

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050919\
 Data File : VD062192.D
 Acq On : 9 May 2019 17:01
 Operator : FY/SY
 Sample : K2717-07
 Misc : 4.67g/5mL/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-0206-01

Quant Time: May 10 04:49:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

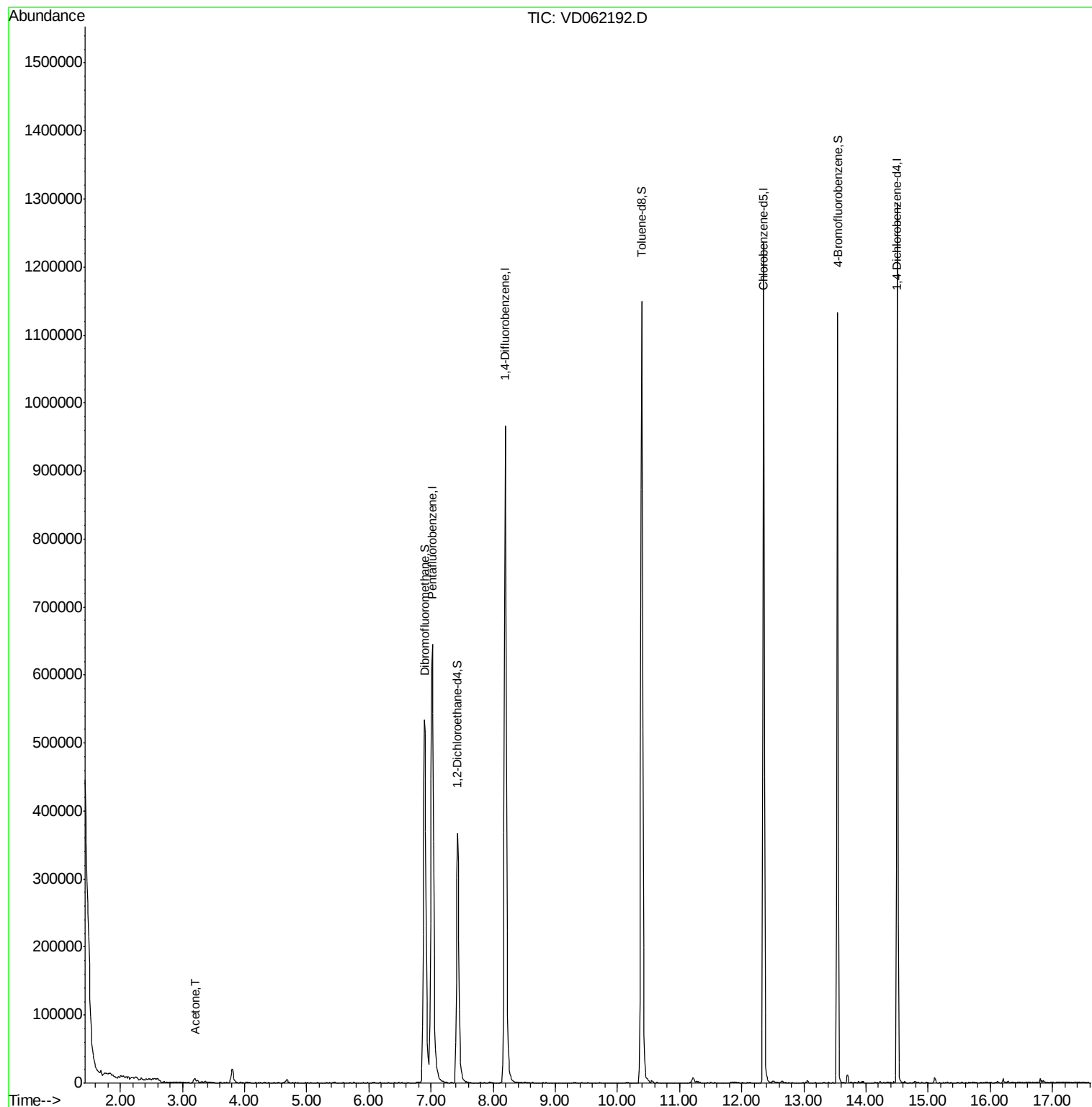
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	699150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	1074198	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	742221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	310059	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	394325	60.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.38%	
35) Dibromofluoromethane	6.90	113	500401	56.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.28%	
50) Toluene-d8	10.39	98	999343	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.00%	
62) 4-Bromofluorobenzene	13.54	95	353586	40.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.94%	
Target Compounds						
16) Acetone	3.20	43	12693	9.316	ug/l #	Qvalue 84

