

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122218\
 Data File : VD060706.D
 Acq On : 22 Dec 2018 14:01
 Operator : VA/AP
 Sample : J6525-03RE
 Misc : 3.07g/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-3(5)RE

Quant Time: Dec 24 02:38:42 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

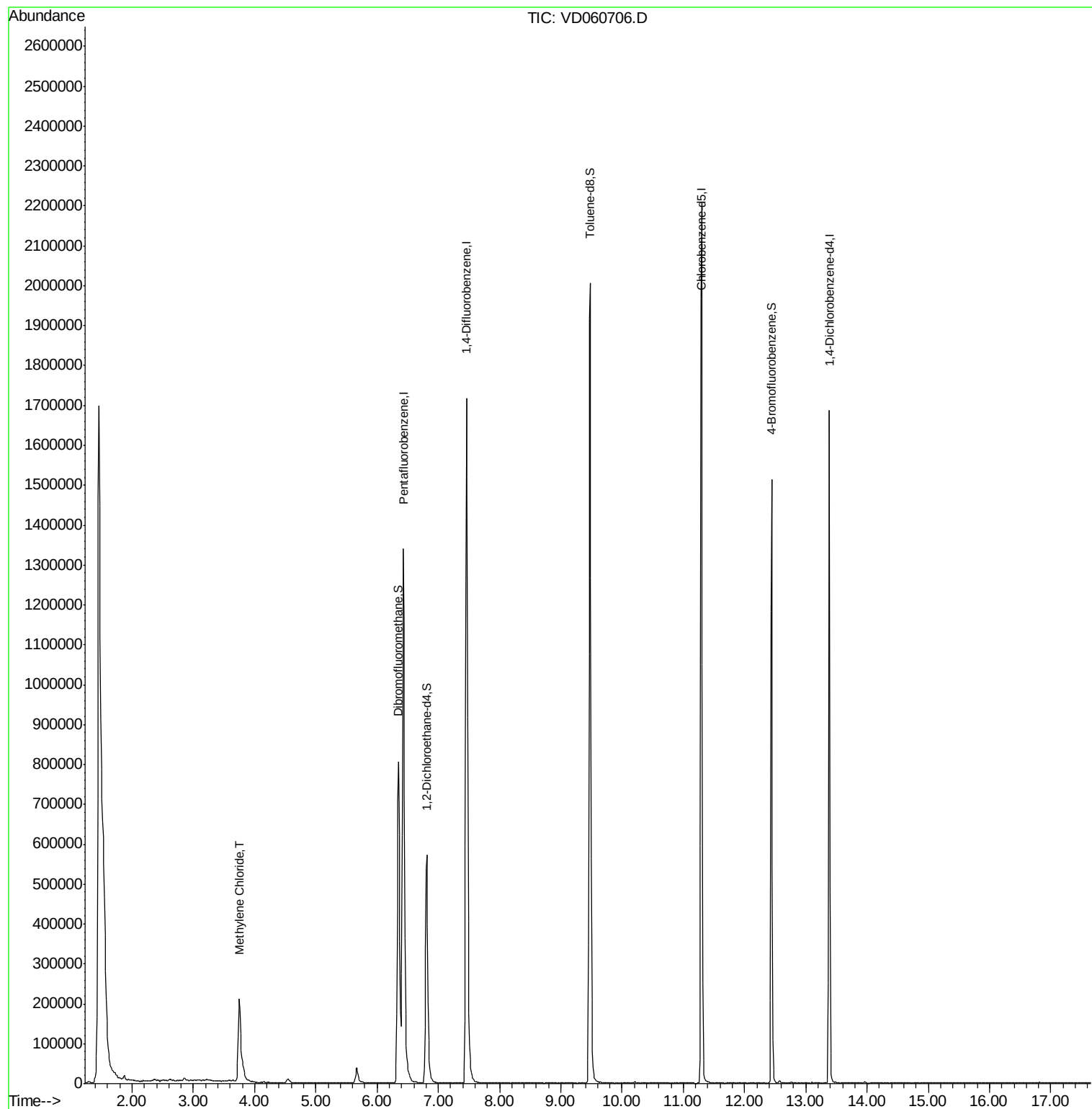
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.43	168	1350317	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.46	114	1850498	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.30	117	1235660	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.39	152	420656	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.81	65	499460	53.52	ug/l	0.02
Spiked Amount 50.000			Recovery	=	107.04%	
35) Dibromofluoromethane	6.35	113	641489	47.36	ug/l	0.02
Spiked Amount 50.000			Recovery	=	94.72%	
50) Toluene-d8	9.48	98	1675952	41.47	ug/l	0.02
Spiked Amount 50.000			Recovery	=	82.94%	
62) 4-Bromofluorobenzene	12.44	95	433811	30.65	ug/l	0.02
Spiked Amount 50.000			Recovery	=	61.30%	
Target Compounds						
20) Methylene Chloride	3.75	84	141611	8.367	ug/l	Qvalue 96

