

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042419\
 Data File : VD062018.D
 Acq On : 25 Apr 2019 4:01
 Operator : VA/AP
 Sample : K2542-06
 Misc : 4.89g/5ml/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-2

Quant Time: Apr 25 05:16:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

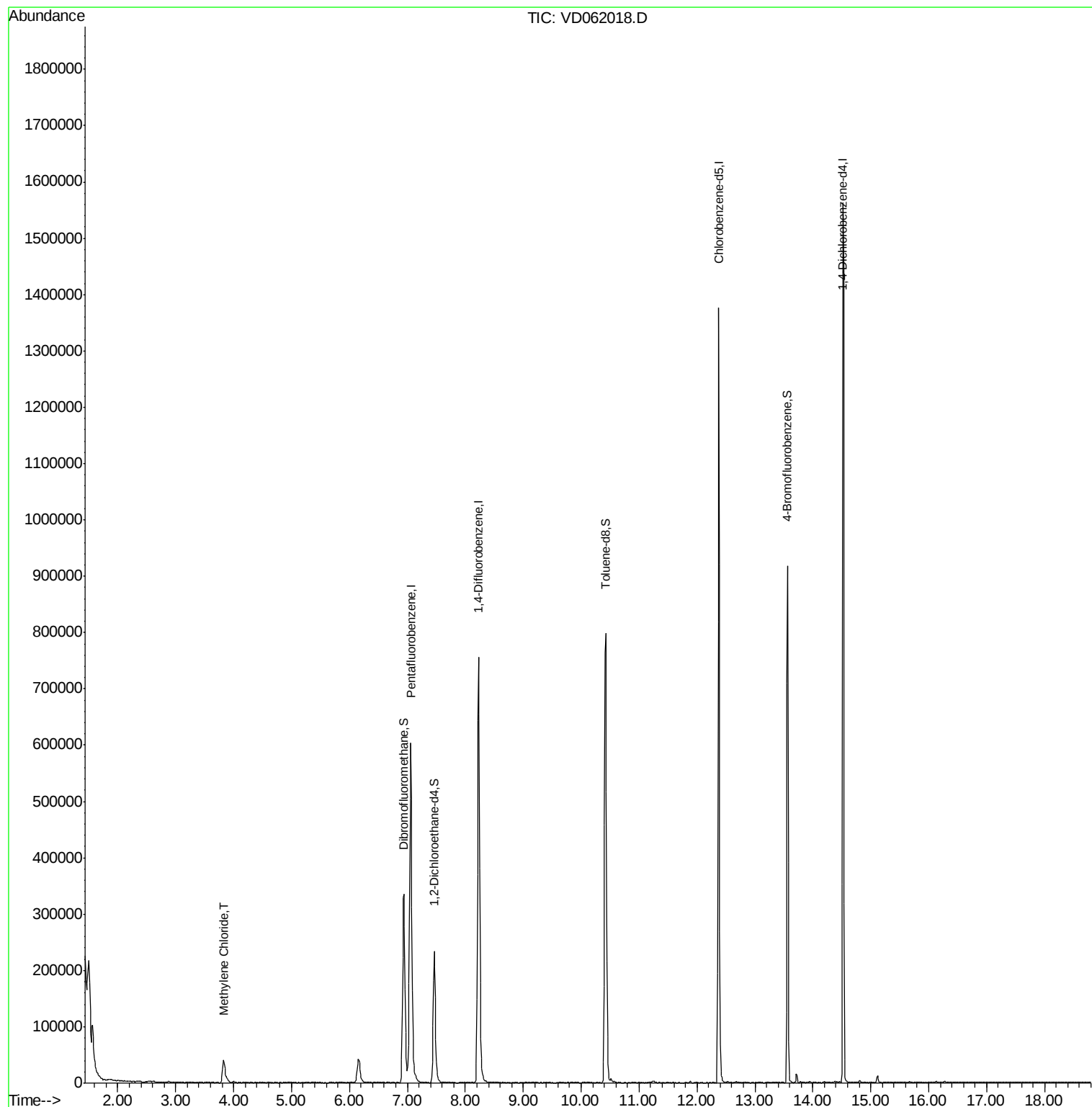
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	609214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	948611	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	809948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	395380	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	242457	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
35) Dibromofluoromethane	6.94	113	331132	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
50) Toluene-d8	10.42	98	714027	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
62) 4-Bromofluorobenzene	13.56	95	287442	45.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.82%	
Target Compounds						
20) Methylene Chloride	3.83	84	34071	3.160	ug/l #	Qvalue 89

