

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062819\
 Data File : VD062963.D
 Acq On : 28 Jun 2019 13:52
 Operator : VA/AP
 Sample : K3507-01
 Misc : 4.56g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-062619-A

Quant Time: Jun 29 00:51:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

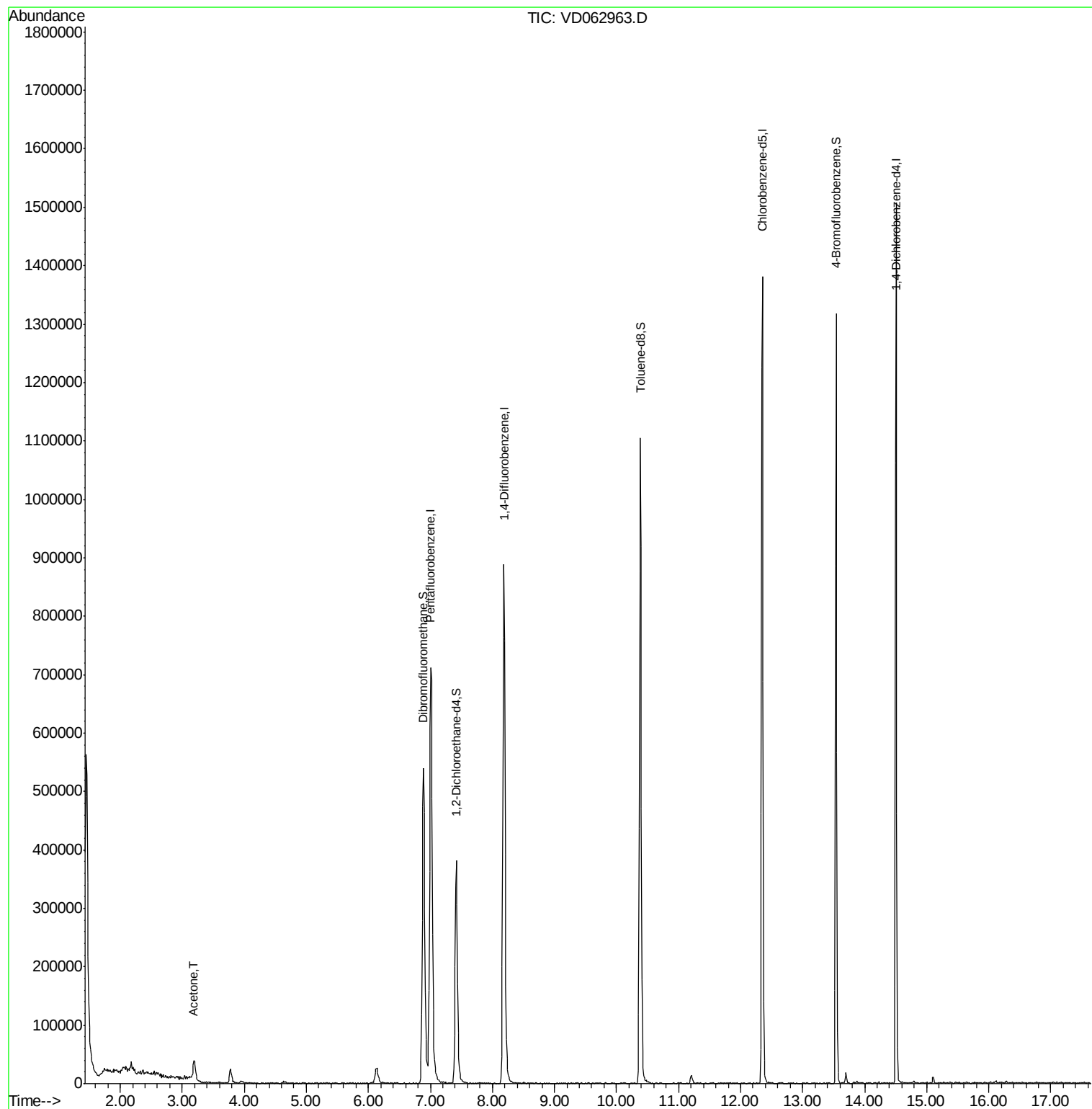
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	708904	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.19	114	956658	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	749076	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	323883	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	437218	56.74	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	113.48%	
35) Dibromofluoromethane	6.89	113	461600	57.22	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	114.44%	
50) Toluene-d8	10.38	98	897398	51.12	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	102.24%	
62) 4-Bromofluorobenzene	13.54	95	357997	44.84	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	89.68%	
Target Compounds						
16) Acetone	3.19	43	76269	43.016	ug/l	Qvalue 99

