

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033119\
 Data File : VD061455.D
 Acq On : 31 Mar 2019 19:04
 Operator : VA/AP
 Sample : K2173-01RE
 Misc : 5.43g/5ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T-3RE

Quant Time: Apr 01 06:49:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

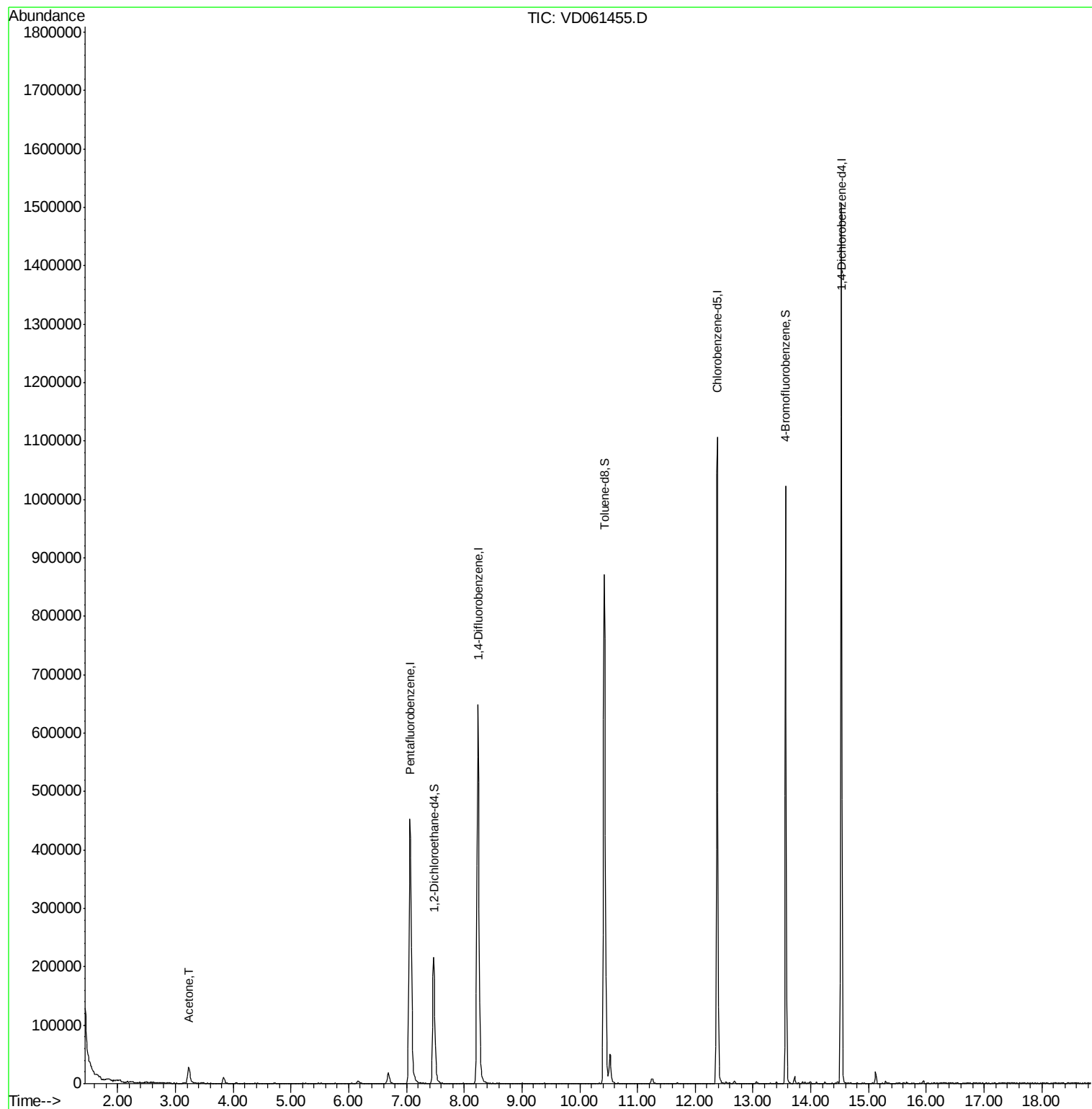
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	504278	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	834346	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.38	117	732517	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	358827	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	213477	49.56	ug/l	0.04
Spiked Amount	50.000		Recovery	=	99.12%	
35) Dibromofluoromethane	7.07	113	200	0.03	ug/l	0.17
Spiked Amount	50.000		Recovery	=	0.06%	
50) Toluene-d8	10.42	98	771097	50.42	ug/l	0.04
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	13.56	95	314462	53.62	ug/l	0.02
Spiked Amount	50.000		Recovery	=	107.24%	
Target Compounds						
16) Acetone	3.23	43	59370	53.613	ug/l	Qvalue 91