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

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Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062018.D

Acq: 25 Apr 2019 4:01

Instrument :

MSVOA_D

ClientSampleId :

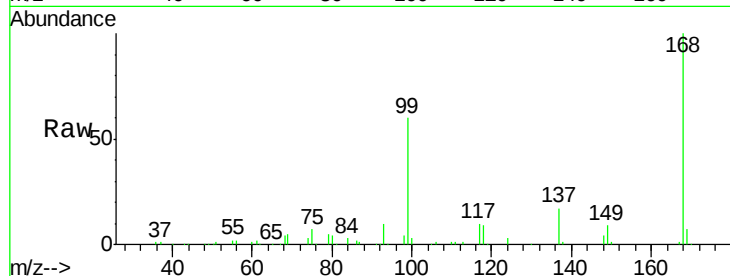
TP-1-2

Tot Ion:168 Resp: 609214

Ion Ratio Lower Upper

168 100

99 60.0 46.5 69.7

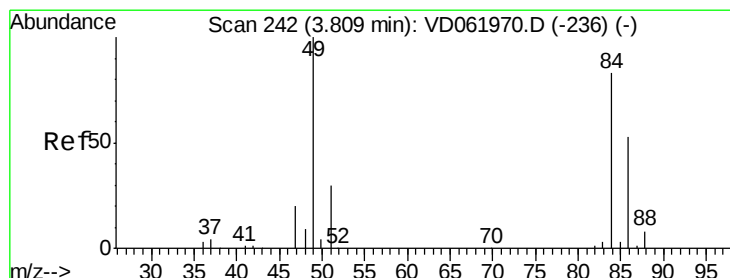
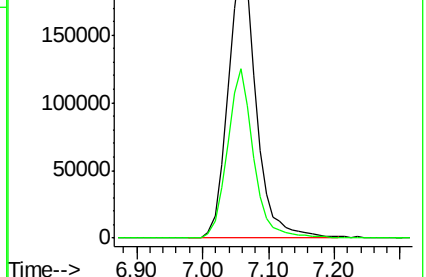
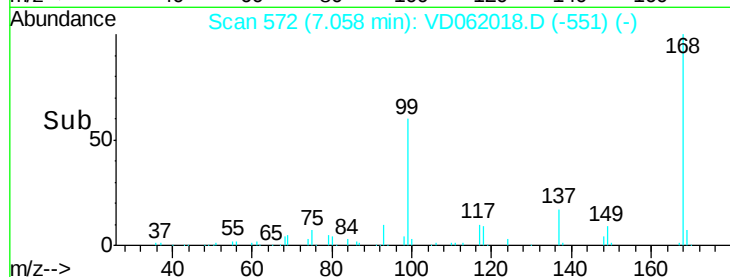


