

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061819\
 Data File : VD062754.D
 Acq On : 18 Jun 2019 17:19
 Operator : VA/AP
 Sample : K3419-02
 Misc : 4.49g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-A

Quant Time: Jun 19 06:36:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

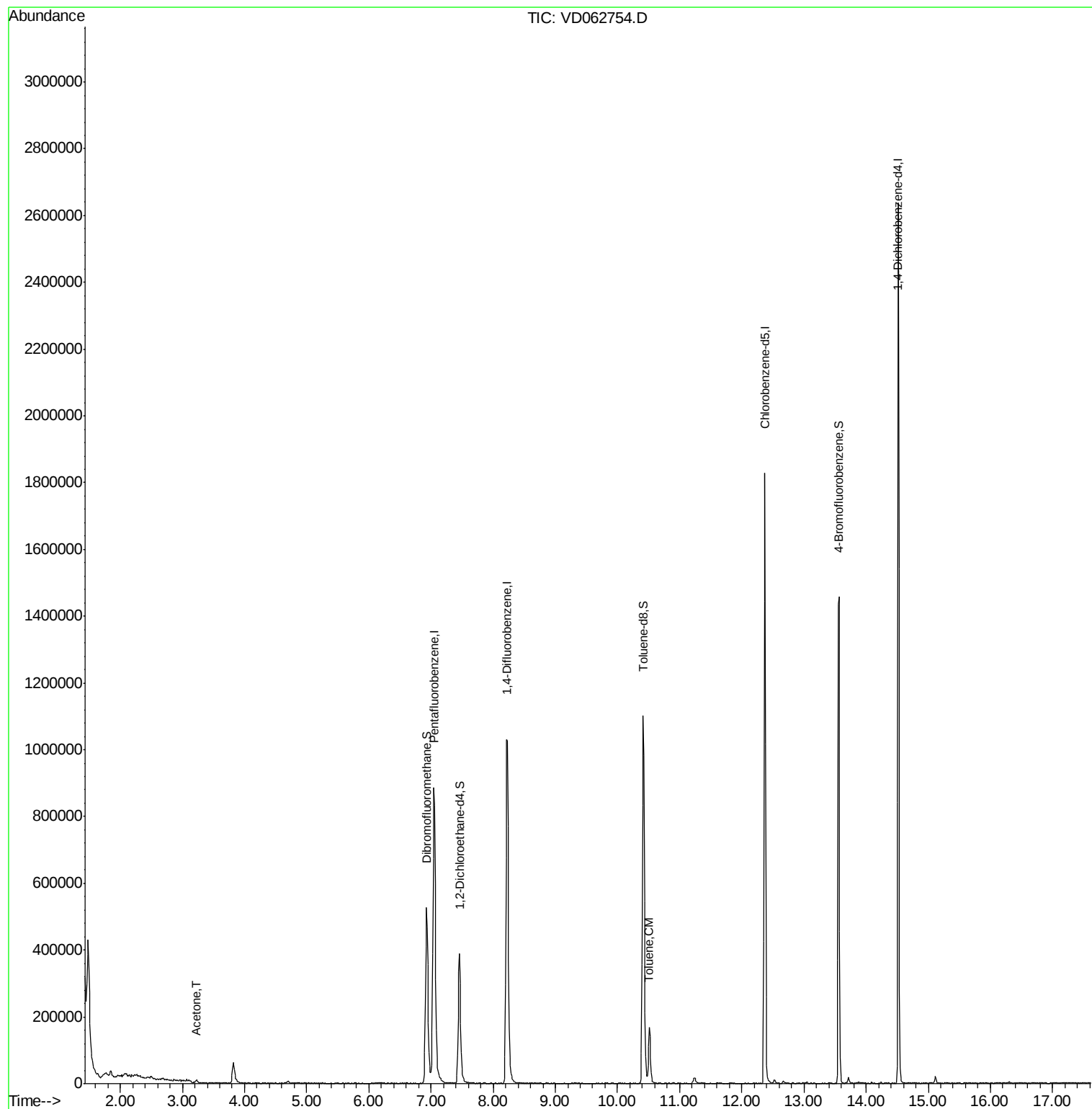
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	829329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1132268	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	957016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	523344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	429379	35.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.76%	
35) Dibromofluoromethane	6.93	113	461270	38.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.26%	
50) Toluene-d8	10.41	98	895848	35.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.32%	
62) 4-Bromofluorobenzene	13.55	95	435554	37.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.34%	
Target Compounds						
16) Acetone	3.23	43	17584	8.024	ug/l	96
52) Toluene	10.51	92	74406	4.374	ug/l	84

