

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031219\
 Data File : VD061023.D
 Acq On : 12 Mar 2019 14:47
 Operator : VA/AP
 Sample : K1846-07
 Misc : 4.95g/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-S

Quant Time: Mar 13 04:35:01 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

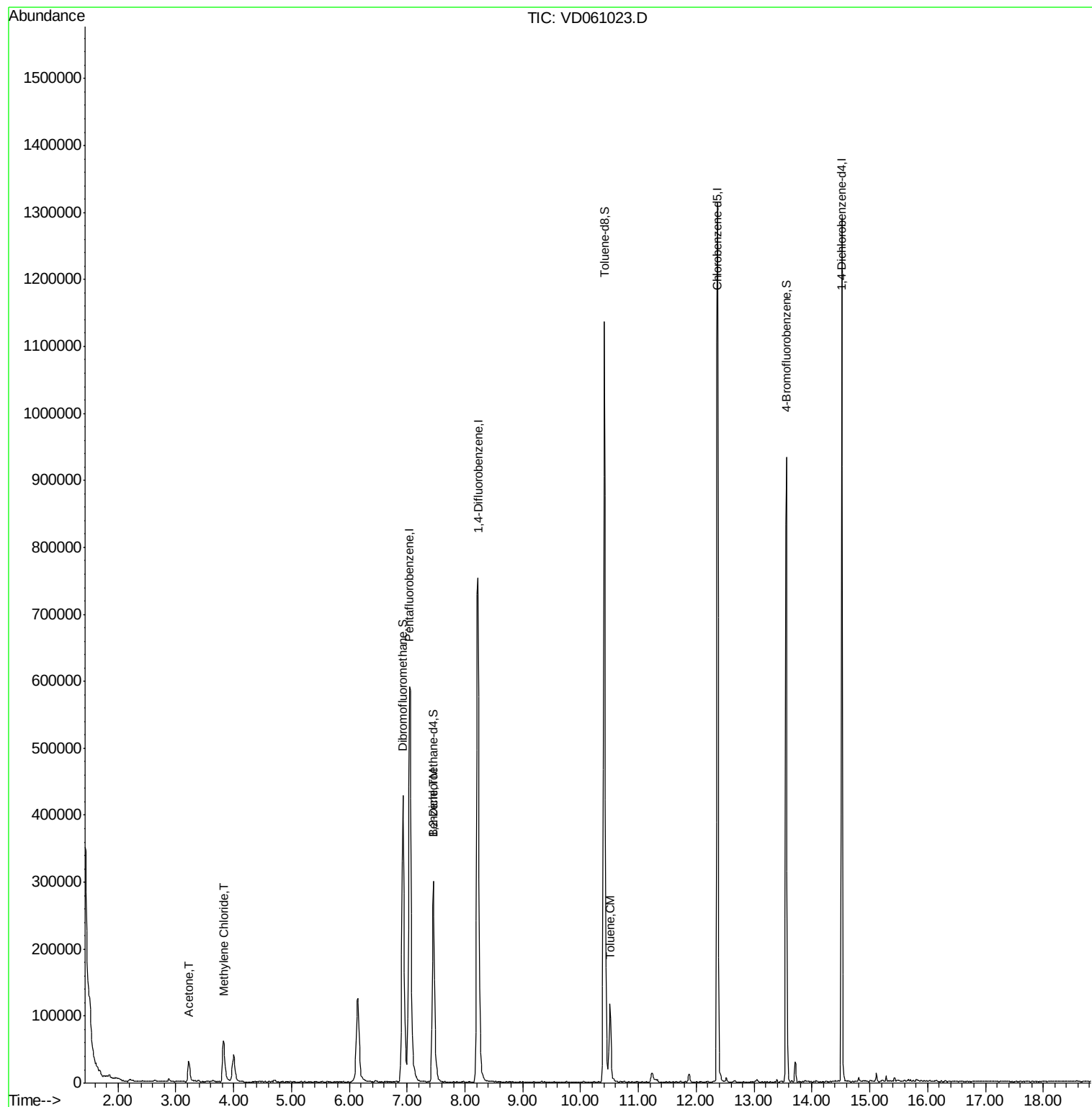
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	626337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1015807	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	852091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	302378	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	259400	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
35) Dibromofluoromethane	6.92	113	416993	55.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.62%	
50) Toluene-d8	10.41	98	980571	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
62) 4-Bromofluorobenzene	13.56	95	319223	43.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.92%	
Target Compounds						
16) Acetone	3.22	43	60035	40.269	ug/l	99
20) Methylene Chloride	3.82	84	48240	2.683	ug/l	97
40) Benzene	7.46	78	35800	1.636	ug/l #	90
52) Toluene	10.51	92	63044	4.634	ug/l	97