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.04 min

Lab File: VD061455.D

Acq: 31 Mar 2019 19:04

Instrument :

MSVOA_D

ClientSampleId :

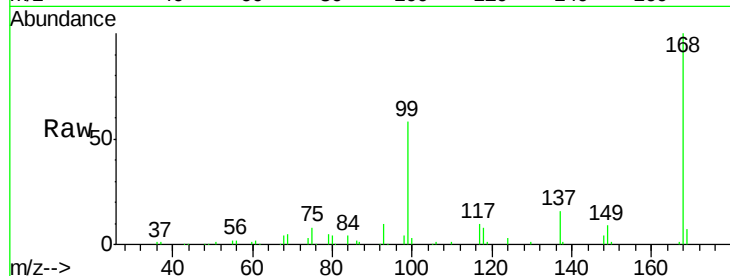
T-3RE

Tgt Ion:168 Resp: 504278

Ion Ratio Lower Upper

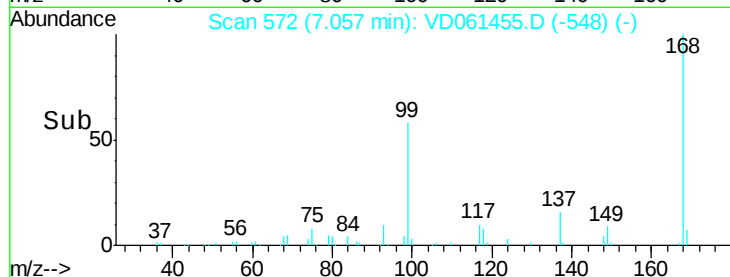
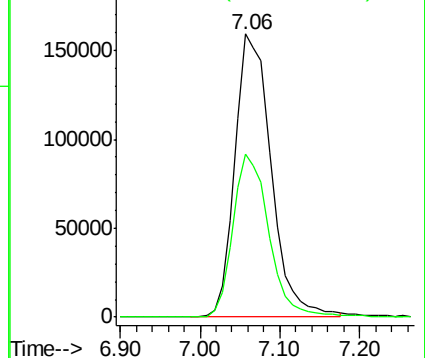
168 100

99 57.6 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 53.613 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD061455.D

