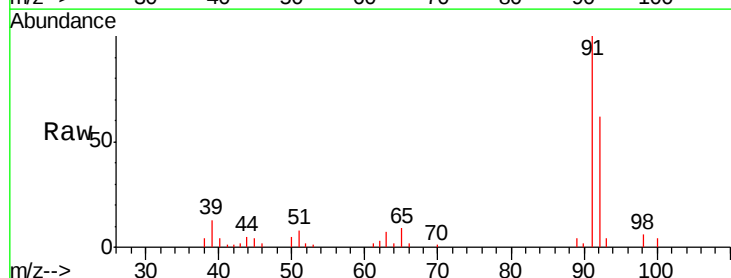


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

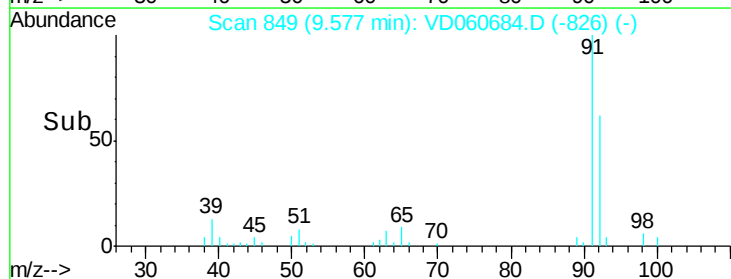
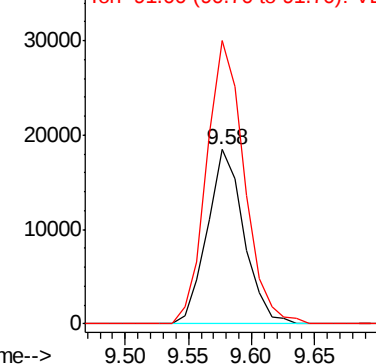


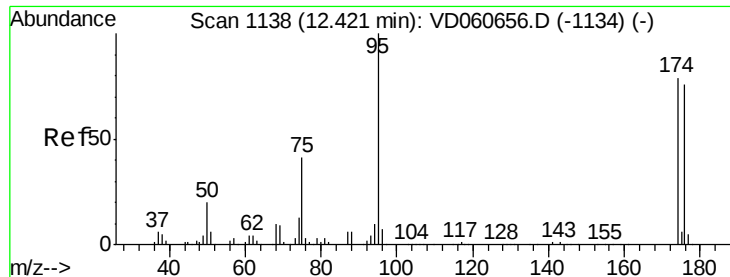
#52
Toluene
Concen: 1.354 ug/l
RT: 9.58 min Scan# 849
Delta R.T. 0.03 min
Lab File: VD060684.D
Acq: 21 Dec 2018 15:22

Tgt Ion: 92 Resp: 37120
Ion Ratio Lower Upper
92 100
91 162.6 132.6 199.0



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.45 min Scan# 1141

Delta R.T. 0.03 min

Lab File: VD060684.D

Acq: 21 Dec 2018 15:22

Instrument :

MSVOA_D

ClientSampleId :