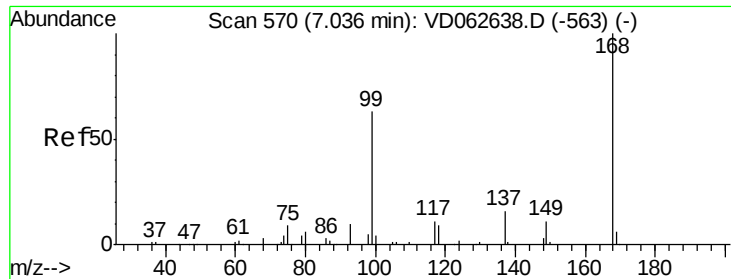
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061819\
Data File : VD062754.D
Acq On : 18 Jun 2019 17:19
Operator : VA/AP
Sample : K3419-02
Misc : 4.49g/5ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-A

Quant Time: Jun 19 06:36:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD062754.D

Acq: 18 Jun 2019 17:19

Instrument :

MSVOA_D

ClientSampleId :

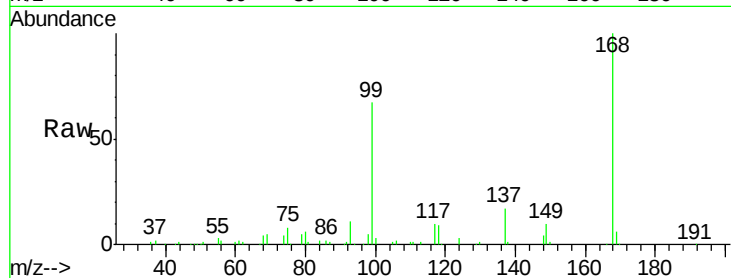
TP-A

Tot Ion:168 Resp: 829329

Ion Ratio Lower Upper

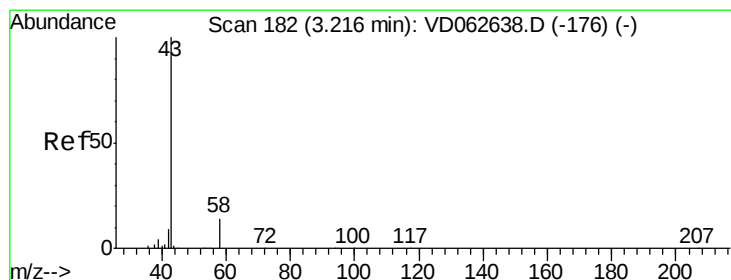
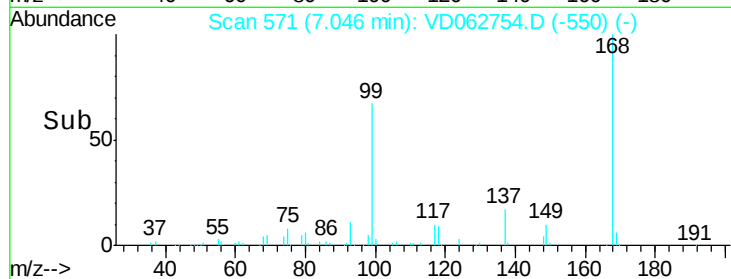
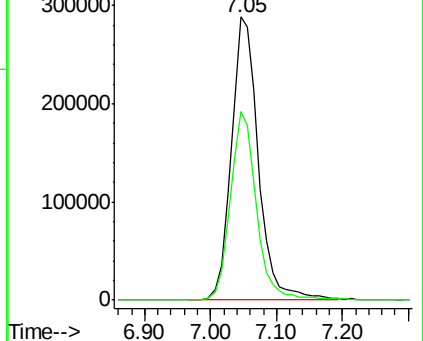
168 100