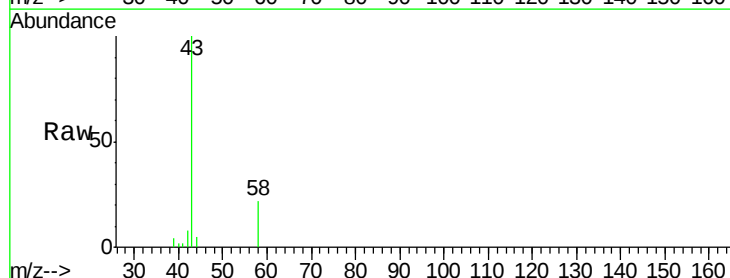
Acq: 31 Mar 2019 19:04

Tgt Ion: 43 Resp: 59370

Ion Ratio Lower Upper

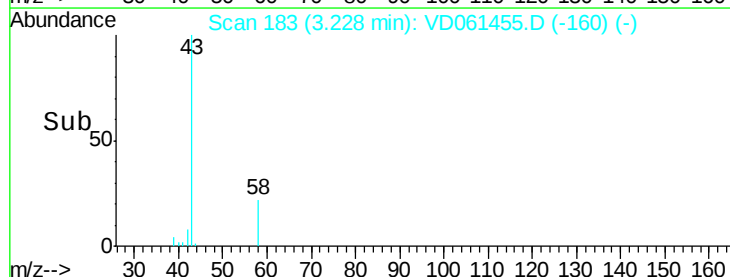
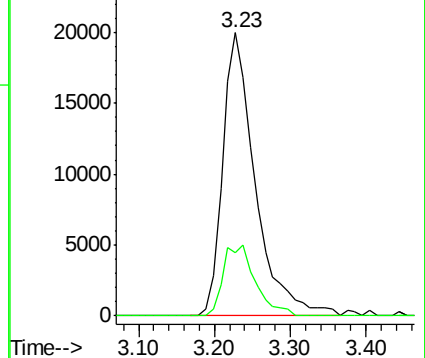
43 100

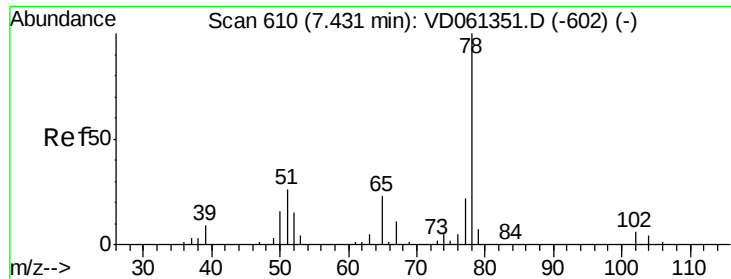
58 22.3 21.5 32.3



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: 49.556 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD061455.D

Acq: 31 Mar 2019 19:04

Instrument :

MSVOA_D

ClientSampleId :

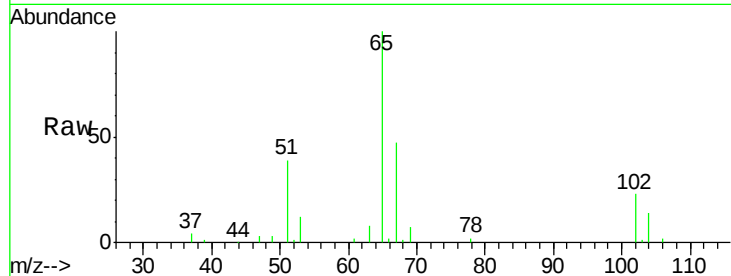
T-3RE

Tgt Ion: 65 Resp: 213477

Ion Ratio Lower Upper

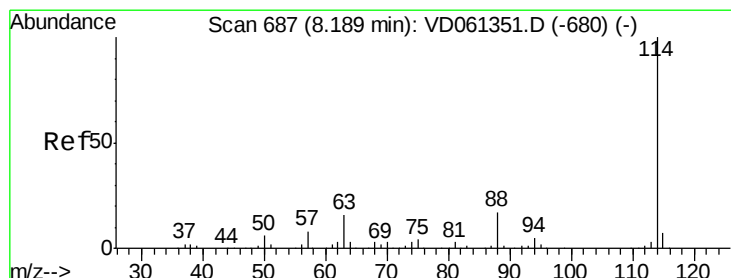
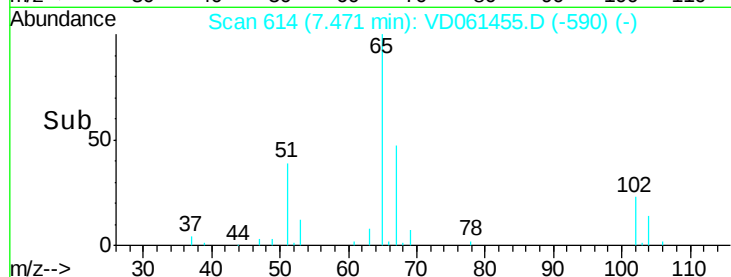
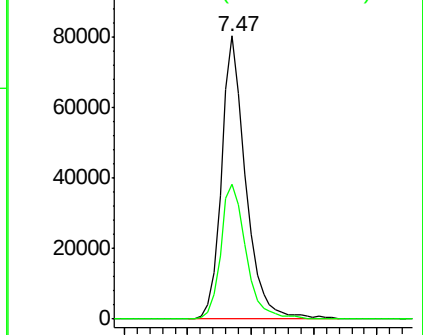
65 100