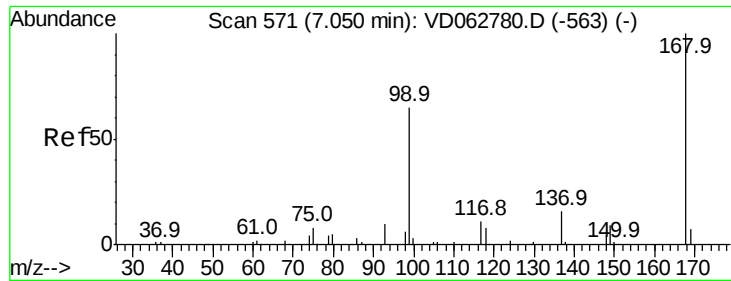
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.01 min Scan# 567

Delta R.T. -0.04 min

Lab File: VD062963.D

Acq: 28 Jun 2019 13:52

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MSVOA_D

ClientSampleId :

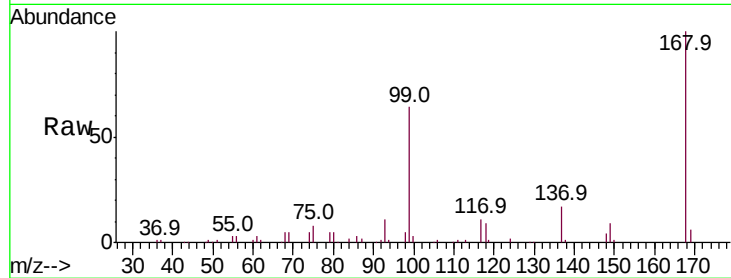
NB-07-062619-A

Tot Ion:168 Resp: 708904

Ion Ratio Lower Upper

168 100

99 64.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.01

250000

200000

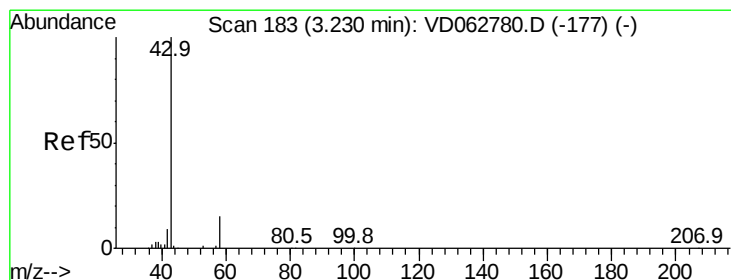
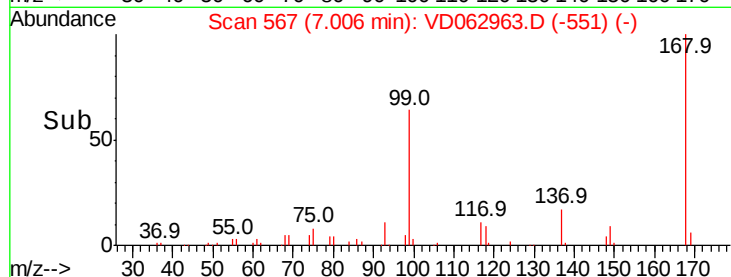
150000