99 66.8 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 8.024 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD062754.D

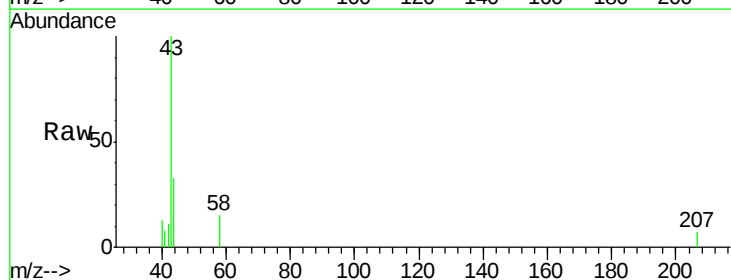
Acq: 18 Jun 2019 17:19

Tgt Ion: 43 Resp: 17584

Ion Ratio Lower Upper

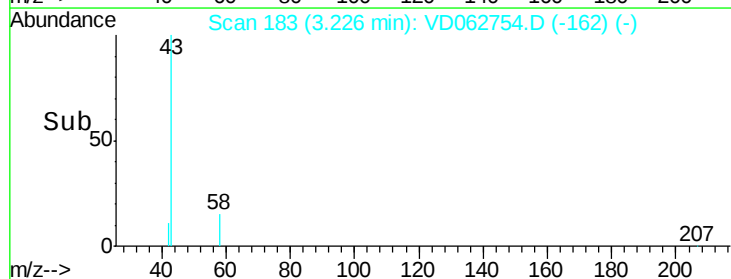
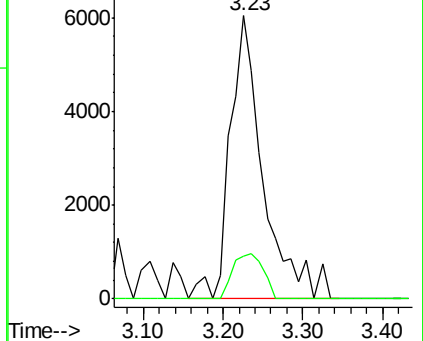
43 100

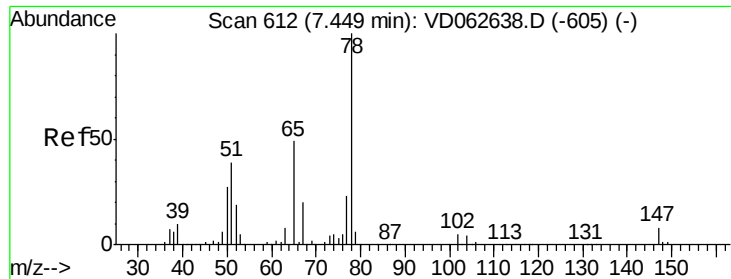
58 15.1 10.8 16.2



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: 35.880 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD062754.D

Acq: 18 Jun 2019 17:19

Instrument :

MSVOA_D

ClientSampleId :

