

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042919\
 Data File : VD062061.D
 Acq On : 29 Apr 2019 14:20
 Operator : FY/SY
 Sample : VD0429SBL01
 Misc : 5.00gm/5mL/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0429SBL01

Quant Time: Apr 29 16:33:59 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

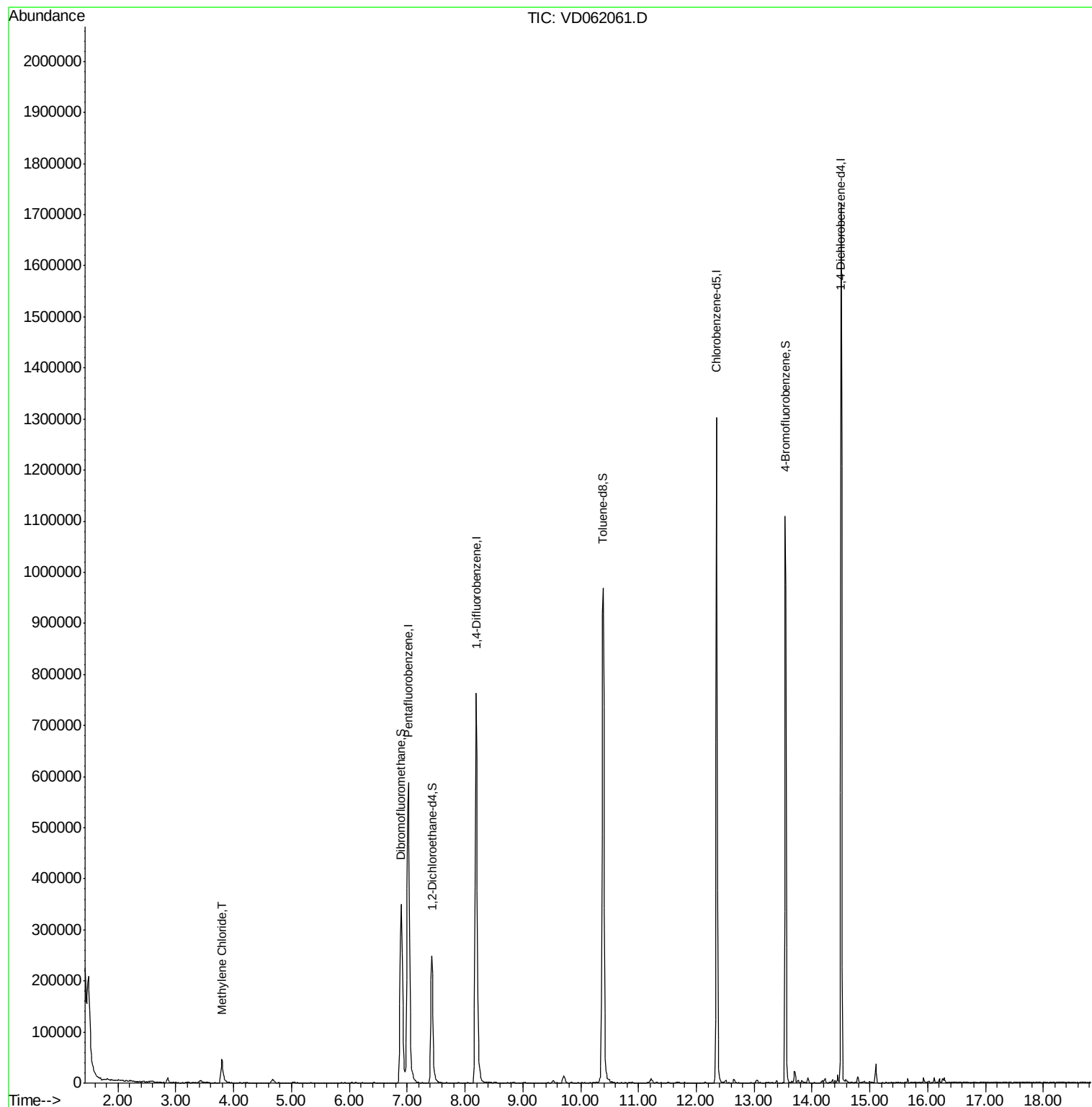
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	608908	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	965452	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	796825	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.50	152	398997	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	257615	54.06	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	108.12%	
35) Dibromofluoromethane	6.89	113	352977	52.86	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	105.72%	
50) Toluene-d8	10.39	98	884196	55.65	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	111.30%	
62) 4-Bromofluorobenzene	13.54	95	353795	55.52	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	111.04%	
Target Compounds						
20) Methylene Chloride	3.79	84	35534	3.445	ug/l	Qvalue 94

