

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080319\
 Data File : VD063372.D
 Acq On : 3 Aug 2019 20:06
 Operator : VA/AP
 Sample : K4135-10
 Misc : 5.81g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1S-A4-(30)

Quant Time: Aug 04 06:55:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

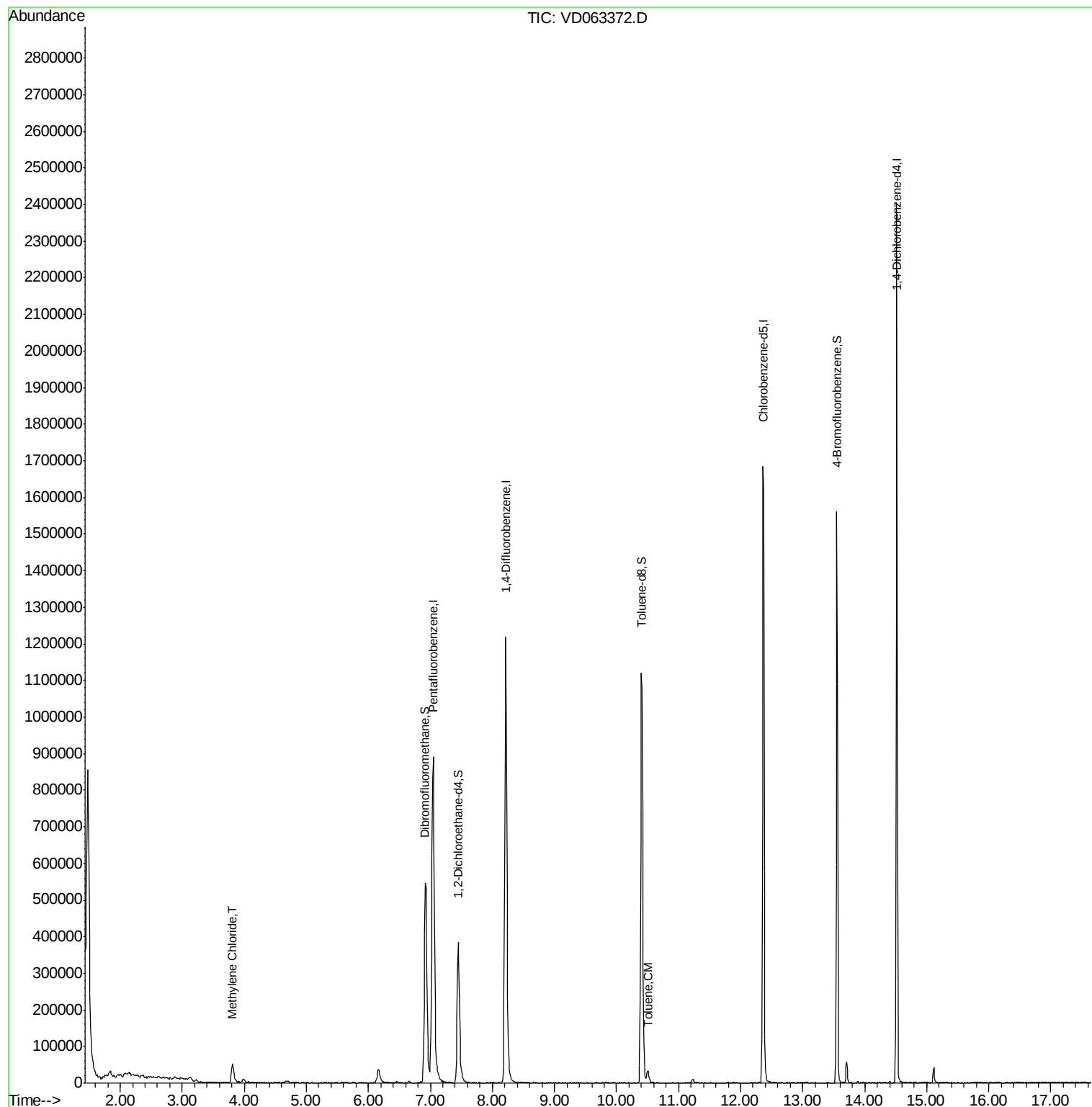
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	881192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1253585	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	959861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	471866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	453472	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
35) Dibromofluoromethane	6.93	113	481504	44.99	ug/l	0.02
Spiked Amount 50.000			Recovery	=	89.98%	
50) Toluene-d8	10.40	98	947383	39.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.10%	
62) 4-Bromofluorobenzene	13.55	95	414108	37.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.88%	
Target Compounds						
20) Methylene Chloride	3.82	84	31558	4.098	ug/l	92
52) Toluene	10.51	92	16374	1.027	ug/l	99

