

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062881.D
 Acq On : 25 Jun 2019 16:09
 Operator : VA/AP
 Sample : K3511-03
 Misc : 6.25g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-2

Quant Time: Jun 26 06:40:06 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

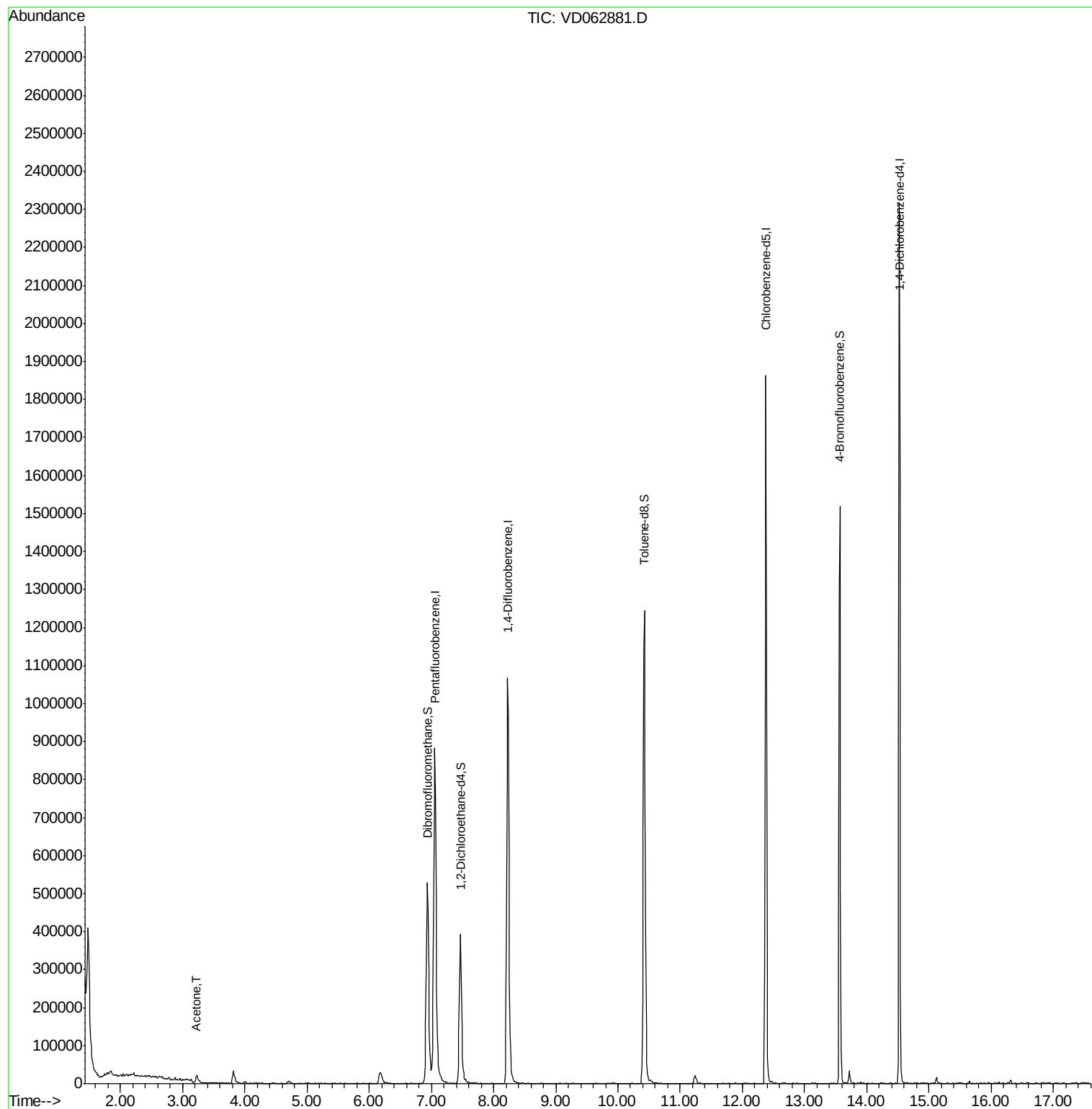
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	832574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1155965	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	972450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	498468	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	446097	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
35) Dibromofluoromethane	6.94	113	480534	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
50) Toluene-d8	10.42	98	1024313	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	13.56	95	442552	45.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.76%	
Target Compounds						
16) Acetone	3.23	43	40988	15.780	ug/l #	Qvalue 81