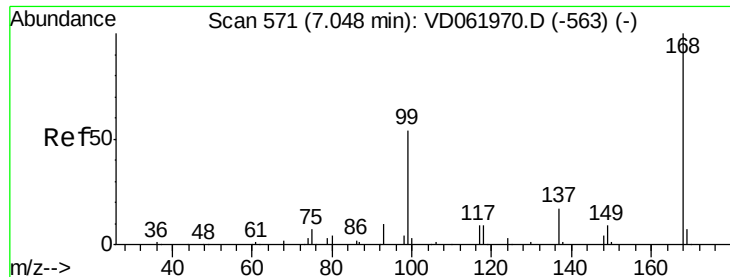
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042919\
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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: 7.02 min Scan# 569

Delta R.T. -0.03 min

Lab File: VD062061.D

Acq: 29 Apr 2019 14:20

Instrument :

MSVOA_D

ClientSampleId :

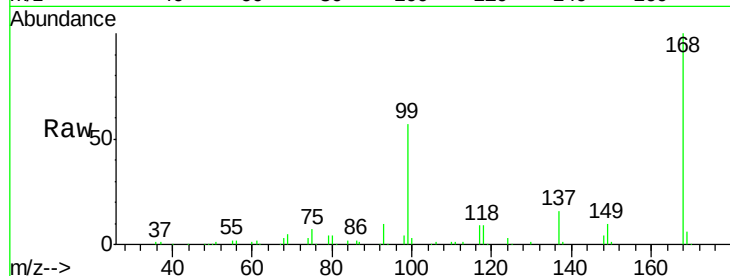
VD0429SBL01

Tot Ion:168 Resp: 608908

Ion Ratio Lower Upper

168 100

99 57.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

250000

200000

150000

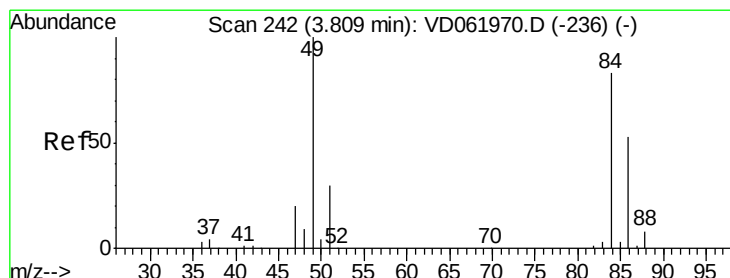
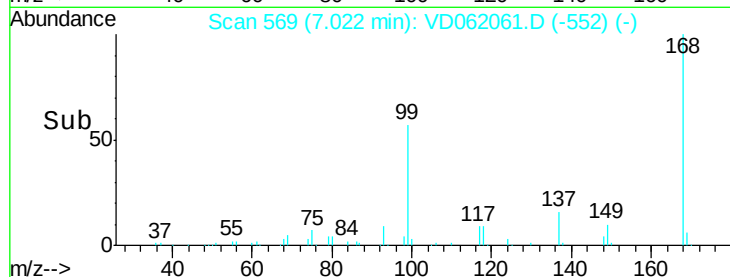
100000