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

Time-->



#20

Methylene Chloride

Concen: 3.160 ug/l

RT: 3.83 min Scan# 244

Delta R.T. 0.01 min

Lab File: VD062018.D

Acq: 25 Apr 2019 4:01

Tgt Ion: 84 Resp: 34071

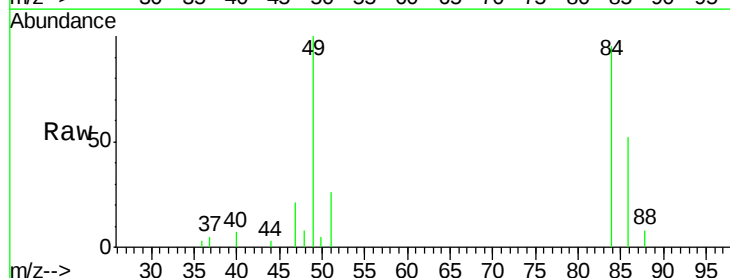
Ion Ratio Lower Upper

84 100

49 105.5 94.0 141.0

51 27.8 29.0 43.4#

86 54.8 49.8 74.6



Abundance Ion 83.95 (83.65 to 84.65): VDC

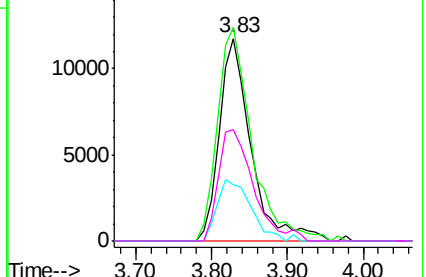
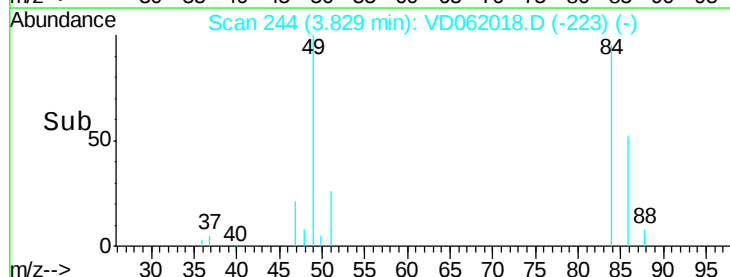
Ion 48.90 (48.60 to 49.60): VDC

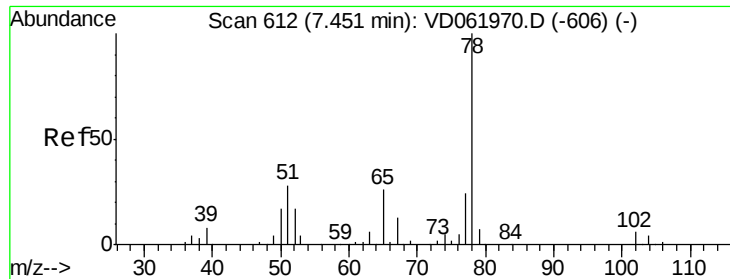
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

3.83

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.850 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD062018.D

Acq: 25 Apr 2019 4:01

Instrument :

MSVOA_D

ClientSampleId :

