

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051519\
 Data File : VD062406.D
 Acq On : 15 May 2019 23:36
 Operator : FY/SY
 Sample : K2637-03
 Misc : 4.80g/5mL/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-06-051519-B

Quant Time: May 16 05:08:00 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

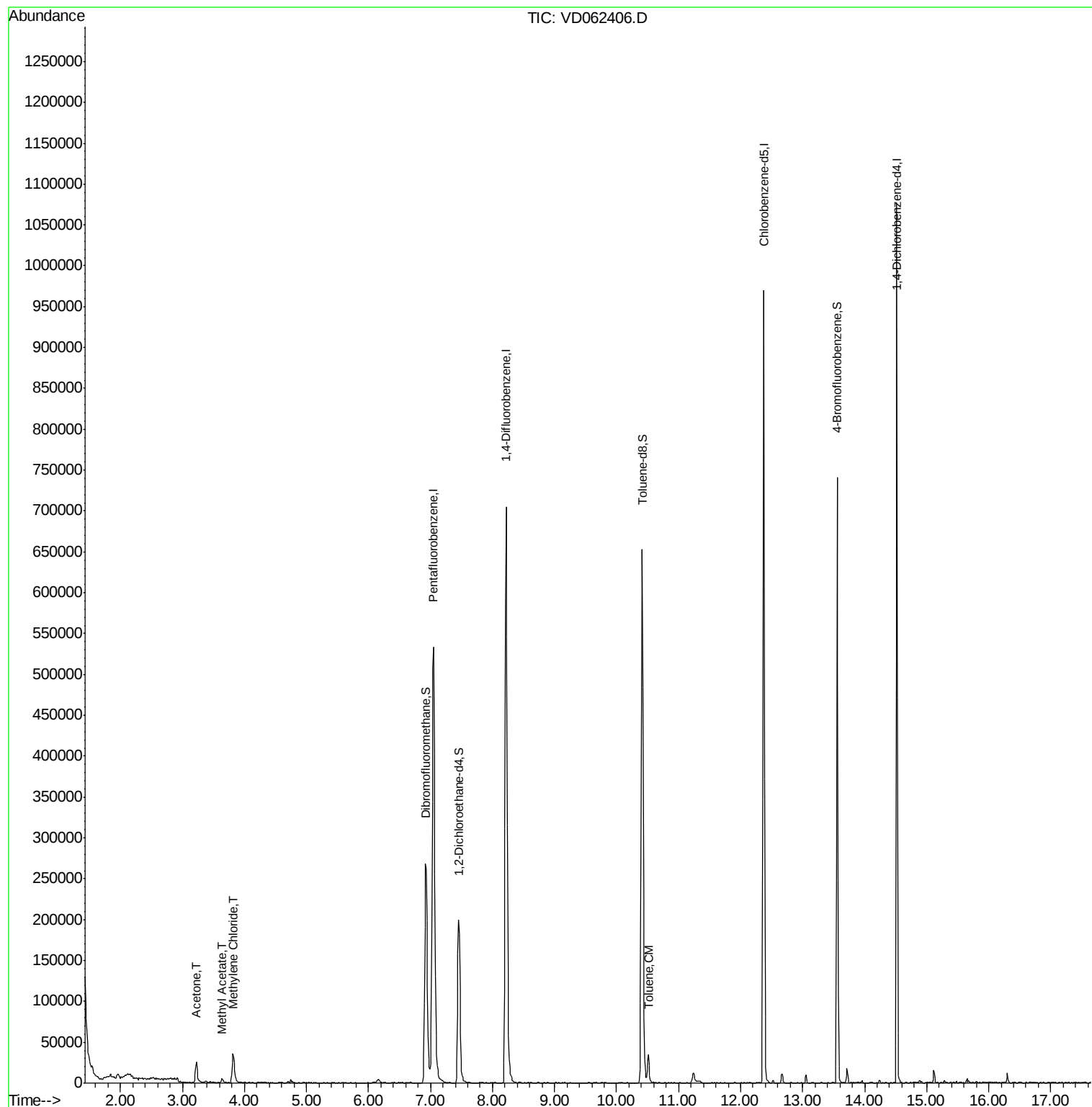
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	500378	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	712864	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	525467	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	218350	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	230012	49.46	ug/l	0.03
Spiked Amount 50.000			Recovery	=	98.92%	
35) Dibromofluoromethane	6.92	113	243751	41.21	ug/l	0.03
Spiked Amount 50.000			Recovery	=	82.42%	
50) Toluene-d8	10.42	98	552550	38.75	ug/l	0.02
Spiked Amount 50.000			Recovery	=	77.50%	
62) 4-Bromofluorobenzene	13.56	95	200720	35.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.10%	
Target Compounds						
16) Acetone	3.22	43	49212	50.465	ug/l #	81
18) Methyl Acetate	3.64	43	8054	4.341	ug/l #	89
20) Methylene Chloride	3.81	84	22018	5.408	ug/l #	82
52) Toluene	10.51	92	15861	1.847	ug/l	79