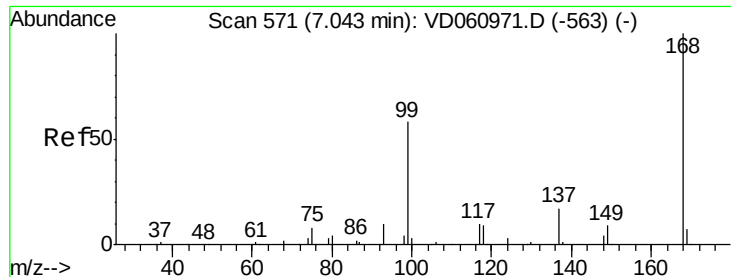
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061023.D

Acq: 12 Mar 2019 14:47

Instrument :

MSVOA_D

ClientSampleID :

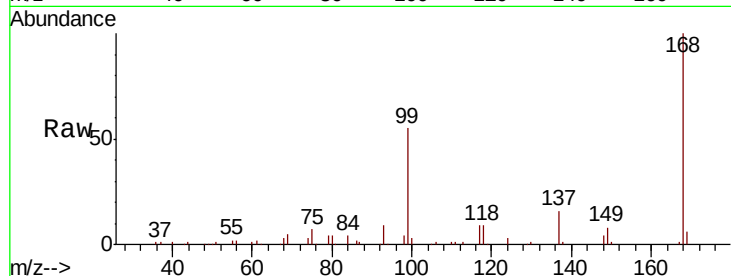
TP-1-S

Tgt Ion:168 Resp: 626337

Ion Ratio Lower Upper

168 100

99 55.0 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

150000

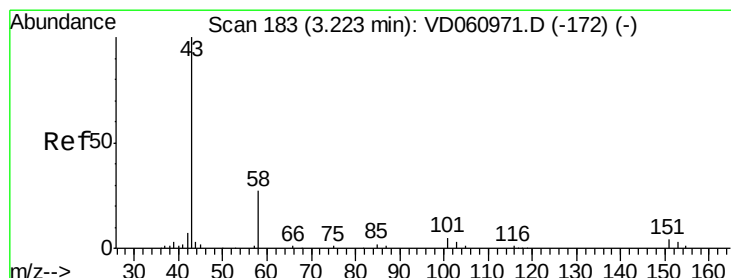
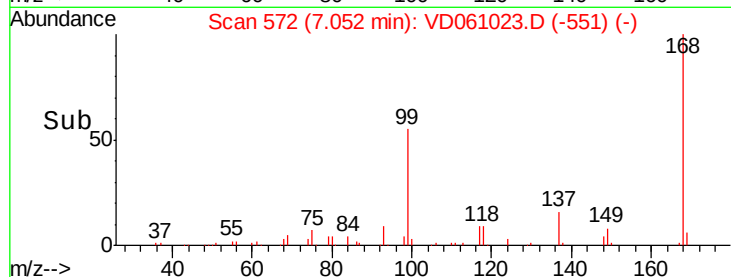
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 40.269 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD061023.D