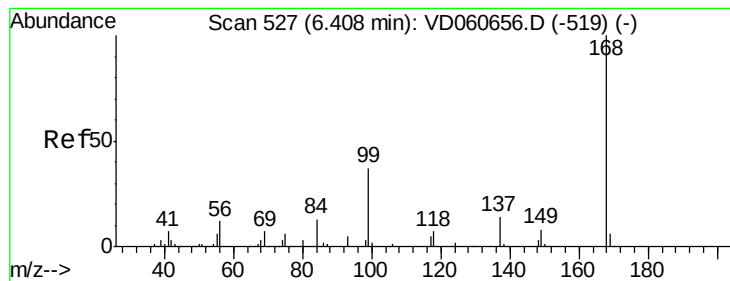
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD122218\
Data File : VD060706.D
Acq On : 22 Dec 2018 14:01
Operator : VA/AP
Sample : J6525-03RE
Misc : 3.07g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S-3(5)RE

Quant Time: Dec 24 02:38:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
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: 6.43 min Scan# 529

Delta R.T. 0.02 min

Lab File: VD060706.D

Acq: 22 Dec 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

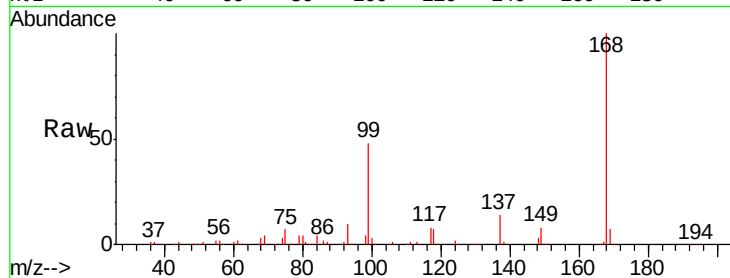
S-3(5)RE

Tgt Ion:168 Resp: 1350317

Ion Ratio Lower Upper

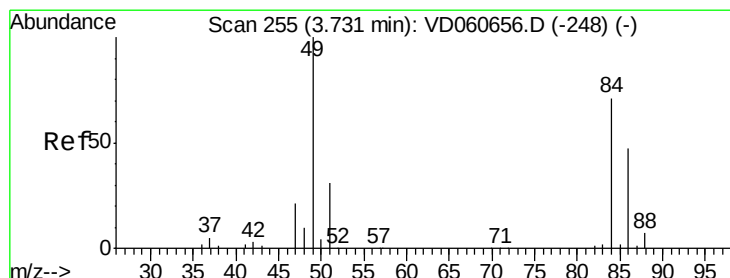
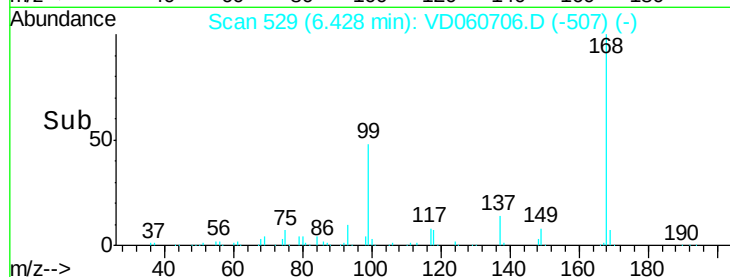
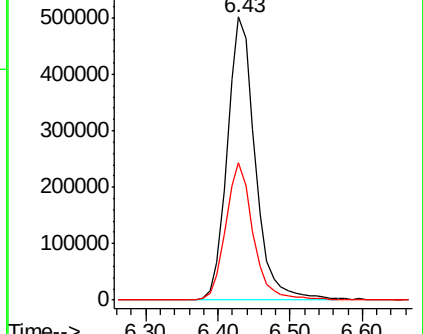
168 100