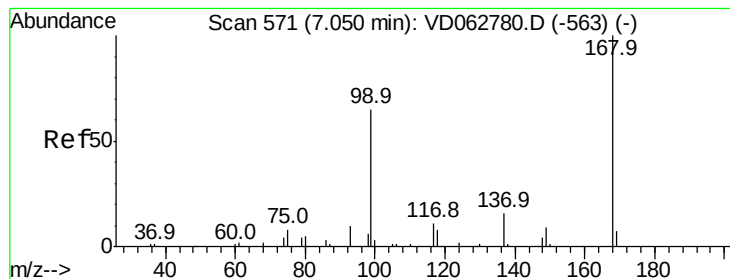
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

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Instrument :

MSVOA_D

ClientSampleId :

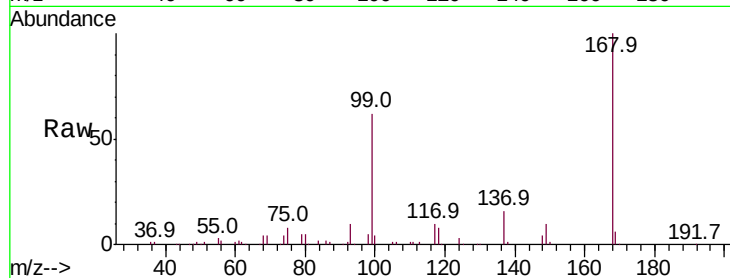
COMP-2

Tot Ion:168 Resp: 832574

Ion Ratio Lower Upper

168 100

99 62.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

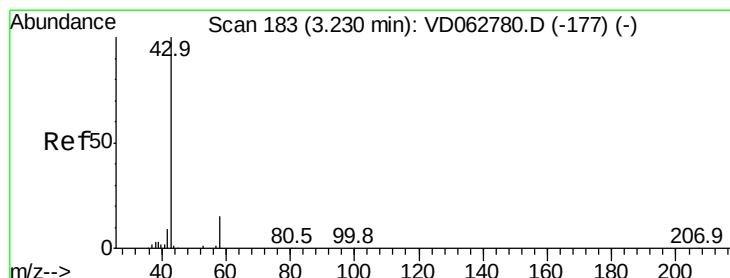
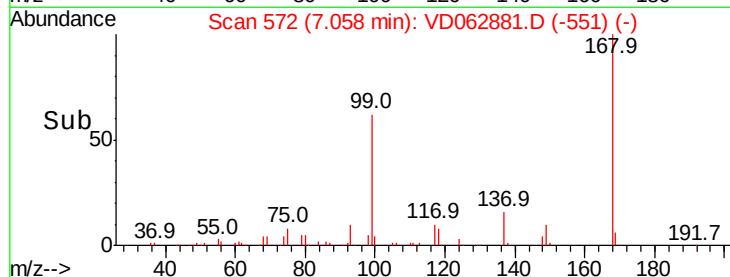
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 15.780 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062881.D