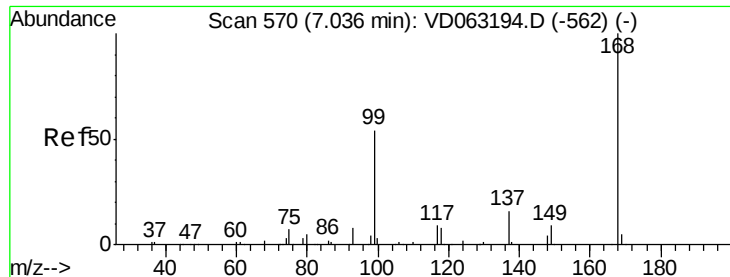
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080319\
Data File : VD063372.D
Acq On : 3 Aug 2019 20:06
Operator : VA/AP
Sample : K4135-10
Misc : 5.81g/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
1S-A4-(30)

Quant Time: Aug 04 06:55:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 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: VD063372.D

Acq: 3 Aug 2019 20:06

Instrument :

MSVOA_D

ClientSampleId :

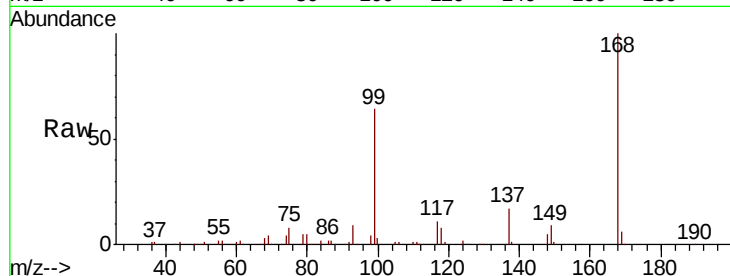
1S-A4-(30)

Tot Ion:168 Resp: 881192

Ion Ratio Lower Upper

168 100

99 64.4 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

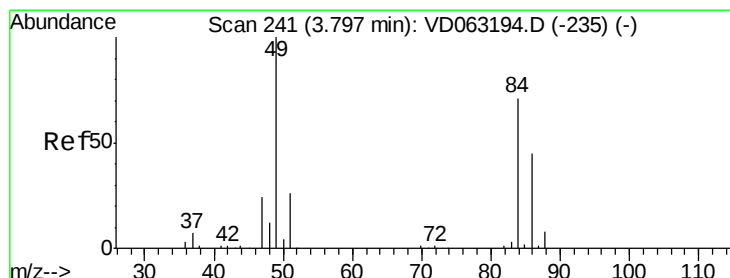
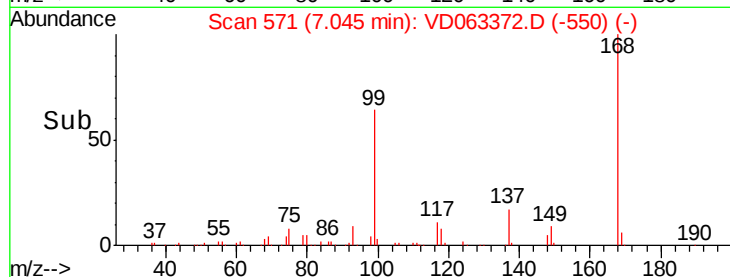
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 4.098 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD063372.D