99 48.5 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: 8.367 ug/l

RT: 3.75 min Scan# 257

Delta R.T. 0.02 min

Lab File: VD060706.D

Acq: 22 Dec 2018 14:01

Tgt Ion: 84 Resp: 141611

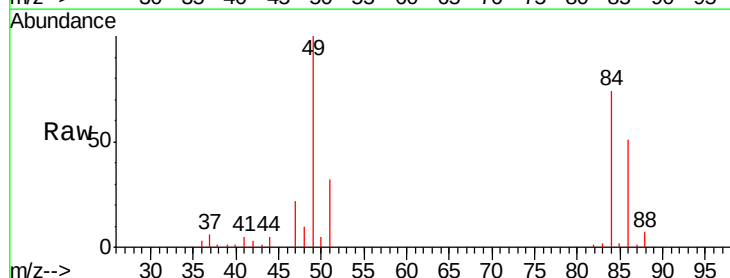
Ion Ratio Lower Upper

84 100

49 135.5 113.6 170.4

51 44.0 34.7 52.1

86 69.0 52.8 79.2

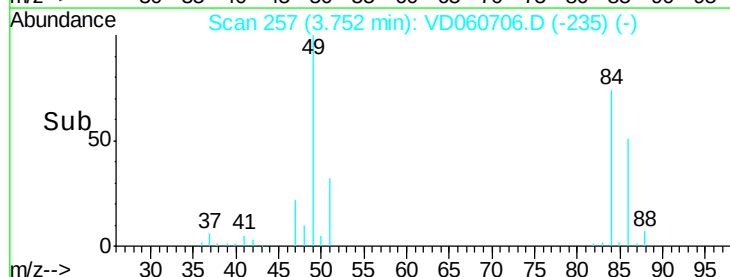
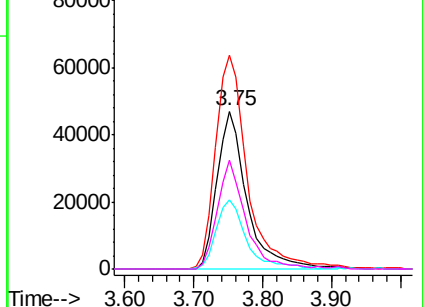


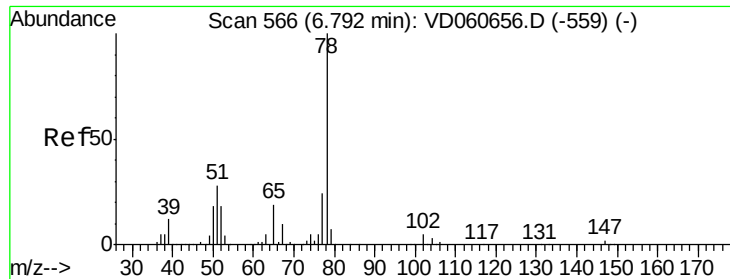
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

