

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032019\
 Data File : VD061221.D
 Acq On : 20 Mar 2019 21:16
 Operator : VA/AP
 Sample : K2004-08
 Misc : 3.64g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19B(13.5-14.5)

Quant Time: Mar 22 03:33:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

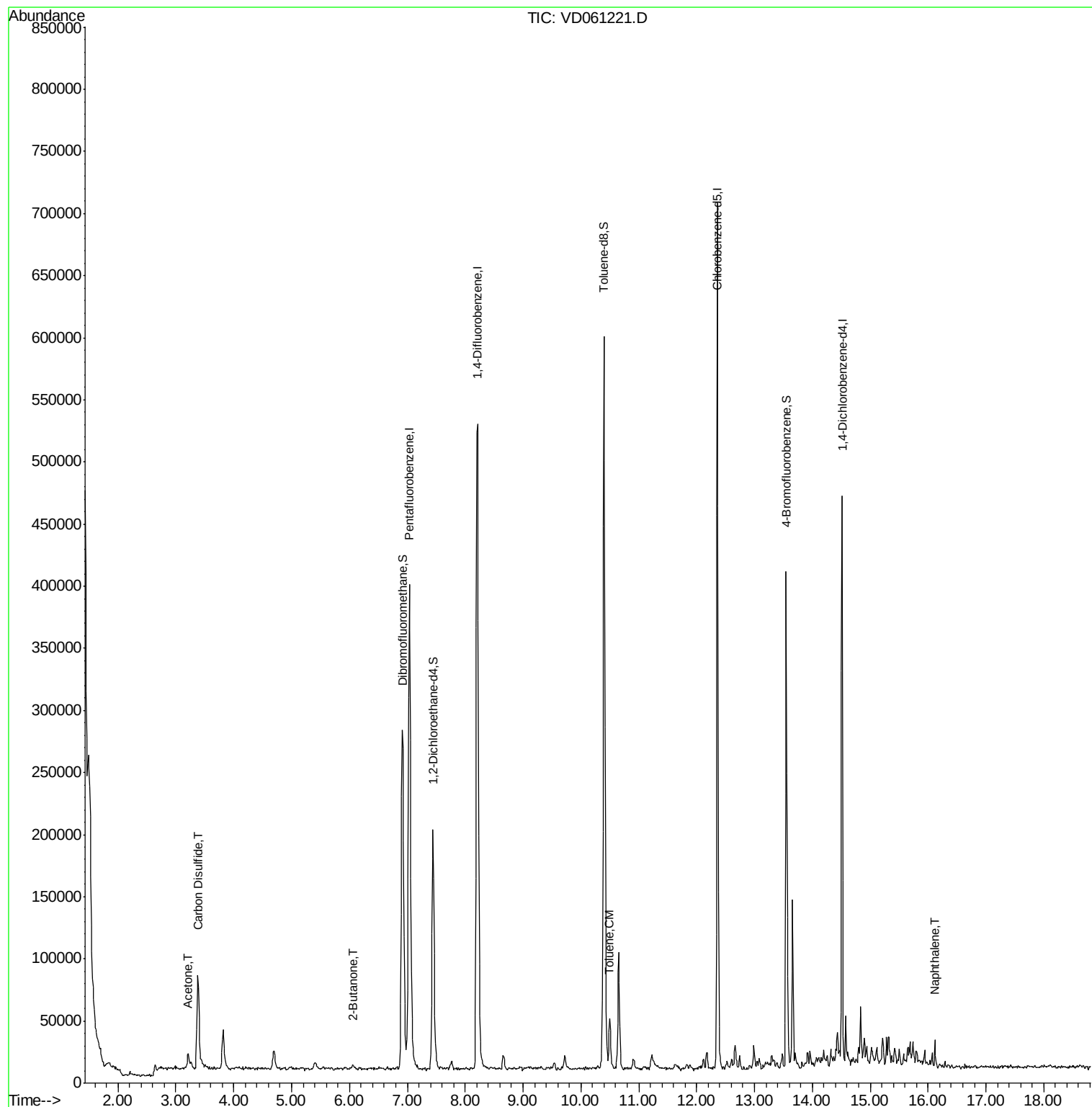
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	402567	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	678613	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	428268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	103849	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	184922	55.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.38%	
35) Dibromofluoromethane	6.91	113	271693	53.95	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	107.90%	
50) Toluene-d8	10.40	98	516947	40.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.76%	
62) 4-Bromofluorobenzene	13.55	95	123579	25.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.36%	
Target Compounds						
16) Acetone	3.21	43	24602	25.675	ug/l	95
17) Carbon Disulfide	3.38	76	163850	12.020	ug/l	100
25) 2-Butanone	6.05	43	6917	6.362	ug/l #	89
52) Toluene	10.50	92	22014	2.422	ug/l	98
95) Naphthalene	16.12	128	13432	6.700	ug/l #	94