100000

50000

0

Time--> 6.80 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 43.016 ug/l

RT: 3.19 min Scan# 179

Delta R.T. -0.04 min

Lab File: VD062963.D

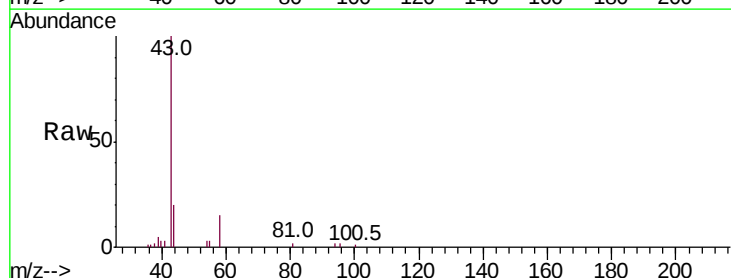
Acq: 28 Jun 2019 13:52

Tgt Ion: 43 Resp: 76269

Ion Ratio Lower Upper

43 100

58 14.6 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.19

25000

20000

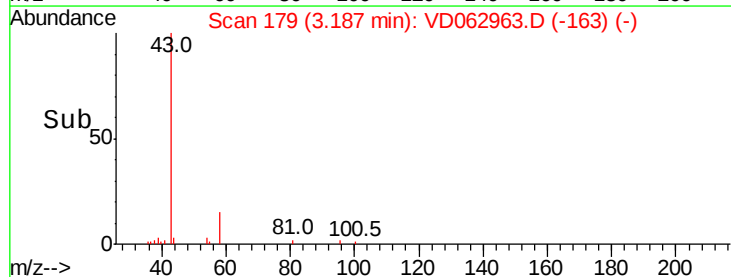
15000

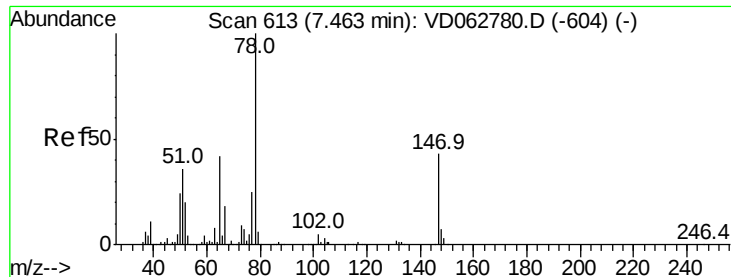
10000

5000

0

Time--> 3.10 3.20 3.30 3.40

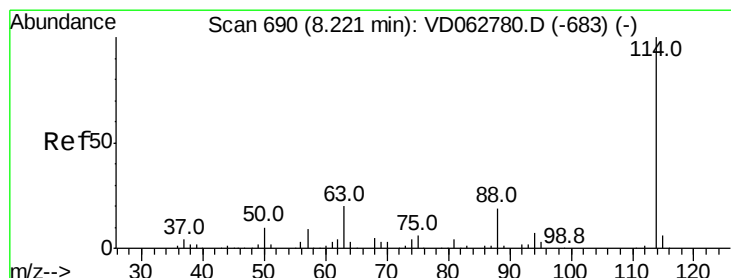
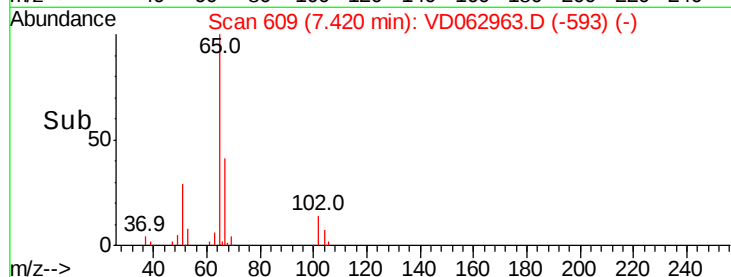
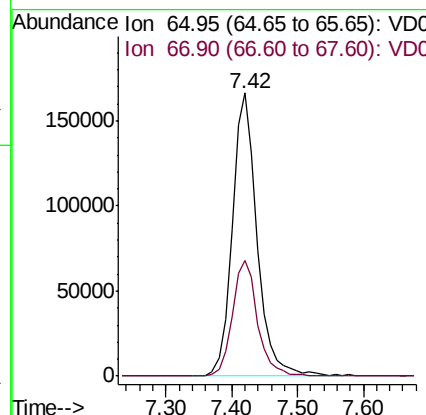
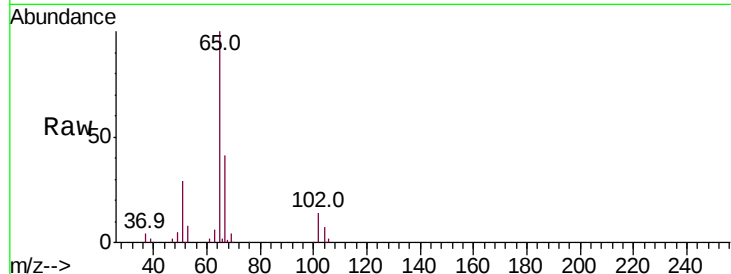