Acq: 3 Aug 2019 20:06

Tgt Ion: 84 Resp: 31558

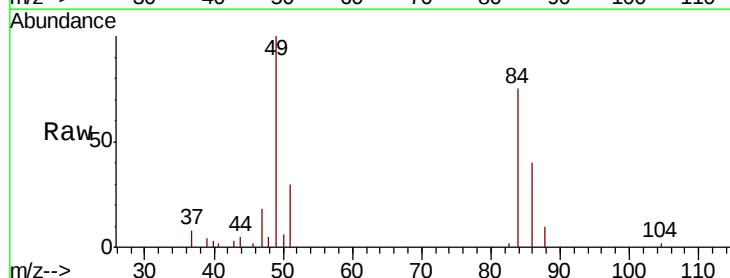
Ion Ratio Lower Upper

84 100

49 133.1 112.5 168.7

51 39.3 29.6 44.4

86 52.7 50.4 75.6



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

3.82

25000

20000

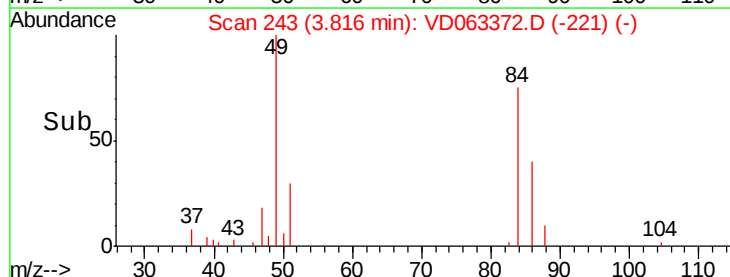
15000

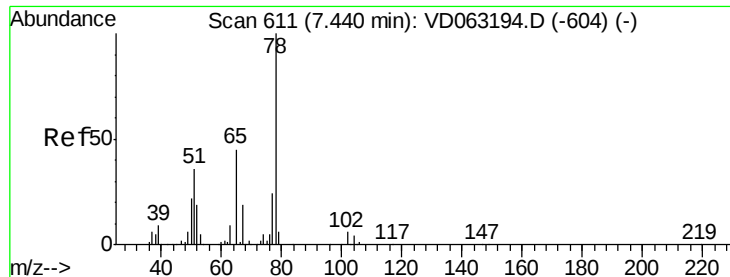
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.378 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063372.D

Acq: 3 Aug 2019 20:06

Instrument :

MSVOA_D

ClientSampleId :

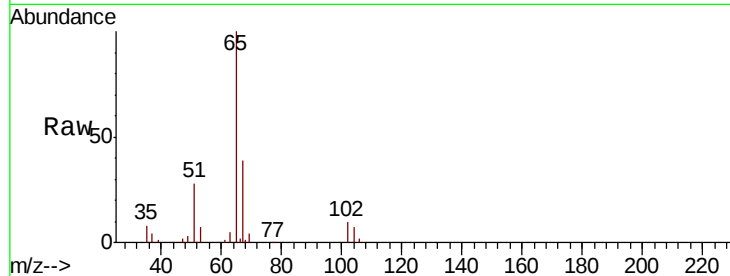
1S-A4-(30)

Tot Ion: 65 Resp: 453472

Ion Ratio Lower Upper

65 100

67 39.5 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

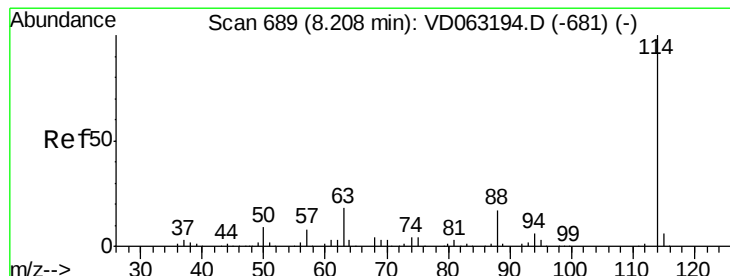
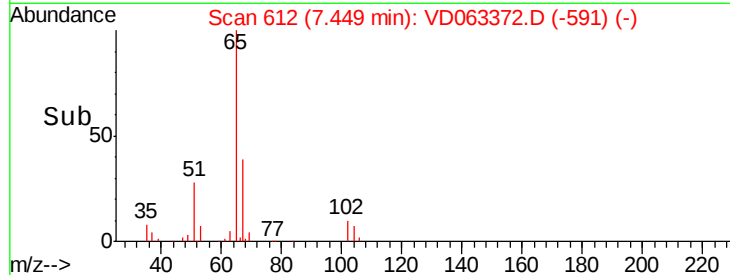
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD063372.D