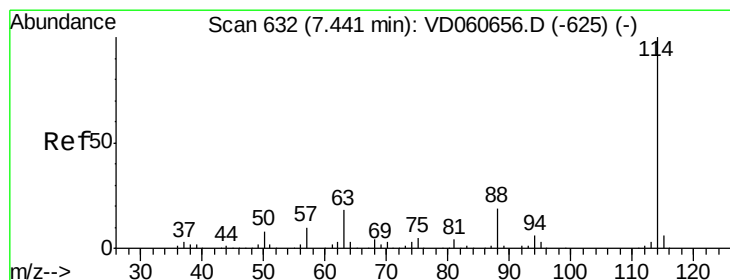
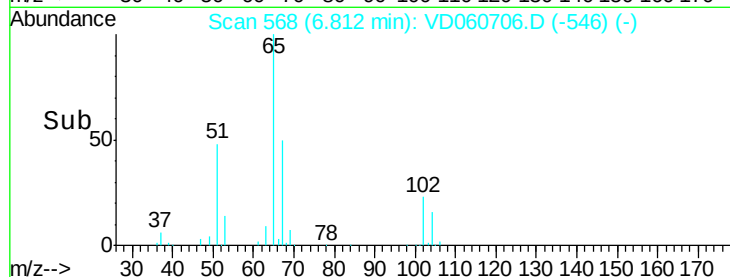
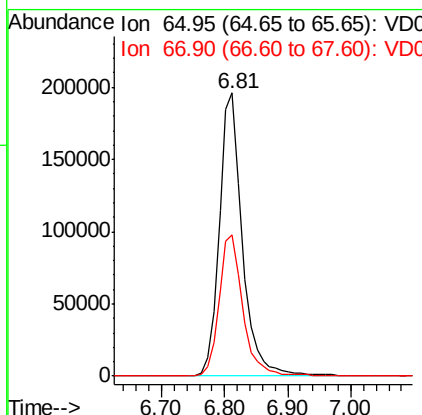
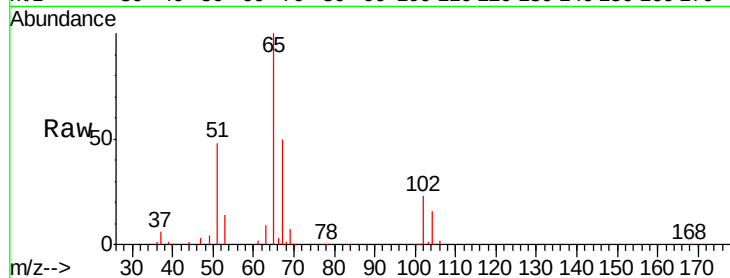




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.81 min Scan# 568
 Delta R.T. 0.02 min
 Lab File: VD060706.D
 Acq: 22 Dec 2018 14:01

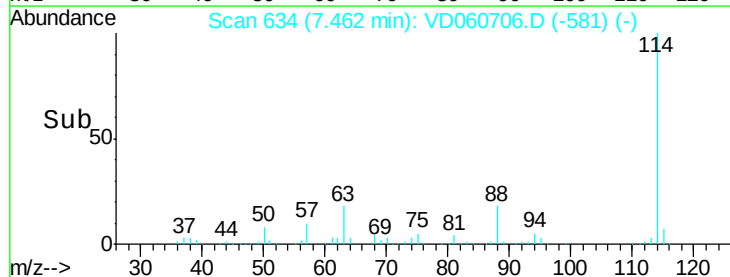
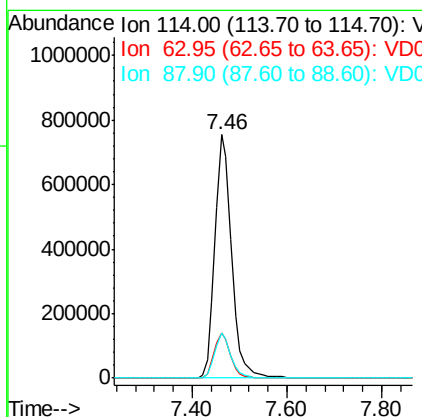
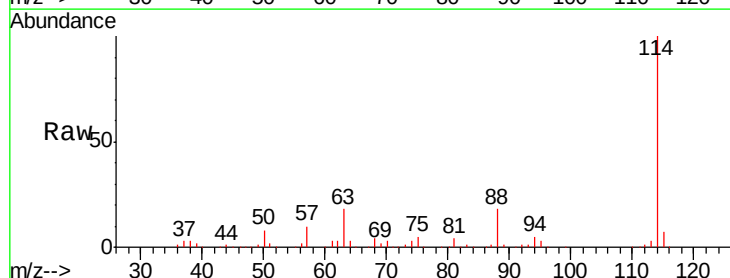
Instrument :
 MSVOA_D
 ClientSampleId :
 S-3(5)RE

