

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
 Data File : VD062818.D
 Acq On : 21 Jun 2019 16:04
 Operator : VA/AP
 Sample : K3482-01
 Misc : 5.42g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Jun 22 04:51:19 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

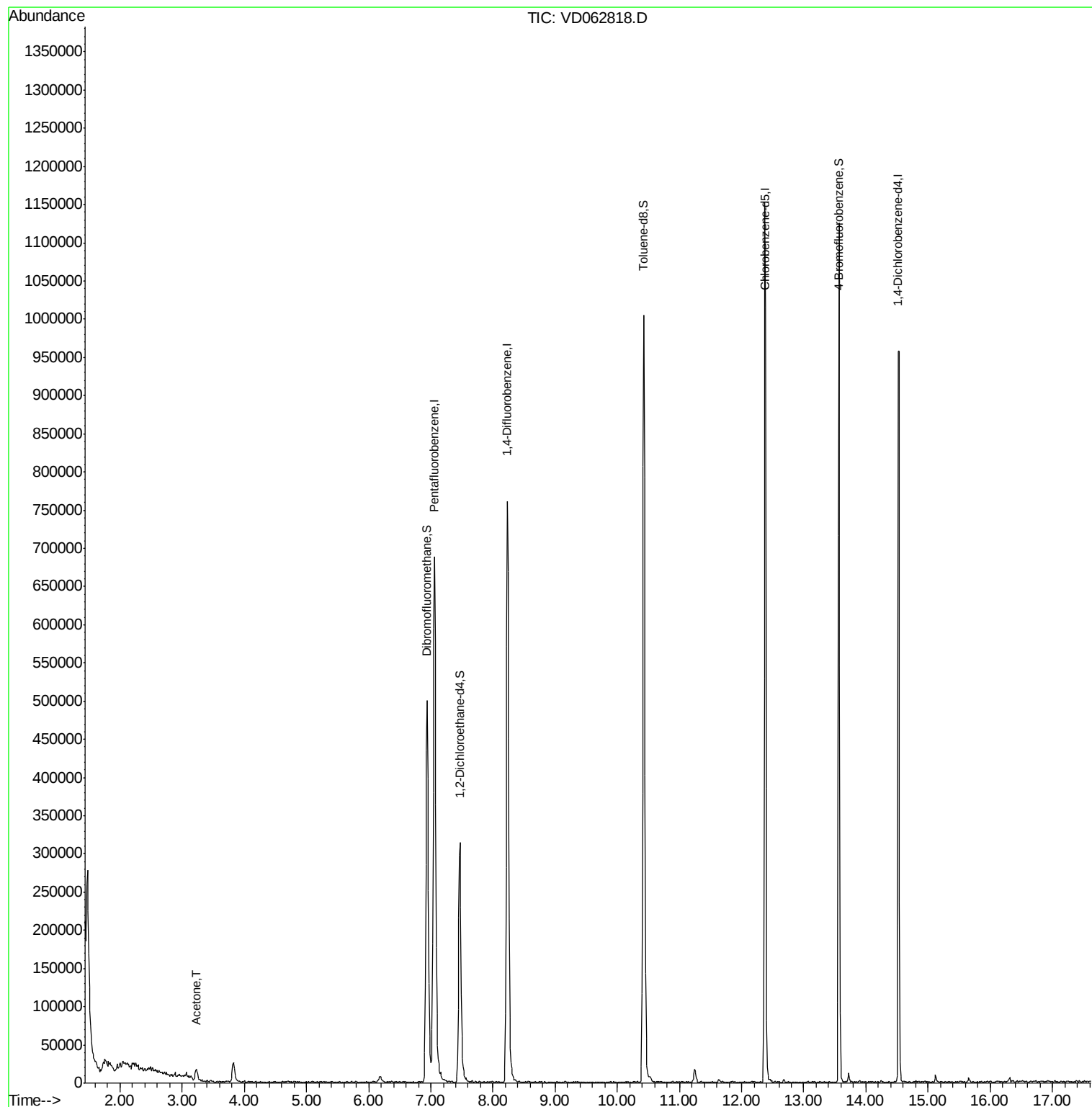
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	631178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	798045	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	609250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	233199	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	365385	53.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.52%	
35) Dibromofluoromethane	6.94	113	421782	62.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.36%	
50) Toluene-d8	10.43	98	796153	54.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.72%	
62) 4-Bromofluorobenzene	13.57	95	297850	44.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.46%	
Target Compounds						
16) Acetone	3.23	43	31171	15.852	ug/l	Qvalue 93