Acq: 3 Aug 2019 20:06

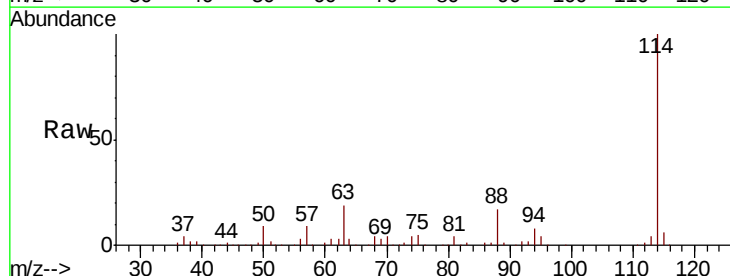
Tgt Ion: 114 Resp: 1253585

Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.2

88 16.7 0.0 34.6



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

8.22

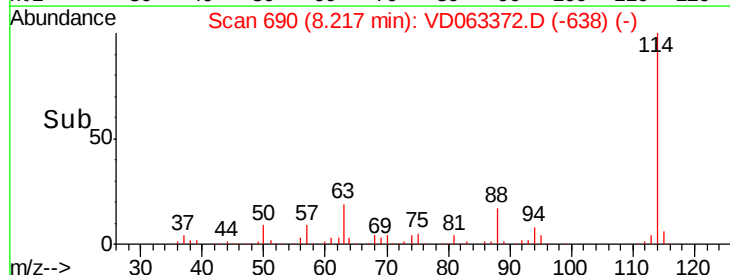
600000

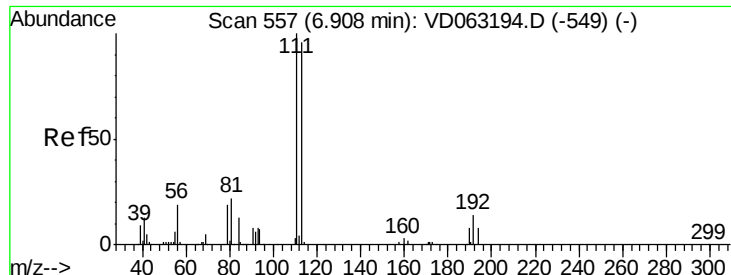
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 44.988 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.02 min

Lab File: VD063372.D

Acq: 3 Aug 2019 20:06

Instrument :

MSVOA_D

ClientSampleId :

1S-A4-(30)

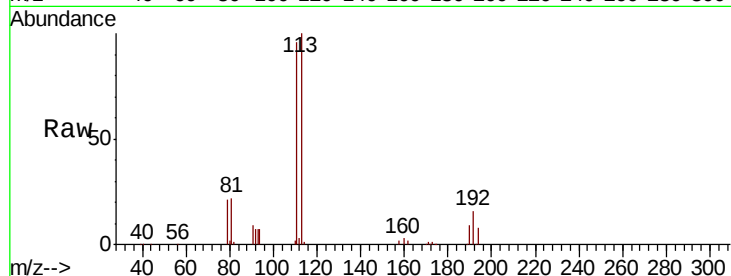
Tot Ion:113 Resp: 481504

Ion Ratio Lower Upper

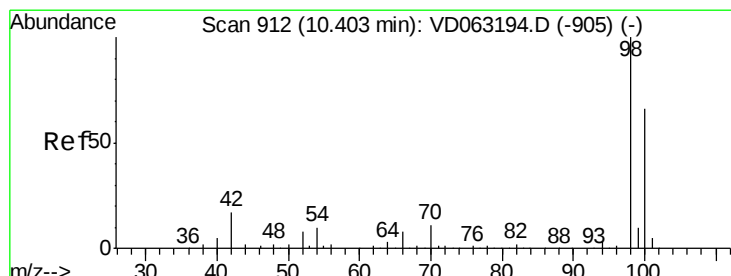
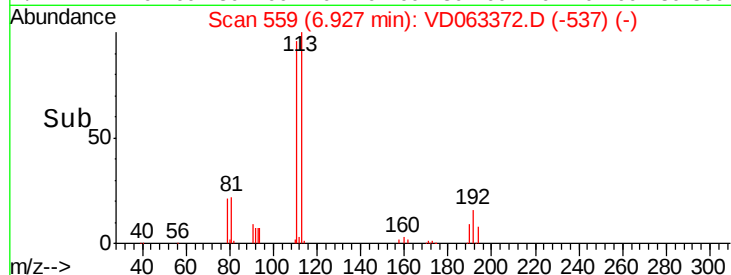
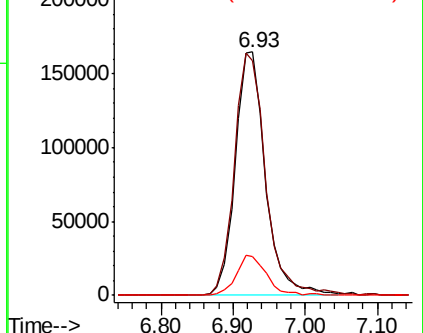
113 100