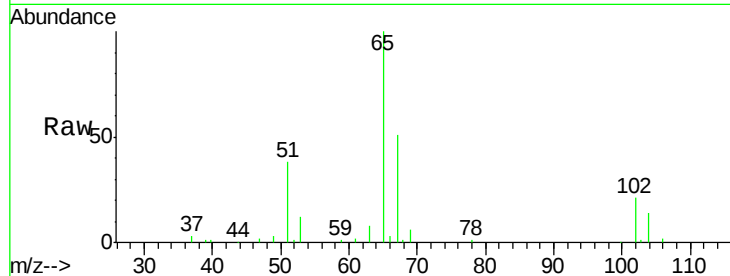
TP-1-2

Tot Ion: 65 Resp: 242457

Ion Ratio Lower Upper

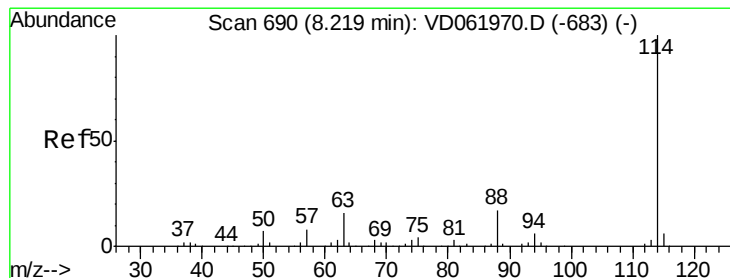
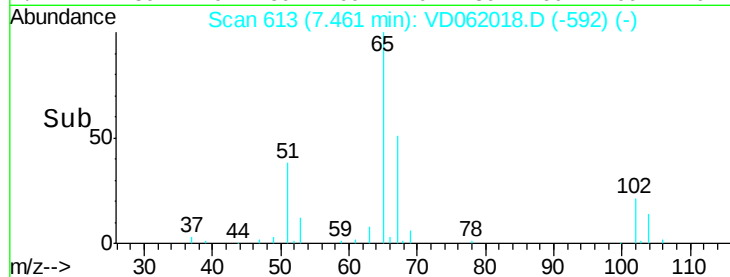
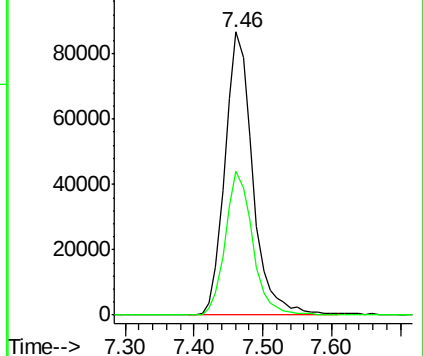
65 100

67 51.0 0.0 98.0



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: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD062018.D

Acq: 25 Apr 2019 4:01

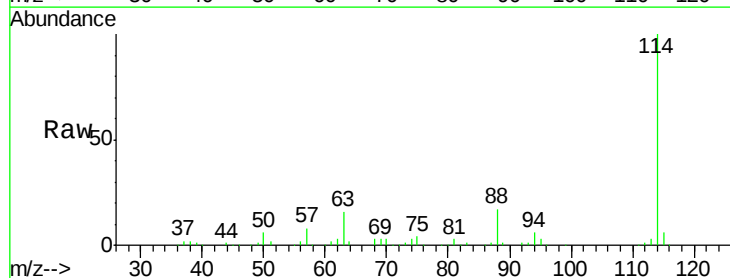
Tgt Ion: 114 Resp: 948611

Ion Ratio Lower Upper

114 100

63 16.1 0.0 32.4

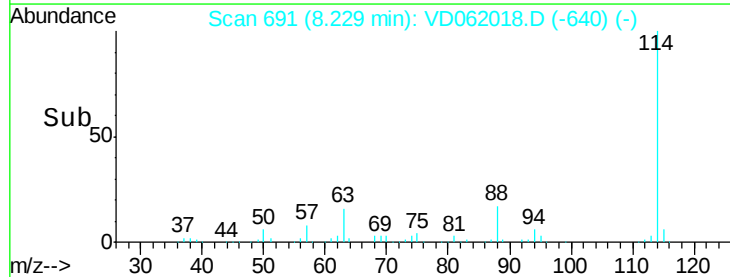
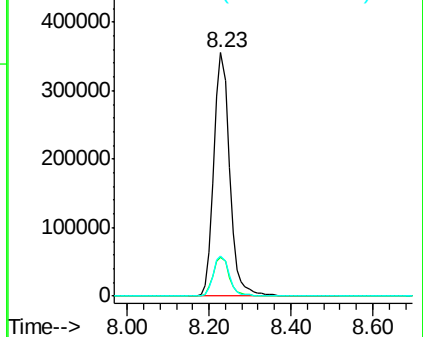
88 16.6 0.0 33.6

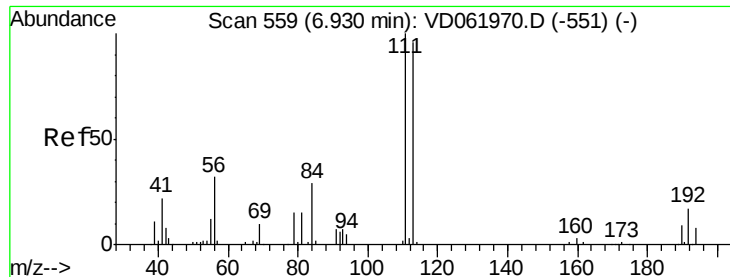


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.473 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD062018.D

Acq: 25 Apr 2019 4:01

Instrument :

MSVOA_D

ClientSampled :

