

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041719\
 Data File : VD061857.D
 Acq On : 17 Apr 2019 17:18
 Operator : VA/AP
 Sample : K2204-01
 Misc : 4.46g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-041119

Quant Time: Apr 17 18:19:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

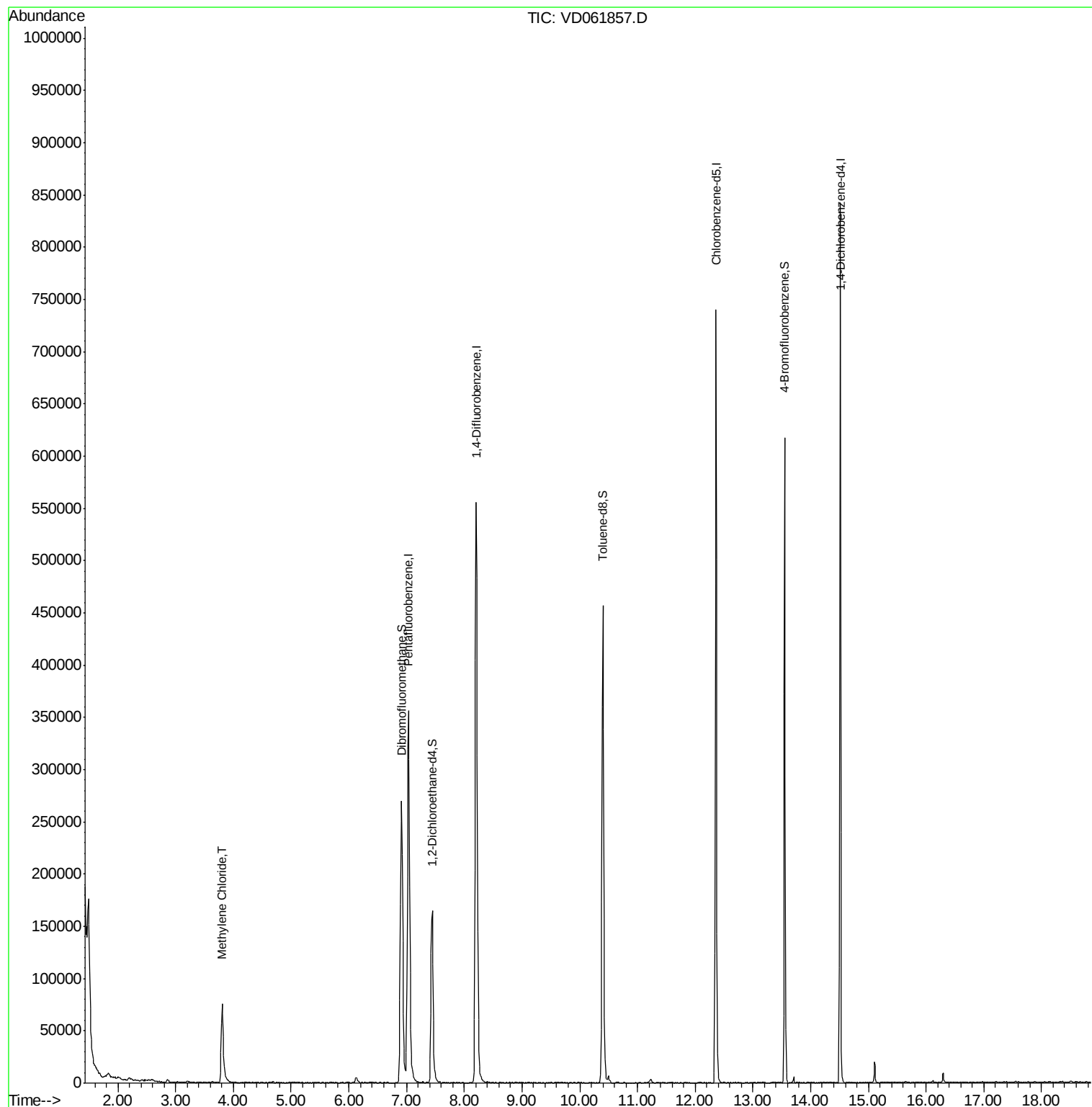
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	367118	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	8.20	114	654675	50.00	ug/l	-0.06
63) Chlorobenzene-d5	12.36	117	448958	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	14.52	152	206024	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	172399	56.03	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	112.06%	
35) Dibromofluoromethane	6.92	113	255447	51.65	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	103.30%	
50) Toluene-d8	10.40	98	381456	32.55	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	65.10%	
62) 4-Bromofluorobenzene	13.55	95	183831	38.70	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	77.40%	
Target Compounds						
20) Methylene Chloride	3.80	84	53829	10.673	ug/l	Qvalue 95