NB-07-122018-B

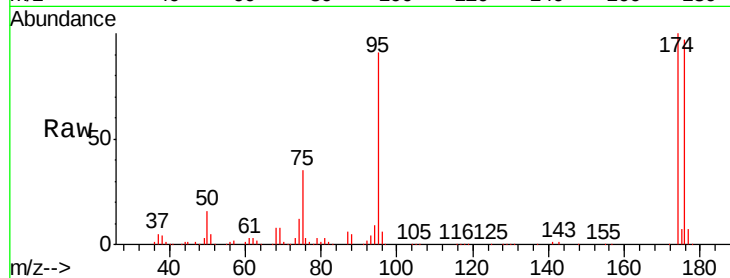
Tgt Ion: 95 Resp: 345497

Ion Ratio Lower Upper

95 100

174 110.2 0.0 158.2

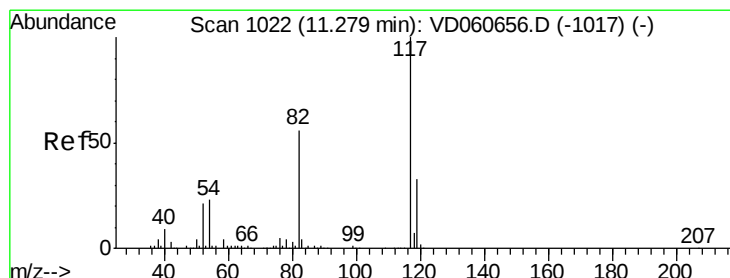
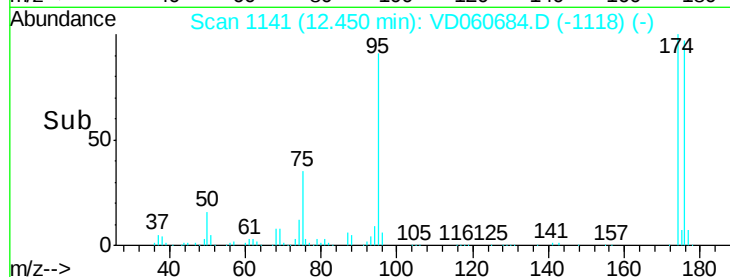
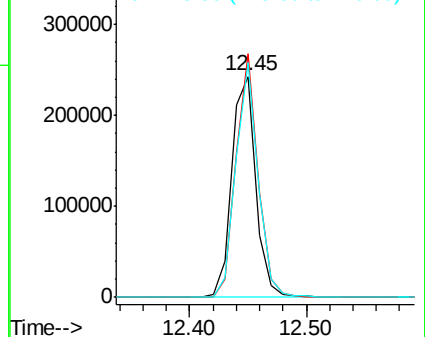
176 106.5 0.0 152.4



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: 11.31 min Scan# 1025

Delta R.T. 0.03 min

Lab File: VD060684.D

Acq: 21 Dec 2018 15:22

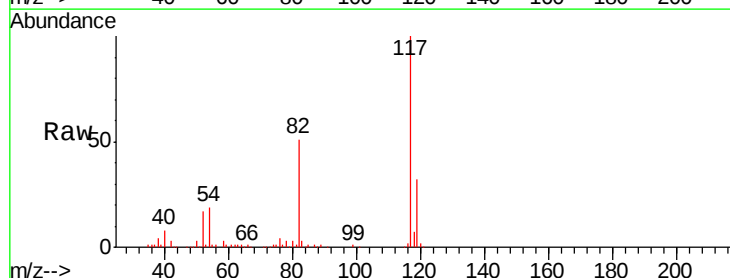
Tgt Ion: 117 Resp: 1193266

Ion Ratio Lower Upper

117 100

82 51.3 44.5 66.7

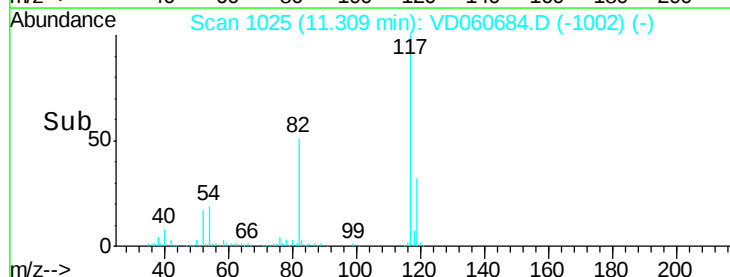
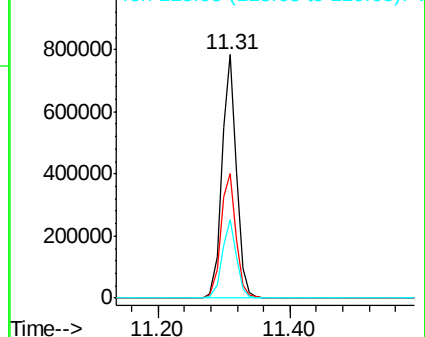
119 32.3 26.3 39.5

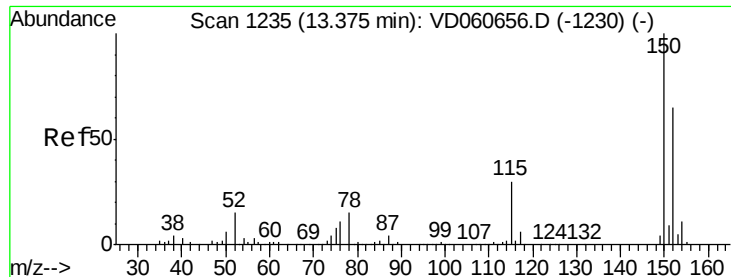


Abundance Ion 116.95 (116.65 to 117.65): V

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# 1237

Delta R.T. 0.02 min

Lab File: VD060684.D

Acq: 21 Dec 2018 15:22

Instrument :