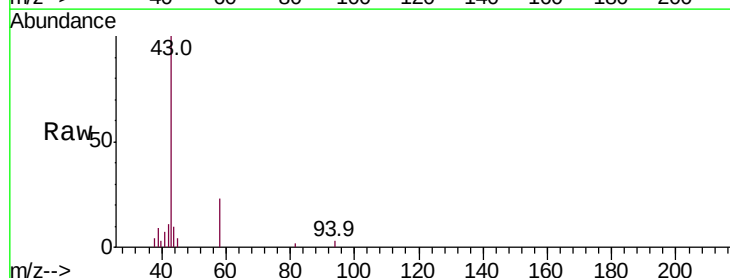
Acq: 25 Jun 2019 16:09

Tgt Ion: 43 Resp: 40988

Ion Ratio Lower Upper

43 100

58 22.6 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

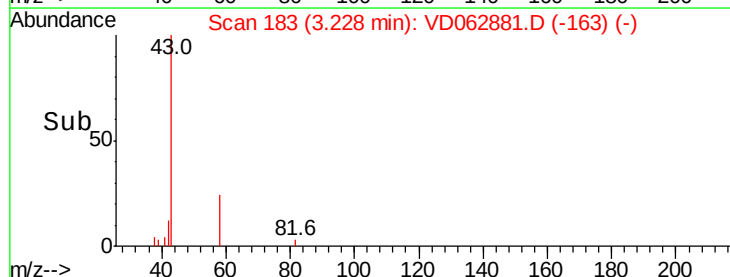
15000

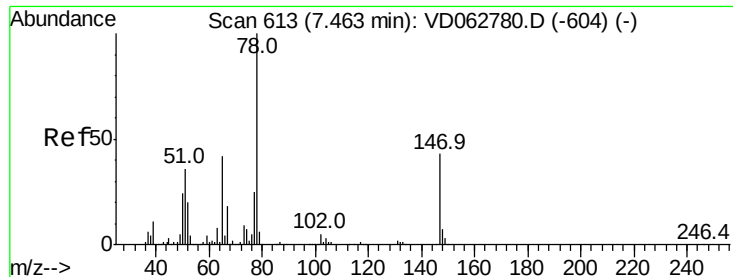
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.293 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD062881.D

Acq: 25 Jun 2019 16:09

Instrument :

MSVOA_D

ClientSampleId :

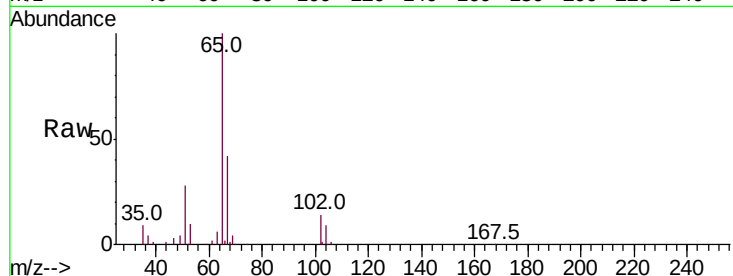
COMP-2

Tot Ion: 65 Resp: 446097

Ion Ratio Lower Upper

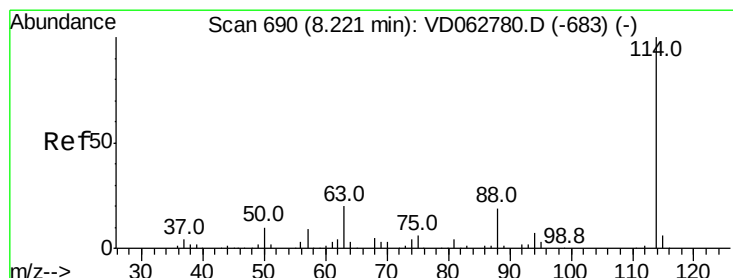
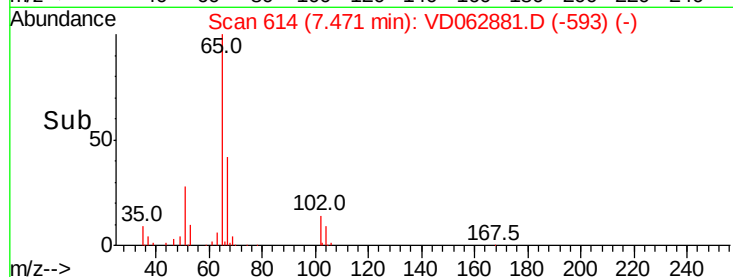
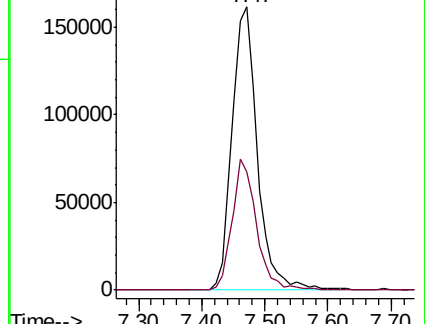
65 100