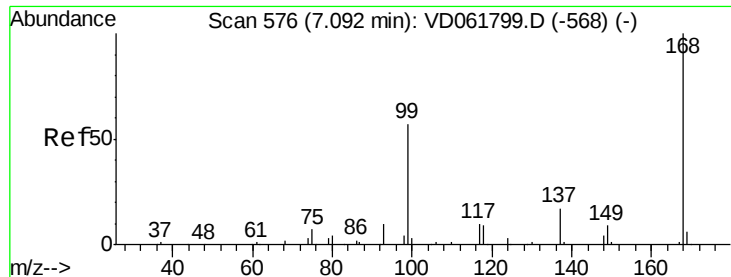
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.06 min

Lab File: VD061857.D

Acq: 17 Apr 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

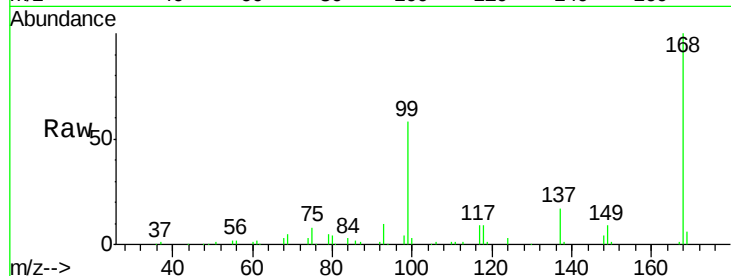
TR-04-041119

Tot Ion:168 Resp: 367118

Ion Ratio Lower Upper

168 100

99 57.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

150000

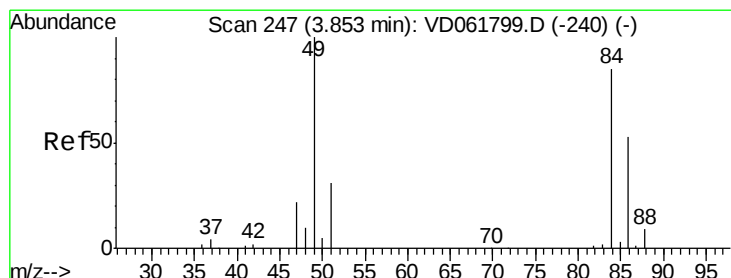
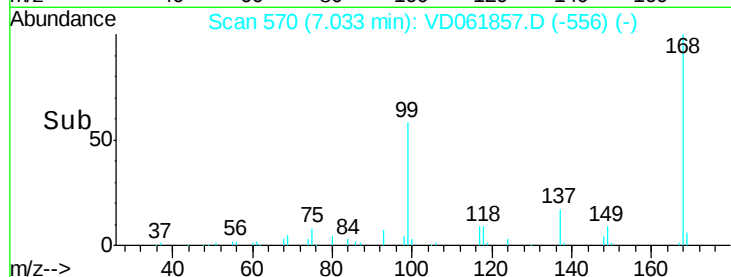
100000