67 47.5 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 692

Delta R.T. 0.05 min

Lab File: VD061455.D

Acq: 31 Mar 2019 19:04

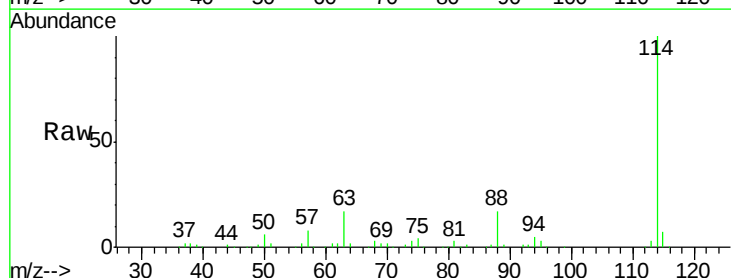
Tgt Ion: 114 Resp: 834346

Ion Ratio Lower Upper

114 100

63 16.6 0.0 31.6

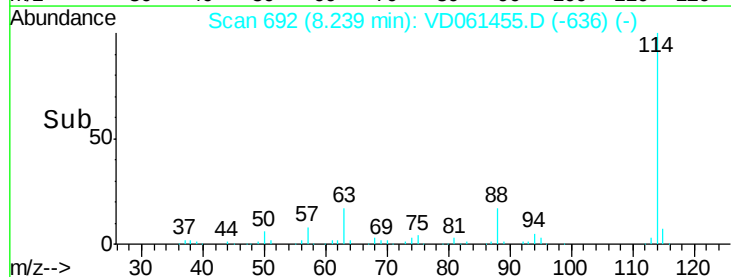
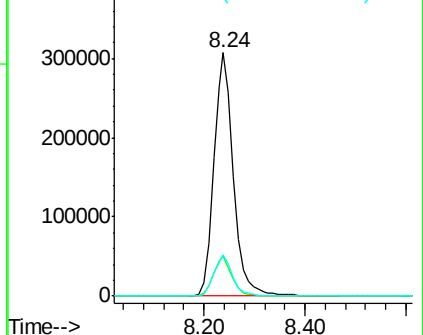
88 16.9 0.0 33.4

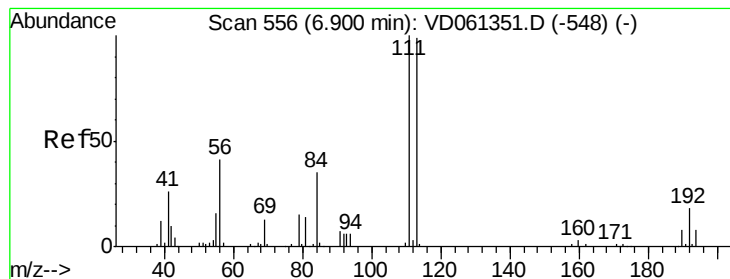


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 0.031 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.17 min

Lab File: VD061455.D

Acq: 31 Mar 2019 19:04

Instrument :

MSVOA_D

ClientSampleId :