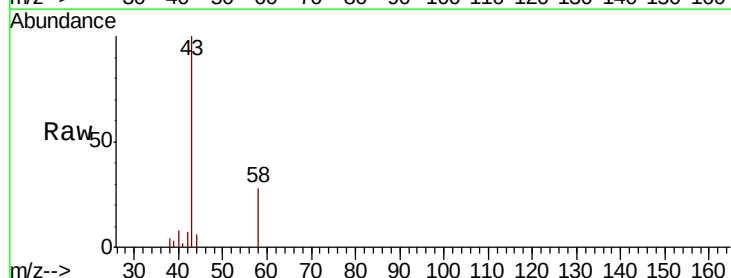
Acq: 12 Mar 2019 14:47

Tgt Ion: 43 Resp: 60035

Ion Ratio Lower Upper

43 100

58 27.6 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

20000

15000

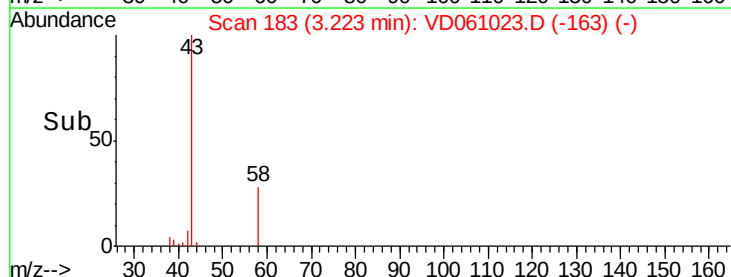
10000

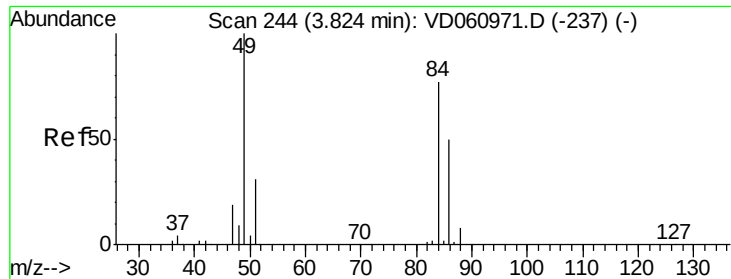
5000

0

Time-->

3.10 3.20 3.30

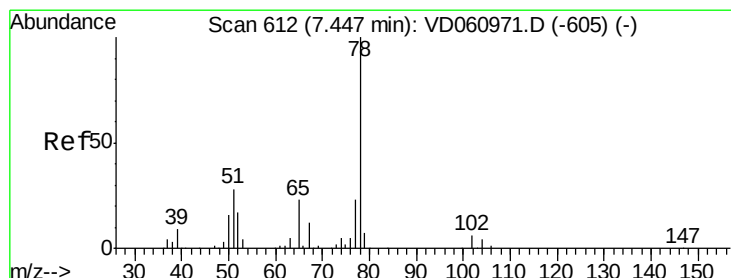
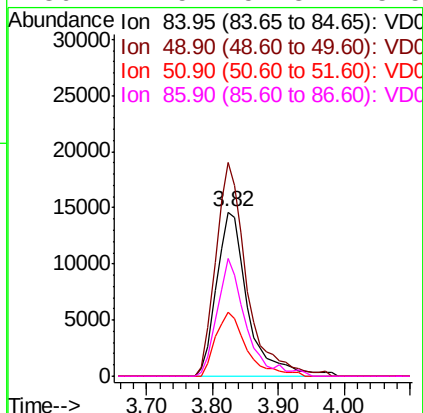
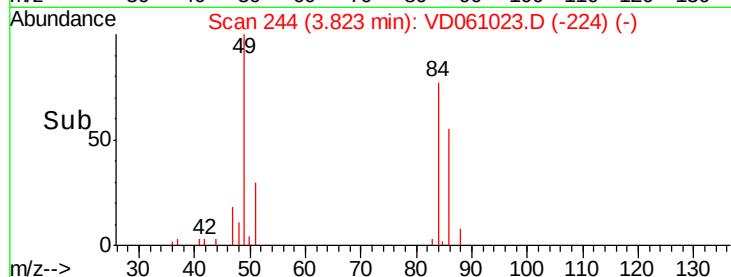
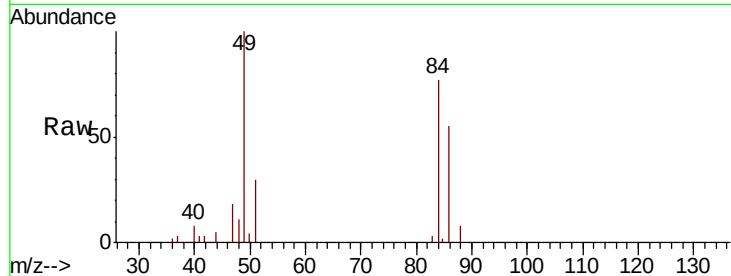




#20
Methylene Chloride
Concen: 2.683 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.00 min
Lab File: VD061023.D
Acq: 12 Mar 2019 14:47