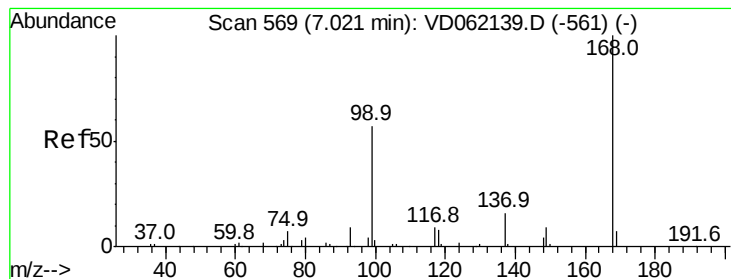
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051519\
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Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD062406.D

Acq: 15 May 2019 23:36

Instrument :

MSVOA_D

ClientSampleId :

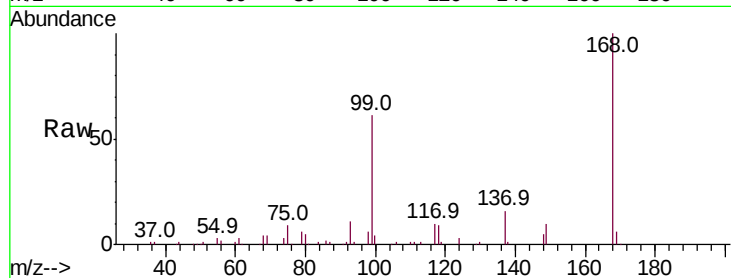
HR-06-051519-B

Tot Ion:168 Resp: 500378

Ion Ratio Lower Upper

168 100

99 61.3 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

200000

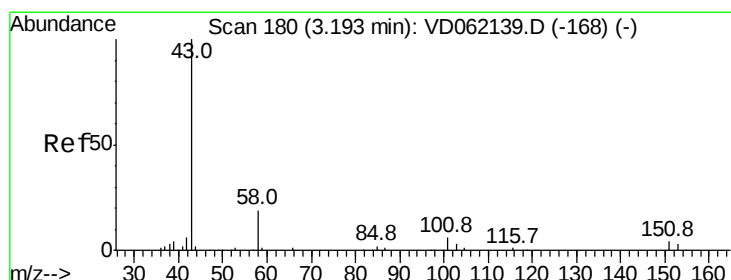
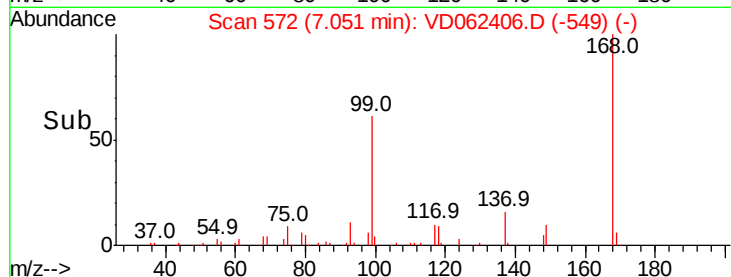
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 50.465 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062406.D