50000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#20

Methylene Chloride

Concen: 3.445 ug/l

RT: 3.79 min Scan# 241

Delta R.T. -0.03 min

Lab File: VD062061.D

Acq: 29 Apr 2019 14:20

Tgt Ion: 84 Resp: 35534

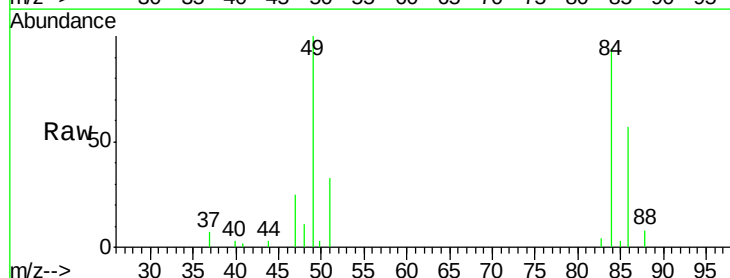
Ion Ratio Lower Upper

84 100

49 106.5 94.0 141.0

51 35.1 29.0 43.4

86 60.6 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

3.79

20000

15000

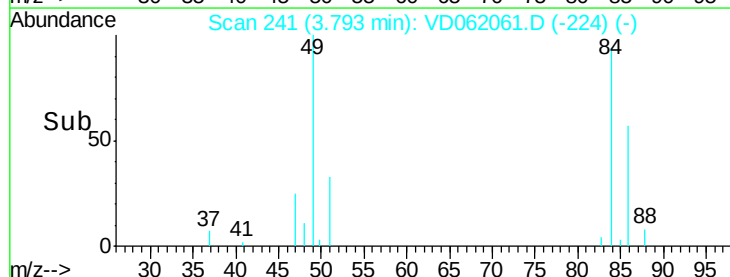
10000

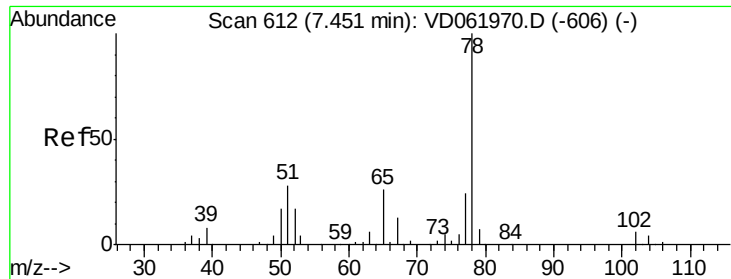
5000

0

3.70 3.80 3.90

Time-->

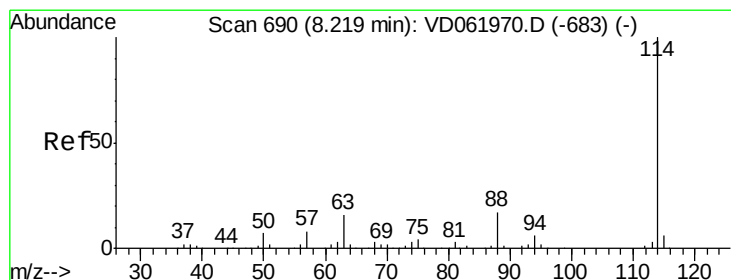
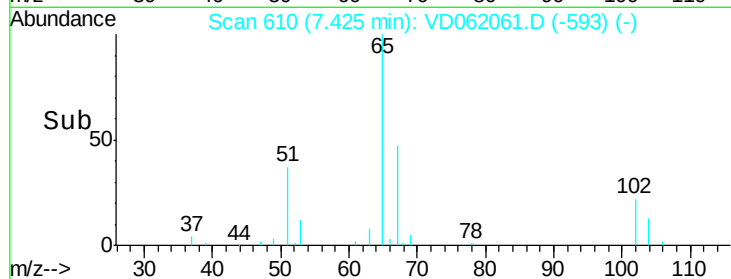
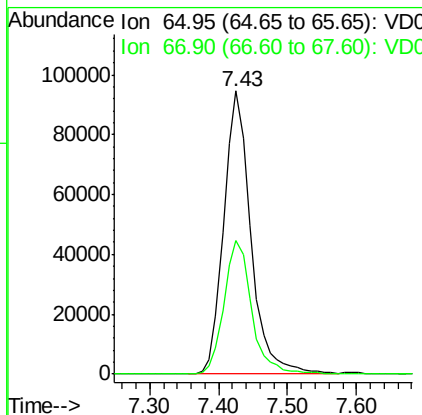
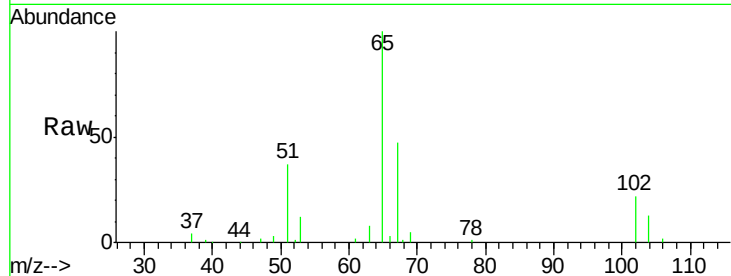