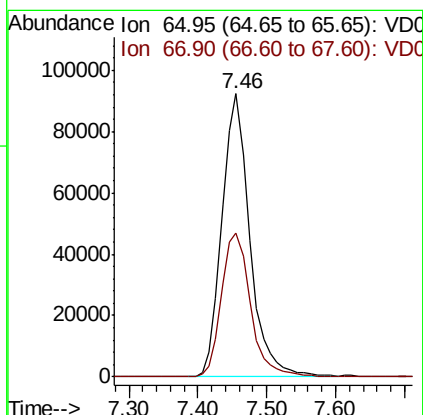
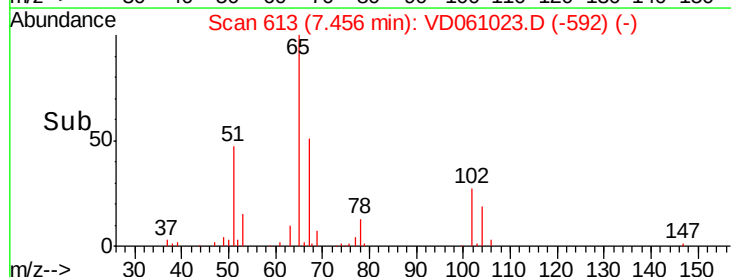
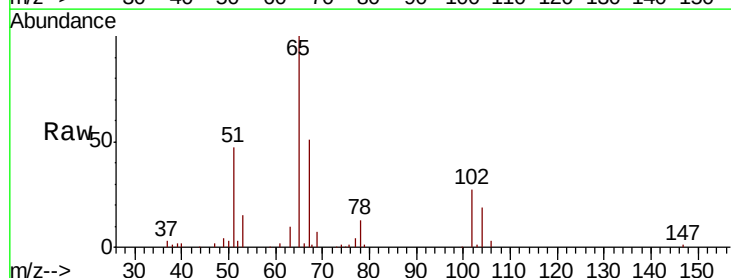
Instrument :
MSVOA_D
ClientSampleId :
TP-1-S

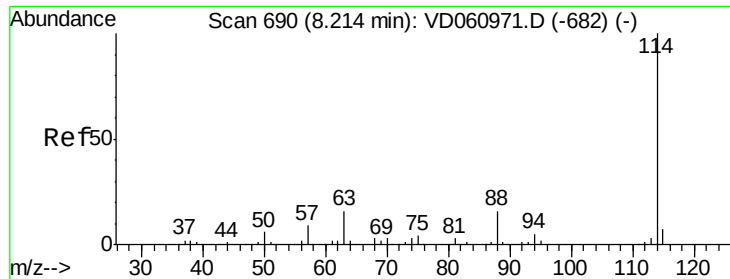
Tgt Ion: 84 Resp: 48240
Ion Ratio Lower Upper
84 100
49 130.0 104.2 156.2
51 39.0 32.3 48.5
86 71.5 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD061023.D
Acq: 12 Mar 2019 14:47

Tgt Ion: 65 Resp: 259400
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD061023.D

Acq: 12 Mar 2019 14:47

Instrument :

MSVOA_D

ClientSampleId :

TP-1-S

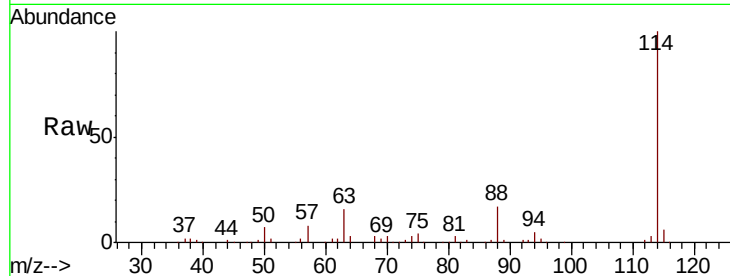
Tgt Ion:114 Resp: 1015807

Ion Ratio Lower Upper

114 100

63 15.5 0.0 31.4

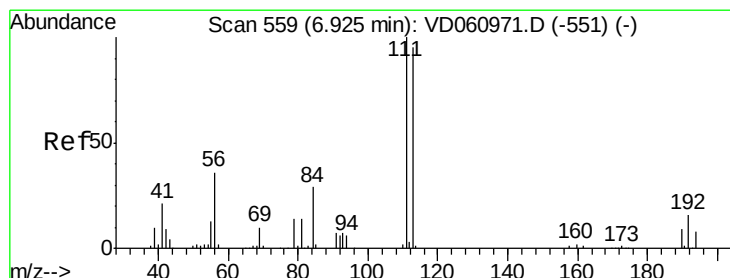
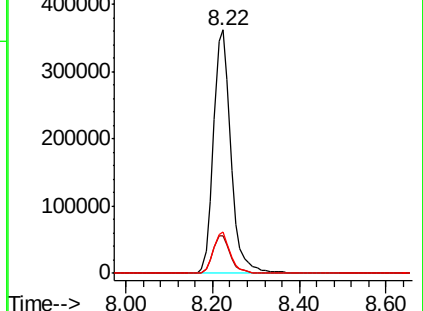
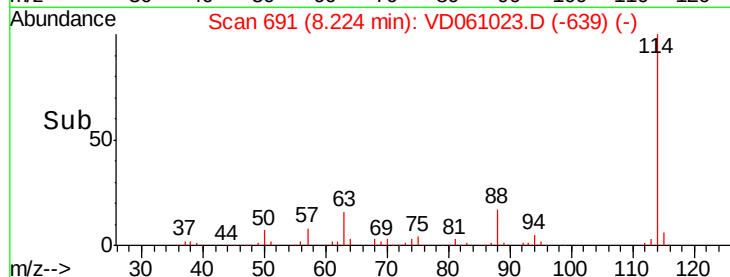
88 17.1 0.0 33.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD061023.D