67 41.9 0.0 87.4



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: VD062881.D

Acq: 25 Jun 2019 16:09

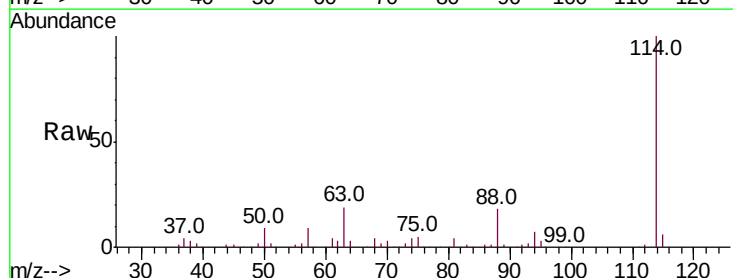
Tgt Ion: 114 Resp: 1155965

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

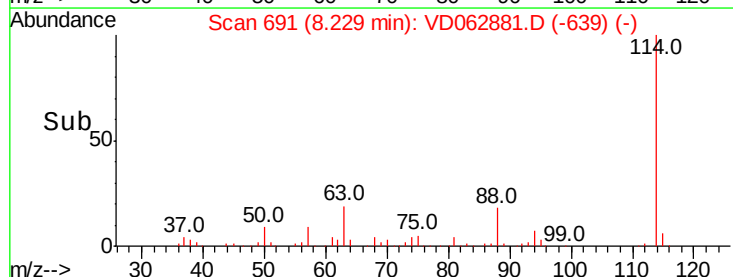
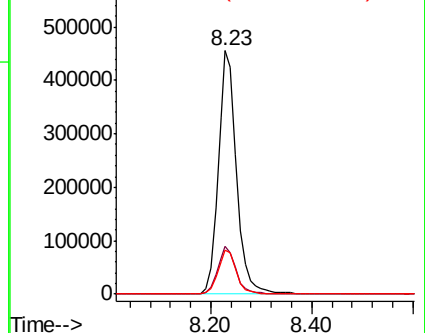
88 17.9 0.0 38.8

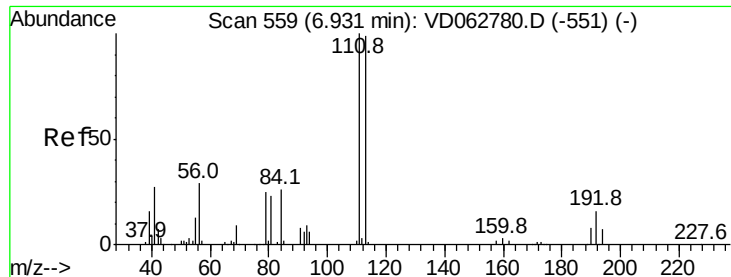


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 49.300 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD062881.D

Acq: 25 Jun 2019 16:09

Instrument :

MSVOA_D

ClientSampleId :

