

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050219\
 Data File : VD062121.D
 Acq On : 2 May 2019 20:06
 Operator : FY/SY
 Sample : K2667-03
 Misc : 4.56g/5mL/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-B

Quant Time: May 03 08:33:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:52 2019
 Response via : Initial Calibration

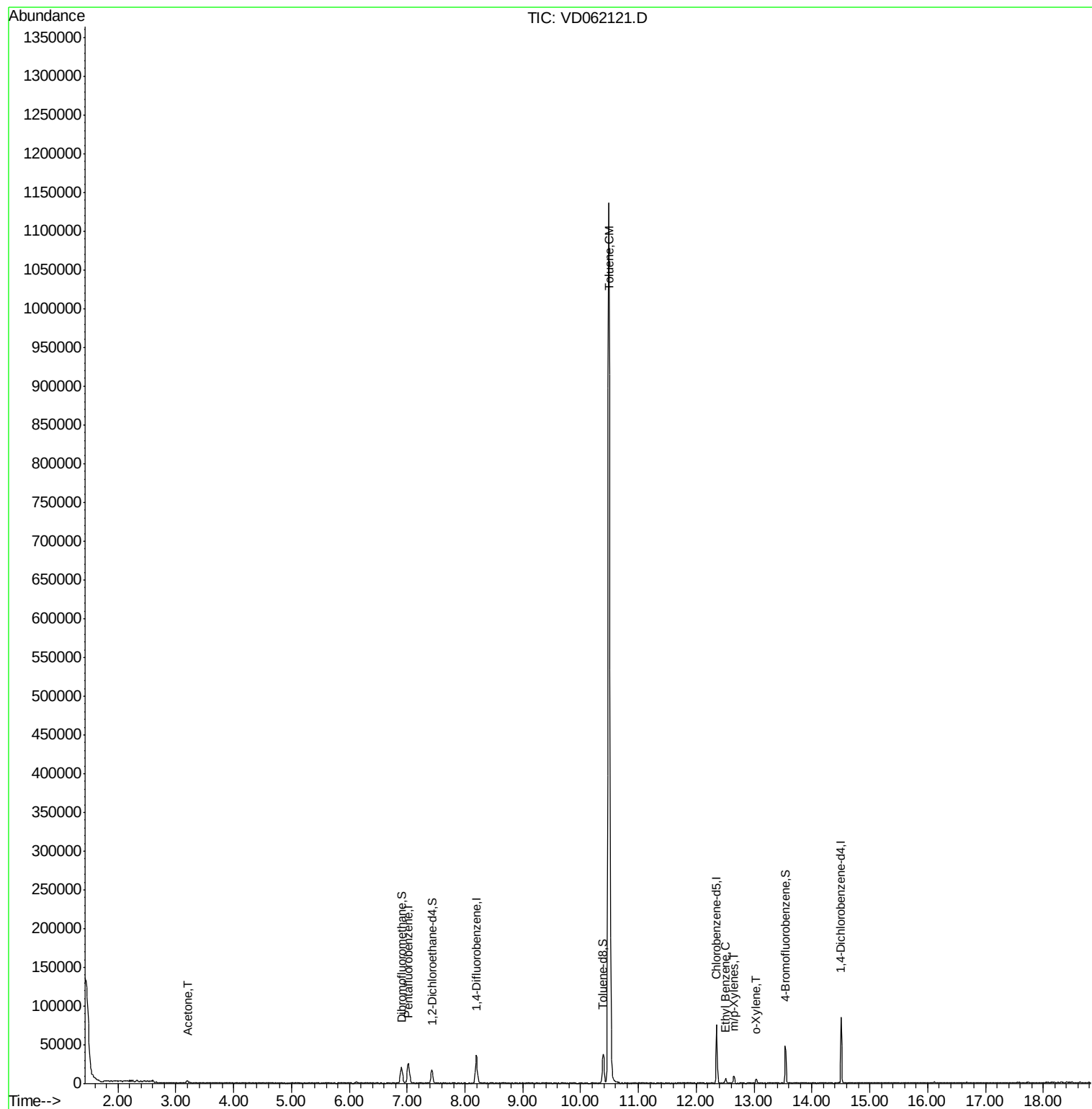
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	29981	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	48994	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	46658	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.50	152	19067	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	18513	78.90	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	157.80%	
35) Dibromofluoromethane	6.90	113	19717	58.19	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	116.38%	
50) Toluene-d8	10.39	98	34091	42.28	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	84.56%	
62) 4-Bromofluorobenzene	13.54	95	16257	50.27	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	100.54%	
Target Compounds						
16) Acetone	3.19	43	5515	98.435	ug/l #	86
52) Toluene	10.49	92	639230	1060.883	ug/l	99
67) Ethyl Benzene	12.51	91	6370	4.427	ug/l	99
68) m/p-Xylenes	12.64	106	3499	6.727	ug/l #	71
69) o-Xylene	13.04	106	1826	3.837	ug/l	85