50000

0

7.00 7.20

Time-->



#20

Methylene Chloride

Concen: 10.673 ug/l

RT: 3.80 min Scan# 242

Delta R.T. -0.05 min

Lab File: VD061857.D

Acq: 17 Apr 2019 17:18

Tgt Ion: 84 Resp: 53829

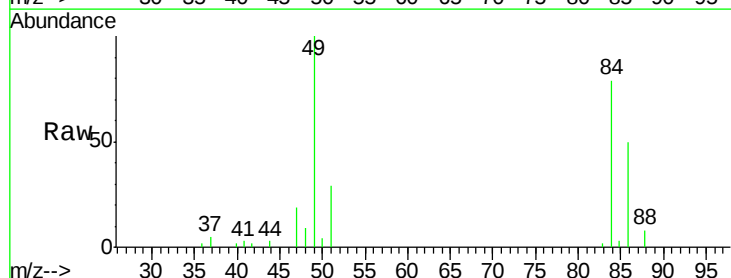
Ion Ratio Lower Upper

84 100

49 126.6 94.0 141.0

51 37.1 29.0 43.4

86 63.8 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

30000

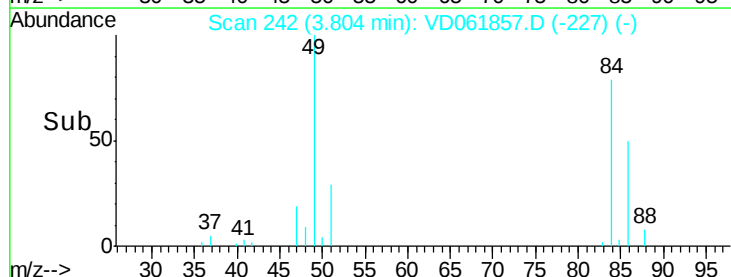
20000

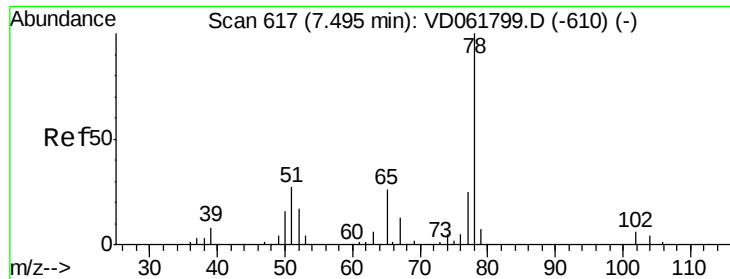
10000

0

3.70 3.80 3.90 4.00

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.05 min

Lab File: VD061857.D

Acq: 17 Apr 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

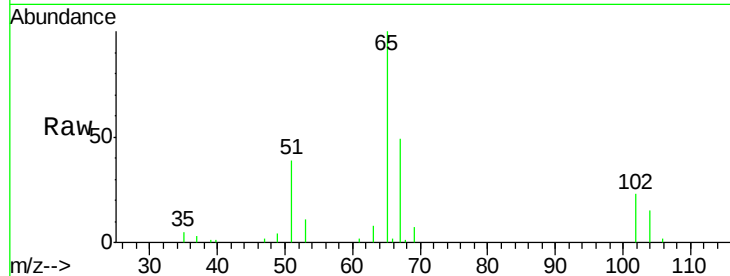
TR-04-041119

Tot Ion: 65 Resp: 172399

Ion Ratio Lower Upper

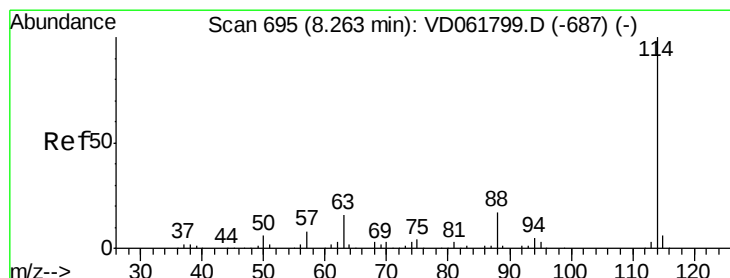
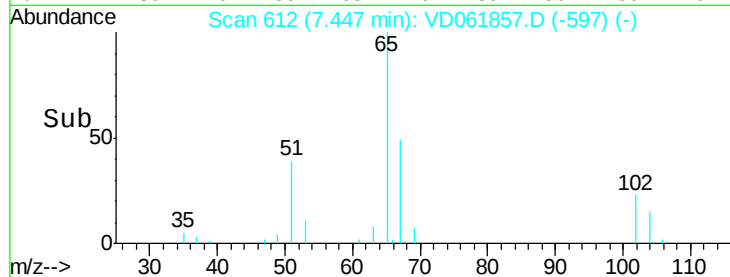
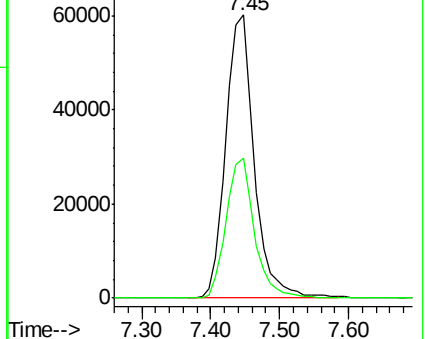
65 100