COMP-2

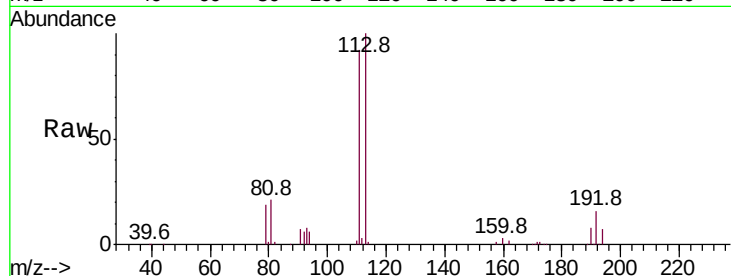
Tot Ion:113 Resp: 480534

Ion Ratio Lower Upper

113 100

111 92.3 81.2 121.8

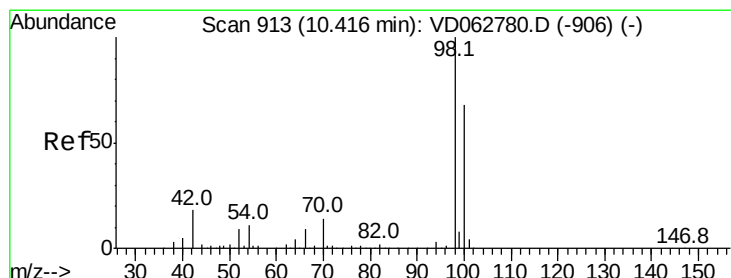
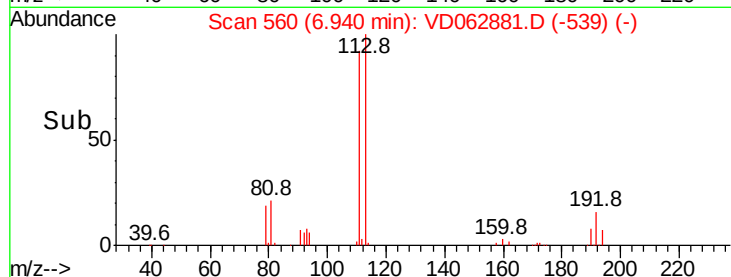
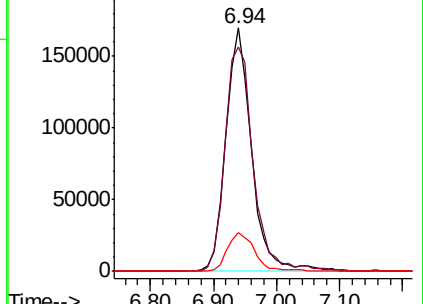
192 15.8 12.9 19.3



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: 48.285 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD062881.D

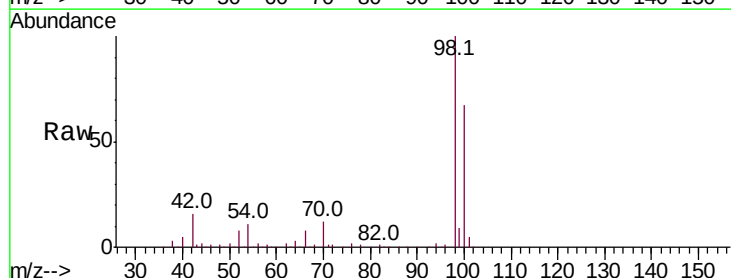
Acq: 25 Jun 2019 16:09

Tgt Ion: 98 Resp: 1024313

Ion Ratio Lower Upper

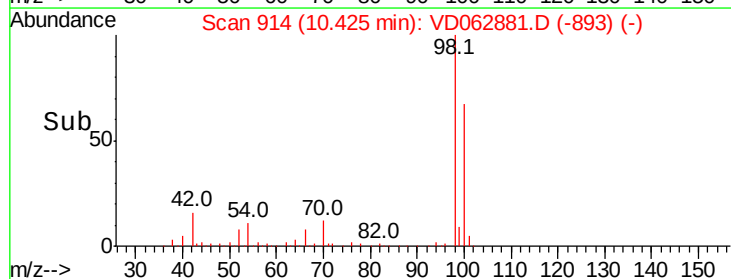
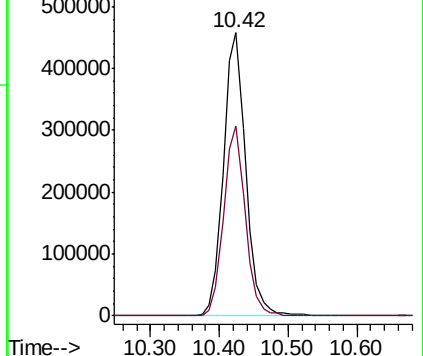
98 100