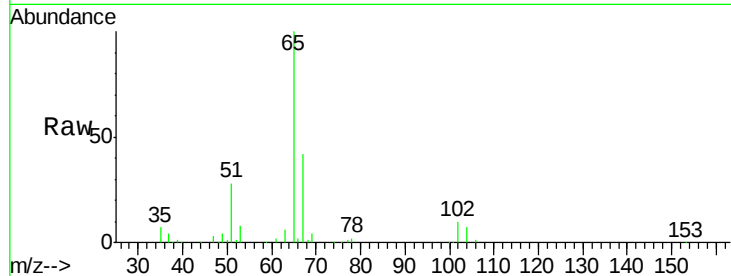
TP-A

Tot Ion: 65 Resp: 429379

Ion Ratio Lower Upper

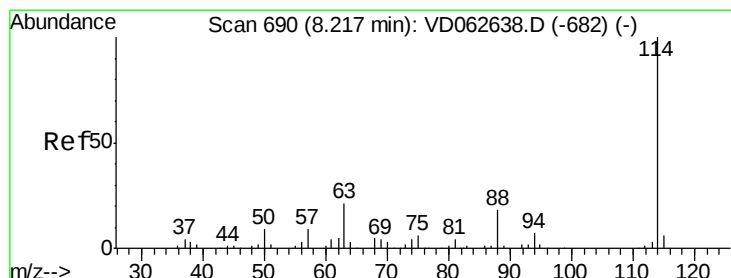
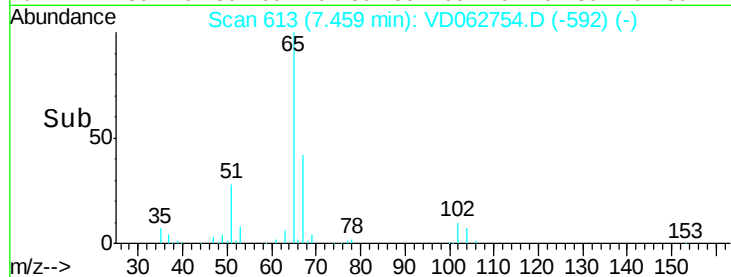
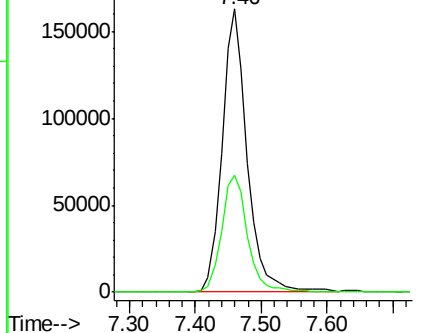
65 100

67 41.5 0.0 81.8



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: VD062754.D

Acq: 18 Jun 2019 17:19

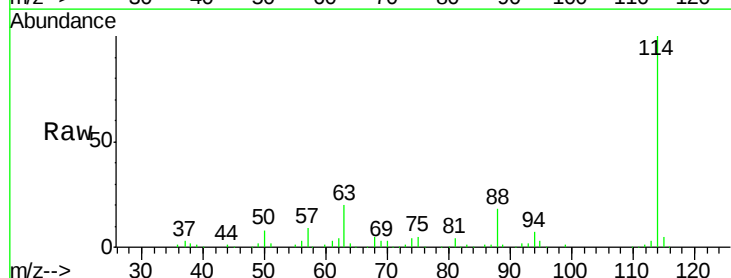
Tgt Ion: 114 Resp: 1132268

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

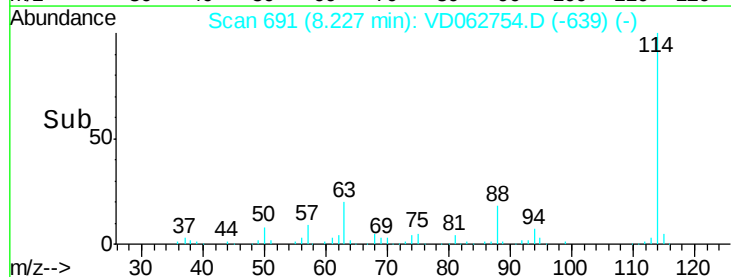
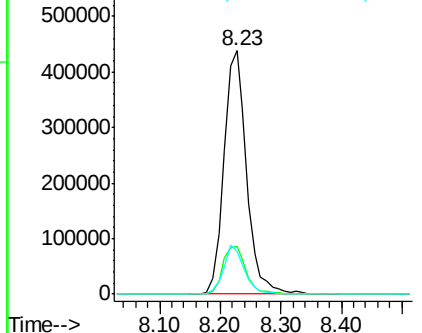
88 17.5 0.0 36.8