TP-1-2

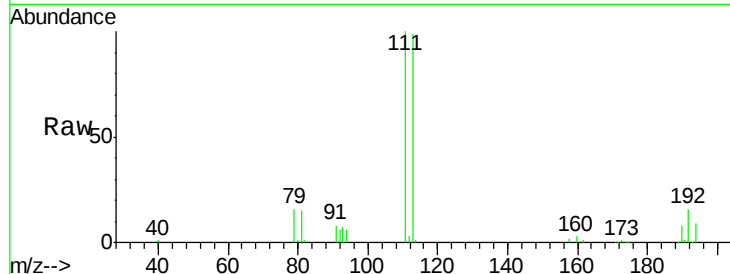
Tot Ion:113 Resp: 331132

Ion Ratio Lower Upper

113 100

111 100.7 78.5 117.7

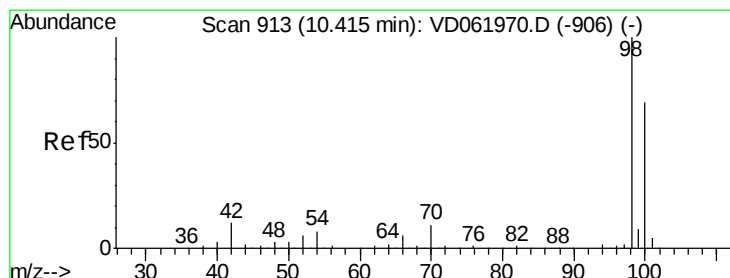
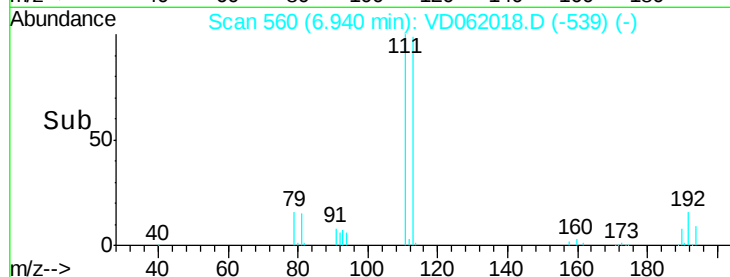
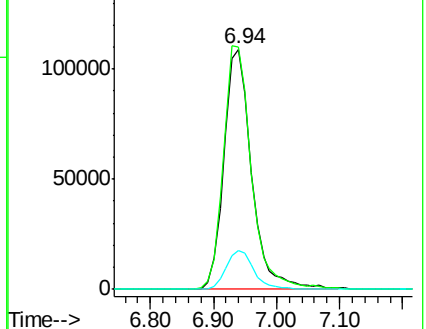
192 16.0 13.0 19.4



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: 45.739 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD062018.D