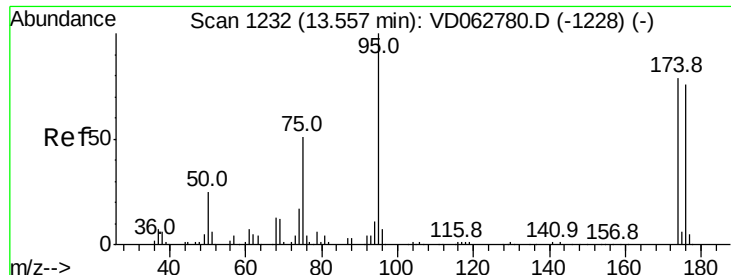
100 67.0 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

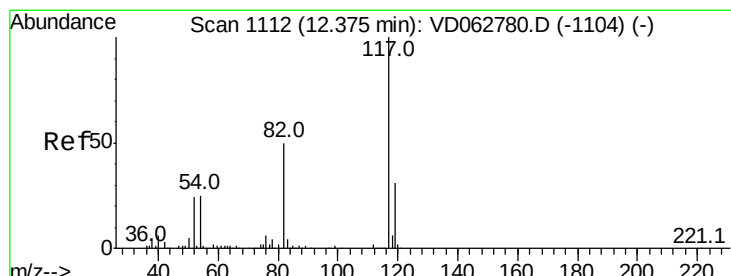
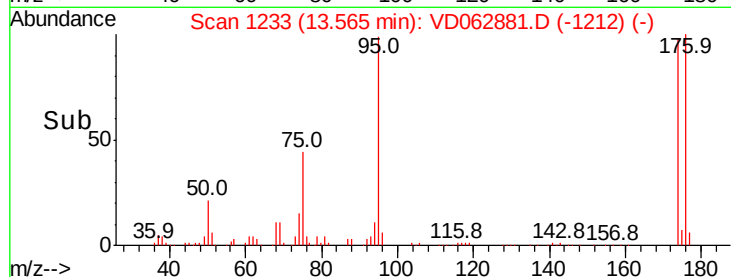
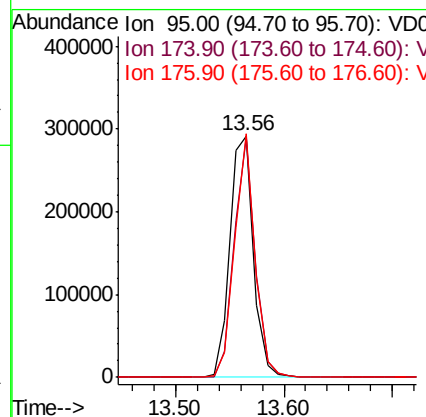
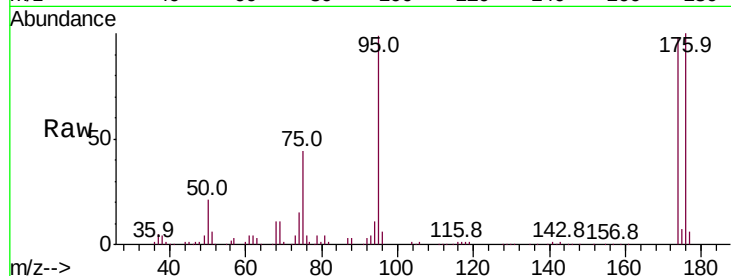




#62
4-Bromofluorobenzene
Concen: 45.878 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062881.D
Acq: 25 Jun 2019 16:09