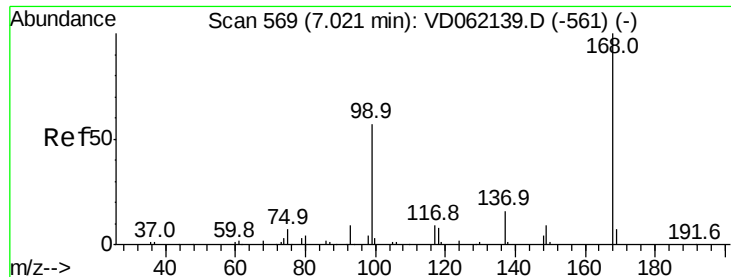
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. 0.00 min

Lab File: VD062192.D

Acq: 9 May 2019 17:01

Instrument :

MSVOA_D

ClientSampleId :

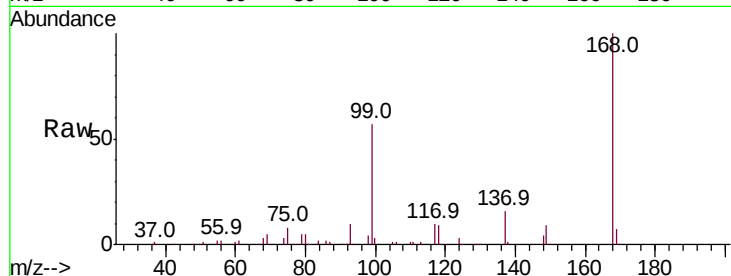
P026-SS002-0206-01

Tot Ion:168 Resp: 699150

Ion Ratio Lower Upper

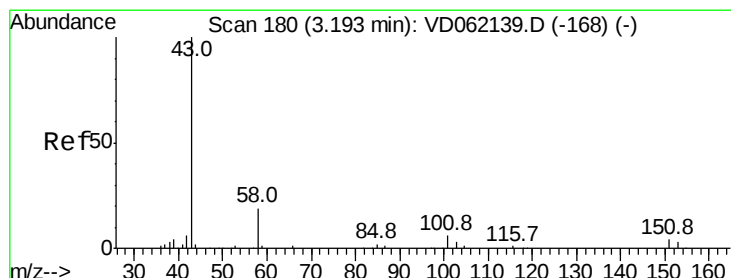
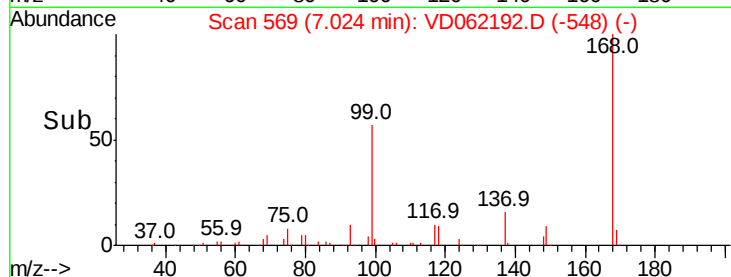
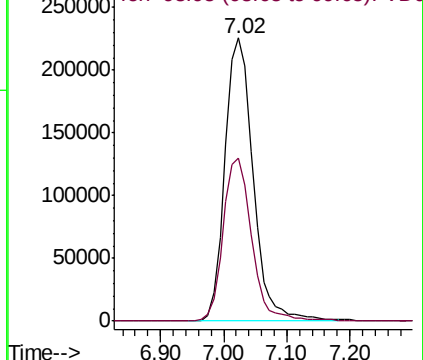
168 100