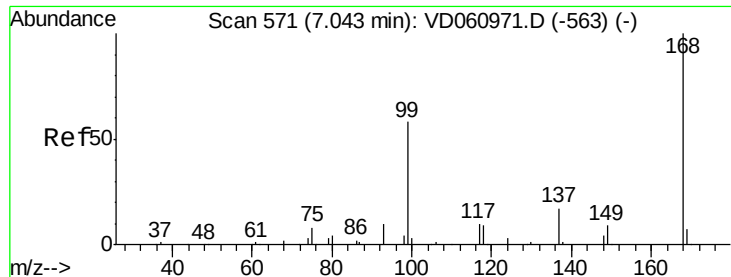
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032019\
Data File : VD061221.D
Acq On : 20 Mar 2019 21:16
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Instrument :
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SB-19B(13.5-14.5)

Quant Time: Mar 22 03:33:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD061221.D

Acq: 20 Mar 2019 21:16

Instrument :

MSVOA_D

ClientSampleId :

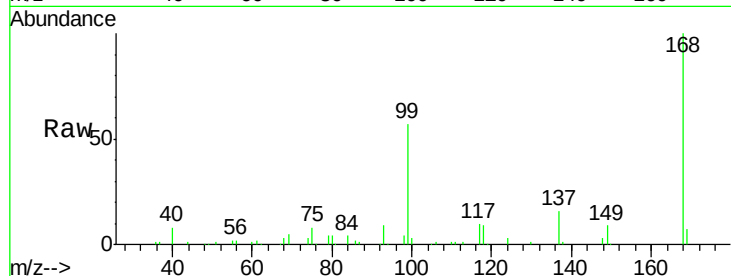
SB-19B(13.5-14.5)

Tot Ion:168 Resp: 402567

Ion Ratio Lower Upper

168 100

99 57.1 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

150000

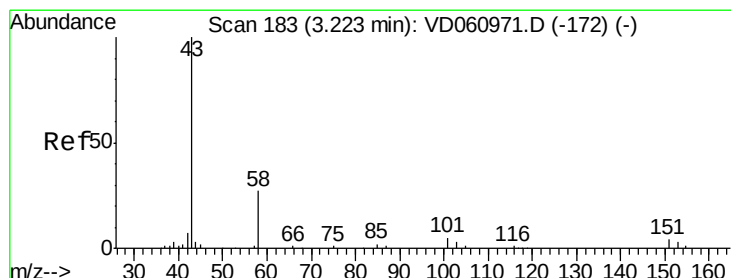
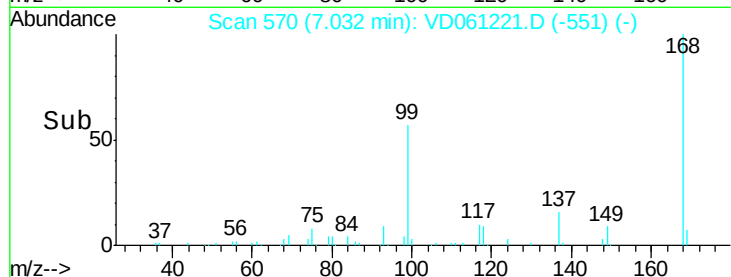
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 25.675 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061221.D

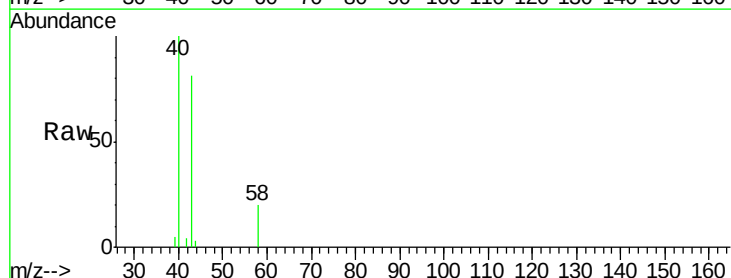
Acq: 20 Mar 2019 21:16

Tgt Ion: 43 Resp: 24602

Ion Ratio Lower Upper

43 100

58 24.5 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

10000

8000

6000

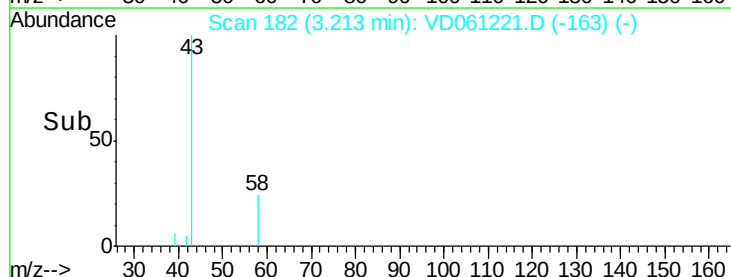
4000

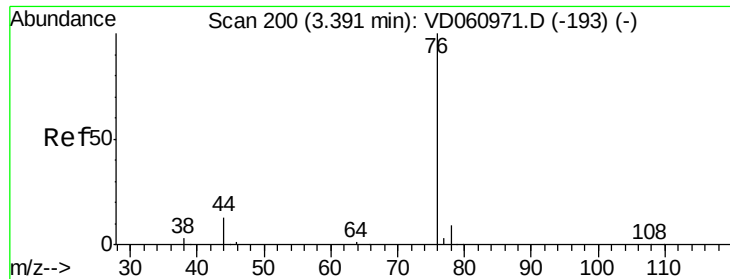
2000

0

3.10 3.20 3.30 3.40

Time-->





#17

Carbon Disulfide

Concen: 12.020 ug/l

RT: 3.38 min Scan# 199

Delta R.T. -0.01 min

Lab File: VD061221.D

Acq: 20 Mar 2019 21:16

Instrument :