#33
 1,2-Dichloroethane-d4
 Concen: 54.056 ug/l
 RT: 7.43 min Scan# 610
 Delta R.T. -0.03 min
 Lab File: VD062061.D
 Acq: 29 Apr 2019 14:20

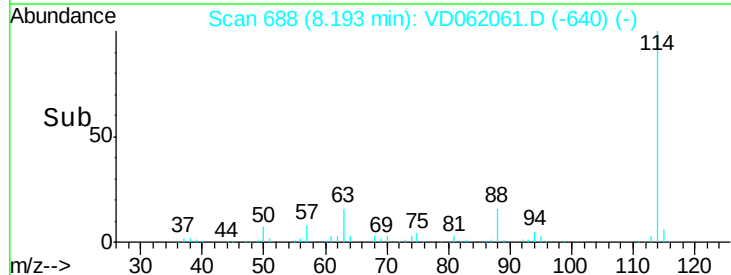
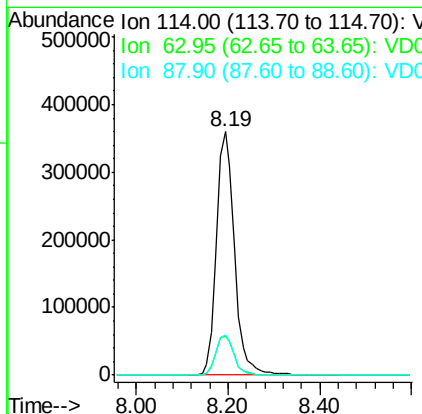
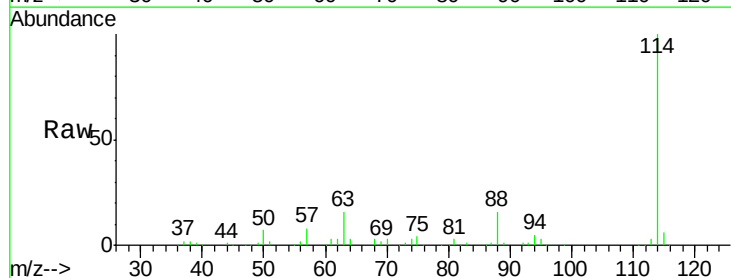
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0429SBL01

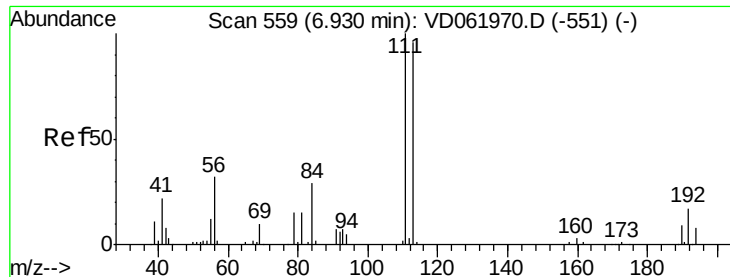
Tot Ion: 65 Resp: 257615
 Ion Ratio Lower Upper
 65 100
 67 47.1 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 688
 Delta R.T. -0.03 min
 Lab File: VD062061.D
 Acq: 29 Apr 2019 14:20

Tgt Ion: 114 Resp: 965452
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 32.4
 88 16.3 0.0 33.6





#35

Dibromofluoromethane

Concen: 52.864 ug/l

RT: 6.89 min Scan# 556

Delta R.T. -0.04 min

Lab File: VD062061.D

Acq: 29 Apr 2019 14:20

Instrument :

MSVOA_D

ClientSampleId :