99 57.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 9.316 ug/l

RT: 3.20 min Scan# 180

Delta R.T. 0.00 min

Lab File: VD062192.D

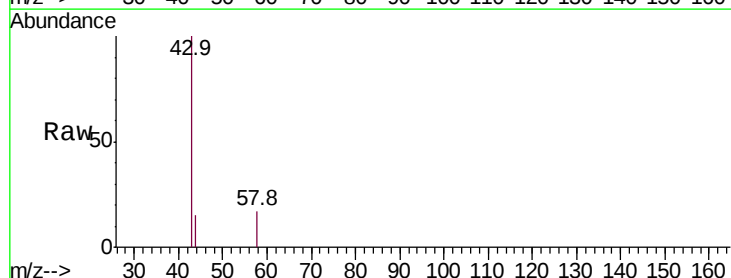
Acq: 9 May 2019 17:01

Tgt Ion: 43 Resp: 12693

Ion Ratio Lower Upper

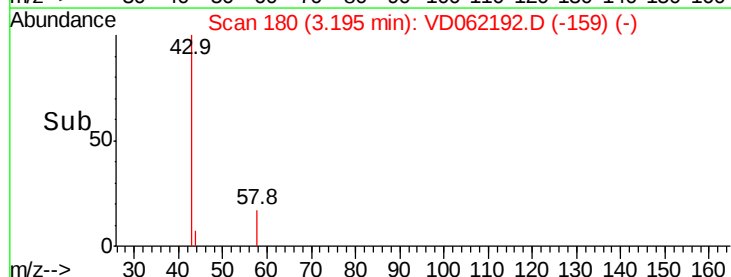
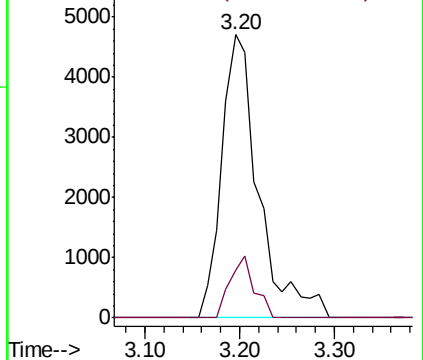
43 100

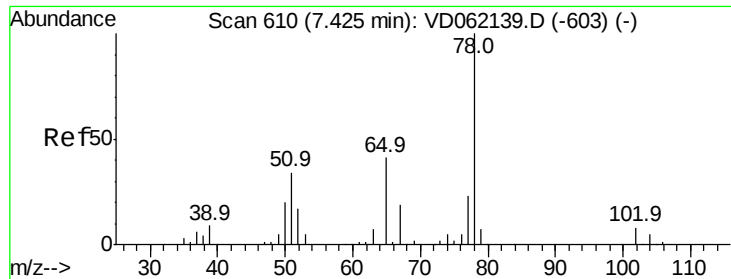
58 16.9 19.9 29.9#



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: 60.691 ug/l

RT: 7.43 min Scan# 610

Delta R.T. 0.00 min

Lab File: VD062192.D

Acq: 9 May 2019 17:01

Instrument :

MSVOA_D

ClientSampleId :