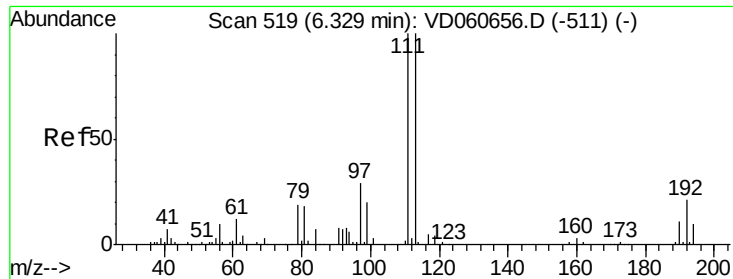
Tgt Ion: 65 Resp: 499460
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.46 min Scan# 634
 Delta R.T. 0.02 min
 Lab File: VD060706.D
 Acq: 22 Dec 2018 14:01

Tgt Ion: 114 Resp: 1850498
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.2
 88 18.3 0.0 37.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.35 min Scan# 521

Delta R.T. 0.02 min

Lab File: VD060706.D

Acq: 22 Dec 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

S-3(5)RE

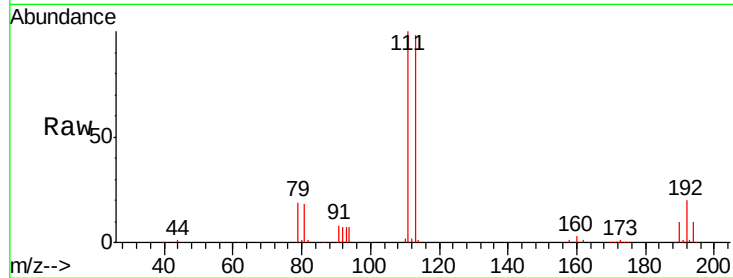
Tgt Ion:113 Resp: 641489

Ion Ratio Lower Upper

113 100

111 102.2 80.0 120.0

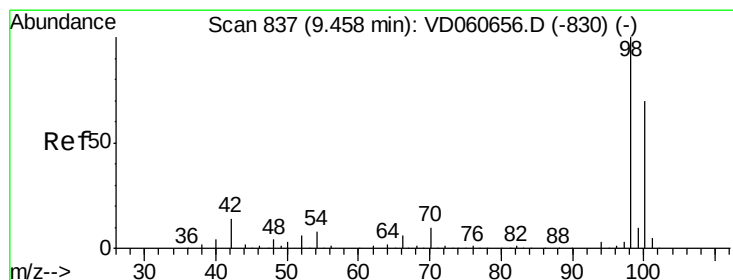
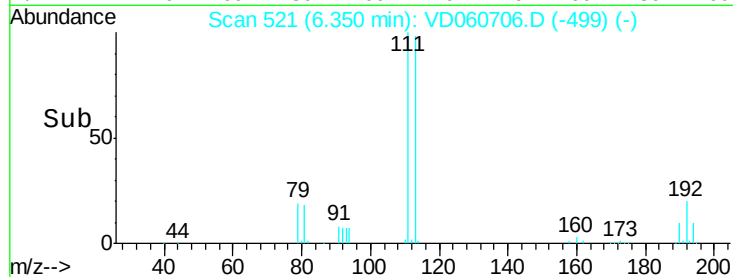
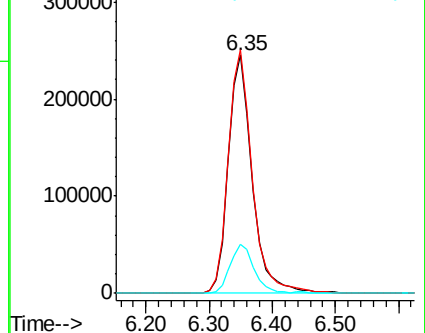
192 20.5 16.6 25.0