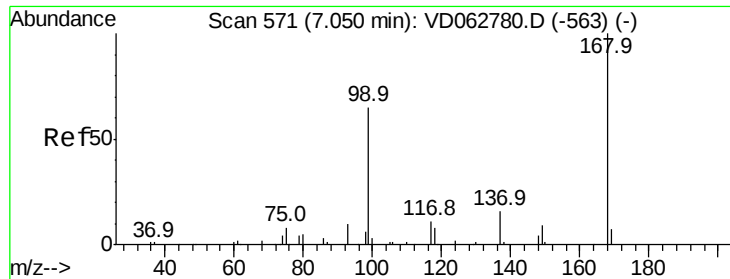
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 20 01:50:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062818.D

Acq: 21 Jun 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

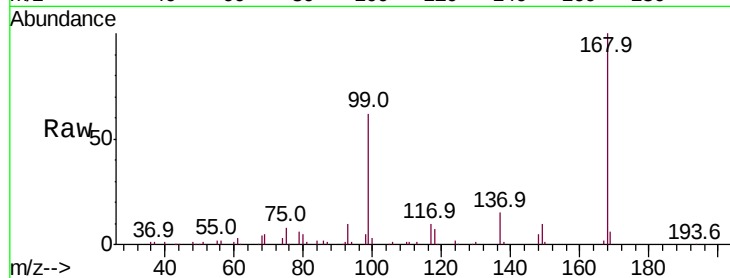
TP-1

Tot Ion:168 Resp: 631178

Ion Ratio Lower Upper

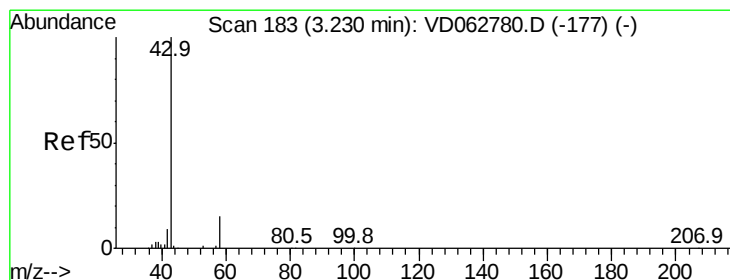
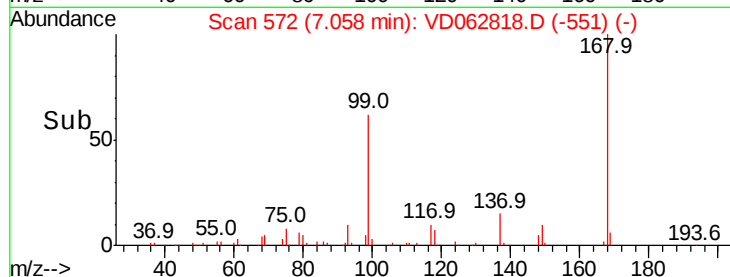
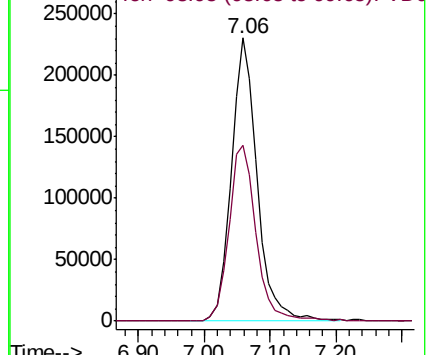
168 100