67 49.4 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: 8.20 min Scan# 689

Delta R.T. -0.06 min

Lab File: VD061857.D

Acq: 17 Apr 2019 17:18

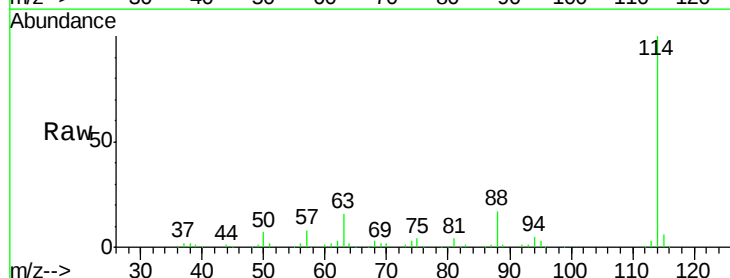
Tgt Ion: 114 Resp: 654675

Ion Ratio Lower Upper

114 100

63 16.4 0.0 32.4

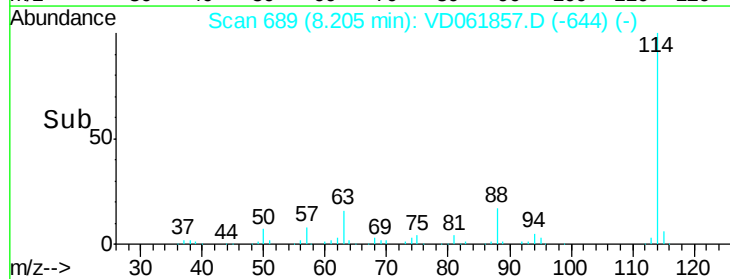
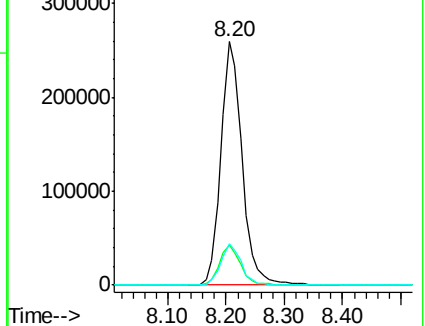
88 17.1 0.0 33.6