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: 9.48 min Scan# 839

Delta R.T. 0.02 min

Lab File: VD060706.D

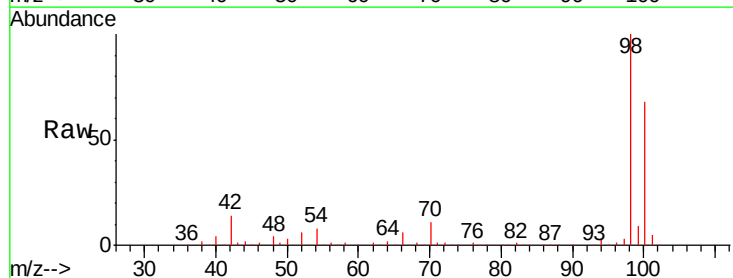
Acq: 22 Dec 2018 14:01

Tgt Ion: 98 Resp: 1675952

Ion Ratio Lower Upper

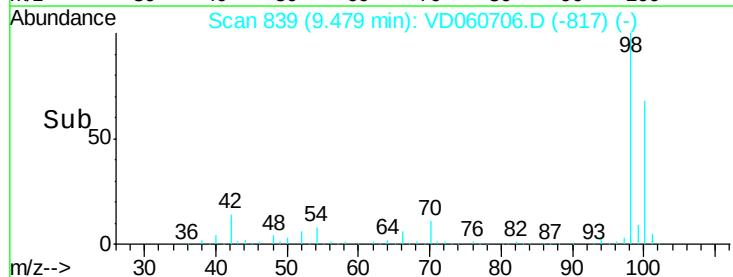
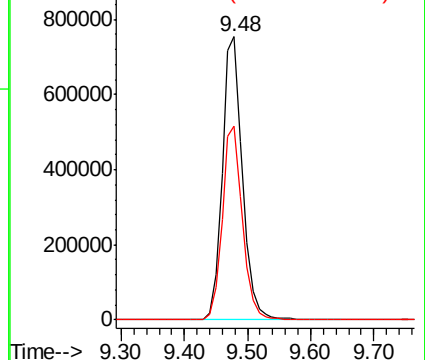
98 100

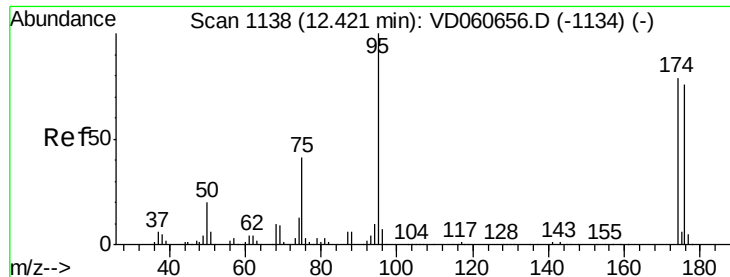
100 68.4 55.8 83.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.44 min Scan# 1140

Delta R.T. 0.02 min

Lab File: VD060706.D

Acq: 22 Dec 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

S-3(5)RE

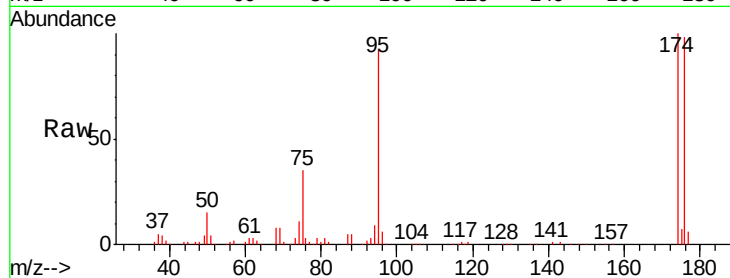
Tgt Ion: 95 Resp: 433811

Ion Ratio Lower Upper

95 100

174 108.5 0.0 158.2

176 106.3 0.0 152.4



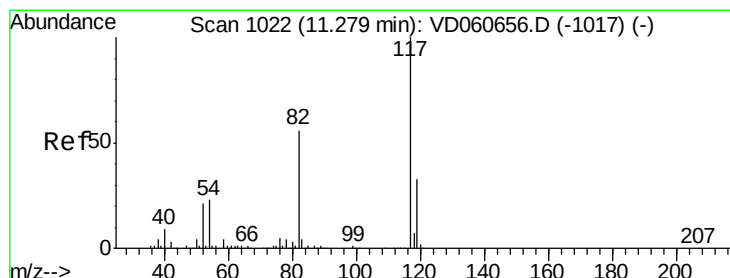
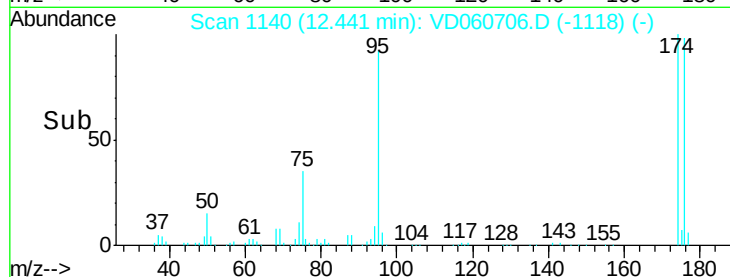
Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