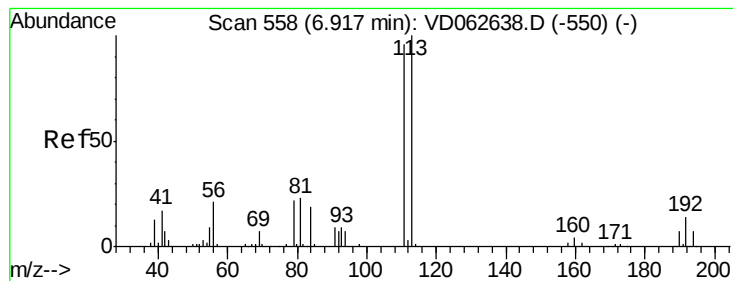


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 38.628 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.01 min

Lab File: VD062754.D

Acq: 18 Jun 2019 17:19

Instrument :

MSVOA_D

ClientSampleId :

TP-A

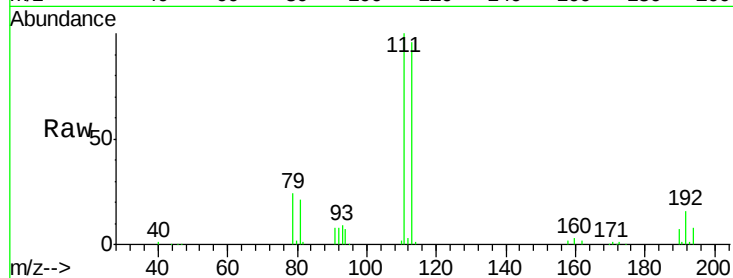
Tot Ion:113 Resp: 461270

Ion Ratio Lower Upper

113 100

111 104.5 76.4 114.6

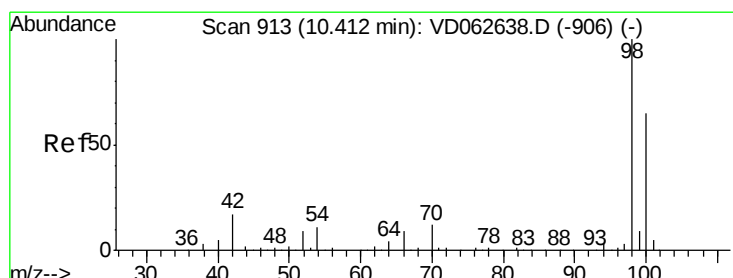
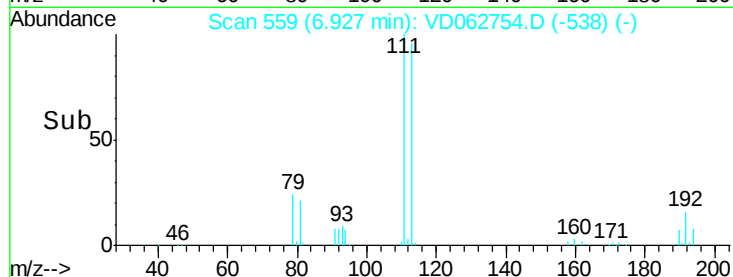
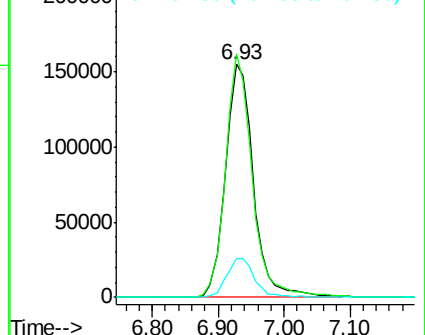
192 16.5 11.4 17.0



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: 35.662 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD062754.D