MSVOA_D

ClientSampleId :

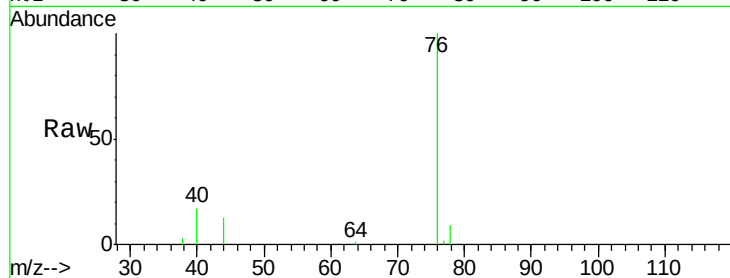
SB-19B(13.5-14.5)

Tot Ion: 76 Resp: 163850

Ion Ratio Lower Upper

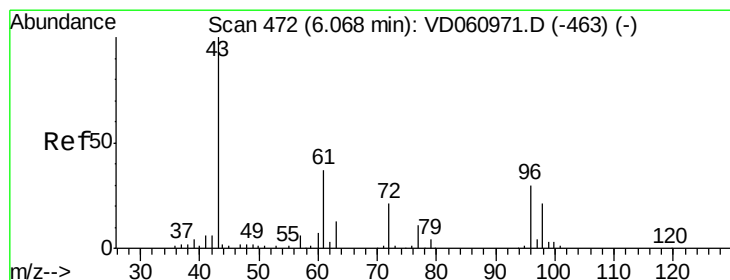
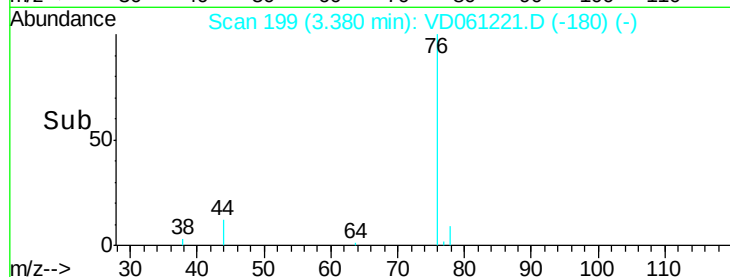
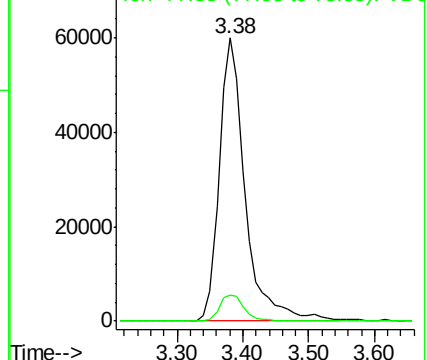
76 100

78 9.3 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#25

2-Butanone

Concen: 6.362 ug/l

RT: 6.05 min Scan# 470

Delta R.T. -0.02 min

Lab File: VD061221.D

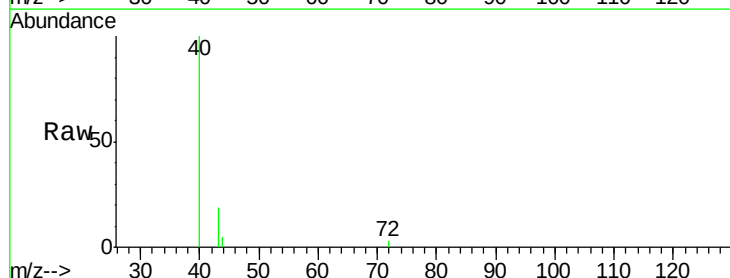
Acq: 20 Mar 2019 21:16

Tgt Ion: 43 Resp: 6917

Ion Ratio Lower Upper

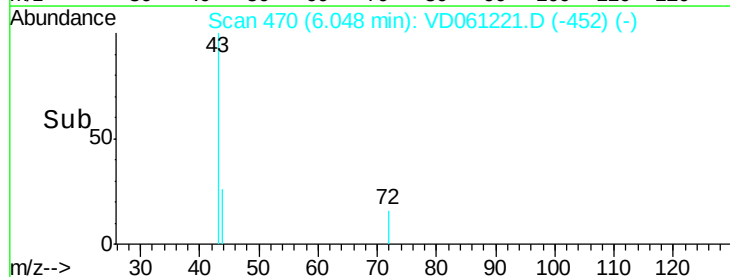
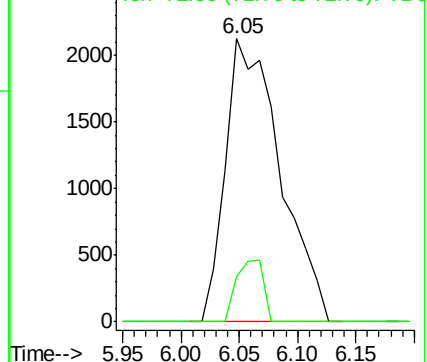
43 100