12.44

Time--> 12.30 12.40 12.50 12.60



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.30 min Scan# 1024

Delta R.T. 0.02 min

Lab File: VD060706.D

Acq: 22 Dec 2018 14:01

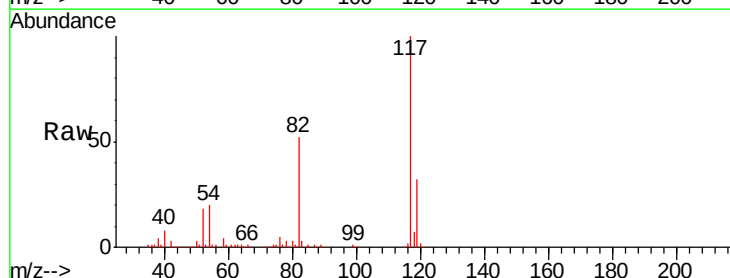
Tgt Ion: 117 Resp: 1235660

Ion Ratio Lower Upper

117 100

82 52.0 44.5 66.7

119 32.2 26.3 39.5



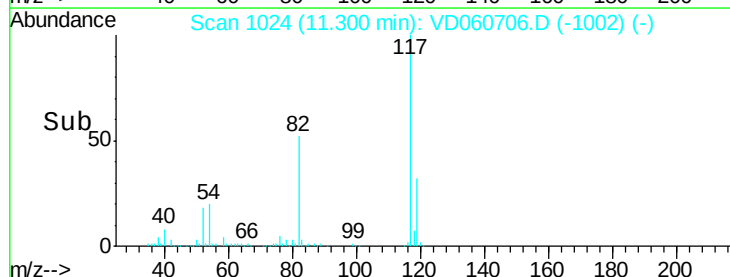
Abundance Ion 116.95 (116.65 to 117.65): V

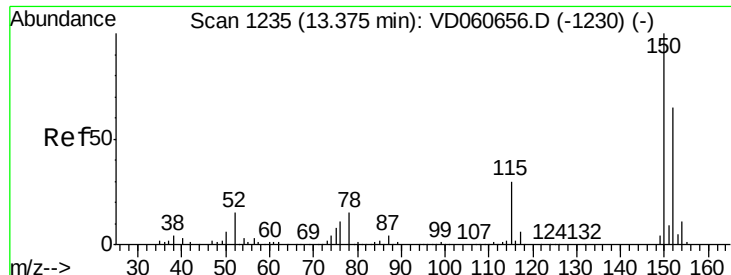
Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

11.30

Time--> 11.20 11.30 11.40 11.50

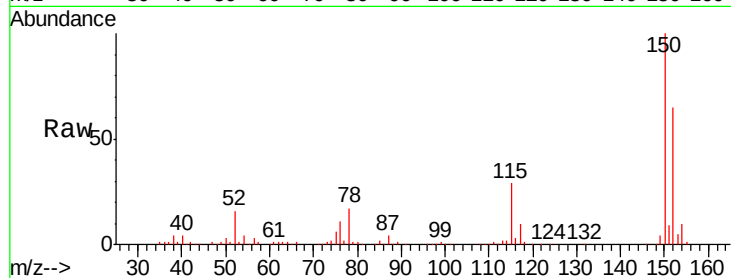




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.39 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: VD060706.D
 Acq: 22 Dec 2018 14:01

Instrument :
 MSVOA_D
 ClientSampleId :
 S-3(5)RE

Tgt Ion	Ratio	Lower	Upper
152	100		
115	44.9	24.1	72.3
150	154.3	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