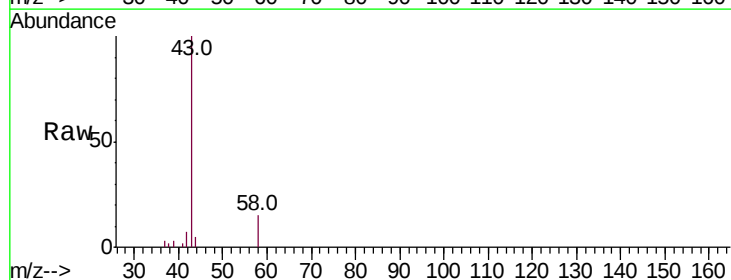
Acq: 15 May 2019 23:36

Tgt Ion: 43 Resp: 49212

Ion Ratio Lower Upper

43 100

58 15.4 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

20000

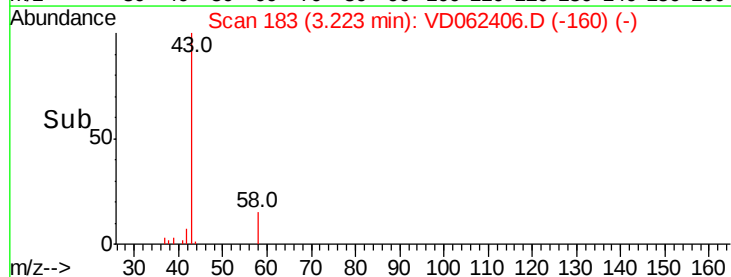
15000

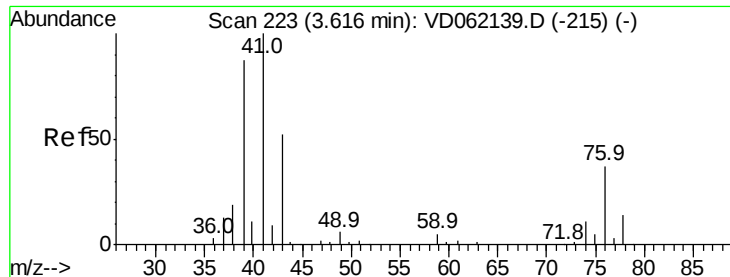
10000

5000

0

Time--> 3.10 3.20 3.30 3.40

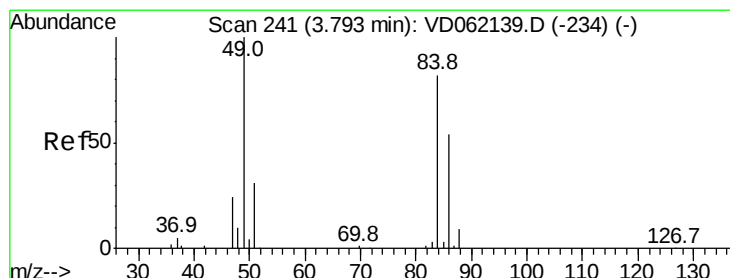
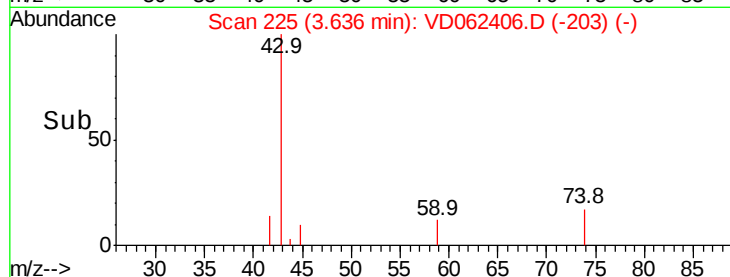
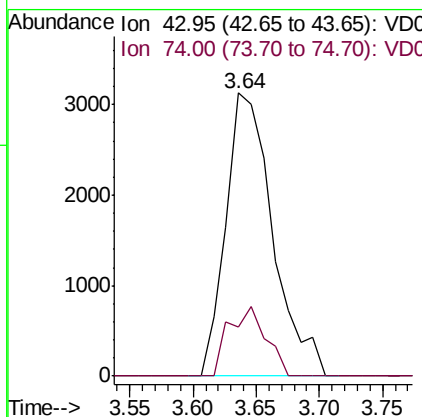
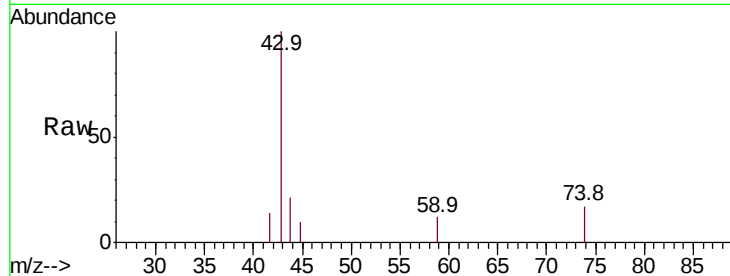




#18
Methyl Acetate
Concen: 4.341 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.02 min
Lab File: VD062406.D
Acq: 15 May 2019 23:36