VD0429SBL01

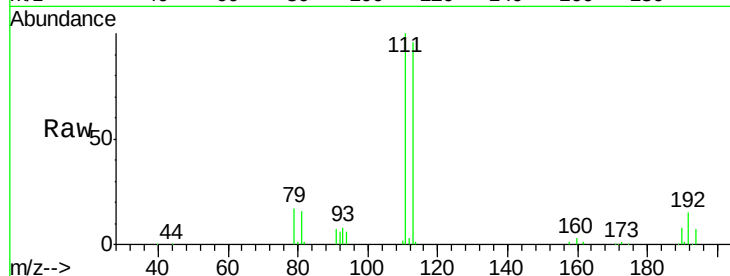
Tot Ion:113 Resp: 352977

Ion Ratio Lower Upper

113 100

111 103.9 78.5 117.7

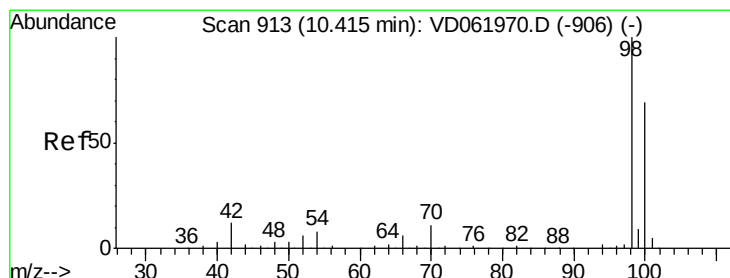
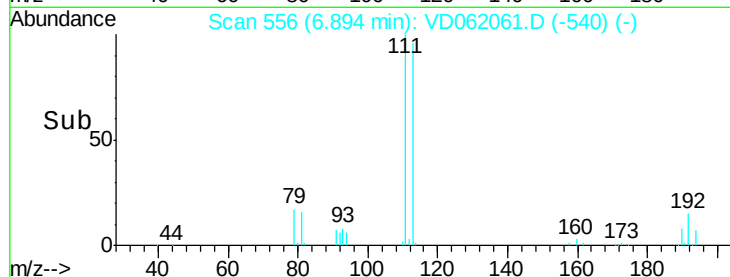
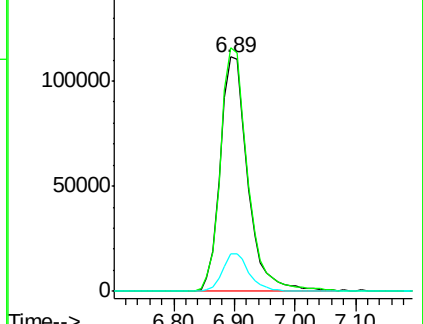
192 15.8 13.0 19.4



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: 55.652 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.03 min

Lab File: VD062061.D

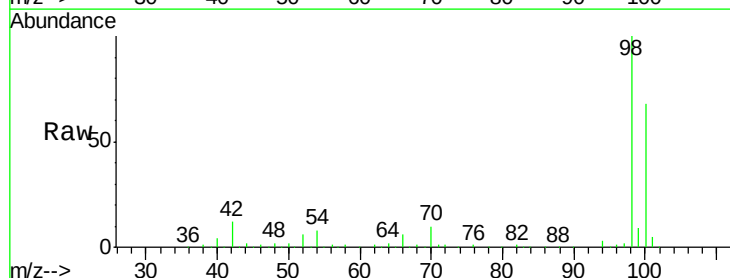
Acq: 29 Apr 2019 14:20

Tgt Ion: 98 Resp: 884196

Ion Ratio Lower Upper

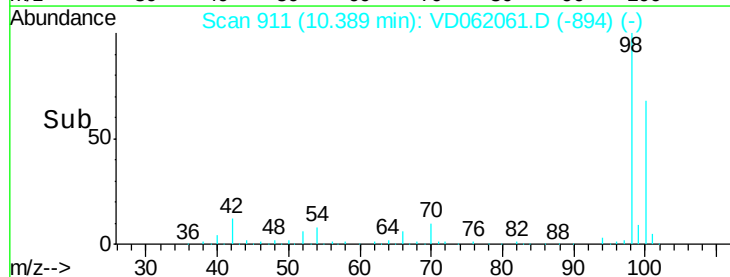
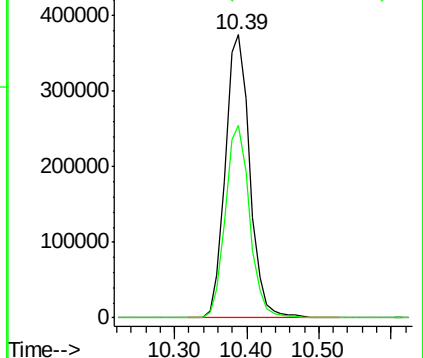
98 100