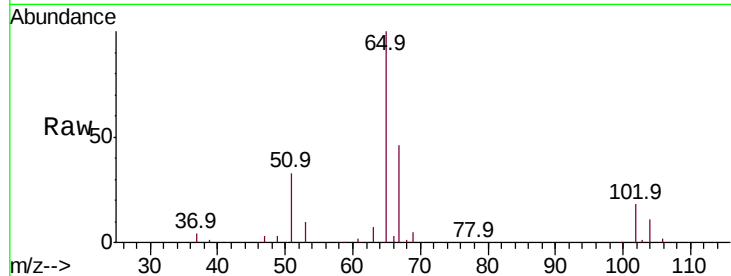
P026-SS002-0206-01

Tot Ion: 65 Resp: 394325

Ion Ratio Lower Upper

65 100

67 46.0 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.43

150000

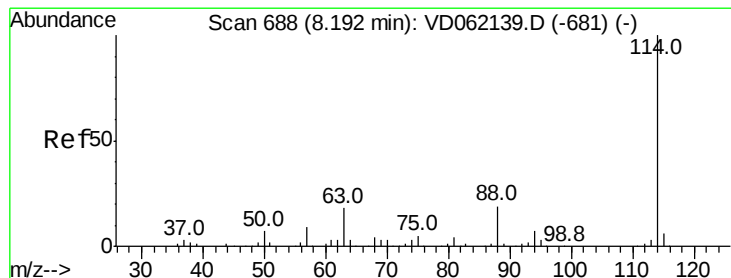
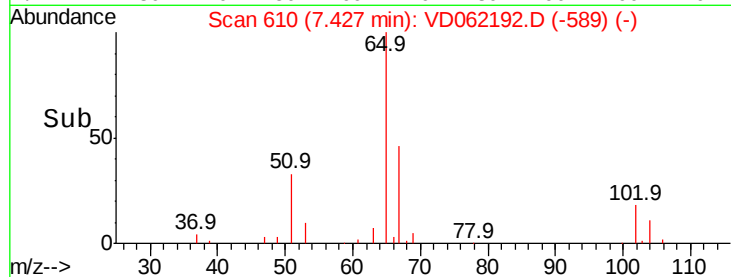
100000