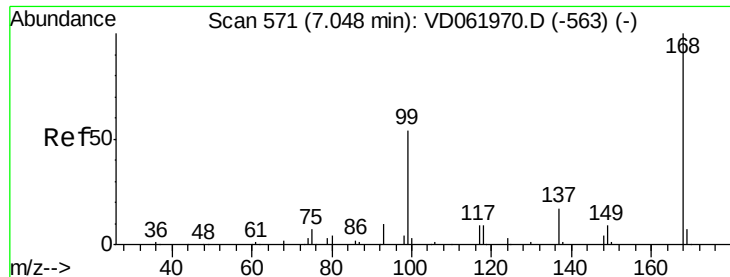
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD050219\
Data File : VD062121.D
Acq On : 2 May 2019 20:06
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Quant Time: May 03 08:33:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Thu May 02 07:55:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.03 min

Lab File: VD062121.D

Acq: 2 May 2019 20:06

Instrument :

MSVOA_D

ClientSampleId :

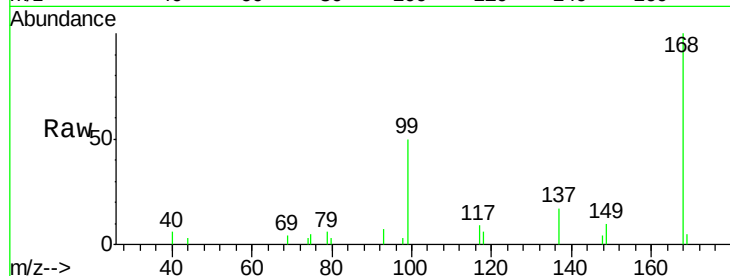
SP-1-B

Tot Ion:168 Resp: 29981

Ion Ratio Lower Upper

168 100

99 50.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

12000

10000

8000

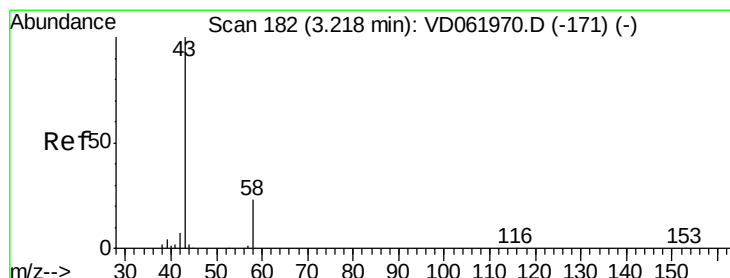
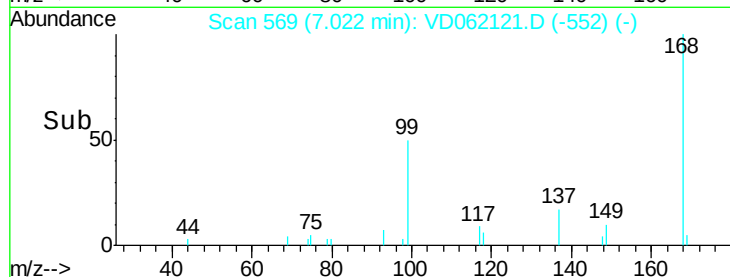
6000