#33
 1,2-Dichloroethane-d4
 Concen: 56.740 ug/l
 RT: 7.42 min Scan# 609
 Delta R.T. -0.04 min
 Lab File: VD062963.D
 Acq: 28 Jun 2019 13:52

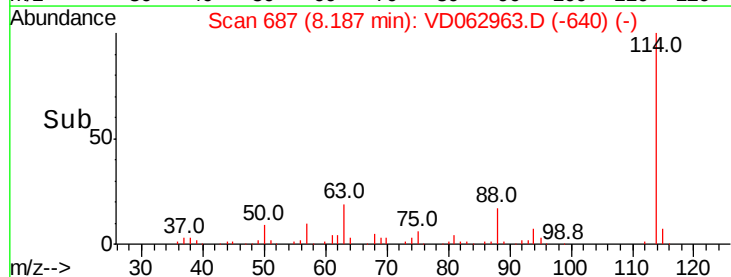
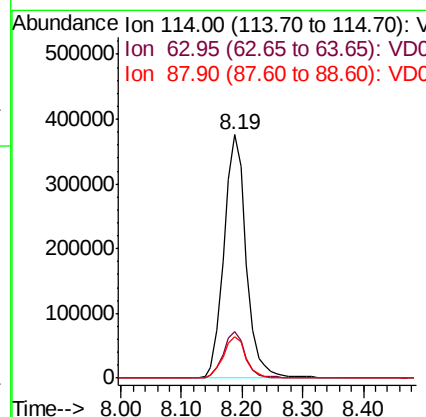
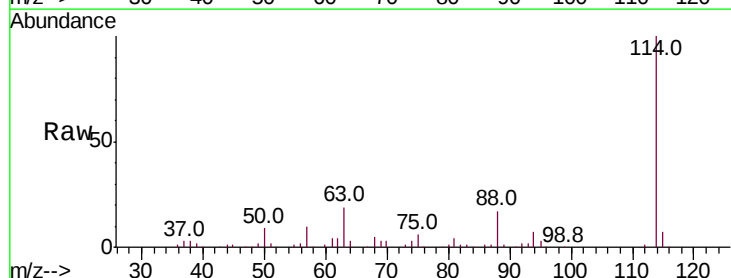
Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-062619-A

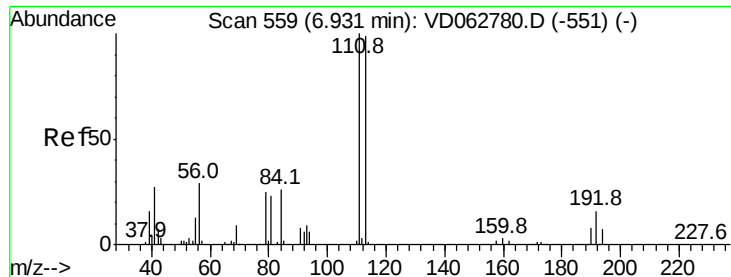
Tot Ion: 65 Resp: 437218
 Ion Ratio Lower Upper
 65 100
 67 40.8 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 687
 Delta R.T. -0.03 min
 Lab File: VD062963.D
 Acq: 28 Jun 2019 13:52

Tgt Ion: 114 Resp: 956658
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.0
 88 16.8 0.0 38.8





#35

Dibromofluoromethane

Concen: 57.224 ug/l

RT: 6.89 min Scan# 555

Delta R.T. -0.04 min

Lab File: VD062963.D

Acq: 28 Jun 2019 13:52

Instrument :

MSVOA_D

ClientSampleId :