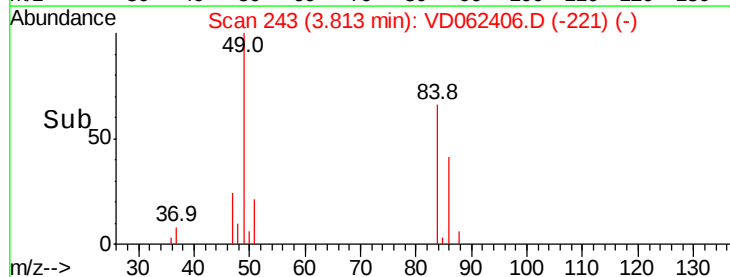
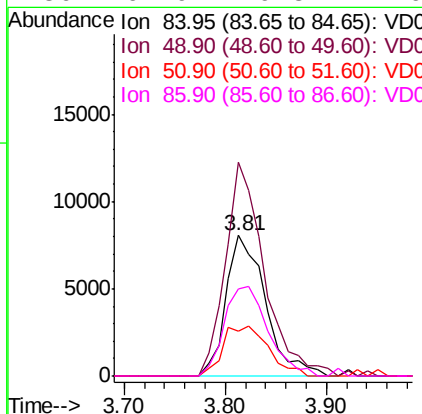
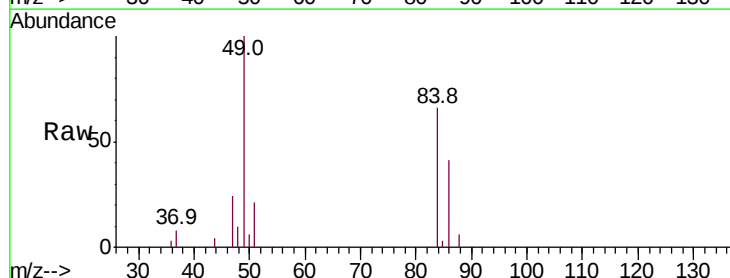
Instrument :
MSVOA_D
ClientSampleId :
HR-06-051519-B

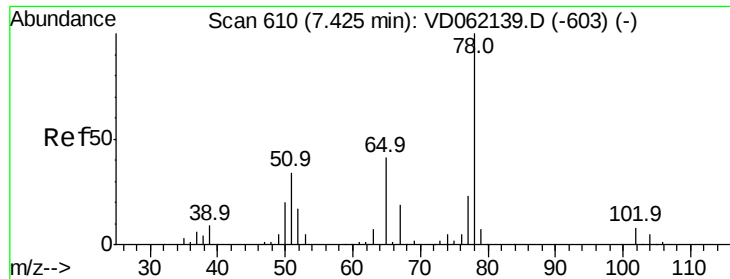
Tot Ion: 43 Resp: 8054
Ion Ratio Lower Upper
43 100
74 17.3 18.0 27.0#



#20
Methylene Chloride
Concen: 5.408 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD062406.D
Acq: 15 May 2019 23:36

Tgt Ion: 84 Resp: 22018
Ion Ratio Lower Upper
84 100
49 151.8 94.0 141.0#
51 31.8 29.0 43.4
86 61.9 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 49.464 ug/l

RT: 7.45 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD062406.D

Acq: 15 May 2019 23:36

Instrument :

MSVOA_D

ClientSampleId :