99 62.0 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 15.852 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062818.D

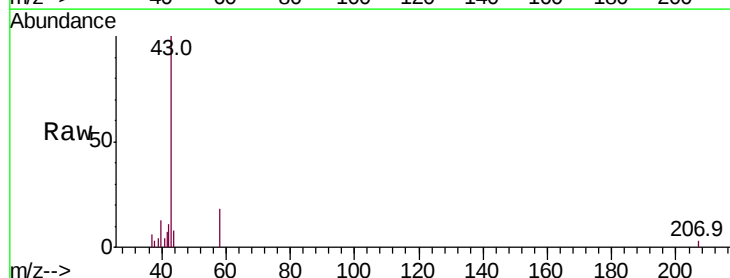
Acq: 21 Jun 2019 16:04

Tgt Ion: 43 Resp: 31171

Ion Ratio Lower Upper

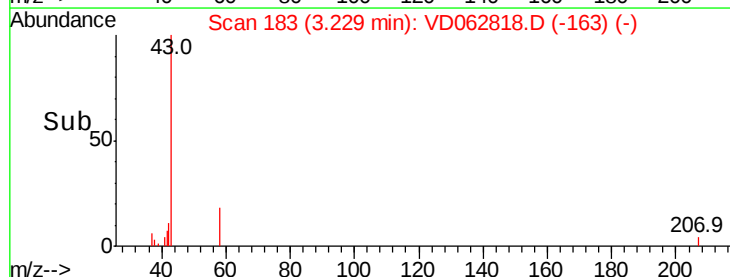
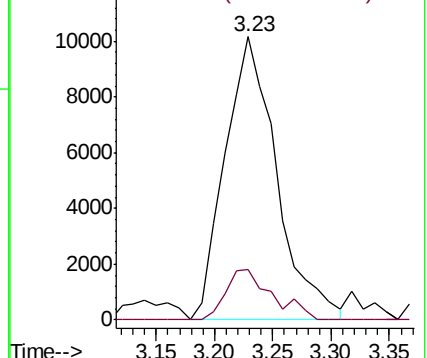
43 100

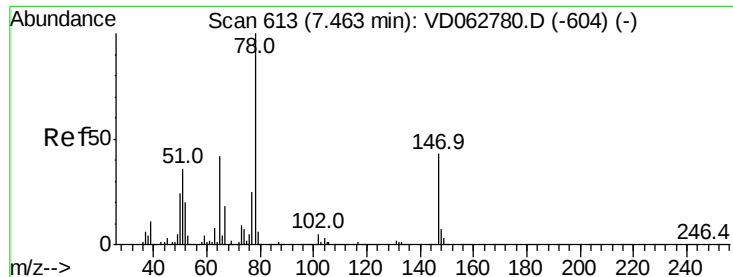
58 17.8 11.9 17.9



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: 53.257 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD062818.D

Acq: 21 Jun 2019 16:04

Instrument :

MSVOA_D

ClientSampled :