NB-07-062619-A

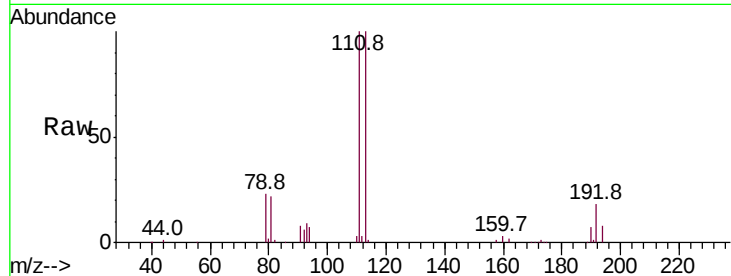
Tot Ion:113 Resp: 461600

Ion Ratio Lower Upper

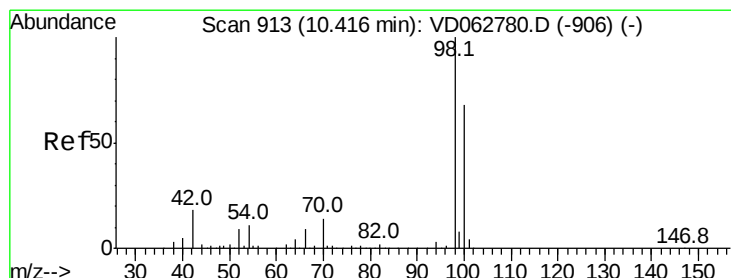
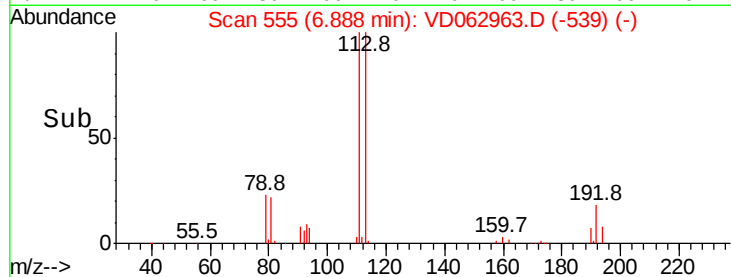
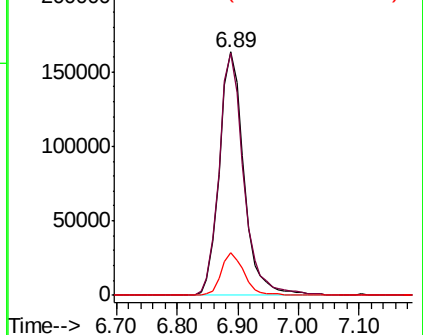
113 100