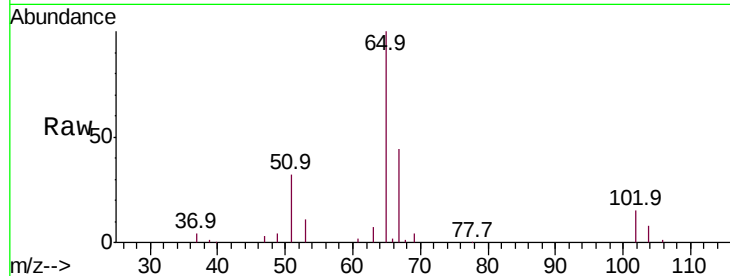
HR-06-051519-B

Tot Ion: 65 Resp: 230012

Ion Ratio Lower Upper

65 100

67 43.8 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

80000

60000

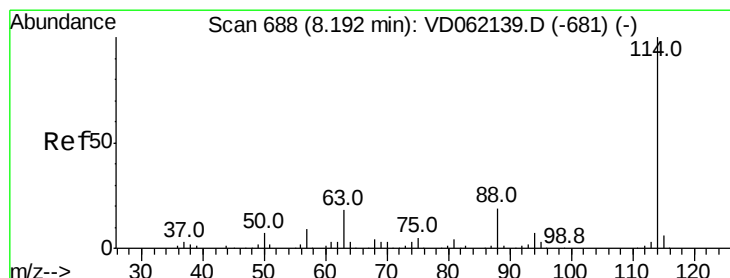
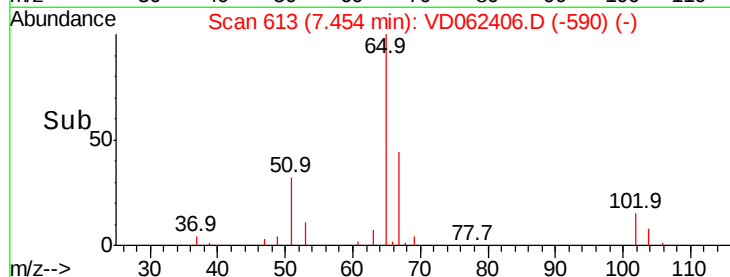
40000

20000

0

Time-->

7.30 7.40 7.50 7.60 7.70



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. 0.03 min

Lab File: VD062406.D

Acq: 15 May 2019 23:36

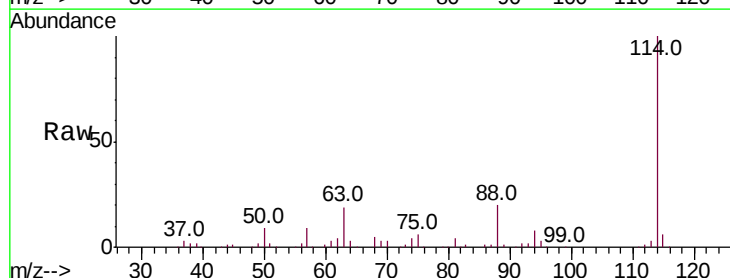
Tgt Ion: 114 Resp: 712864

Ion Ratio Lower Upper

114 100

63 18.8 0.0 32.4

88 20.0 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

8.22

400000

300000

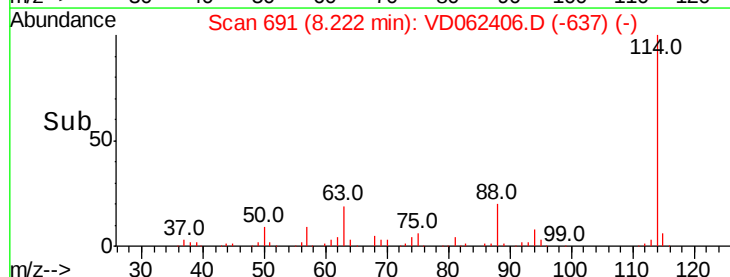
200000

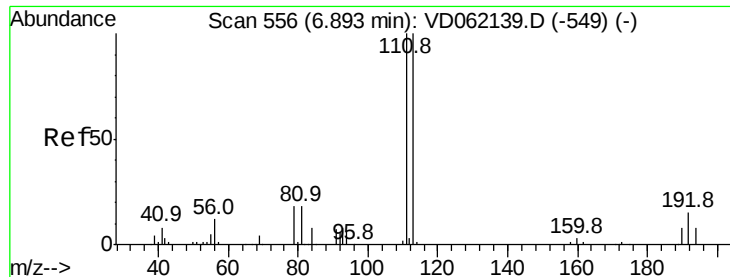
100000

0

Time-->

8.10 8.20 8.30 8.40 8.50





#35

Dibromofluoromethane

Concen: 41.211 ug/l

RT: 6.92 min Scan# 559

Delta R.T. 0.03 min

Lab File: VD062406.D

Acq: 15 May 2019 23:36

Instrument :

MSVOA_D

ClientSampleId :