T-3RE

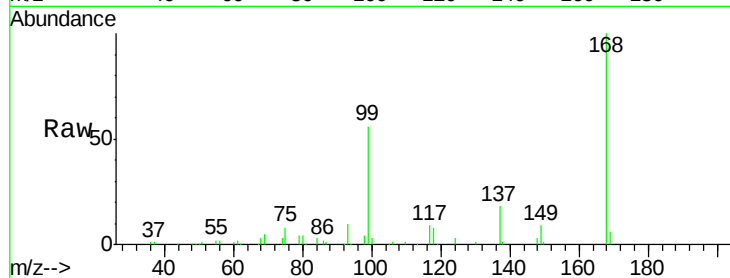
Tgt Ion:113 Resp: 200

Ion Ratio Lower Upper

113 100

111 0.0 81.0 121.6#

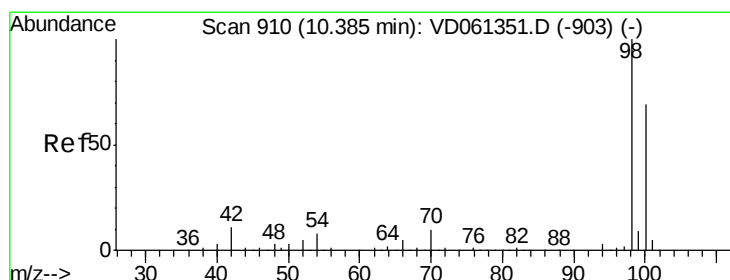
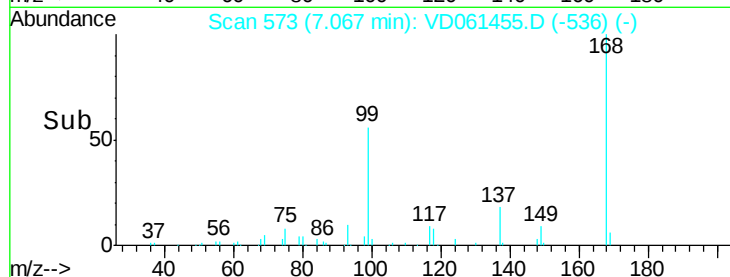
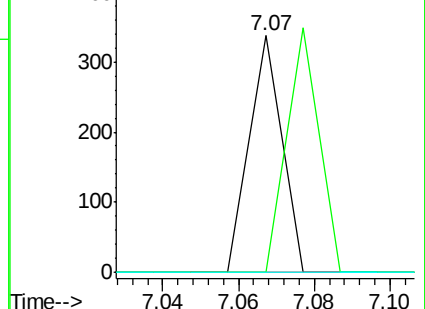
192 0.0 14.4 21.6#



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: 50.424 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.04 min

Lab File: VD061455.D

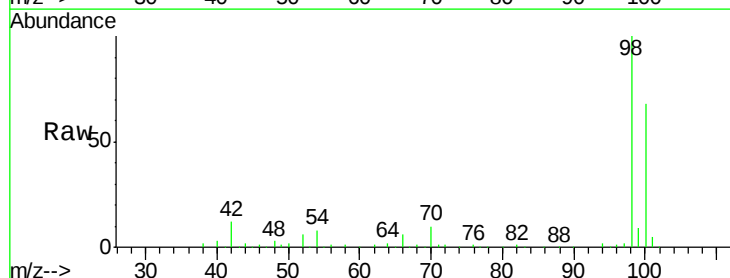
Acq: 31 Mar 2019 19:04

Tgt Ion: 98 Resp: 771097

Ion Ratio Lower Upper

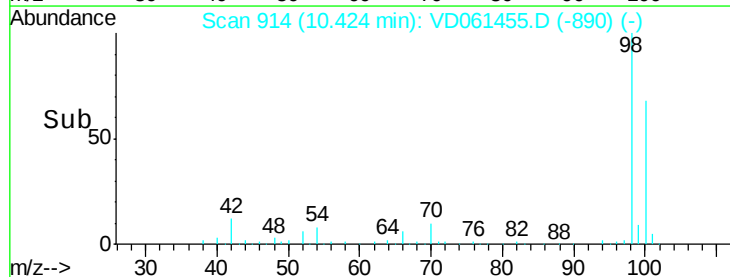
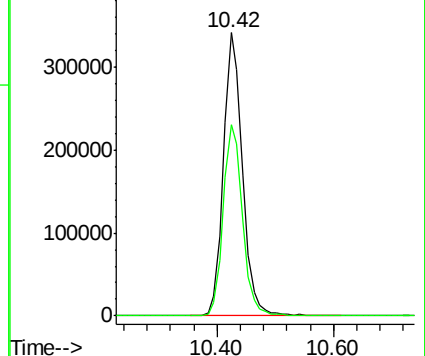
98 100