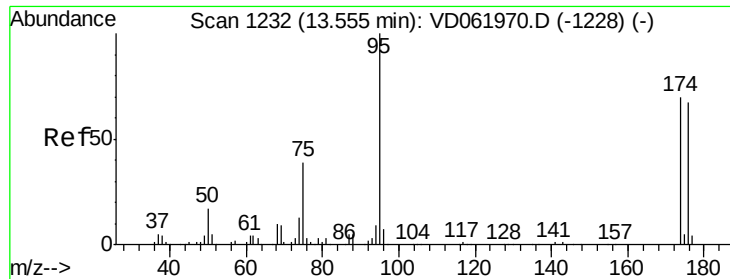
100 68.0 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

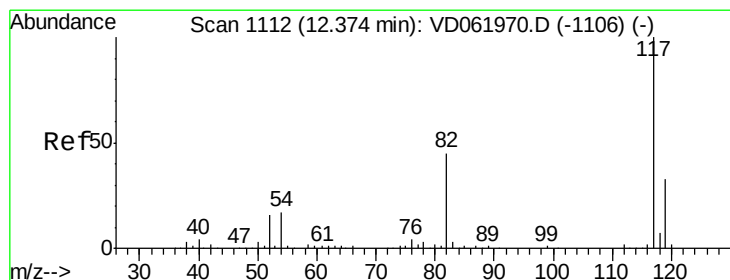
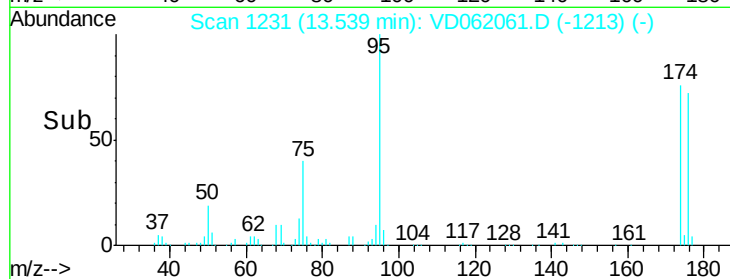
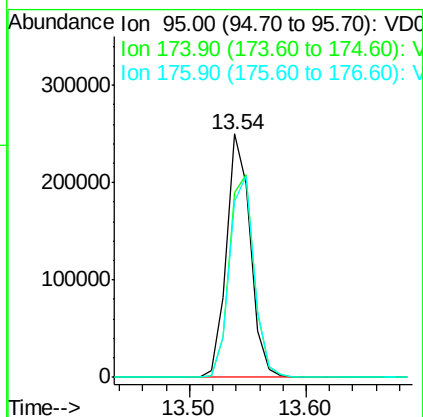
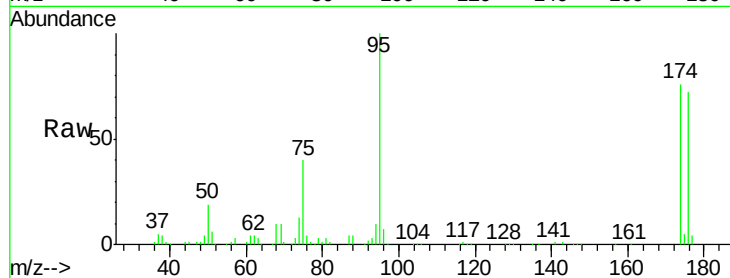




#62
4-Bromofluorobenzene
Concen: 55.519 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VD062061.D
Acq: 29 Apr 2019 14:20