HR-06-051519-B

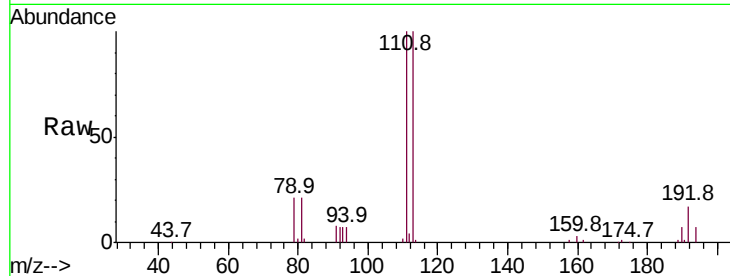
Tot Ion:113 Resp: 243751

Ion Ratio Lower Upper

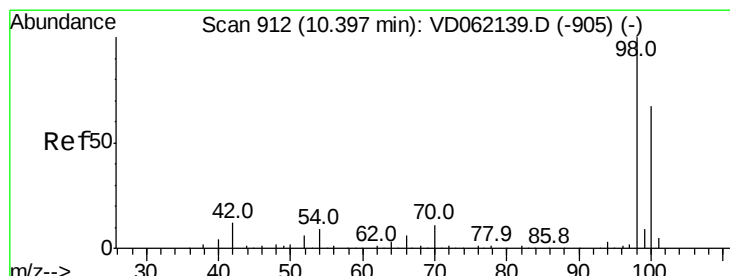
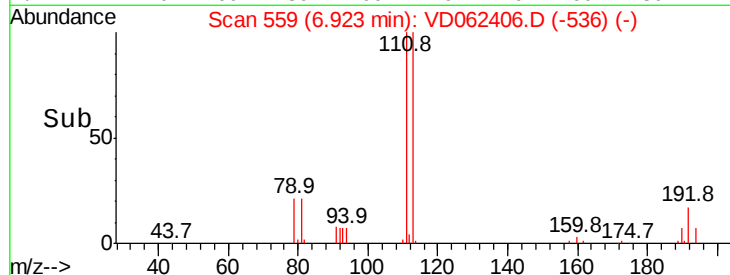
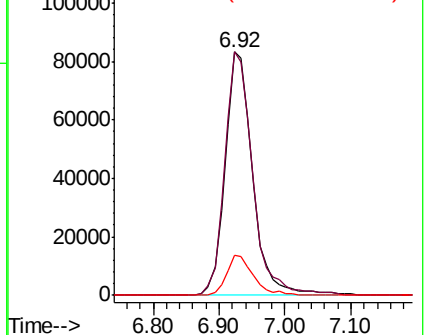
113 100

111 100.2 78.5 117.7

192 16.6 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: 38.746 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062406.D

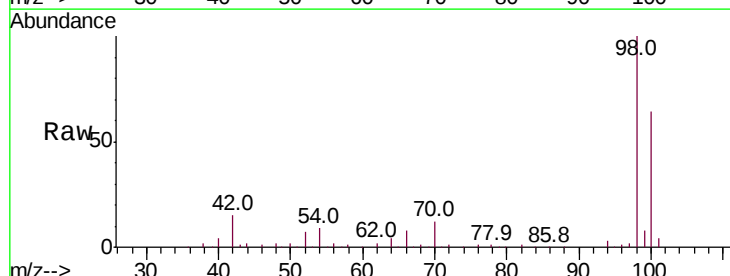
Acq: 15 May 2019 23:36

Tgt Ion: 98 Resp: 552550

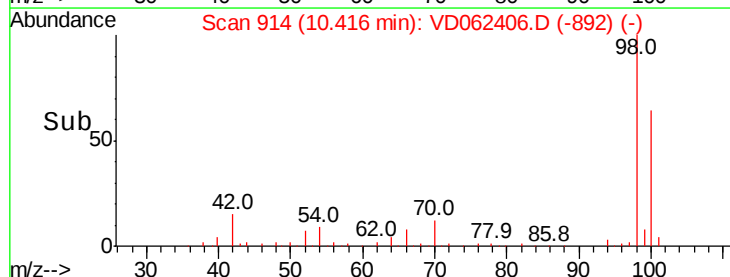
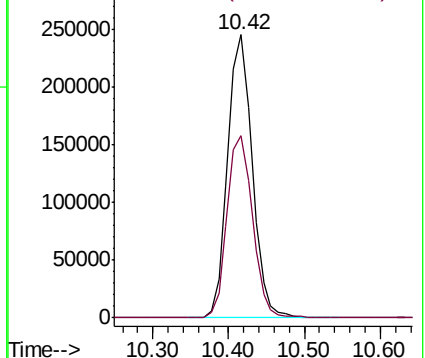
Ion Ratio Lower Upper

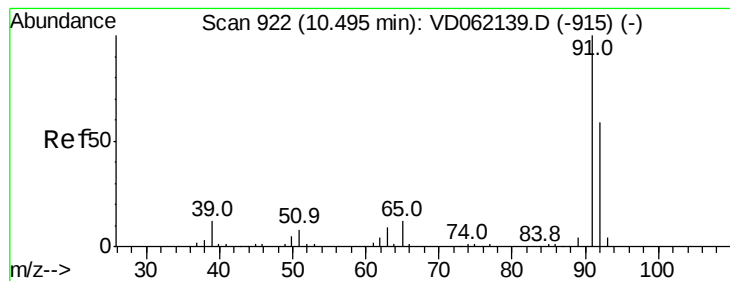
98 100

100 64.5 53.8 80.8



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





#52

Toluene

Concen: 1.847 ug/l

RT: 10.51 min Scan# 924

Delta R.T. 0.02 min

Lab File: VD062406.D

Acq: 15 May 2019 23:36

Instrument :