111 99.6 81.2 121.8

192 17.5 12.9 19.3



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: 51.115 ug/l

RT: 10.38 min Scan# 910

Delta R.T. -0.03 min

Lab File: VD062963.D

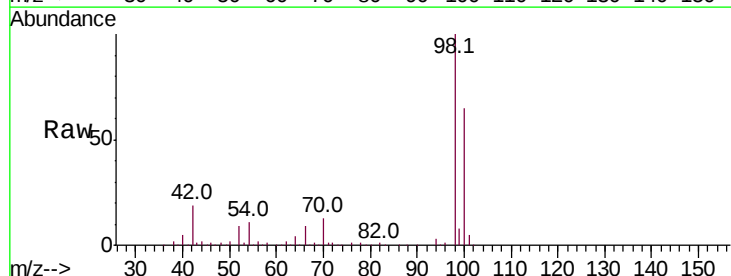
Acq: 28 Jun 2019 13:52

Tgt Ion: 98 Resp: 897398

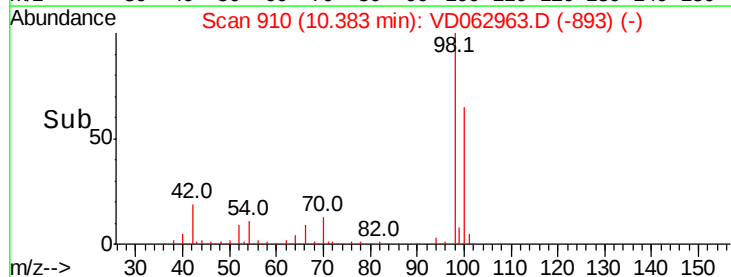
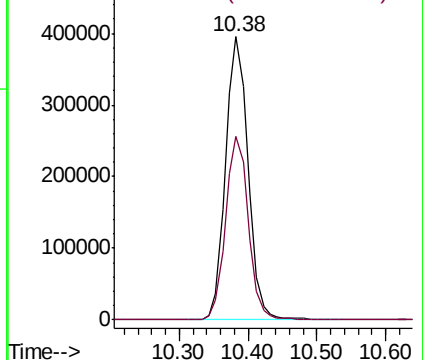
Ion Ratio Lower Upper

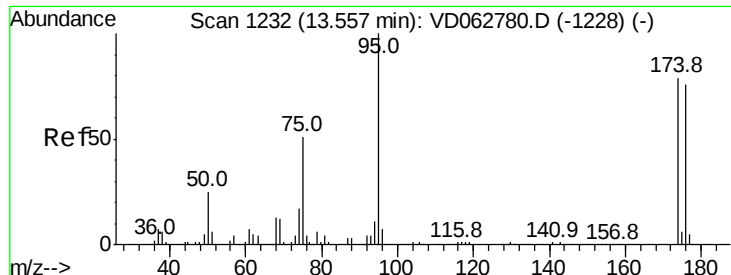
98 100

100 65.0 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

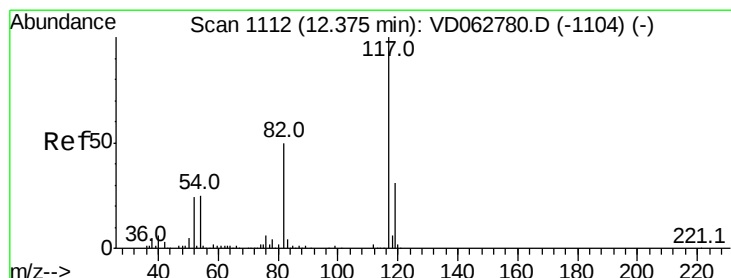
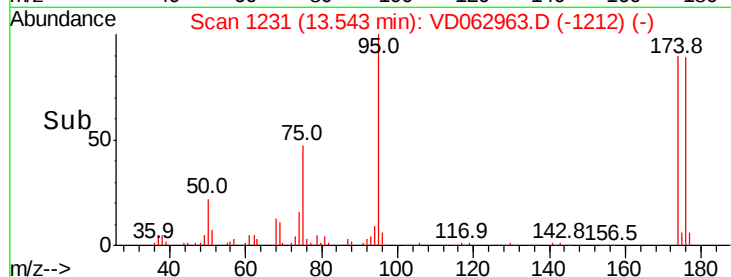
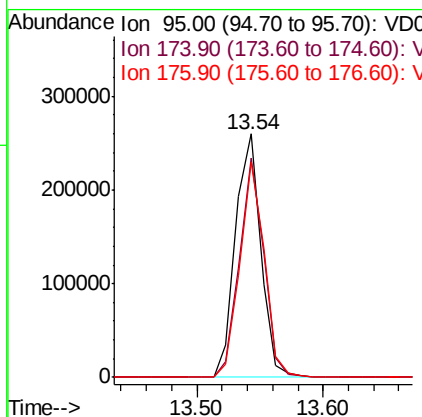
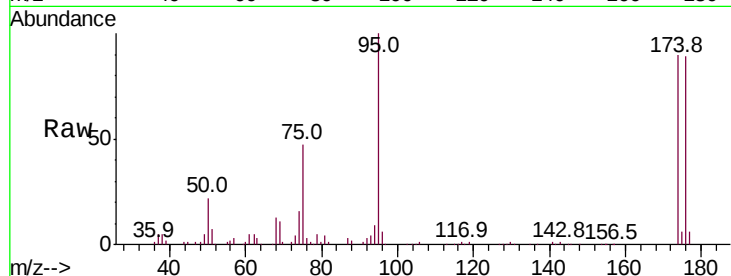




#62
4-Bromofluorobenzene
Concen: 44.845 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062963.D
Acq: 28 Jun 2019 13:52