50000

0

Time-->

7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.19 min Scan# 688

Delta R.T. 0.00 min

Lab File: VD062192.D

Acq: 9 May 2019 17:01

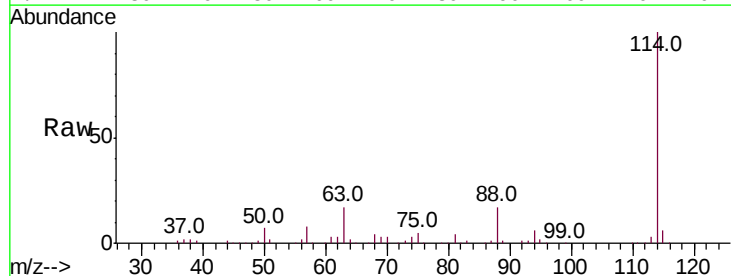
Tgt Ion: 114 Resp: 1074198

Ion Ratio Lower Upper

114 100

63 17.0 0.0 32.4

88 17.2 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

600000

500000

400000

300000

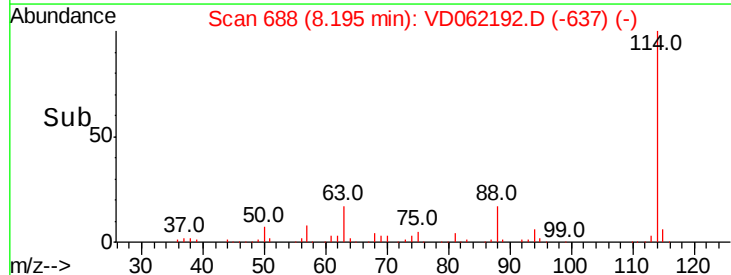
200000

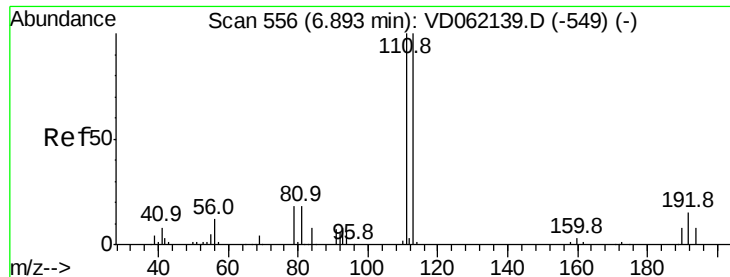
100000

0

Time-->

8.00 8.20 8.40





#35

Dibromofluoromethane

Concen: 56.144 ug/l

RT: 6.90 min Scan# 556

Delta R.T. 0.00 min

Lab File: VD062192.D

Acq: 9 May 2019 17:01

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-0206-01

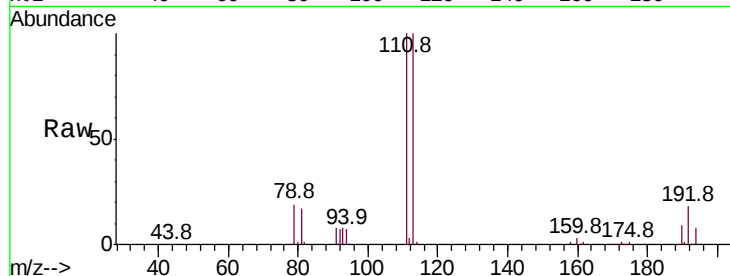
Tot Ion:113 Resp: 500401

Ion Ratio Lower Upper

113 100

111 100.2 78.5 117.7

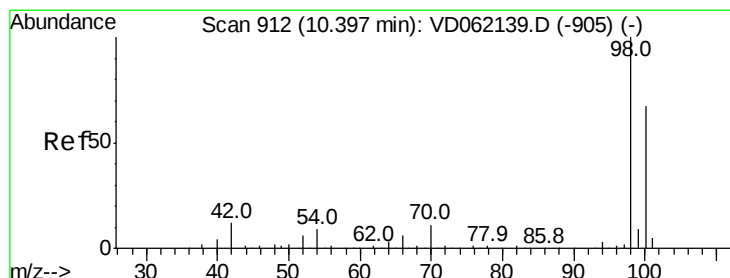
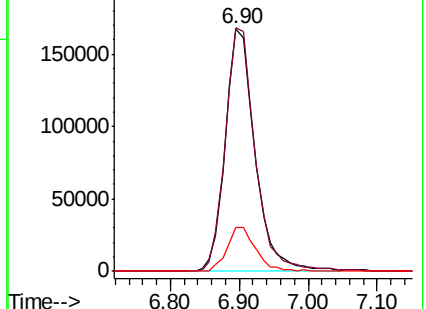
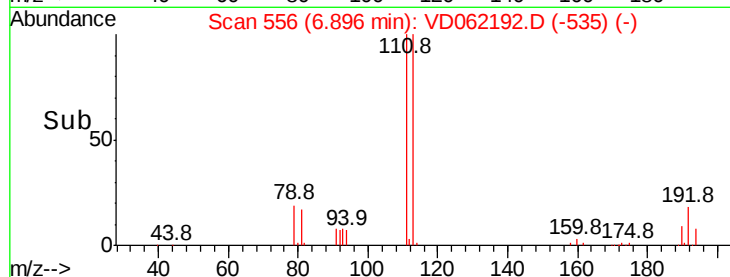
192 18.0 13.0 19.4



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: 46.504 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD062192.D