111 96.2 83.2 124.8

192 16.1 11.8 17.8



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: 39.552 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD063372.D

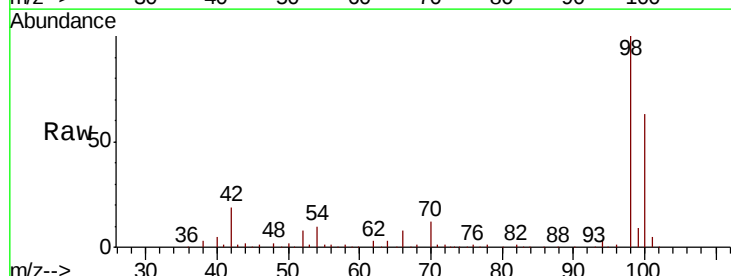
Acq: 3 Aug 2019 20:06

Tgt Ion: 98 Resp: 947383

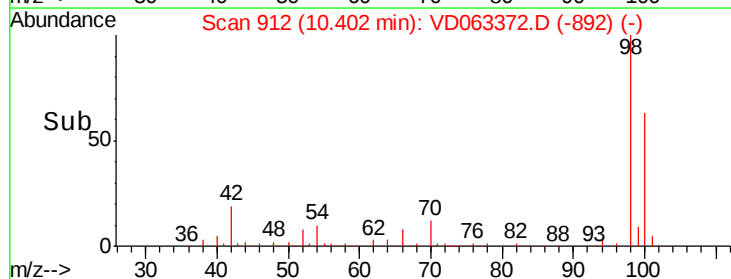
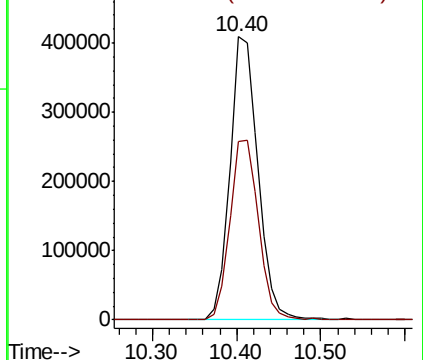
Ion Ratio Lower Upper

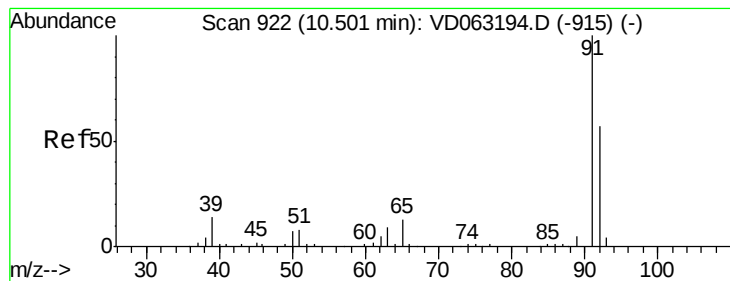
98 100

100 63.2 53.2 79.8



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





#52

Toluene

Concen: 1.027 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD063372.D

Acq: 3 Aug 2019 20:06

Instrument :

MSVOA_D

ClientSampleId :

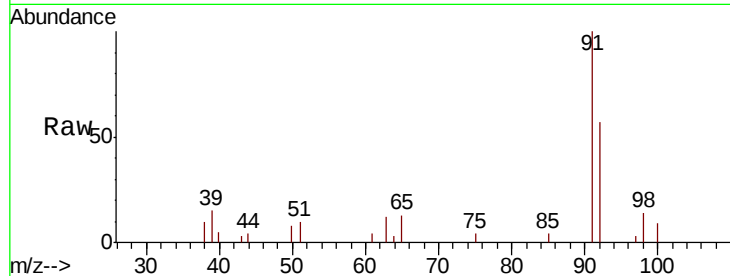
1S-A4-(30)