MSVOA_D

ClientSampleId :

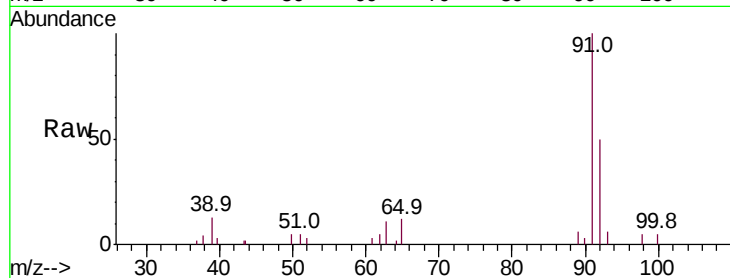
HR-06-051519-B

Tot Ion: 92 Resp: 15861

Ion Ratio Lower Upper

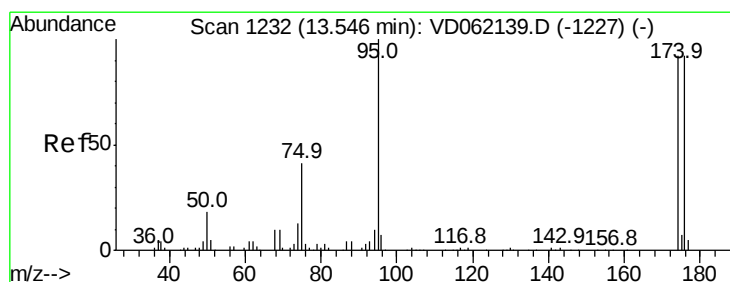
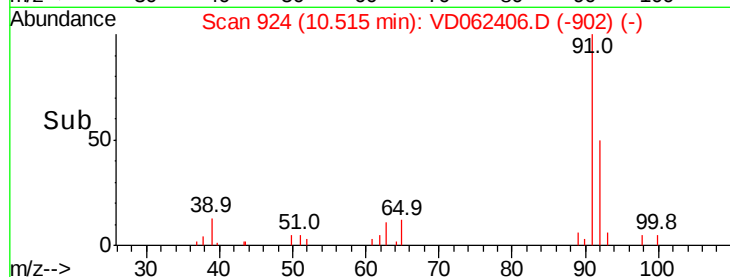
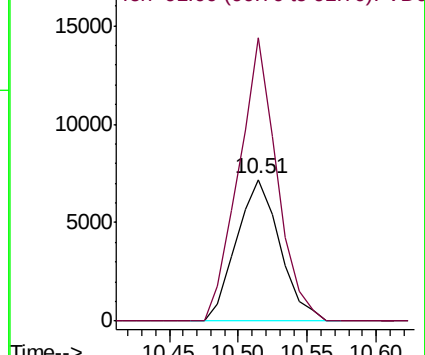
92 100

91 199.6 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 35.050 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062406.D