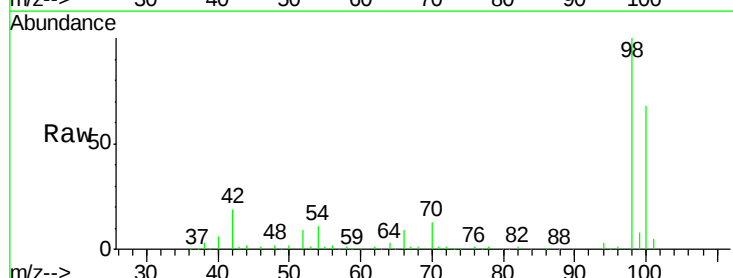
Acq: 18 Jun 2019 17:19

Tgt Ion: 98 Resp: 895848

Ion Ratio Lower Upper

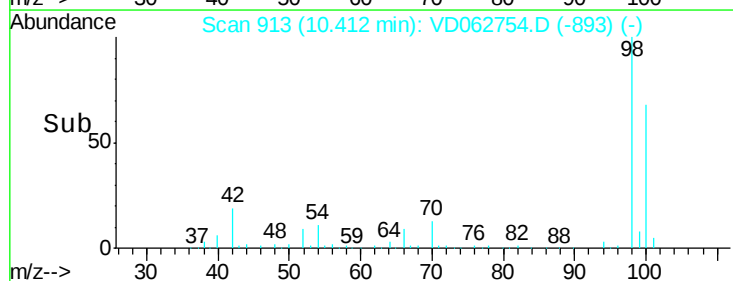
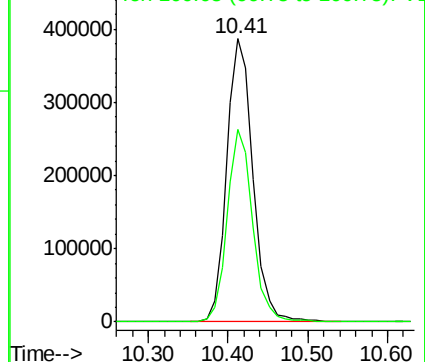
98 100

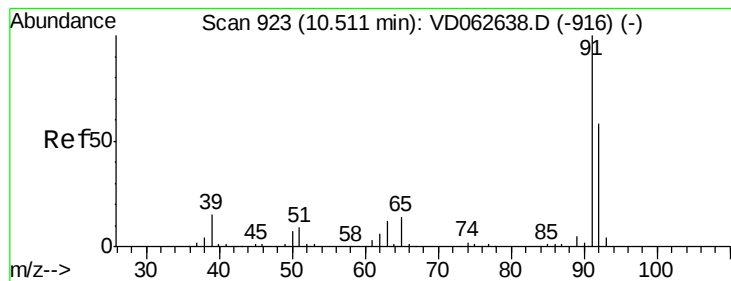
100 68.0 52.1 78.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 4.374 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.00 min

Lab File: VD062754.D

Acq: 18 Jun 2019 17:19

Instrument :

MSVOA_D

ClientSampleId :