Tot Ion: 92 Resp: 16374

Ion Ratio Lower Upper

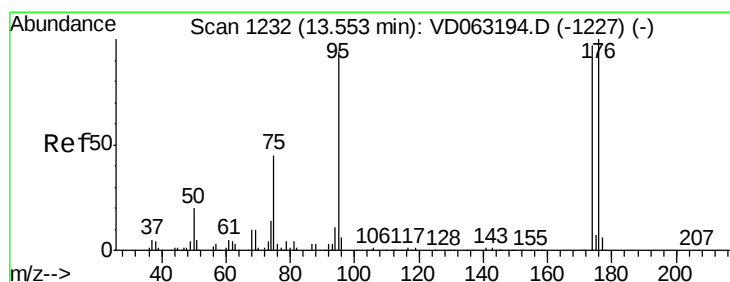
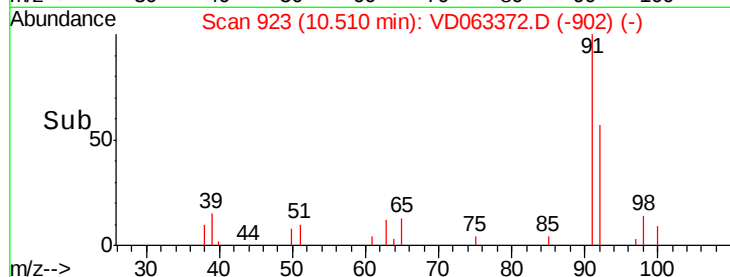
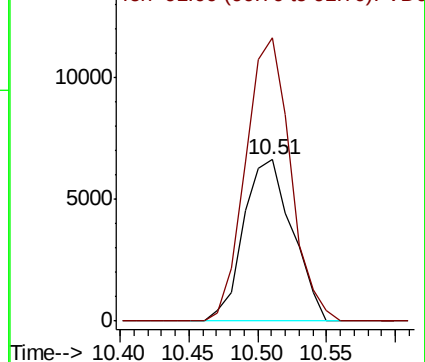
92 100

91 175.2 140.8 211.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 37.938 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063372.D

Acq: 3 Aug 2019 20:06

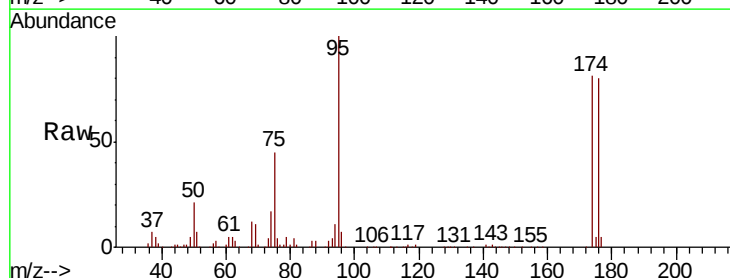
Tgt Ion: 95 Resp: 414108

Ion Ratio Lower Upper

95 100

174 81.0 0.0 205.4

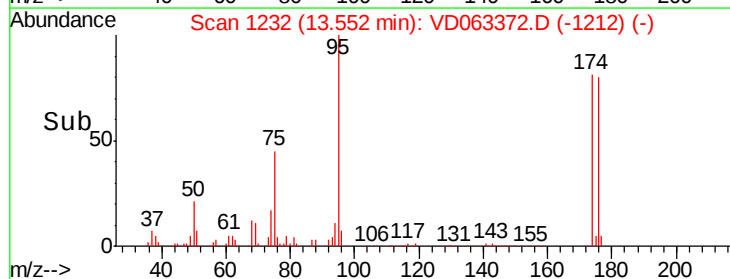
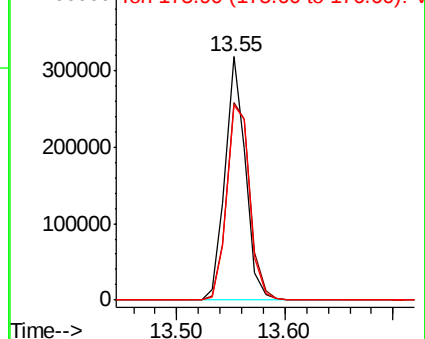
176 80.2 0.0 211.8