4000

2000

0

Time--> 6.90 7.00 7.10



#16

Acetone

Concen: 98.435 ug/l

RT: 3.19 min Scan# 180

Delta R.T. -0.03 min

Lab File: VD062121.D

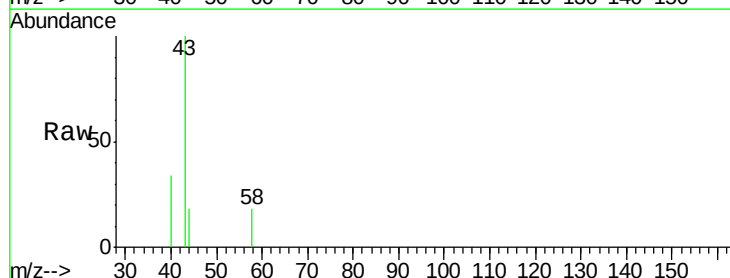
Acq: 2 May 2019 20:06

Tgt Ion: 43 Resp: 5515

Ion Ratio Lower Upper

43 100

58 18.1 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.19

2000

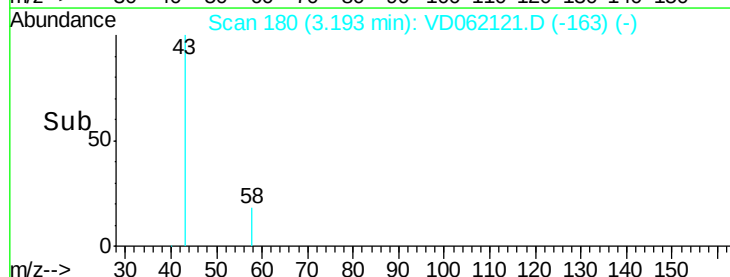
1500

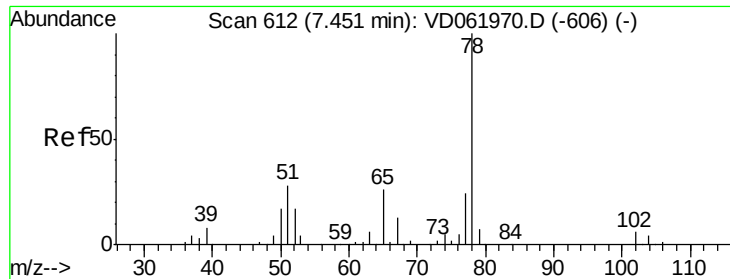
1000

500

0

Time--> 3.15 3.20 3.25

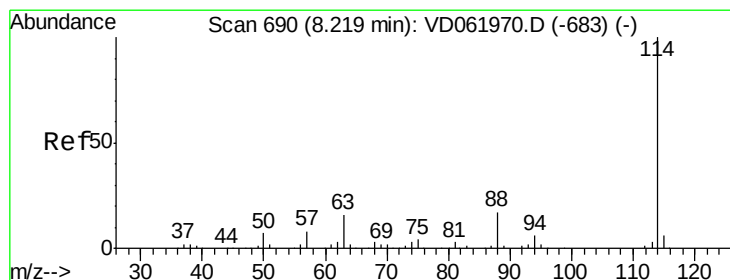
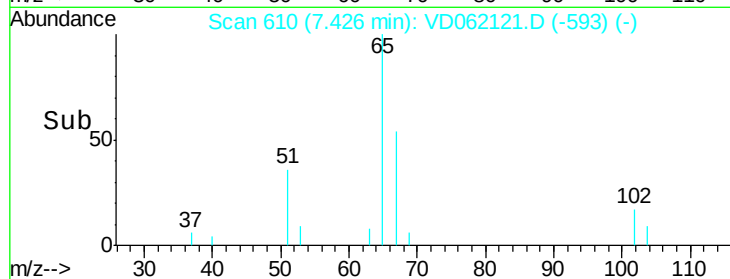
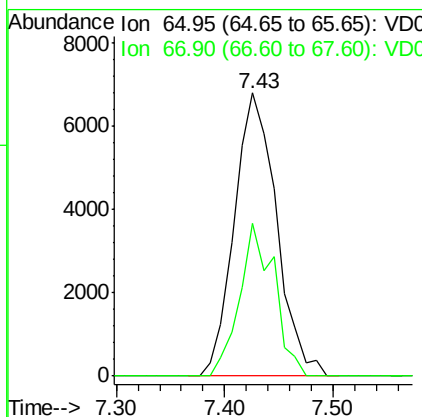
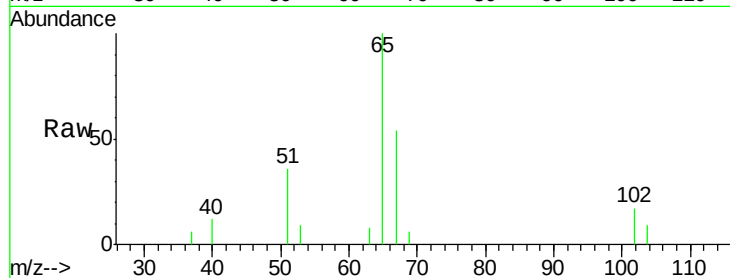