Acq: 12 Mar 2019 14:47

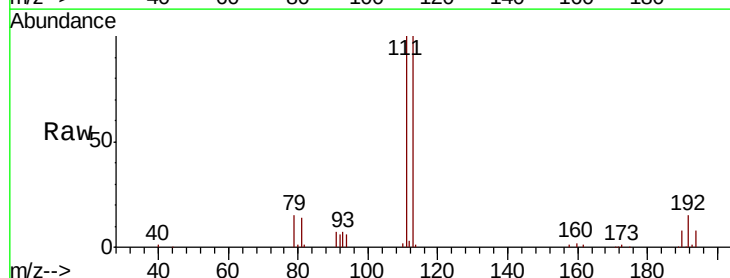
Tgt Ion:113 Resp: 416993

Ion Ratio Lower Upper

113 100

111 99.8 84.2 126.4

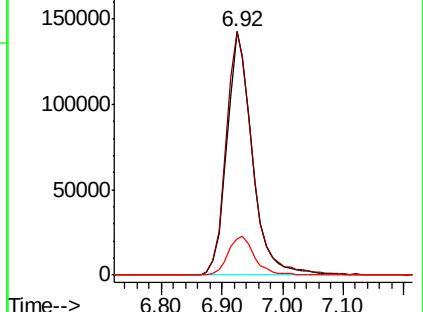
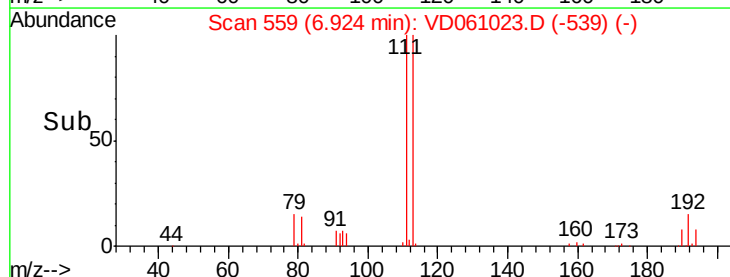
192 14.7 13.1 19.7

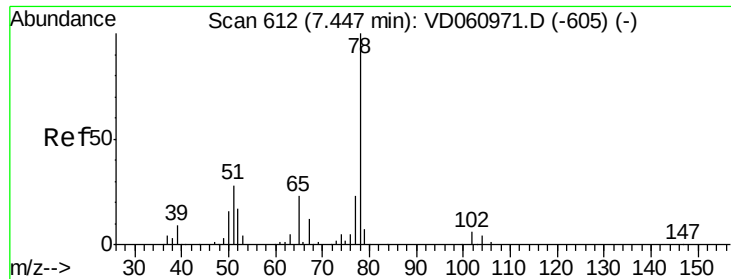


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#40

Benzene

Concen: 1.636 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061023.D

Acq: 12 Mar 2019 14:47

Instrument :

MSVOA_D

ClientSampleId :