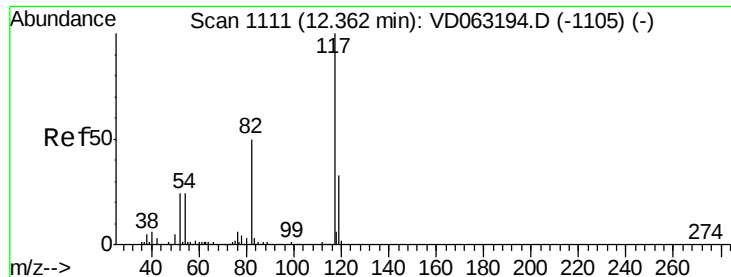


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

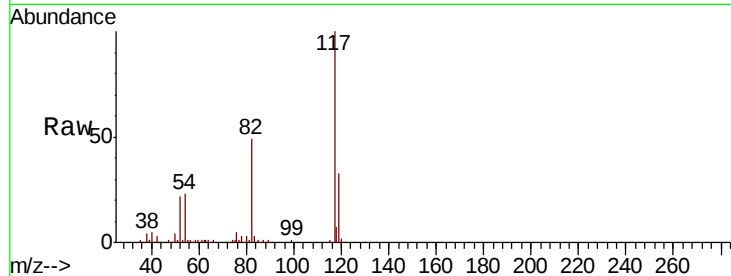




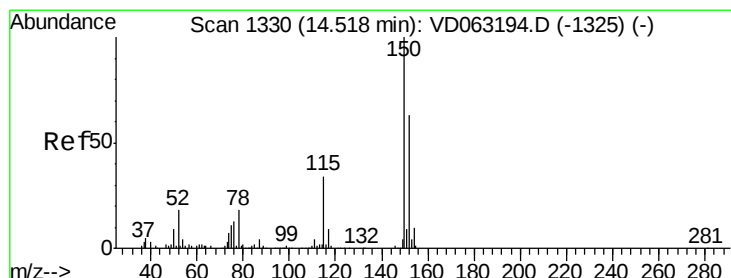
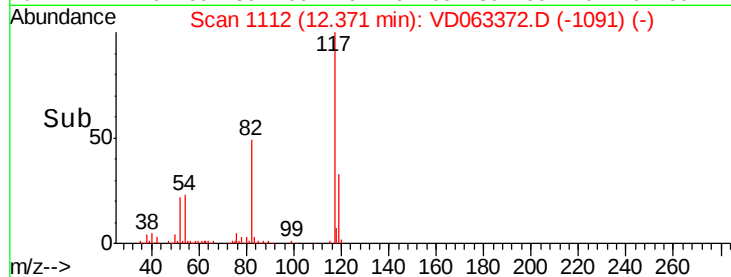
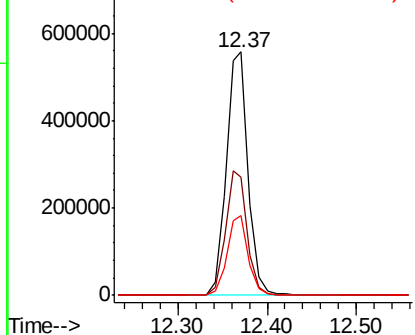
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063372.D
Acq: 3 Aug 2019 20:06

Instrument :
MSVOA_D
ClientSampleId :
1S-A4-(30)

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.7	40.1	60.1
119	32.8	26.5	39.7

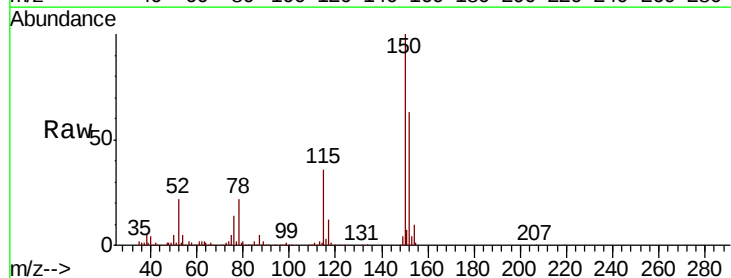


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063372.D
Acq: 3 Aug 2019 20:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	27.5	82.4
150	158.4	0.0	320.6



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