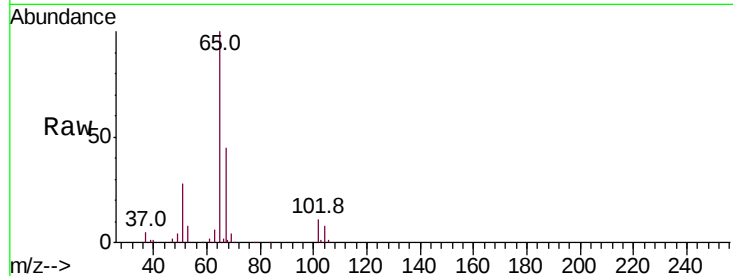
TP-1

Tot Ion: 65 Resp: 365385

Ion Ratio Lower Upper

65 100

67 44.5 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

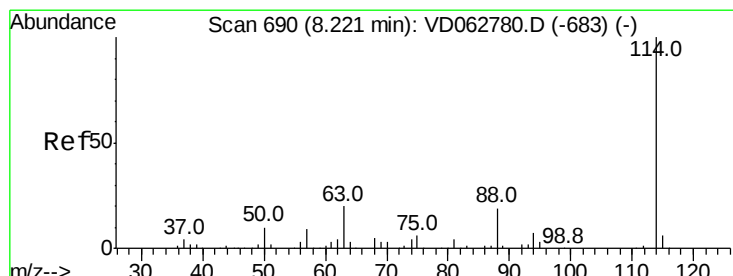
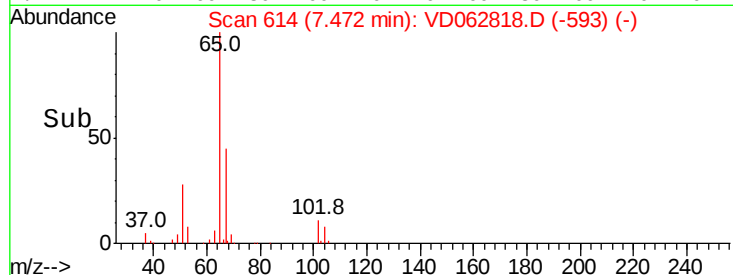
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD062818.D

Acq: 21 Jun 2019 16:04

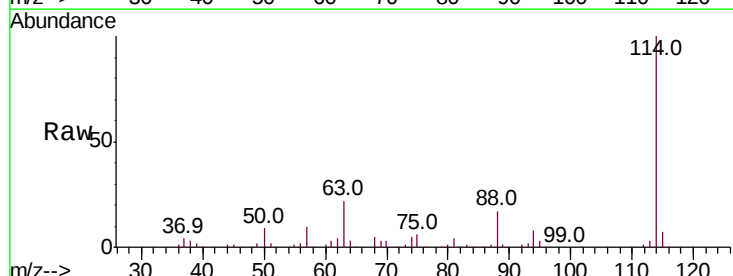
Tgt Ion: 114 Resp: 798045

Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 16.7 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