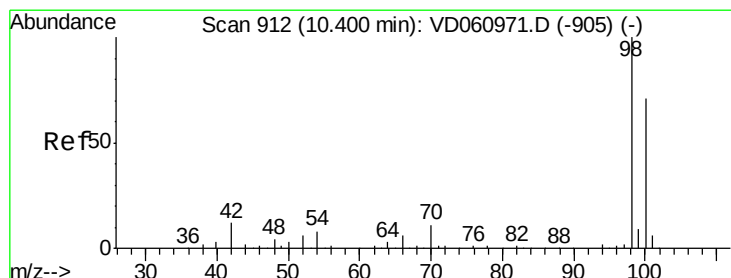
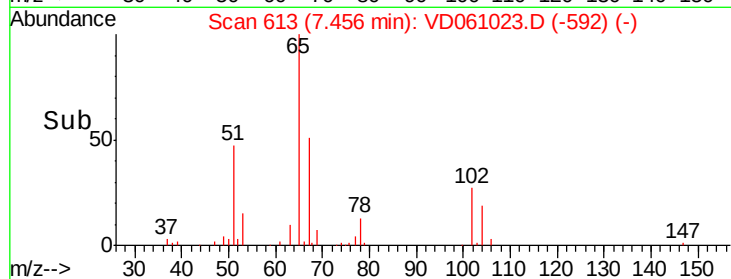
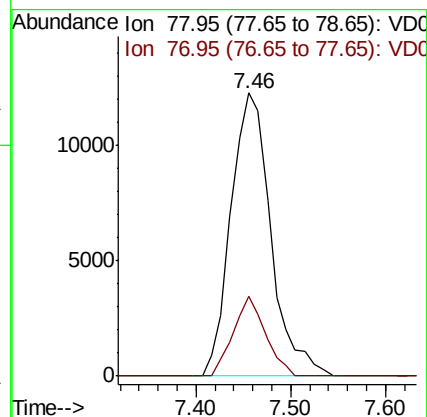
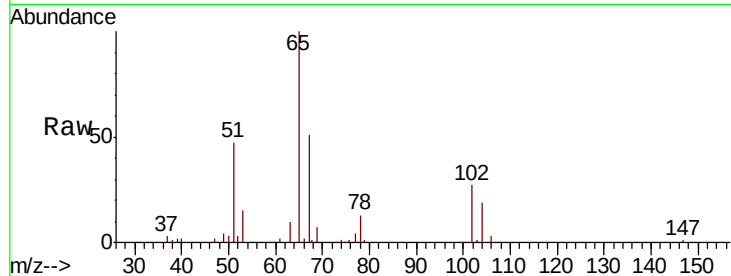
TP-1-S

Tgt Ion: 78 Resp: 35800

Ion Ratio Lower Upper

78 100

77 28.2 18.8 28.2#



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD061023.D

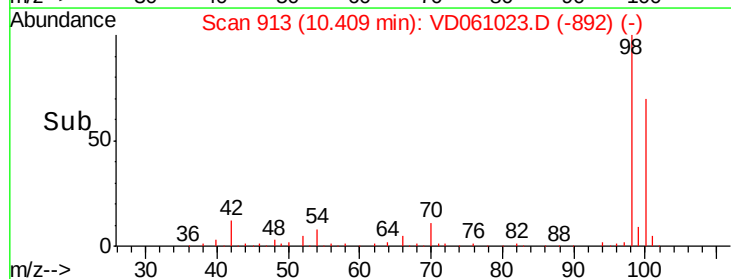
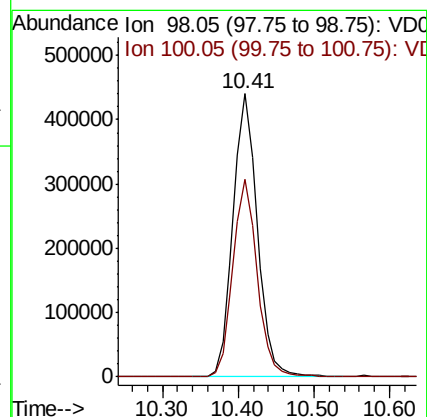
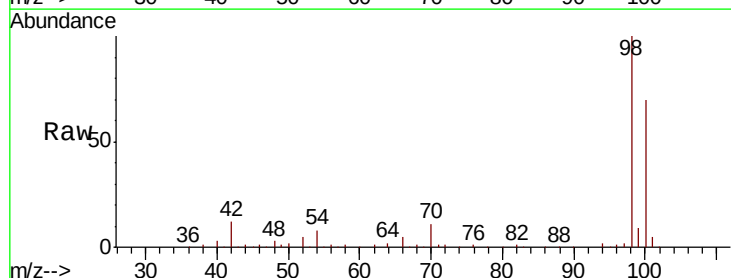
Acq: 12 Mar 2019 14:47

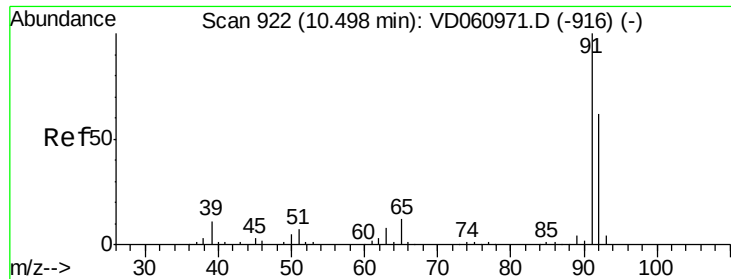
Tgt Ion: 98 Resp: 980571

Ion Ratio Lower Upper

98 100

100 69.8 57.4 86.2





#52

Toluene

Concen: 4.634 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD061023.D

Acq: 12 Mar 2019 14:47

Instrument :