#33
 1,2-Dichloroethane-d4
 Concen: 78.897 ug/l
 RT: 7.43 min Scan# 610
 Delta R.T. -0.03 min
 Lab File: VD062121.D
 Acq: 2 May 2019 20:06

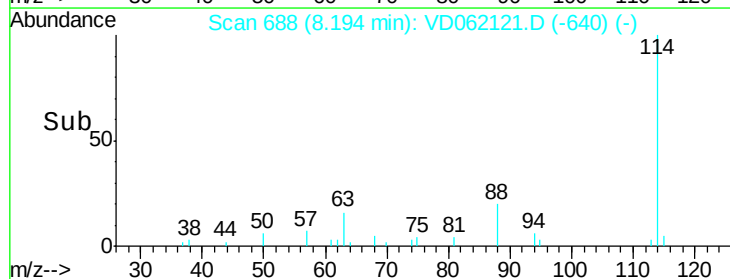
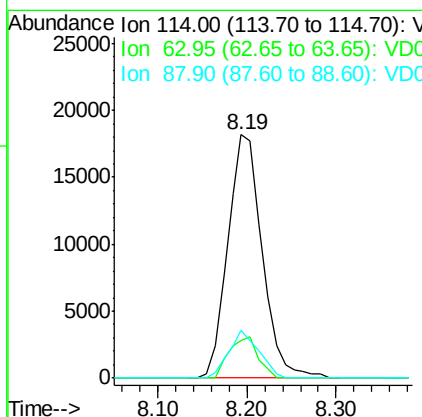
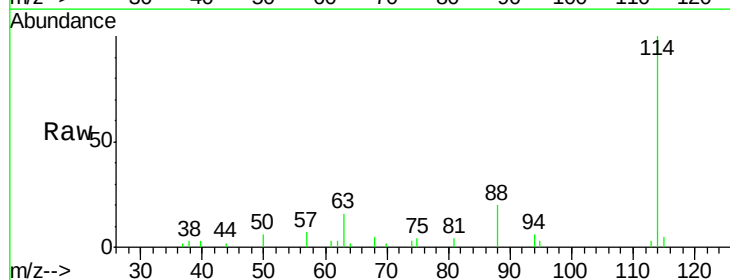
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-B

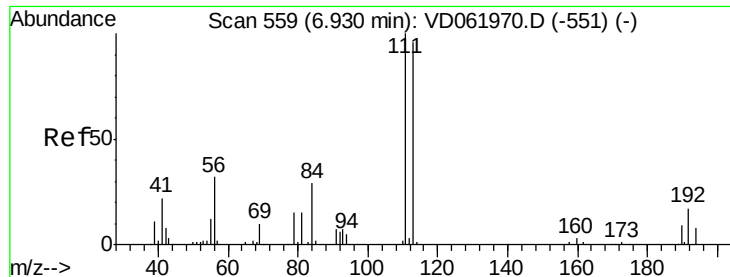
Tot Ion: 65 Resp: 18513
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 688
 Delta R.T. -0.03 min
 Lab File: VD062121.D
 Acq: 2 May 2019 20:06