8.23

400000

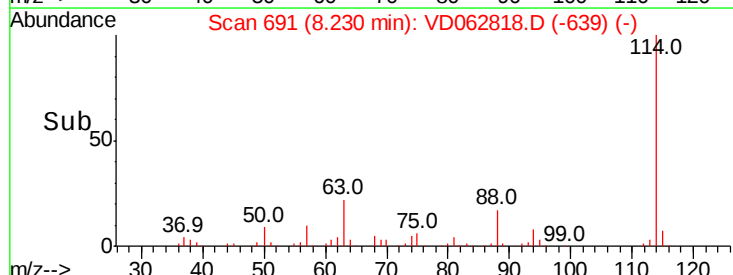
300000

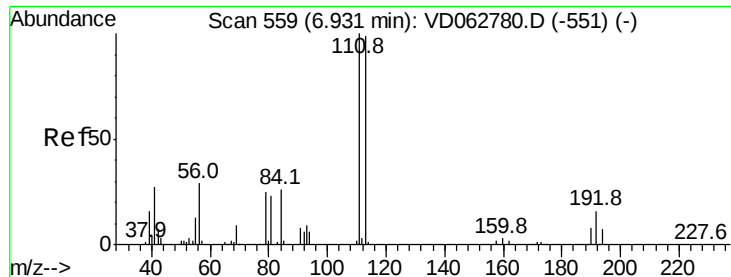
200000

100000

0

Time--> 8.20 8.40





#35

Dibromofluoromethane

Concen: 62.680 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD062818.D

Acq: 21 Jun 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

TP-1

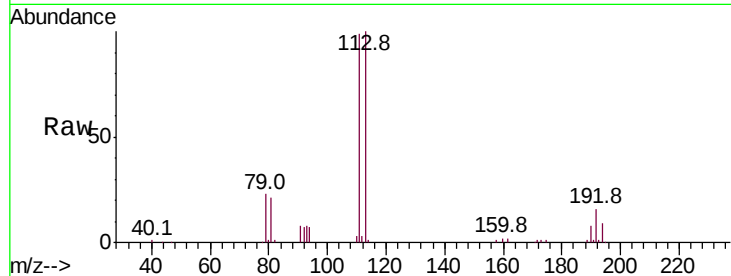
Tot Ion:113 Resp: 421782

Ion Ratio Lower Upper

113 100

111 98.9 81.2 121.8

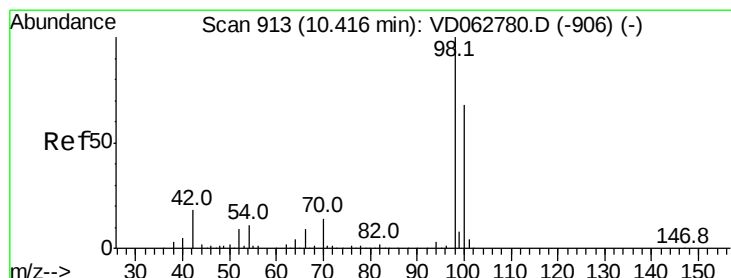
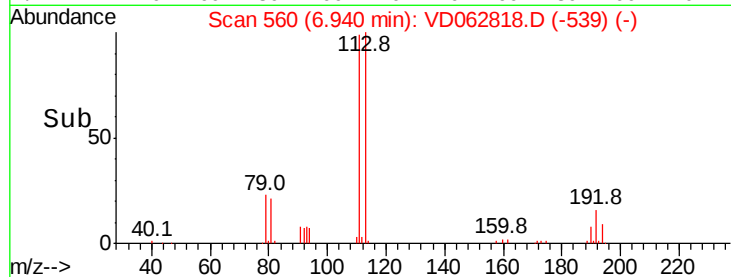
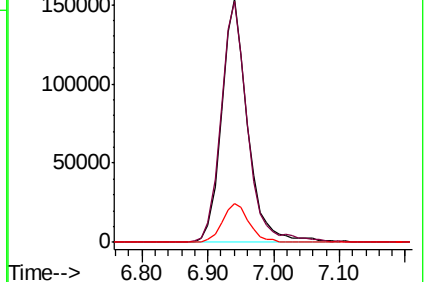
192 15.8 12.9 19.3



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: 54.361 ug/l

RT: 10.43 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD062818.D

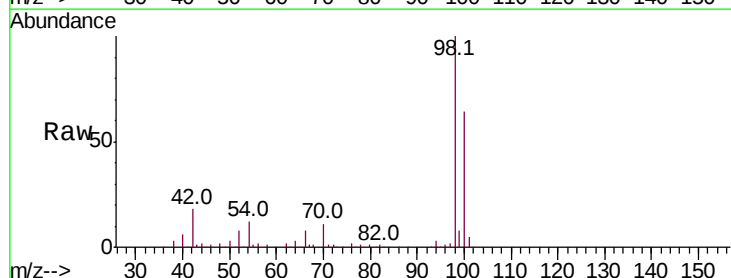
Acq: 21 Jun 2019 16:04

Tgt Ion: 98 Resp: 796153

Ion Ratio Lower Upper

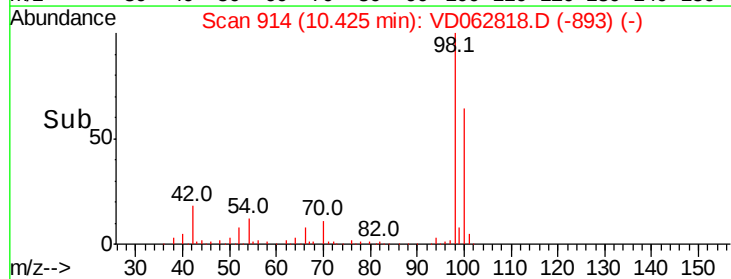
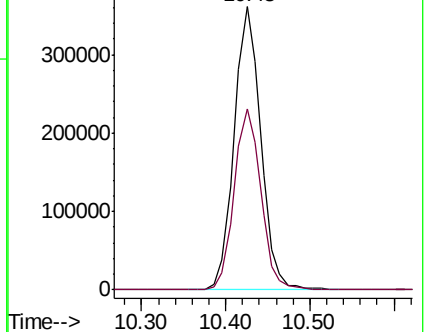
98 100