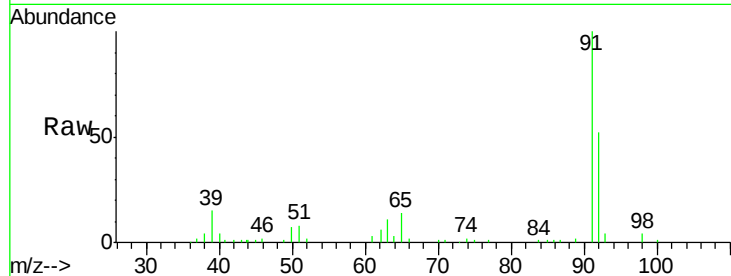
TP-A

Tot Ion: 92 Resp: 74406

Ion Ratio Lower Upper

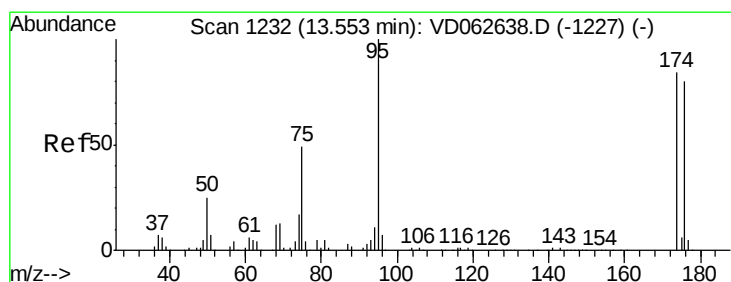
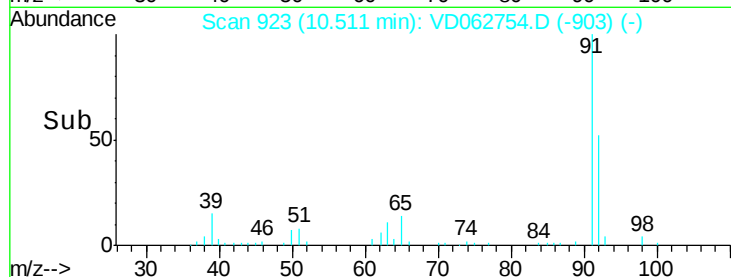
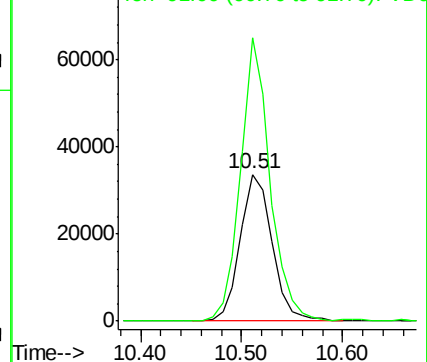
92 100

91 192.7 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 37.165 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062754.D

Acq: 18 Jun 2019 17:19

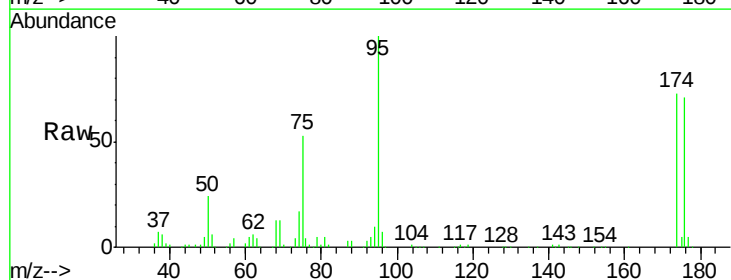
Tgt Ion: 95 Resp: 435554

Ion Ratio Lower Upper

95 100

174 73.4 0.0 167.0

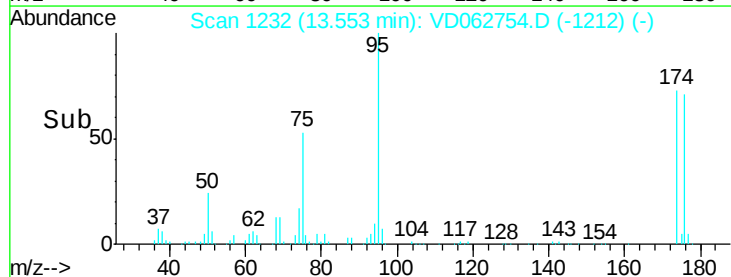
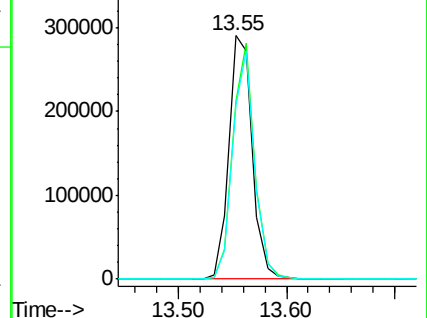
176 71.4 0.0 159.2