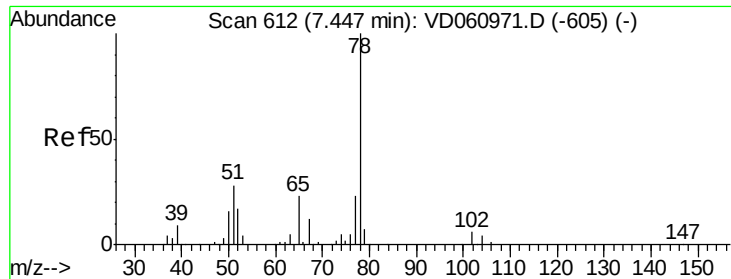
72 16.0 16.7 25.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

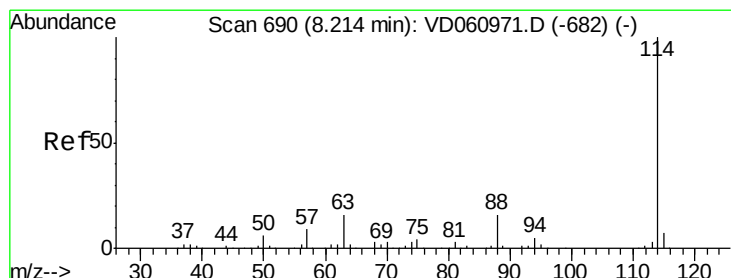
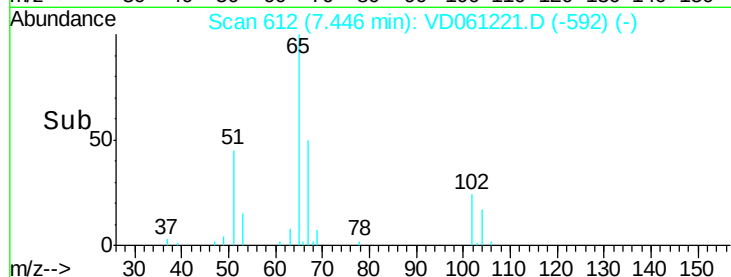
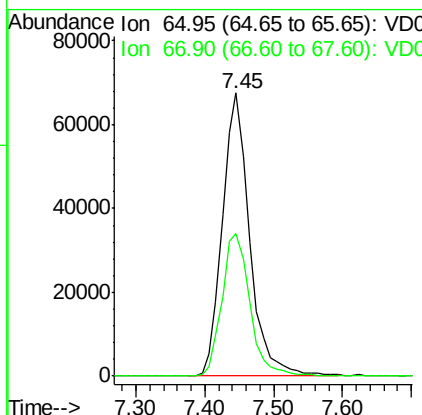
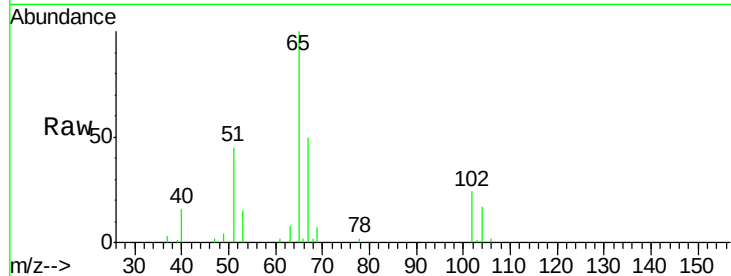




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VD061221.D
 Acq: 20 Mar 2019 21:16

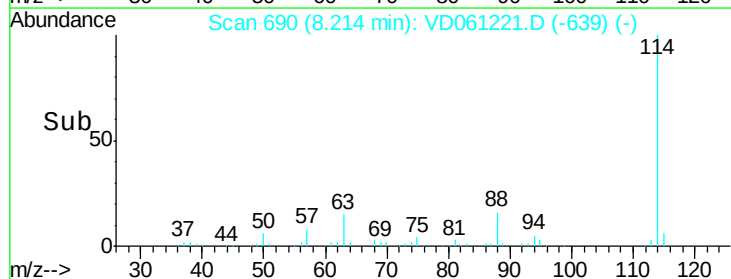
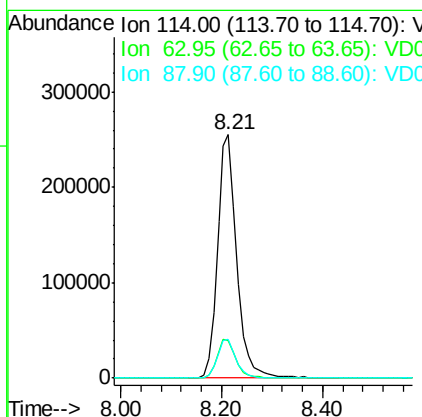
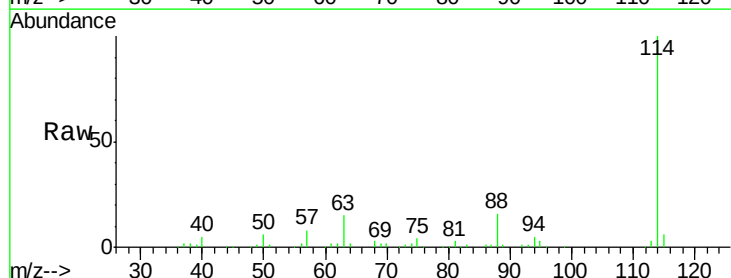
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19B(13.5-14.5)