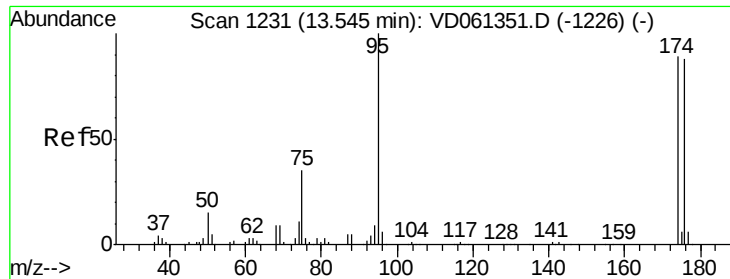
100 67.7 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

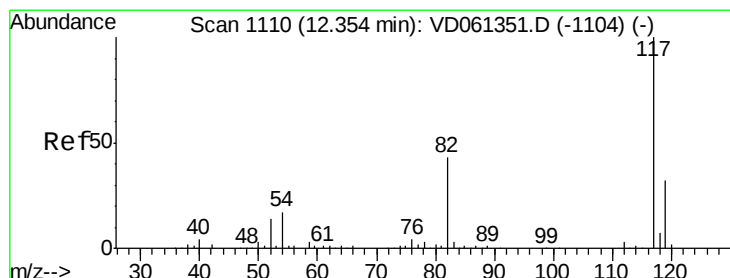
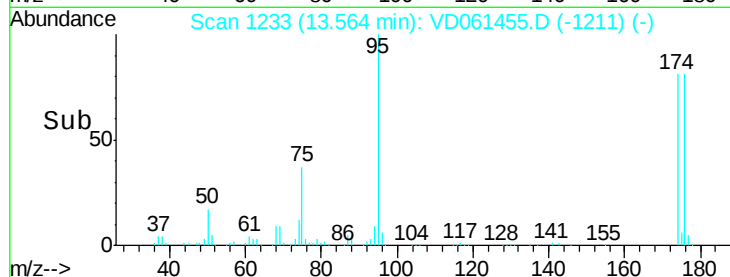
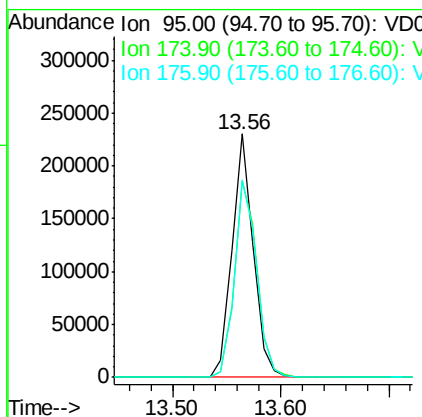
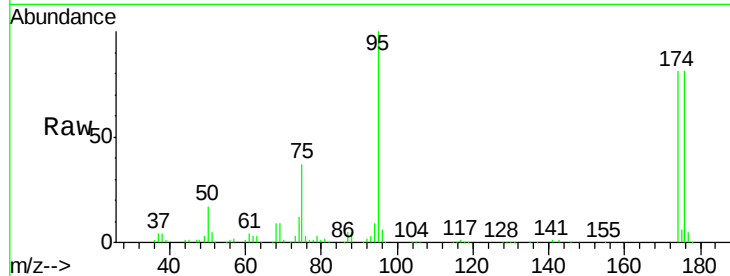




#62
4-Bromofluorobenzene
Concen: 53.624 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VD061455.D
Acq: 31 Mar 2019 19:04