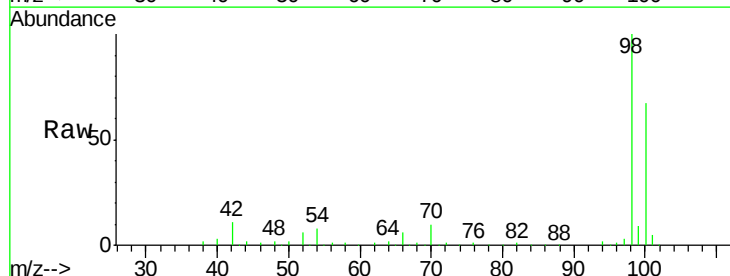
Acq: 25 Apr 2019 4:01

Tgt Ion: 98 Resp: 714027

Ion Ratio Lower Upper

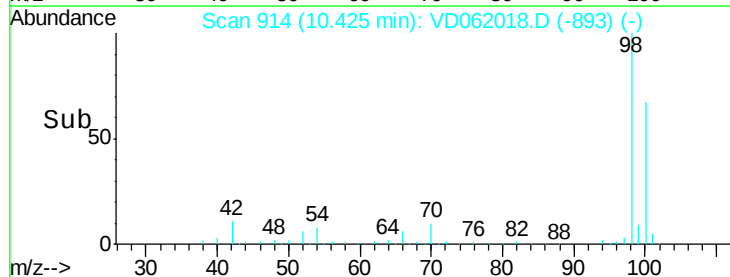
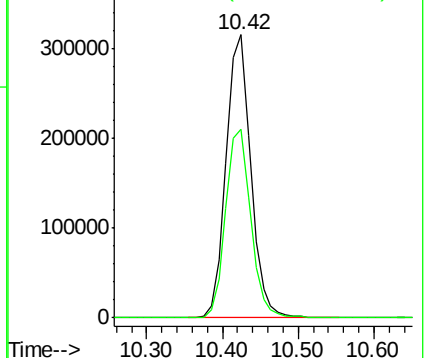
98 100

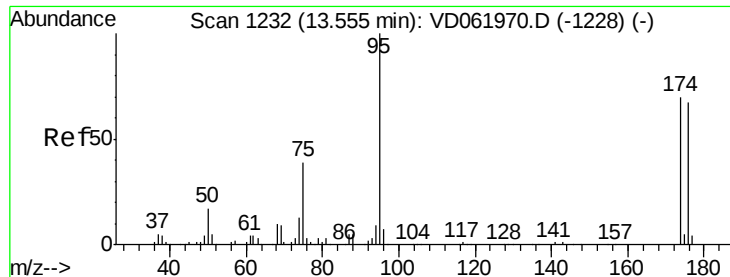
100 66.5 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

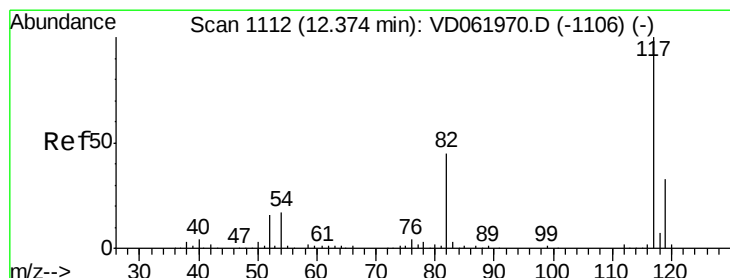
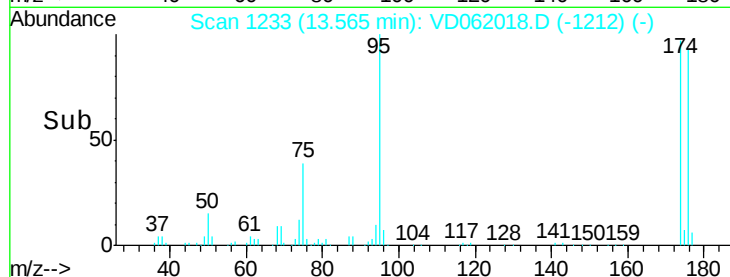
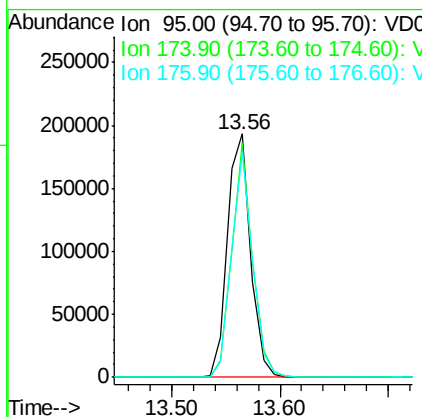
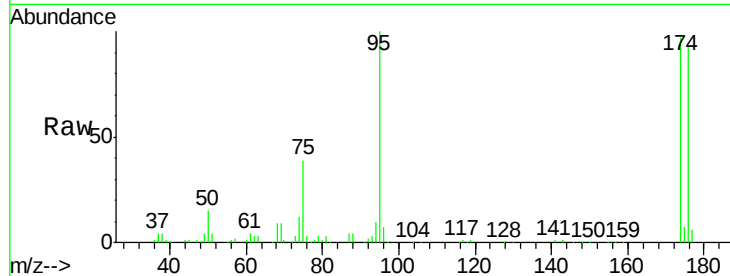




#62
4-Bromofluorobenzene
Concen: 45.907 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062018.D
Acq: 25 Apr 2019 4:01