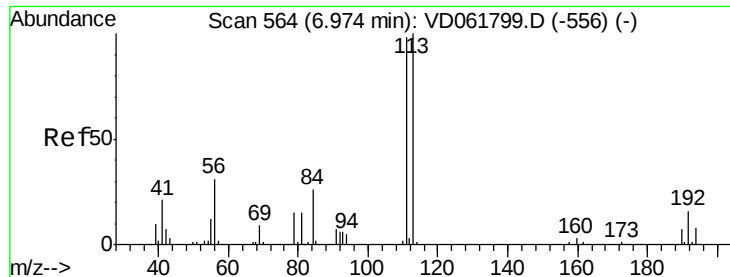


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.06 min

Lab File: VD061857.D

Acq: 17 Apr 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

TR-04-041119

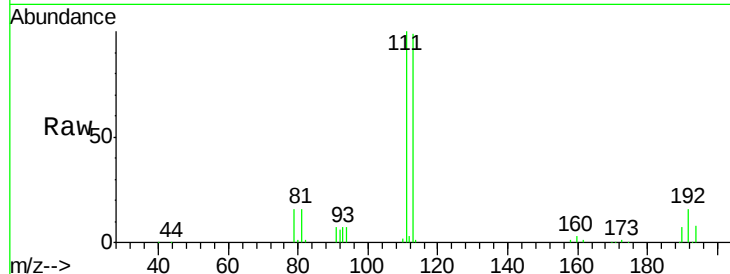
Tot Ion:113 Resp: 255447

Ion Ratio Lower Upper

113 100

111 101.3 78.5 117.7

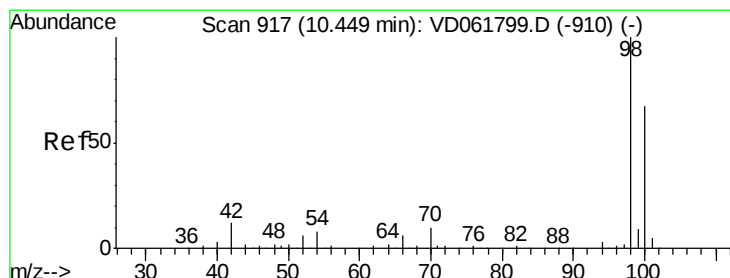
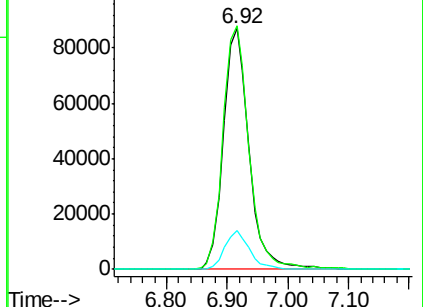
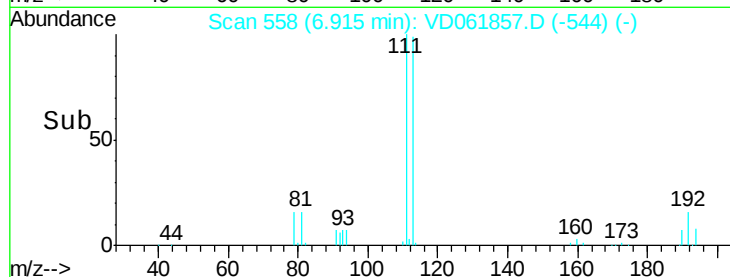
192 16.0 13.0 19.4



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: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.05 min

Lab File: VD061857.D

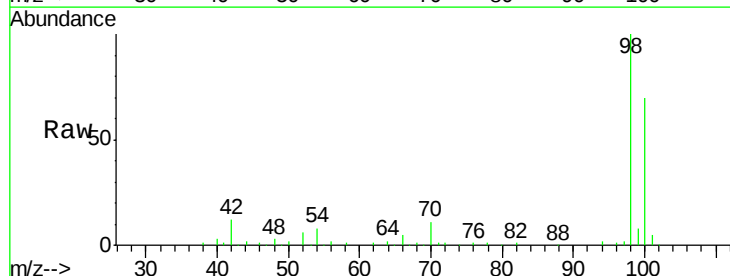
Acq: 17 Apr 2019 17:18

Tgt Ion: 98 Resp: 381456

Ion Ratio Lower Upper

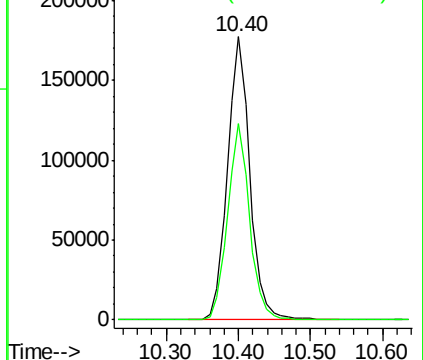
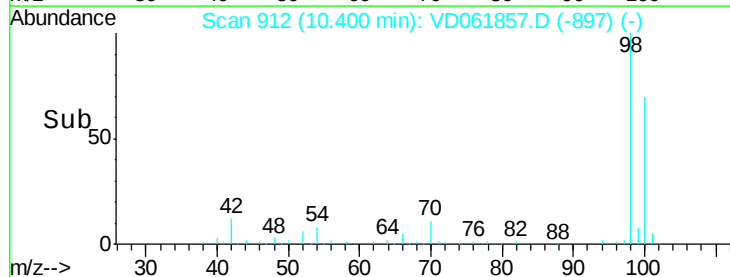
98 100