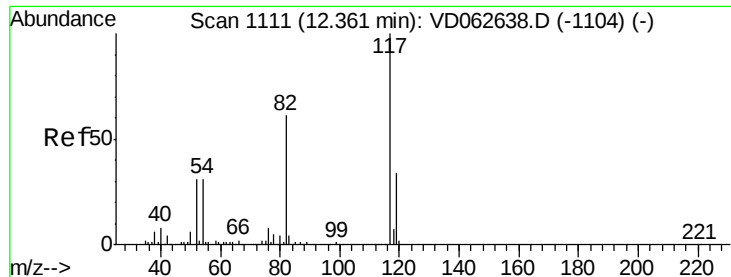


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

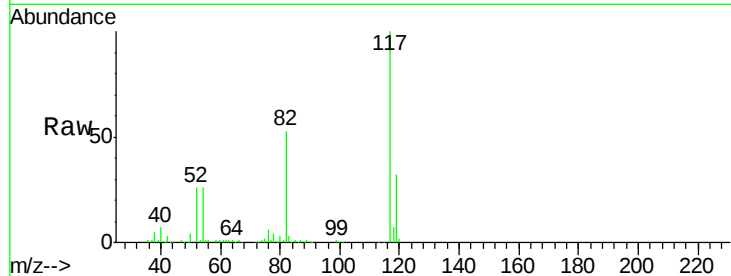




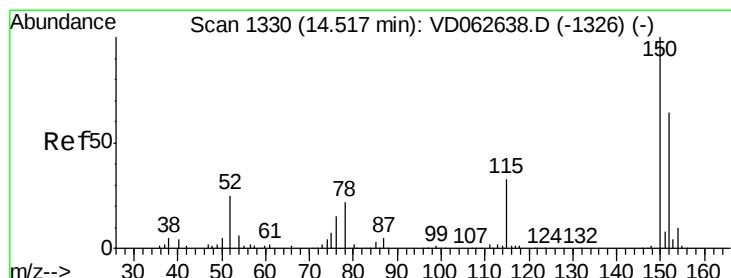
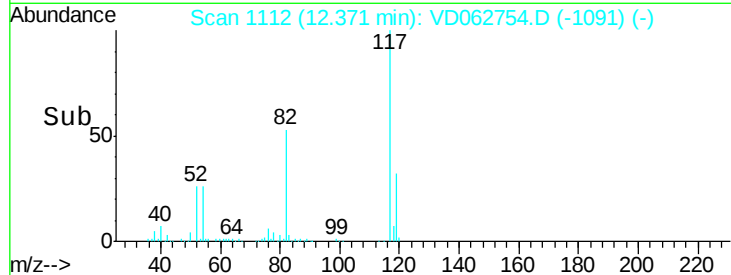
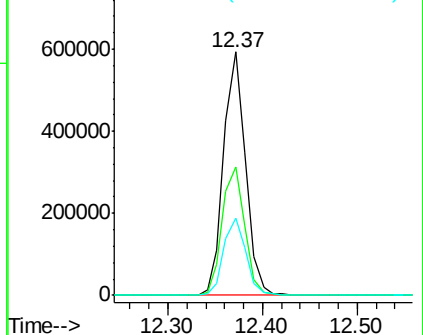
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062754.D
Acq: 18 Jun 2019 17:19

Instrument :
MSVOA_D
ClientSampled :
TP-A

Tot Ion:117 Resp: 957016
Ion Ratio Lower Upper
117 100
82 52.9 48.7 73.1
119 31.9 27.0 40.6

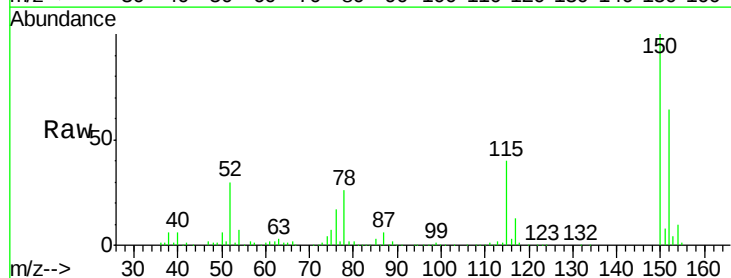


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062754.D
Acq: 18 Jun 2019 17:19

Tgt Ion:152 Resp: 523344
Ion Ratio Lower Upper
152 100
115 62.0 30.1 90.5
150 155.3 0.0 314.0



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