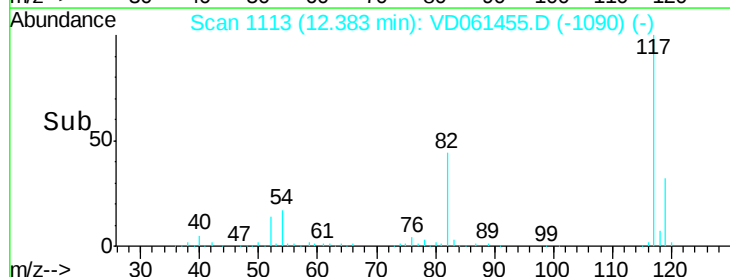
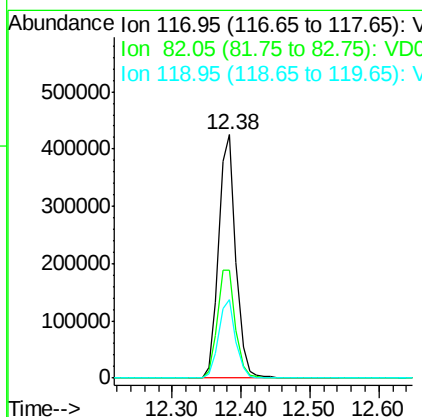
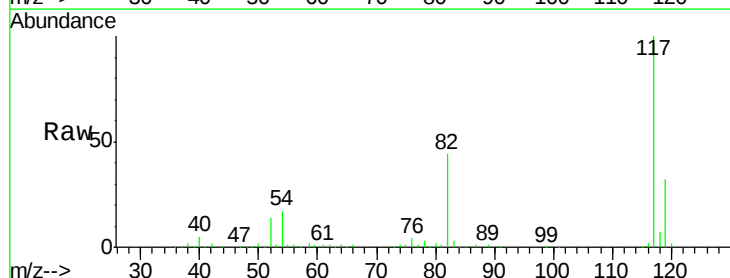
Instrument :
MSVOA_D
ClientSampleId :
T-3RE

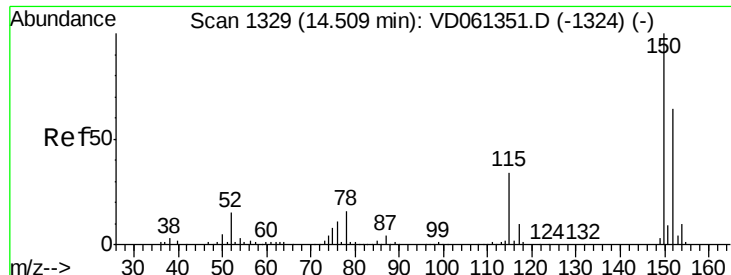
Tgt Ion: 95 Resp: 314462
Ion Ratio Lower Upper
95 100
174 80.7 0.0 178.0
176 81.0 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VD061455.D
Acq: 31 Mar 2019 19:04

Tgt Ion: 117 Resp: 732517
Ion Ratio Lower Upper
117 100
82 44.3 34.4 51.6
119 32.2 25.8 38.6

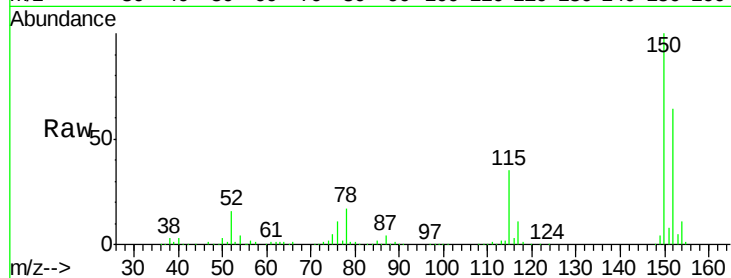




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. 0.02 min
 Lab File: VD061455.D
 Acq: 31 Mar 2019 19:04

Instrument :
 MSVOA_D
 ClientSampleId :
 T-3RE

Tgt Ion:152 Resp: 358827
 Ion Ratio Lower Upper
 152 100
 115 54.6 26.9 80.6
 150 155.2 0.0 318.0



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