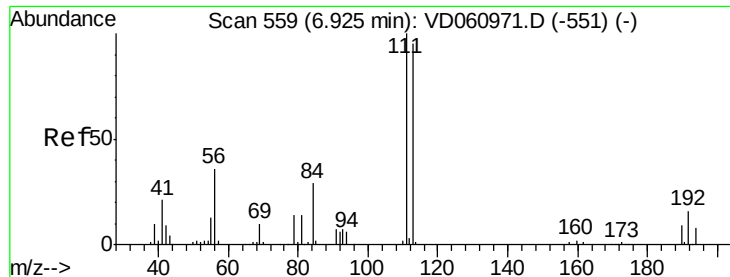
Tot Ion: 65 Resp: 184922
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD061221.D
 Acq: 20 Mar 2019 21:16

Tgt Ion: 114 Resp: 678613
 Ion Ratio Lower Upper
 114 100
 63 15.2 0.0 31.4
 88 15.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.91 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD061221.D

Acq: 20 Mar 2019 21:16

Instrument :

MSVOA_D

ClientSampleId :

SB-19B(13.5-14.5)

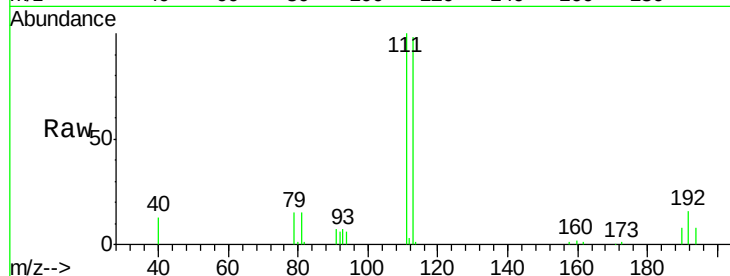
Tot Ion:113 Resp: 271693

Ion Ratio Lower Upper

113 100

111 102.2 84.2 126.4

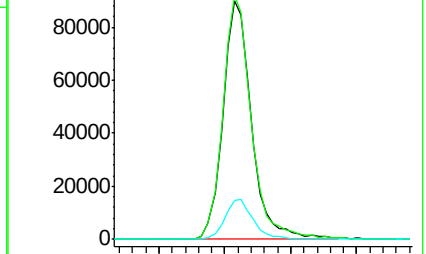
192 16.5 13.1 19.7



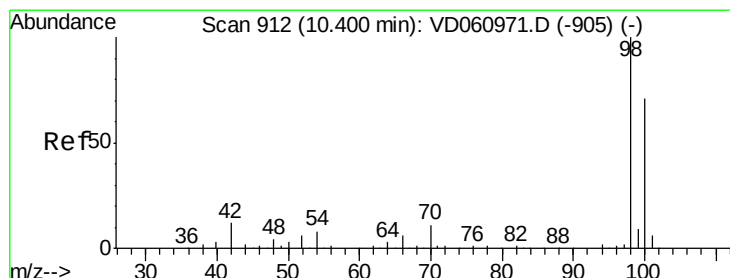
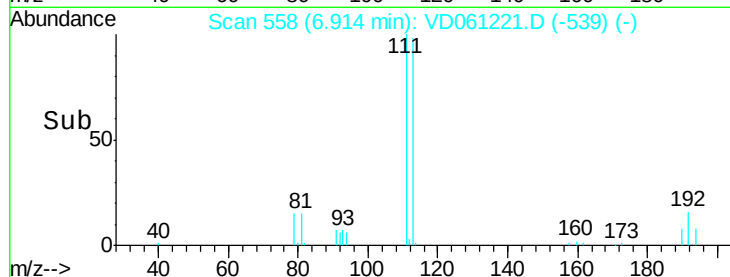
Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