Tgt Ion: 114 Resp: 48994
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 32.4
 88 19.9 0.0 33.6





#35

Dibromofluoromethane

Concen: 58.190 ug/l

RT: 6.90 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD062121.D

Acq: 2 May 2019 20:06

Instrument :

MSVOA_D

ClientSampleId :

SP-1-B

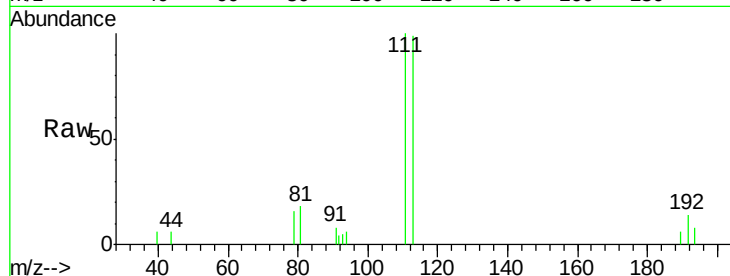
Tot Ion:113 Resp: 19717

Ion Ratio Lower Upper

113 100

111 101.5 78.5 117.7

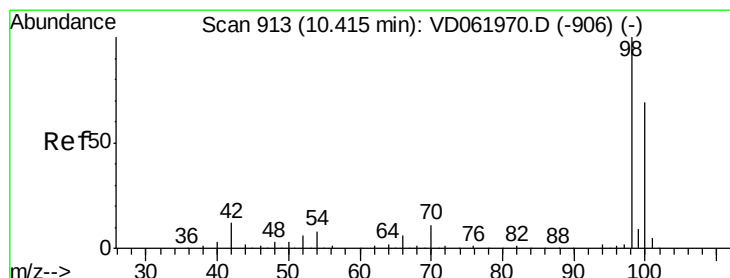
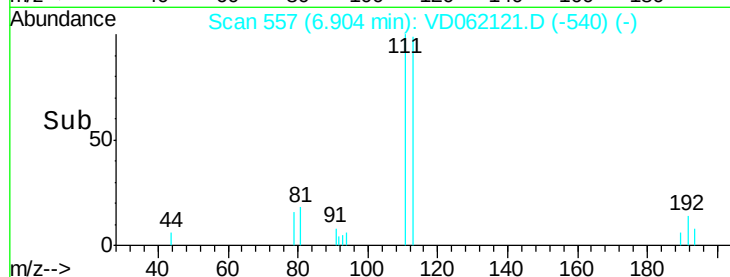
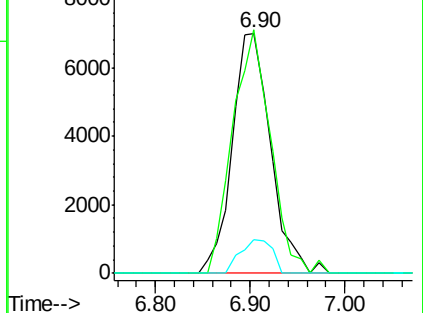
192 14.1 13.0 19.4



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: 42.282 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.03 min