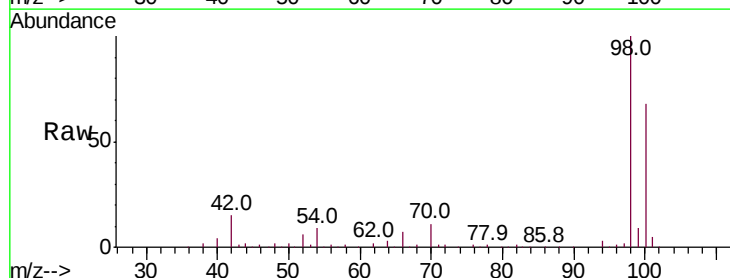
Acq: 9 May 2019 17:01

Tgt Ion: 98 Resp: 999343

Ion Ratio Lower Upper

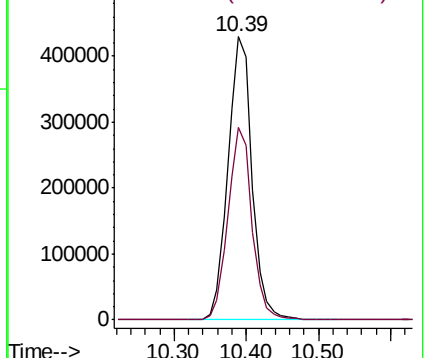
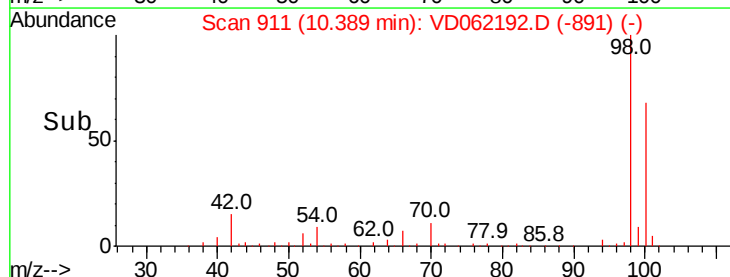
98 100

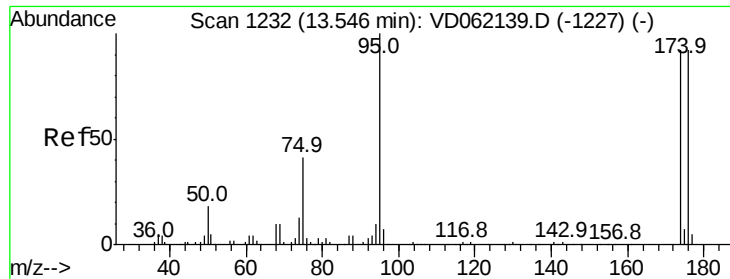
100 68.2 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

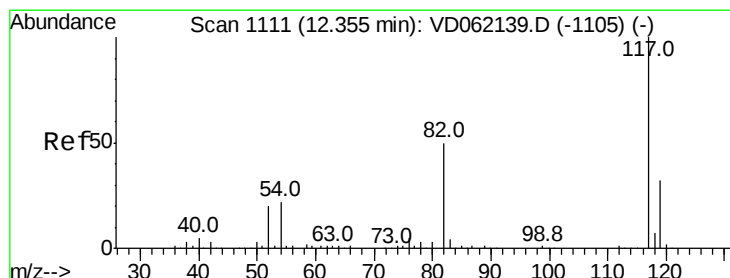
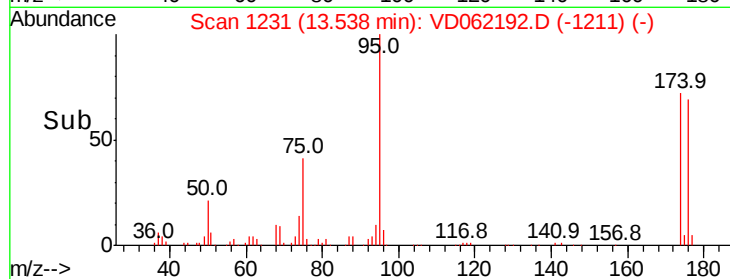
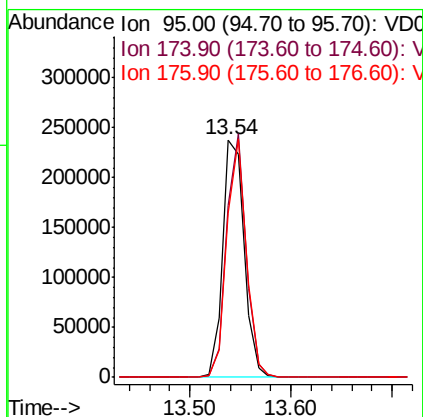
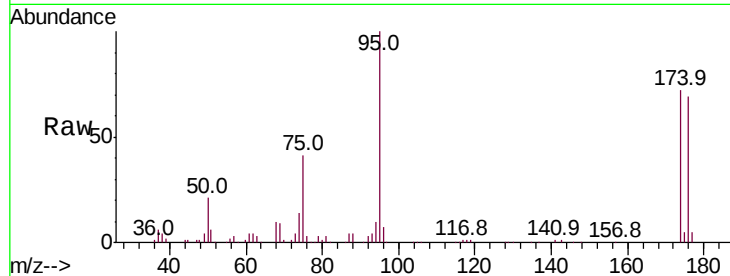