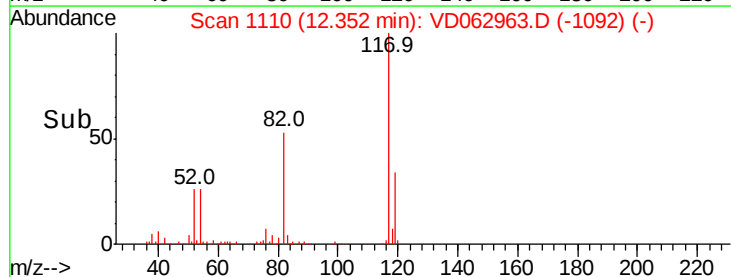
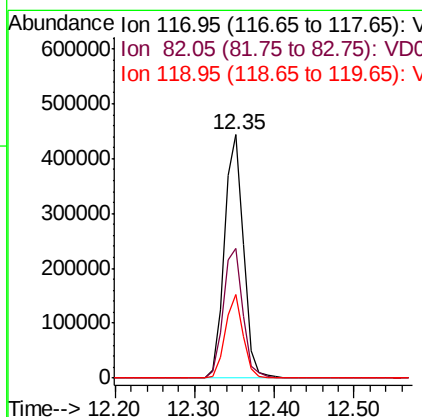
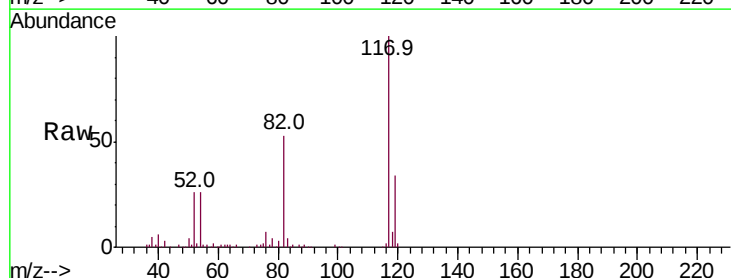
Instrument :
MSVOA_D
ClientSampleId :
NB-07-062619-A

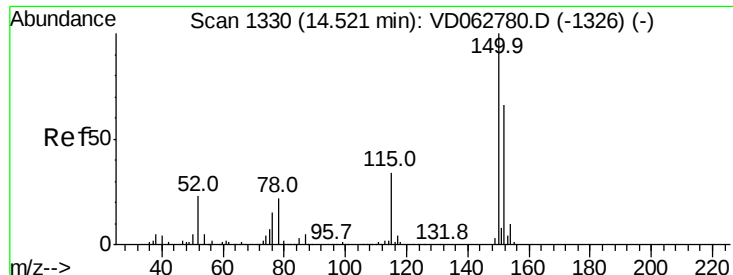
Tot Ion: 95 Resp: 357997
Ion Ratio Lower Upper
95 100
174 89.9 0.0 158.0
176 88.7 0.0 151.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062963.D
Acq: 28 Jun 2019 13:52

Tgt Ion: 117 Resp: 749076
Ion Ratio Lower Upper
117 100
82 53.3 40.4 60.6
119 34.1 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD062963.D

Acq: 28 Jun 2019 13:52

Instrument :

MSVOA_D

ClientSampleId :

NB-07-062619-A

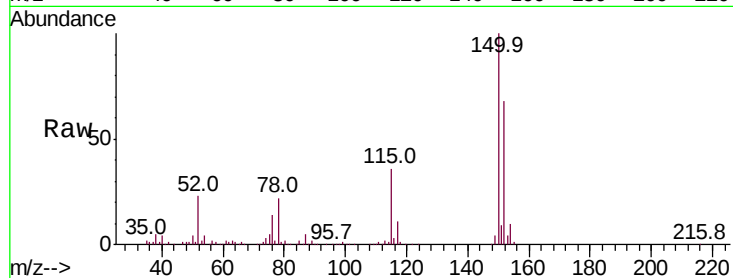
Tot Ion:152 Resp: 323883

Ion Ratio Lower Upper

152 100

115 53.5 29.2 87.6

150 146.7 0.0 305.8



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