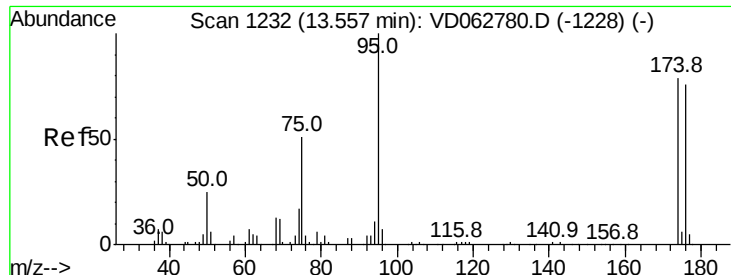
100 64.1 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

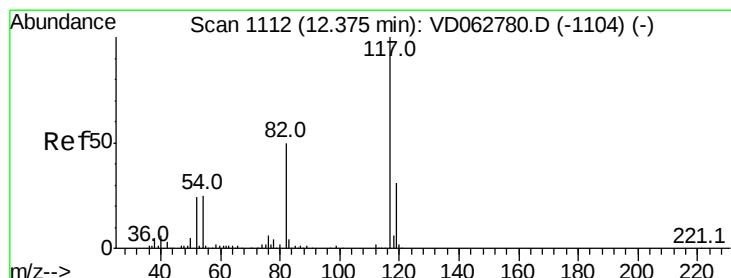
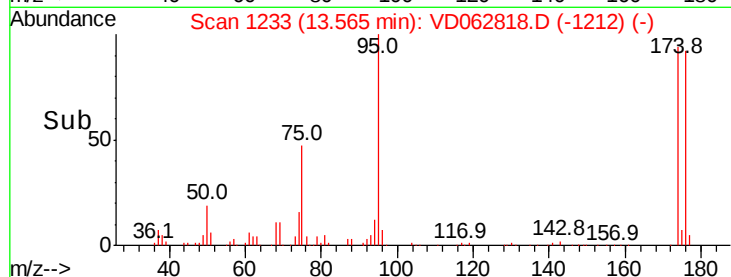
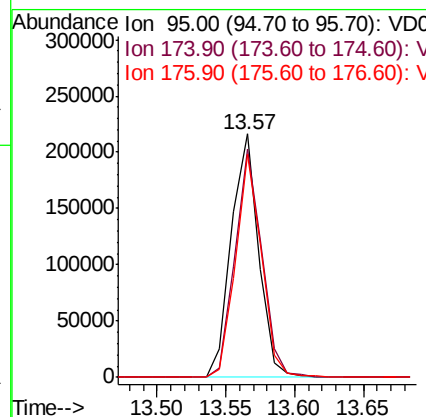
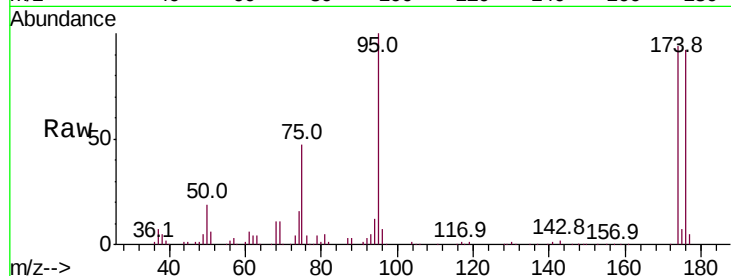