Acq: 15 May 2019 23:36

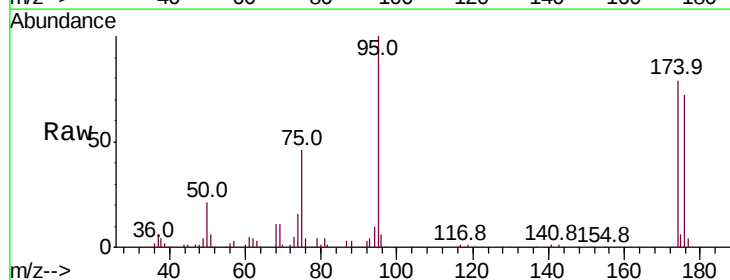
Tgt Ion: 95 Resp: 200720

Ion Ratio Lower Upper

95 100

174 79.1 0.0 181.8

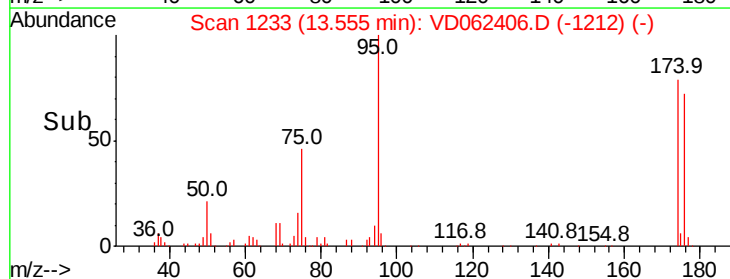
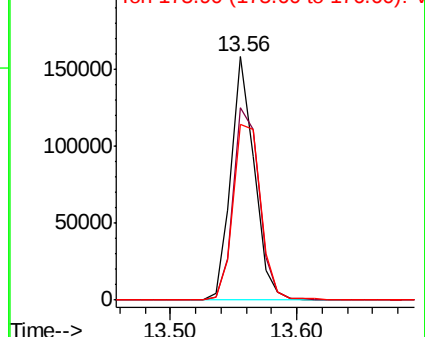
176 72.1 0.0 174.4

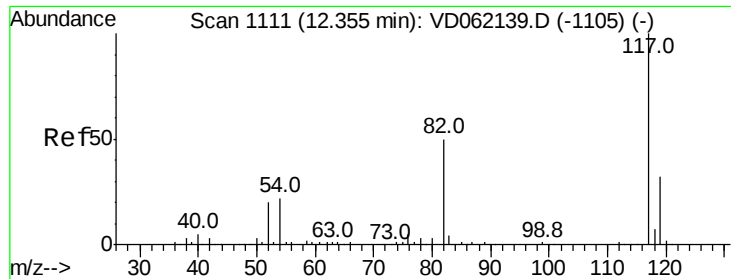


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

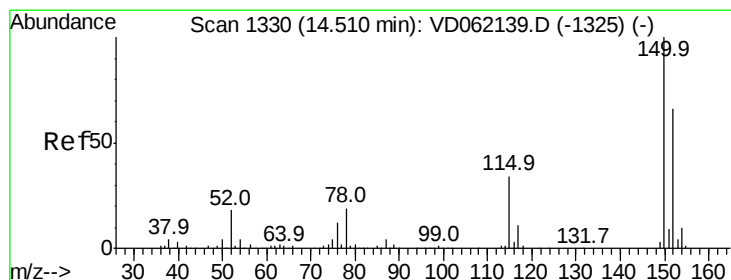
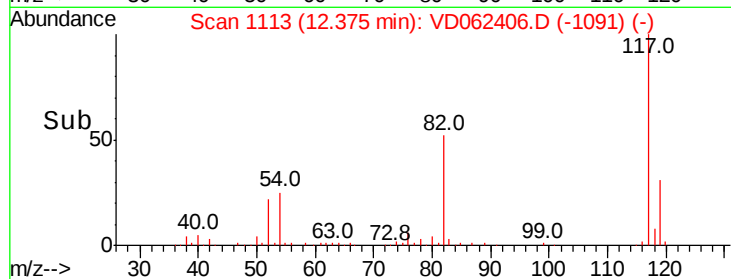
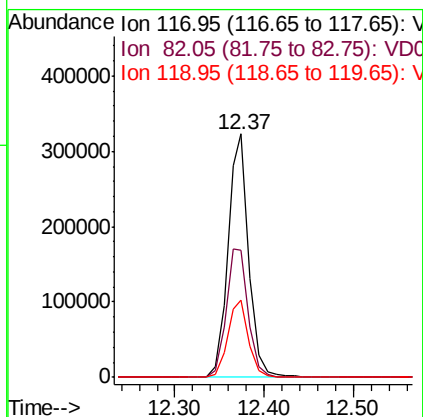
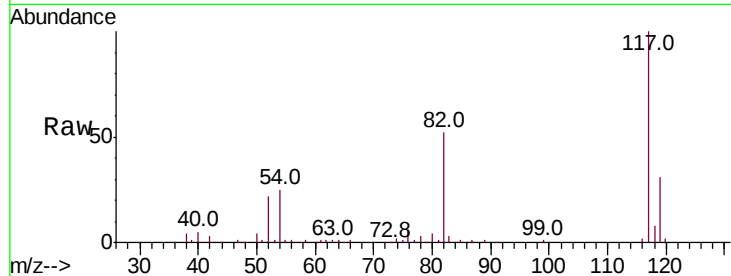




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062406.D
Acq: 15 May 2019 23:36

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MSVOA_D
ClientSampleId :
HR-06-051519-B

Tot Ion:117 Resp: 525467
Ion Ratio Lower Upper
117 100
82 52.0 36.2 54.2
119 31.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062406.D
Acq: 15 May 2019 23:36

Tgt Ion:152 Resp: 218350
Ion Ratio Lower Upper
152 100
115 58.1 30.9 92.7
150 151.7 0.0 314.8