Lab File: VD062121.D

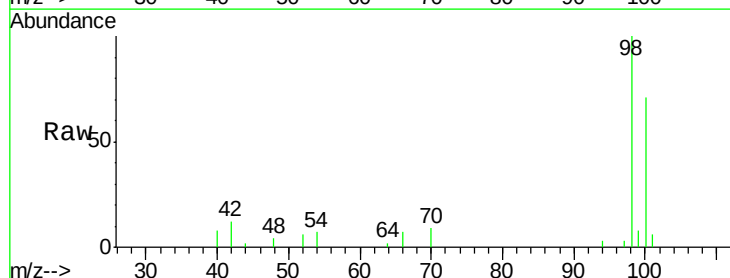
Acq: 2 May 2019 20:06

Tgt Ion: 98 Resp: 34091

Ion Ratio Lower Upper

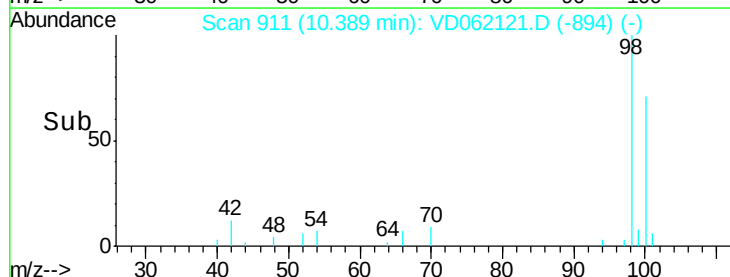
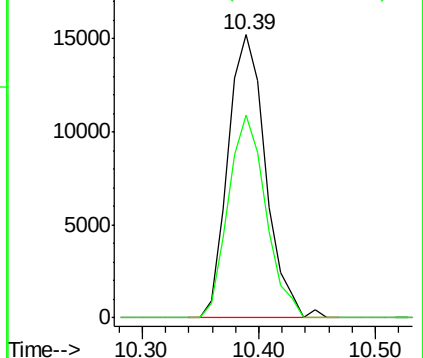
98 100

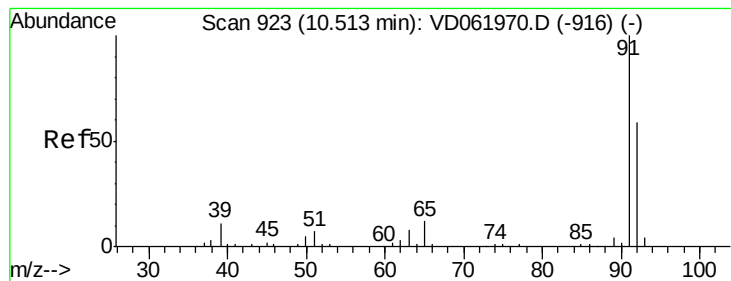
100 71.4 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 1060.883 ug/l

RT: 10.49 min Scan# 921

Delta R.T. -0.03 min

Lab File: VD062121.D

Acq: 2 May 2019 20:06

Instrument :

MSVOA_D

ClientSampled :