MSVOA_D

ClientSampleId :

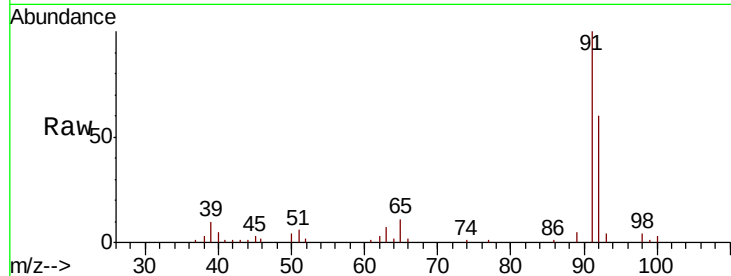
TP-1-S

Tgt Ion: 92 Resp: 63044

Ion Ratio Lower Upper

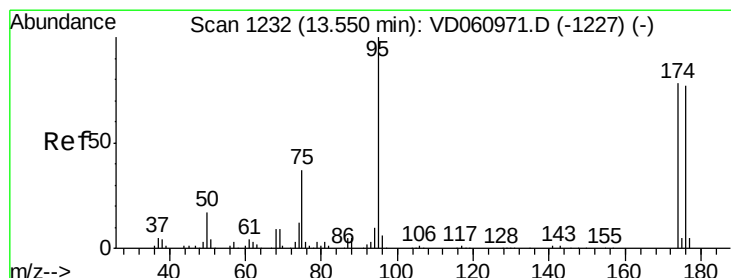
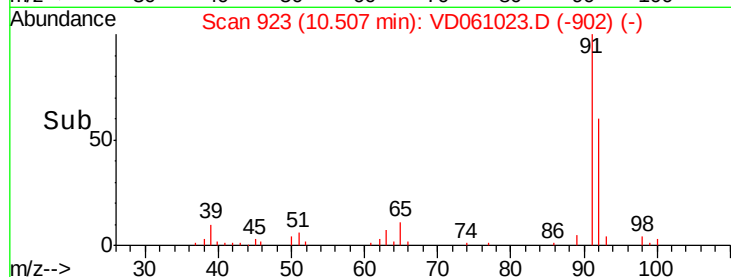
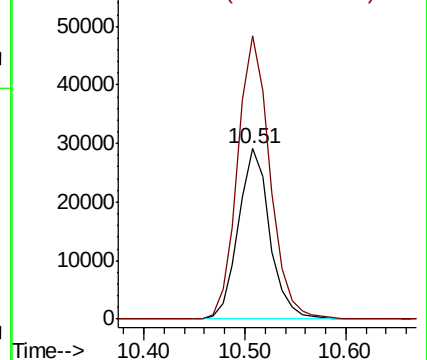
92 100