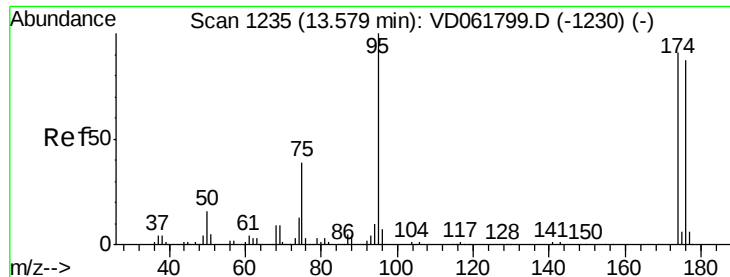
100 69.6 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

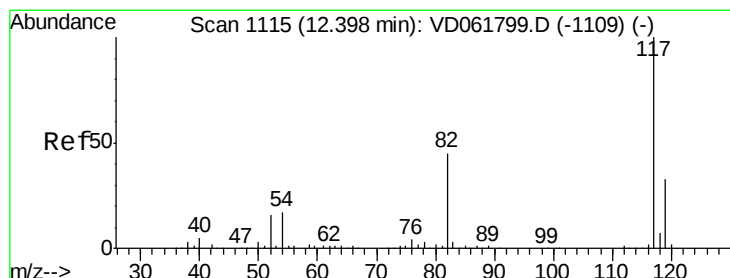
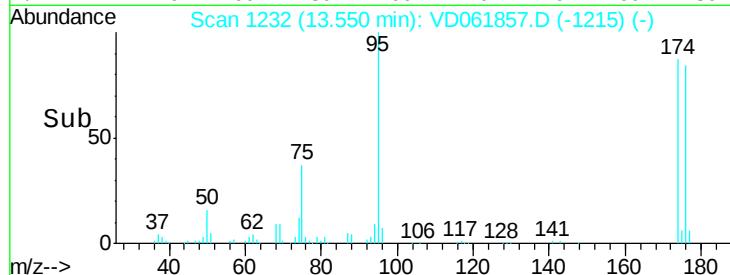
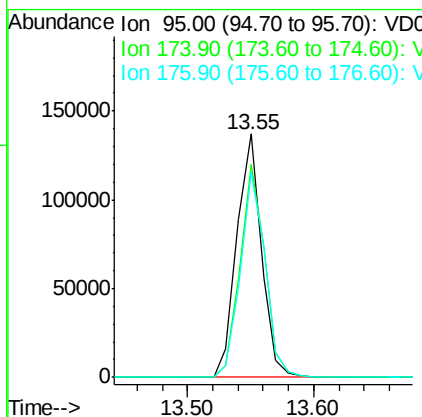
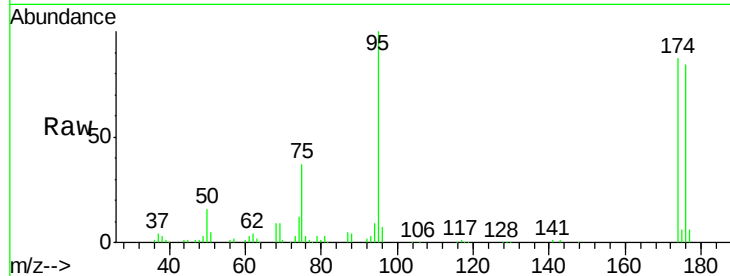




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.03 min
Lab File: VD061857.D
Acq: 17 Apr 2019 17:18