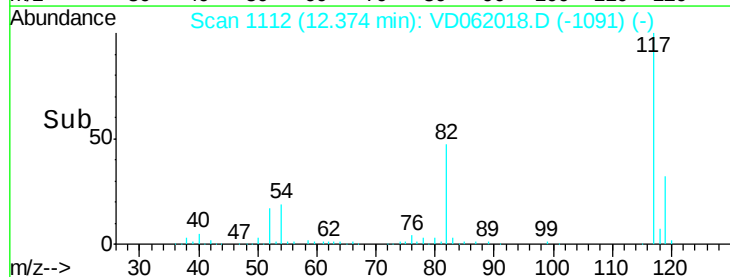
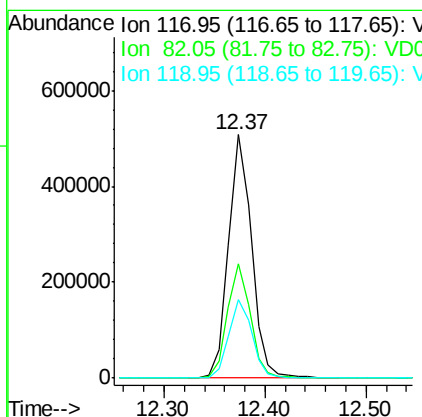
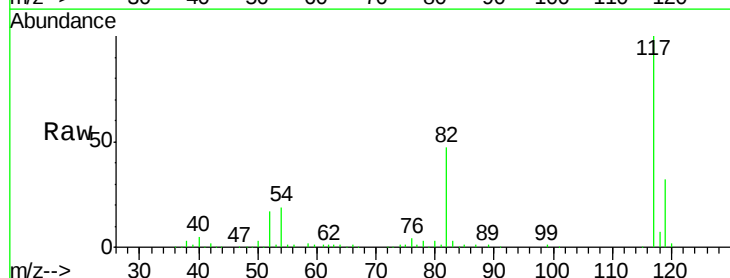
Instrument :
MSVOA_D
ClientSampleId :
TP-1-2

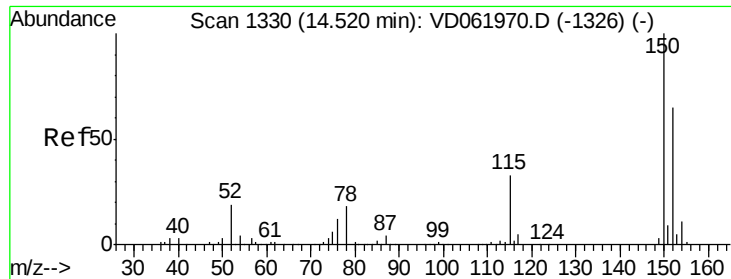
Tot Ion: 95 Resp: 287442
Ion Ratio Lower Upper
95 100
174 96.6 0.0 181.8
176 92.5 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062018.D
Acq: 25 Apr 2019 4:01

Tgt Ion: 117 Resp: 809948
Ion Ratio Lower Upper
117 100
82 47.2 36.2 54.2
119 32.4 26.2 39.4

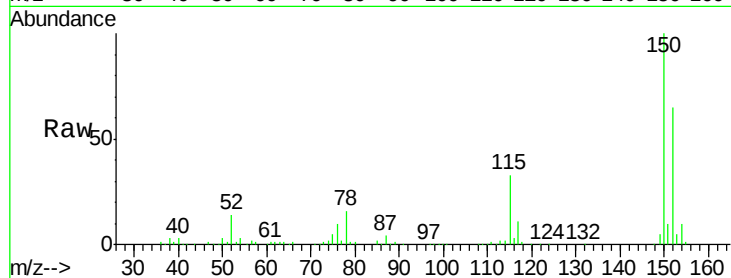




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD062018.D
 Acq: 25 Apr 2019 4:01

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-2

Tot Ion	Ratio	Lower	Upper
152	100		
115	51.5	30.9	92.7
150	154.6	0.0	314.8



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