Time-->



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD061221.D

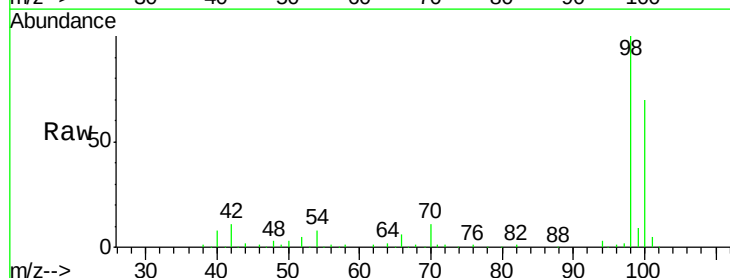
Acq: 20 Mar 2019 21:16

Tgt Ion: 98 Resp: 516947

Ion Ratio Lower Upper

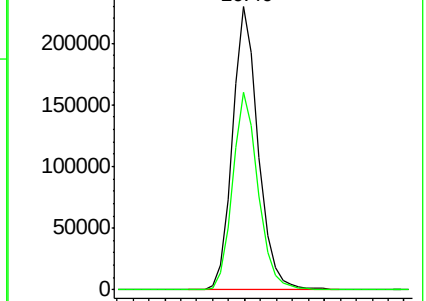
98 100

100 69.7 57.4 86.2

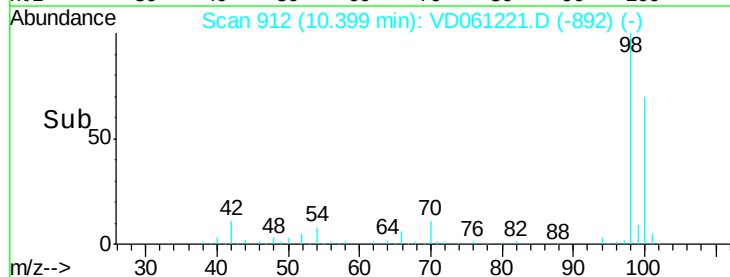


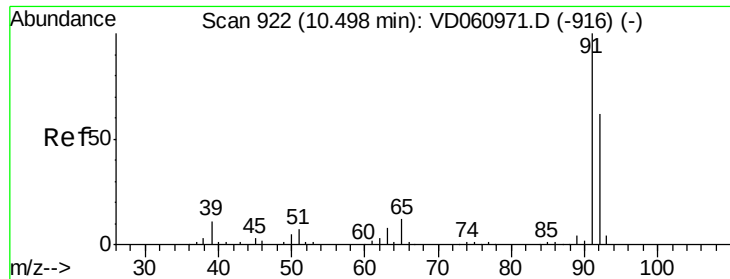
Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V



Time-->





#52

Toluene

Concen: 2.422 ug/l

RT: 10.50 min Scan# 922

Delta R.T. -0.00 min

Lab File: VD061221.D

Acq: 20 Mar 2019 21:16

Instrument :

MSVOA_D

ClientSampleId :

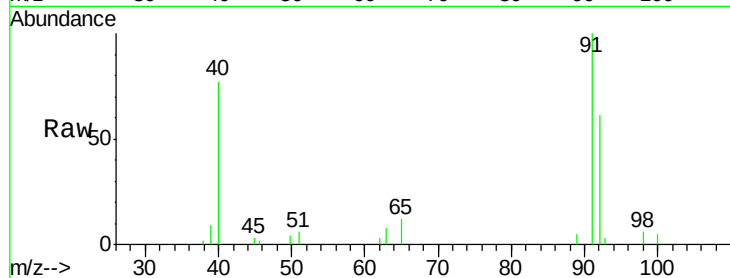
SB-19B(13.5-14.5)

Tot Ion: 92 Resp: 22014

Ion Ratio Lower Upper

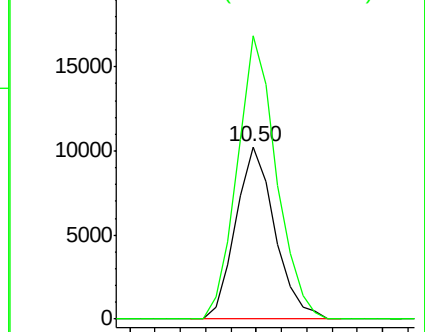
92 100

91 164.5 129.8 194.8

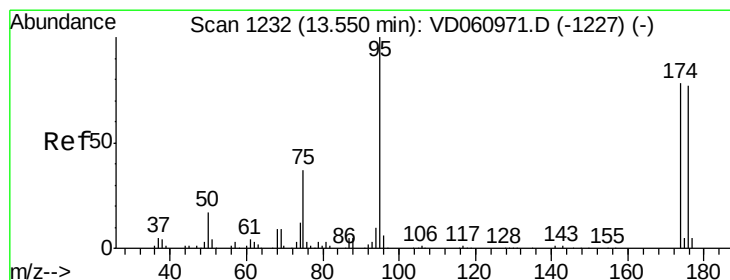
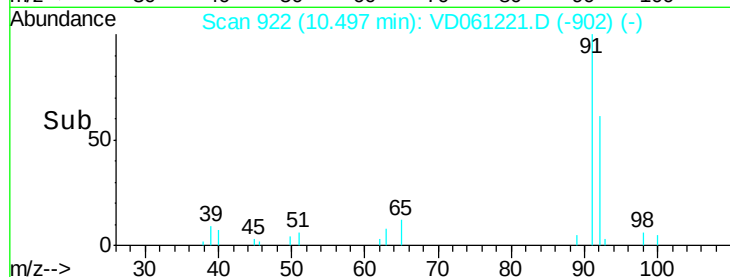


Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061221.D

Acq: 20 Mar 2019 21:16

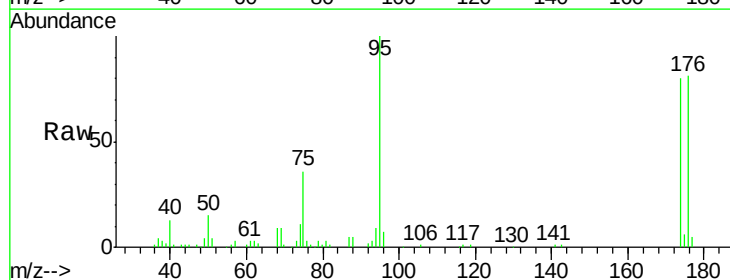
Tgt Ion: 95 Resp: 123579

Ion Ratio Lower Upper

95 100

174 80.4 0.0 155.6

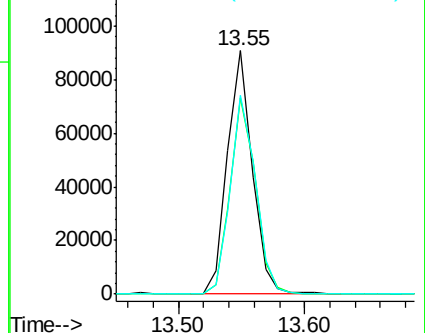
176 81.5 0.0 153.8



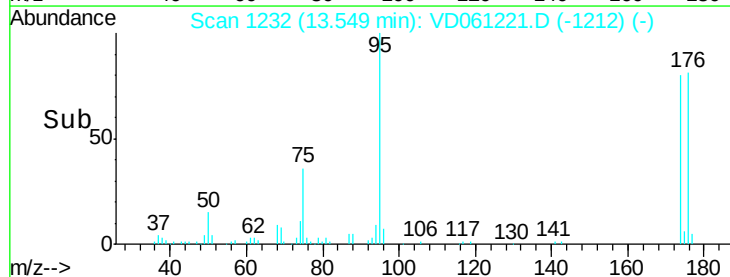
Abundance Ion 95.00 (94.70 to 95.70): VDC

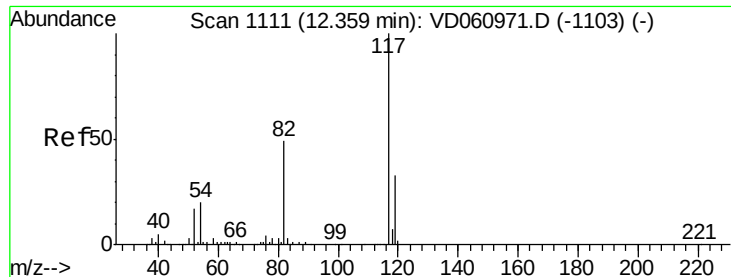
Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



Time-->

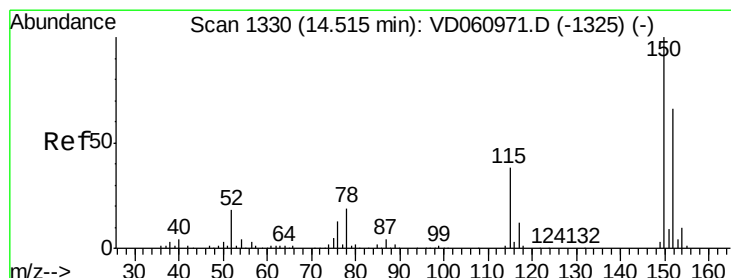
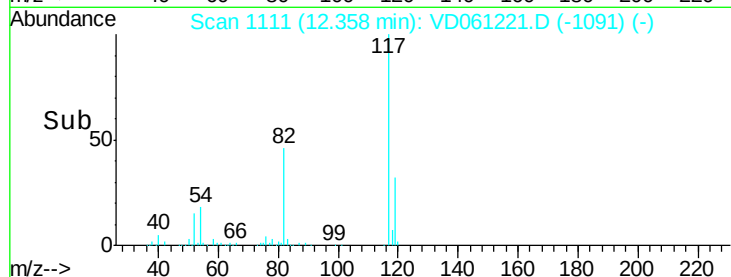
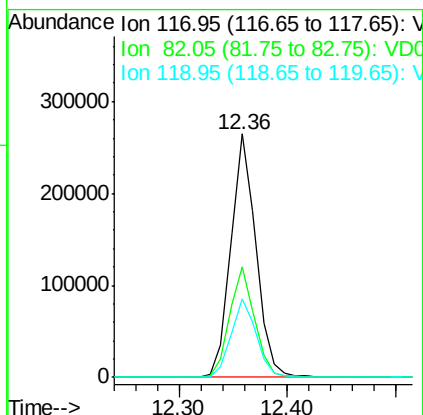
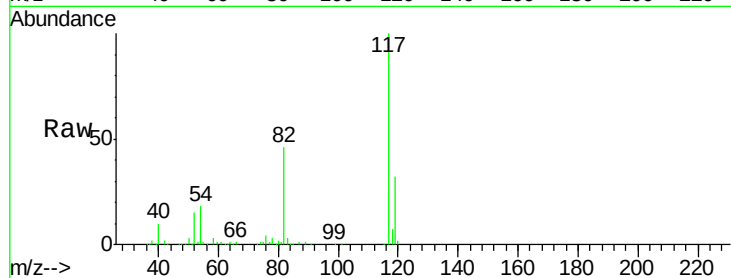