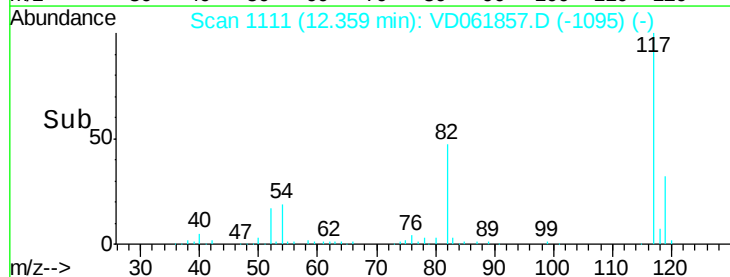
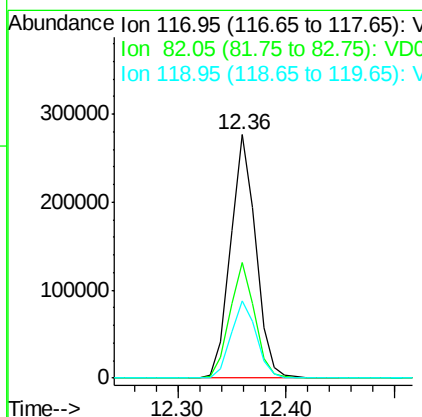
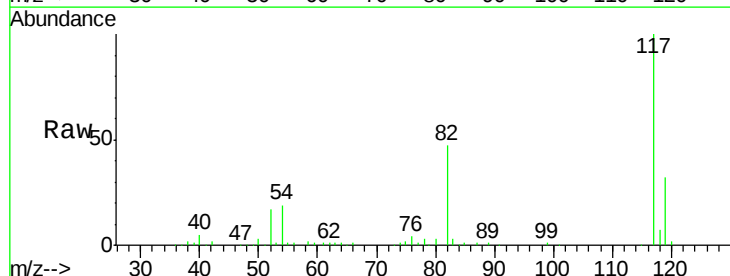
Instrument :
MSVOA_D
ClientSampleId :
TR-04-041119

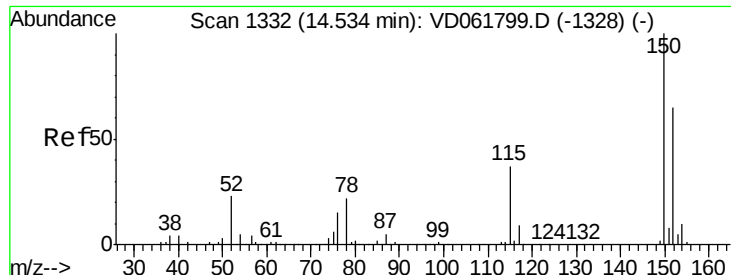
Tot Ion: 95 Resp: 183831
Ion Ratio Lower Upper
95 100
174 87.5 0.0 181.8
176 84.2 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.04 min
Lab File: VD061857.D
Acq: 17 Apr 2019 17:18

Tgt Ion: 117 Resp: 448958
Ion Ratio Lower Upper
117 100
82 47.3 36.2 54.2
119 31.5 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.02 min

Lab File: VD061857.D

Acq: 17 Apr 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

TR-04-041119

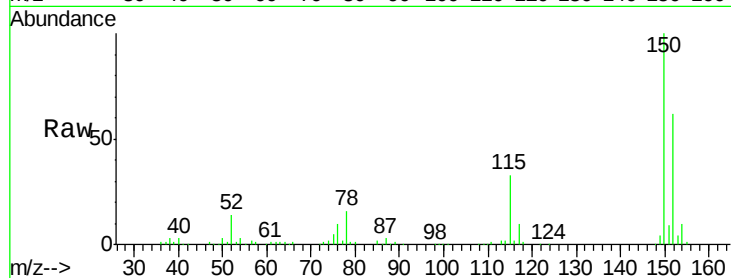
Tot Ion:152 Resp: 206024

Ion Ratio Lower Upper

152 100

115 52.6 30.9 92.7

150 160.7 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