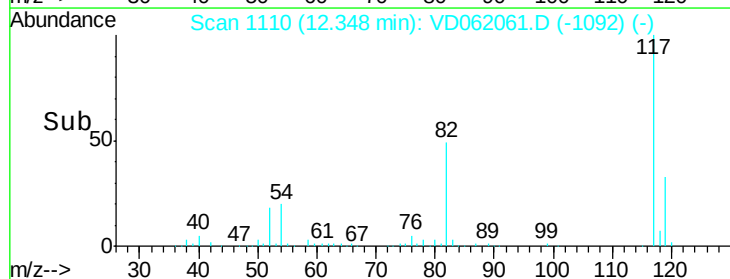
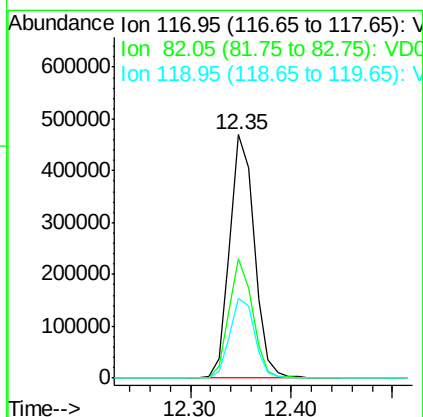
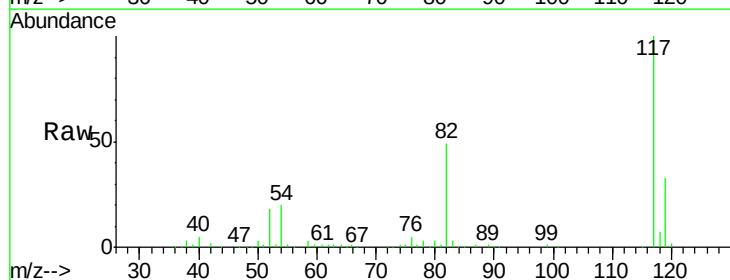
Instrument :
MSVOA_D
ClientSampleId :
VD0429SBL01

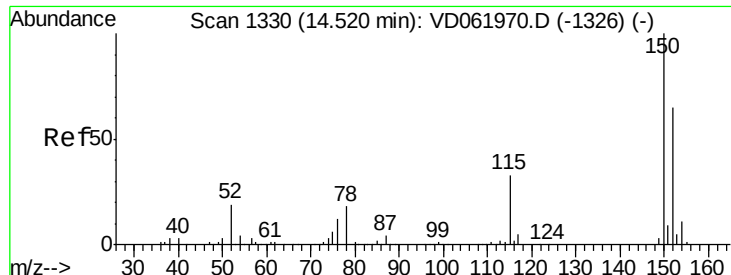
Tot Ion: 95 Resp: 353795
Ion Ratio Lower Upper
95 100
174 76.0 0.0 181.8
176 72.1 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062061.D
Acq: 29 Apr 2019 14:20

Tgt Ion: 117 Resp: 796825
Ion Ratio Lower Upper
117 100
82 49.1 36.2 54.2
119 32.7 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.50 min Scan# 1329

Delta R.T. -0.02 min

Lab File: VD062061.D

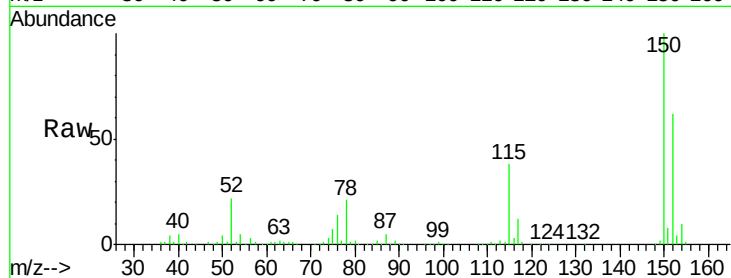
Acq: 29 Apr 2019 14:20

Instrument :

MSVOA_D

ClientSampleId :

VD0429SBL01



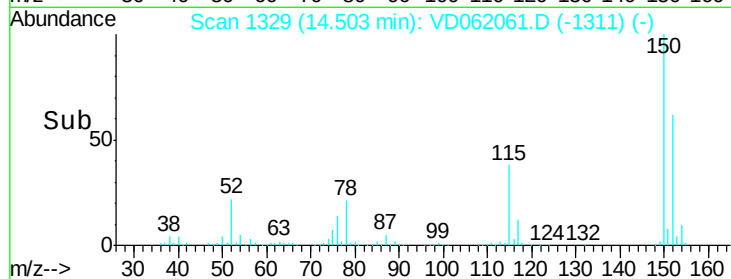
Tot Ion:152 Resp: 398997

Ion Ratio Lower Upper

152 100

115 60.7 30.9 92.7

150 160.0 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