#62
4-Bromofluorobenzene
Concen: 40.975 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062192.D
Acq: 9 May 2019 17:01

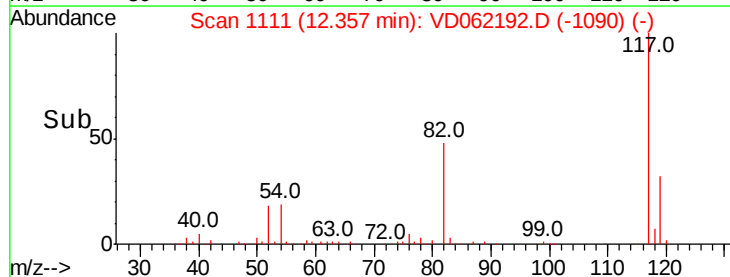
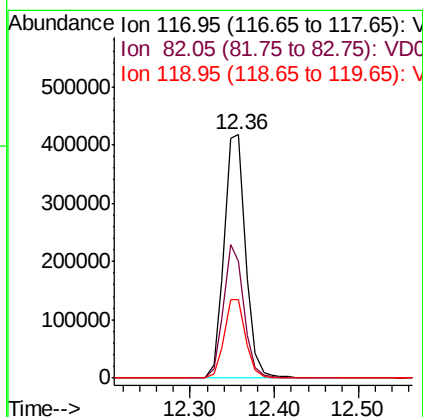
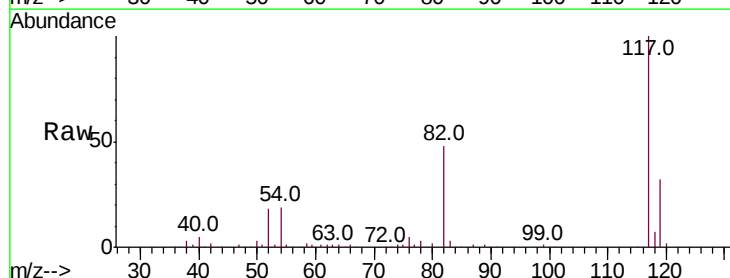
Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-0206-01

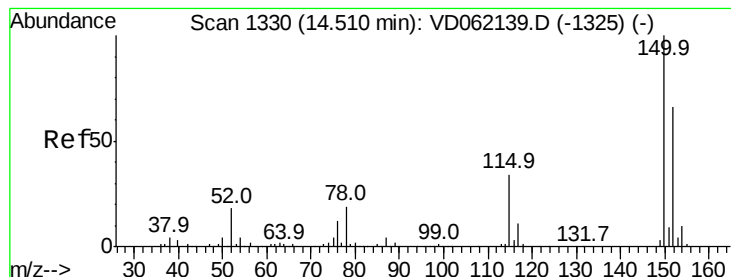
Tot Ion: 95 Resp: 353586
Ion Ratio Lower Upper
95 100
174 72.2 0.0 181.8
176 69.5 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062192.D
Acq: 9 May 2019 17:01

Tgt Ion: 117 Resp: 742221
Ion Ratio Lower Upper
117 100
82 48.0 36.2 54.2
119 32.0 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD062192.D

Acq: 9 May 2019 17:01

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-0206-01

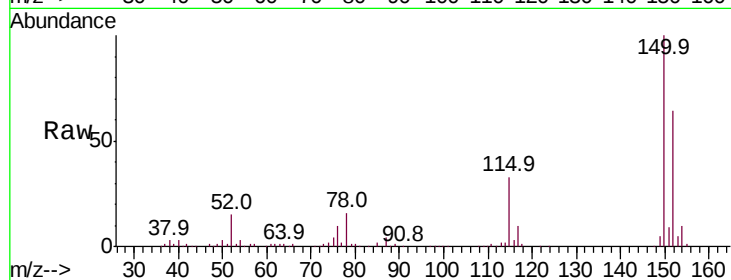
Tot Ion:152 Resp: 310059

Ion Ratio Lower Upper

152 100

115 51.6 30.9 92.7

150 155.4 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