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061221.D
Acq: 20 Mar 2019 21:16

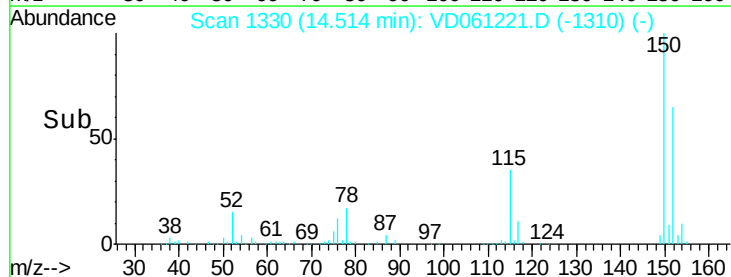
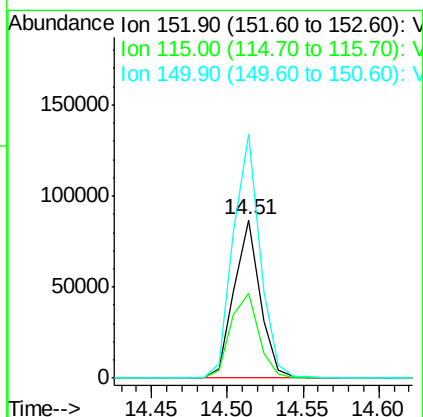
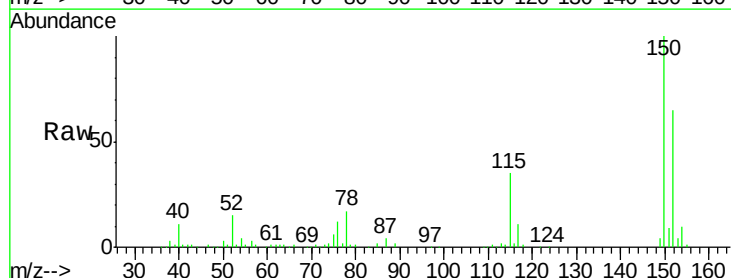
Instrument :
MSVOA_D
ClientSampleId :
SB-19B(13.5-14.5)

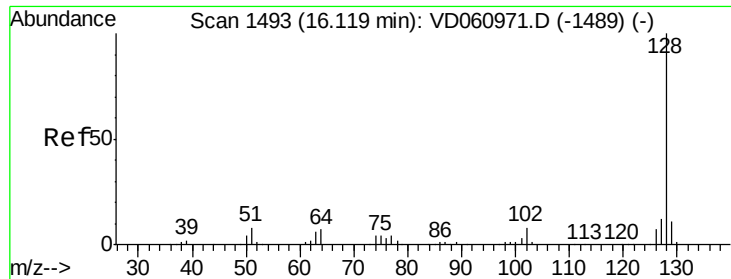
Tot Ion:117 Resp: 428268
Ion Ratio Lower Upper
117 100
82 45.5 38.9 58.3
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061221.D
Acq: 20 Mar 2019 21:16

Tgt Ion:152 Resp: 103849
Ion Ratio Lower Upper
152 100
115 53.9 28.6 85.9
150 153.9 0.0 310.6





#95

Naphthalene

Concen: 6.700 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VD061221.D

Acq: 20 Mar 2019 21:16

Instrument :

MSVOA_D

ClientSampleId :

SB-19B(13.5-14.5)

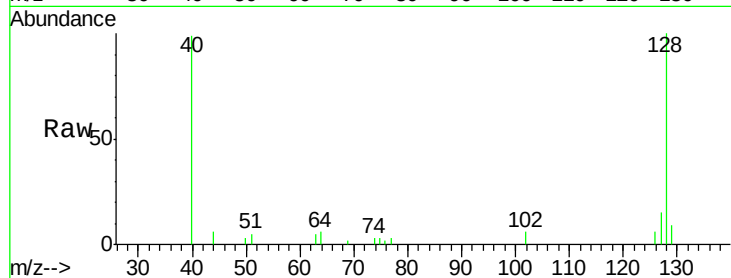
Tot Ion:128 Resp: 13432

Ion Ratio Lower Upper

128 100

127 15.3 9.8 14.8#

129 8.7 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