#62
 4-Bromofluorobenzene
 Concen: 44.726 ug/l
 RT: 13.57 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: VD062818.D
 Acq: 21 Jun 2019 16:04

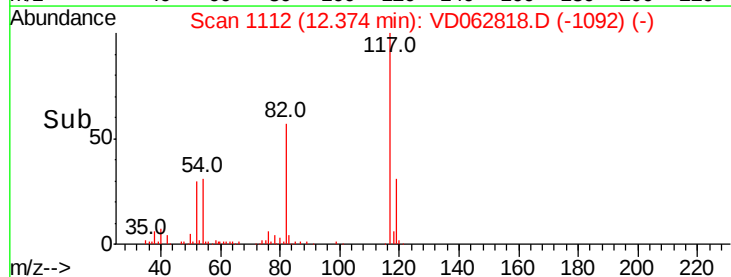
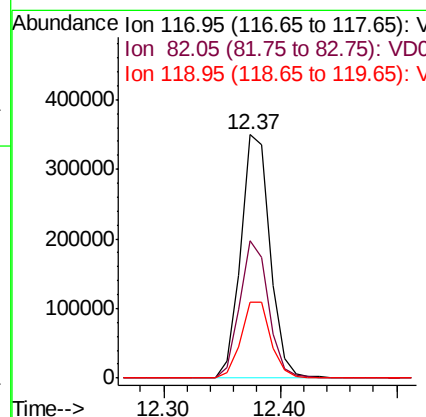
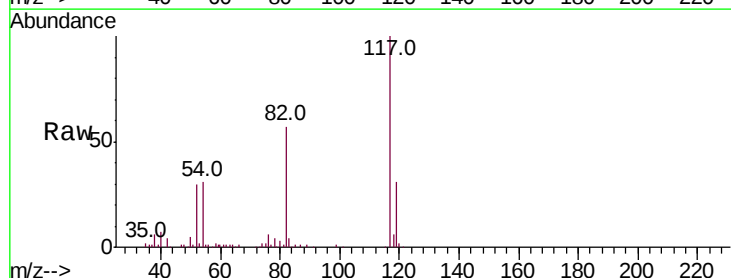
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

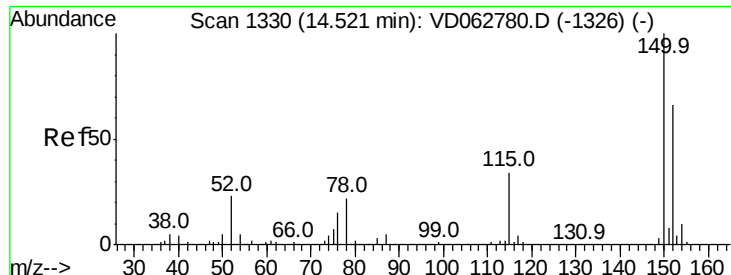
Tot Ion	Ratio	Lower	Upper
95	100		
174	93.9	0.0	158.0
176	91.9	0.0	151.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.37 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: VD062818.D
 Acq: 21 Jun 2019 16:04

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.6	40.4	60.6
119	31.0	25.2	37.8

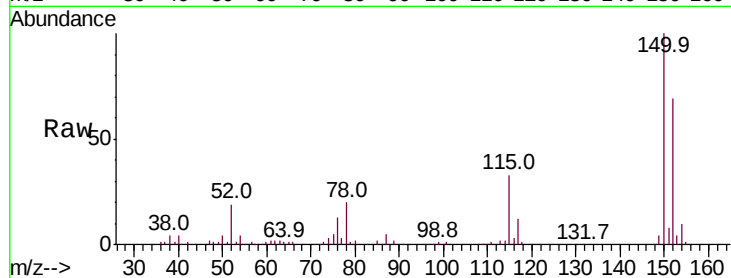




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD062818.D
 Acq: 21 Jun 2019 16:04

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
152	100		
115	47.9	29.2	87.6
150	145.7	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