91 165.9 129.8 194.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061023.D

Acq: 12 Mar 2019 14:47

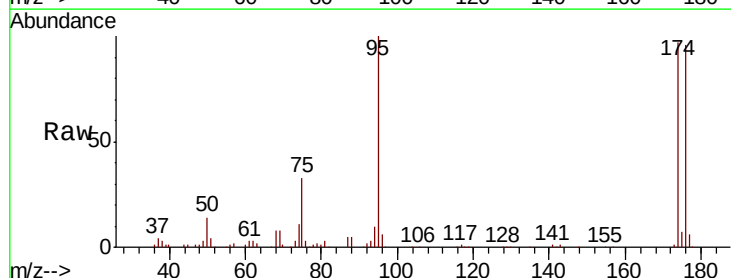
Tgt Ion: 95 Resp: 319223

Ion Ratio Lower Upper

95 100

174 96.9 0.0 155.6

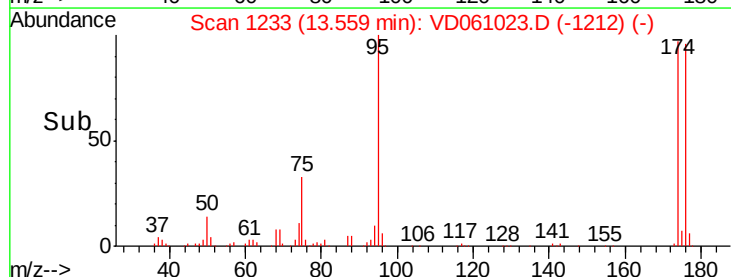
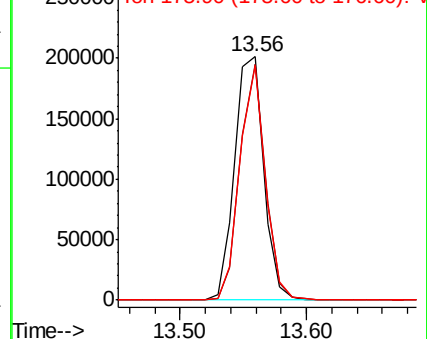
176 96.3 0.0 153.8

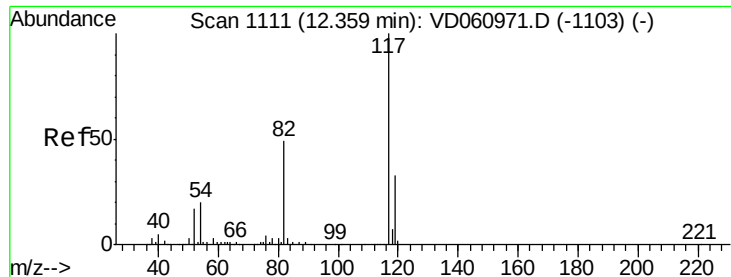


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

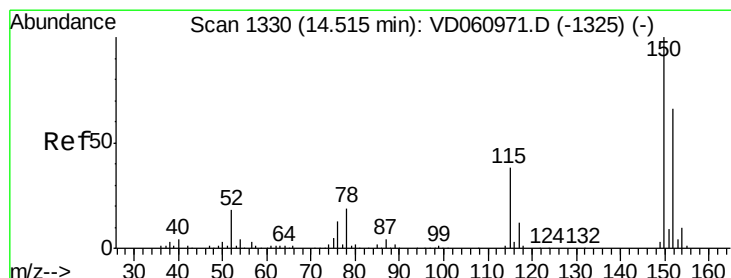
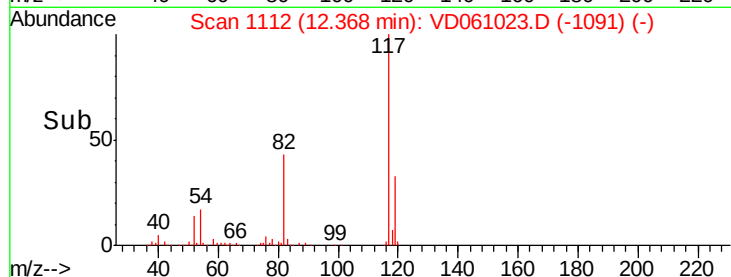
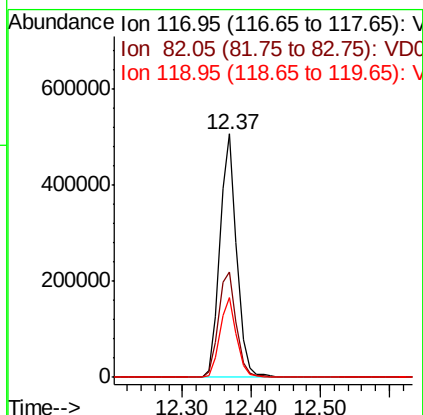
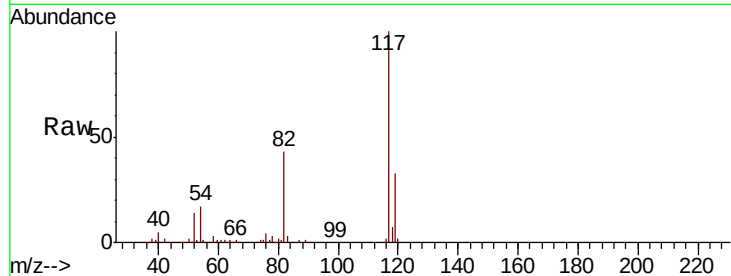




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061023.D
Acq: 12 Mar 2019 14:47

Instrument :
MSVOA_D
ClientSampleId :
TP-1-S

Tgt Ion:117 Resp: 852091
Ion Ratio Lower Upper
117 100
82 43.3 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: VD061023.D
Acq: 12 Mar 2019 14:47

Tgt Ion:152 Resp: 302378
Ion Ratio Lower Upper
152 100
115 60.1 28.6 85.9
150 154.7 0.0 310.6