MSVOA_D

ClientSampleId :

NB-07-122018-B

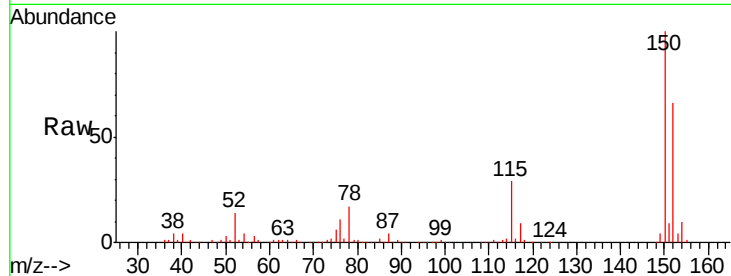
Tgt Ion:152 Resp: 452646

Ion Ratio Lower Upper

152 100

115 44.7 24.1 72.3

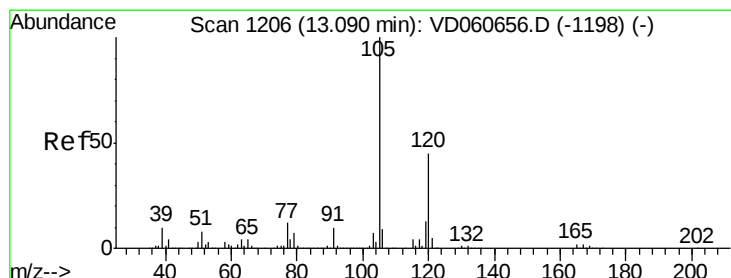
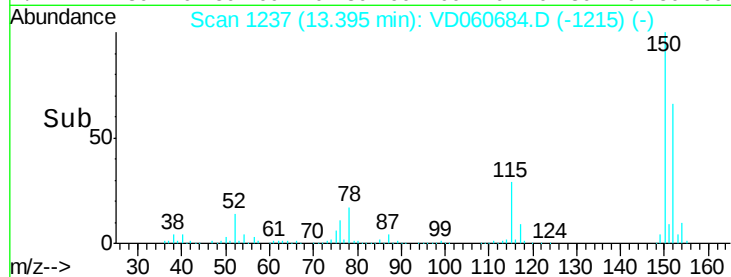
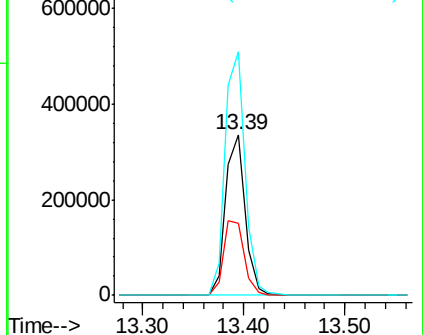
150 151.7 0.0 315.0



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



#84

1,2,4-Trimethylbenzene

Concen: 1.266 ug/l

RT: 13.11 min Scan# 1208

Delta R.T. 0.02 min

Lab File: VD060684.D

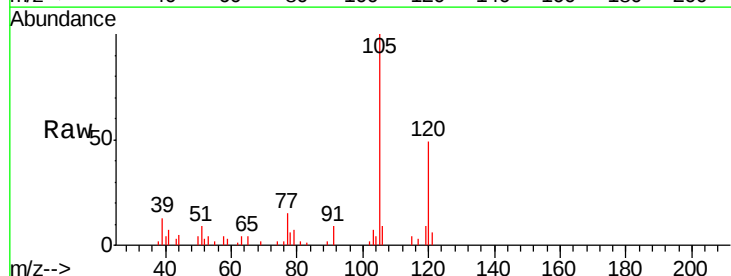
Acq: 21 Dec 2018 15:22

Tgt Ion:105 Resp: 32452

Ion Ratio Lower Upper

105 100

120 49.1 22.4 67.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