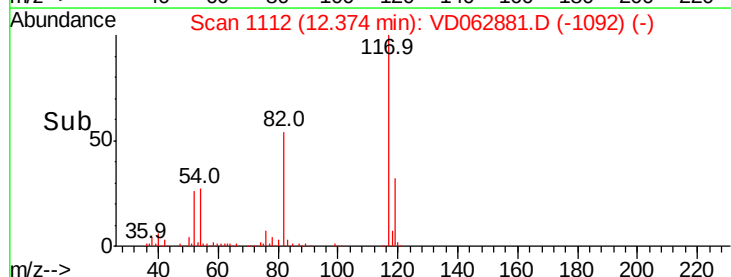
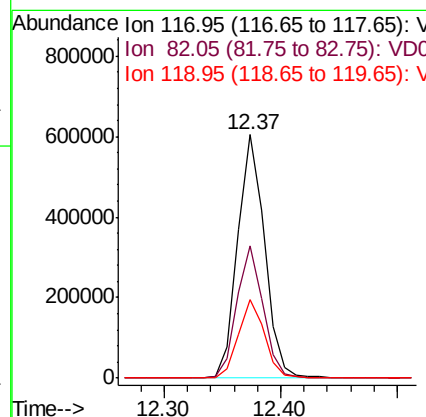
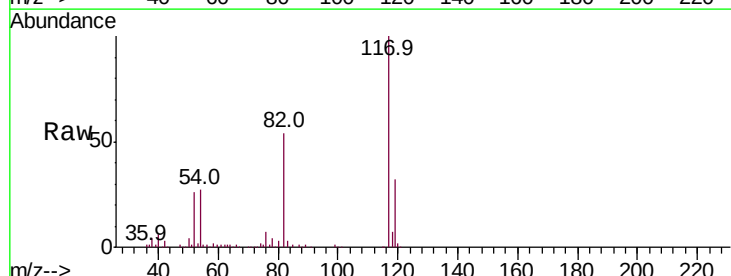
Instrument :
MSVOA_D
ClientSampleId :
COMP-2

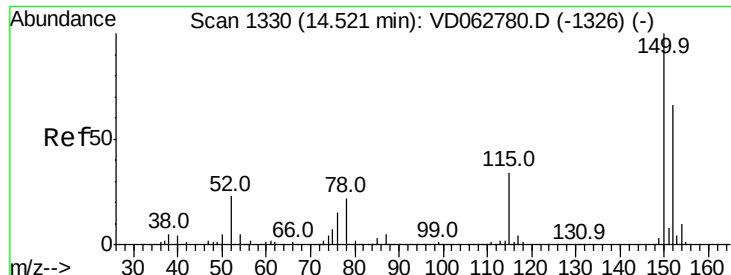
Tot Ion: 95 Resp: 442552
Ion Ratio Lower Upper
95 100
174 99.2 0.0 158.0
176 101.0 0.0 151.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062881.D
Acq: 25 Jun 2019 16:09

Tgt Ion: 117 Resp: 972450
Ion Ratio Lower Upper
117 100
82 54.4 40.4 60.6
119 32.4 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD062881.D

Acq: 25 Jun 2019 16:09

Instrument :

MSVOA_D

ClientSampleId :

COMP-2

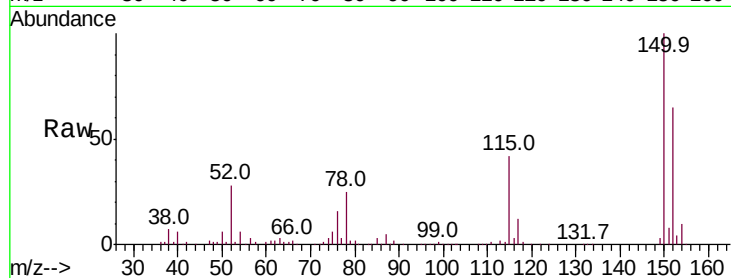
Tot Ion:152 Resp: 498468

Ion Ratio Lower Upper

152 100

115 64.8 29.2 87.6

150 153.9 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