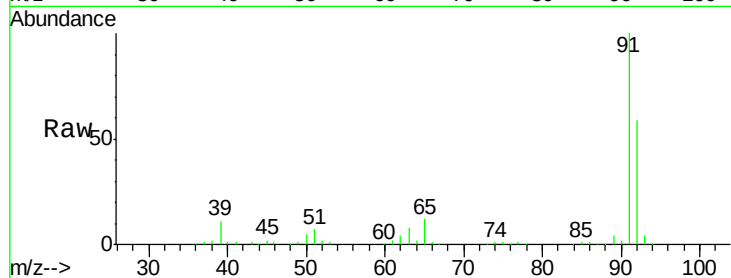
SP-1-B

Tot Ion: 92 Resp: 639230

Ion Ratio Lower Upper

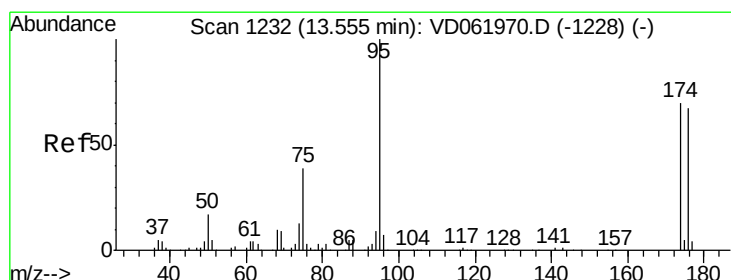
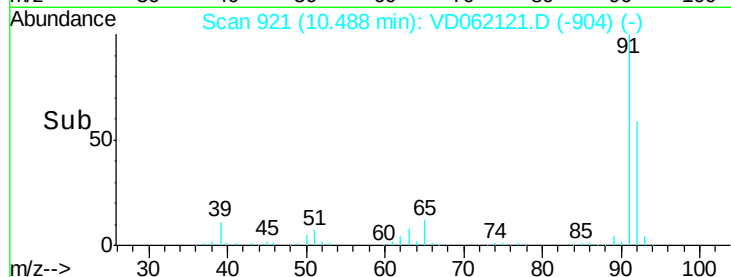
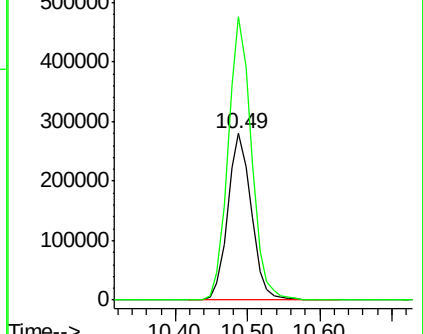
92 100

91 169.7 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 50.271 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.02 min

Lab File: VD062121.D

Acq: 2 May 2019 20:06

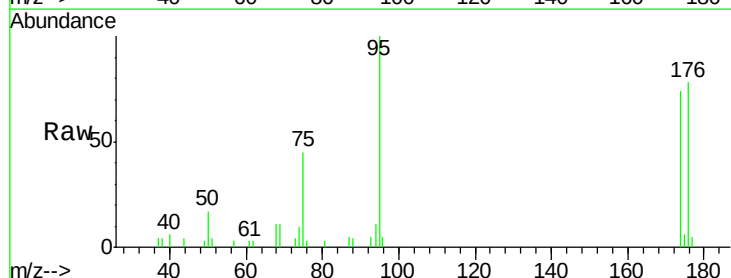
Tgt Ion: 95 Resp: 16257

Ion Ratio Lower Upper

95 100

174 73.7 0.0 181.8

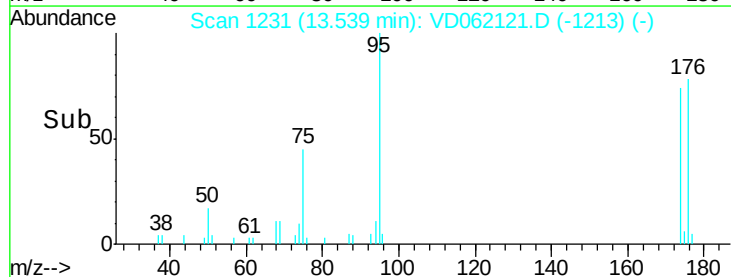
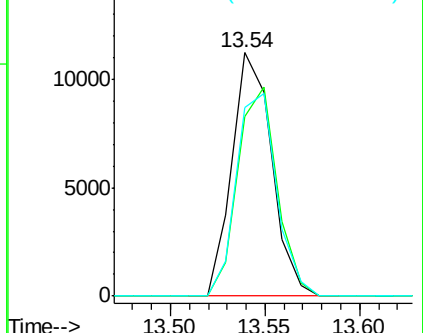
176 77.6 0.0 174.4

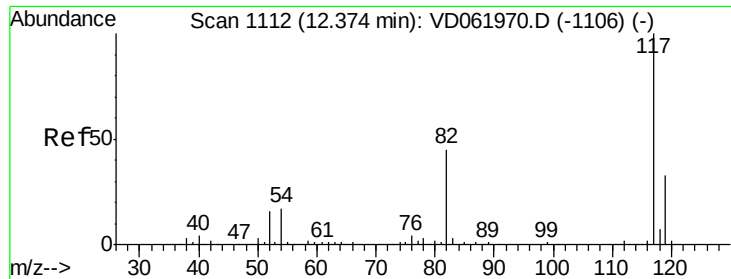


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

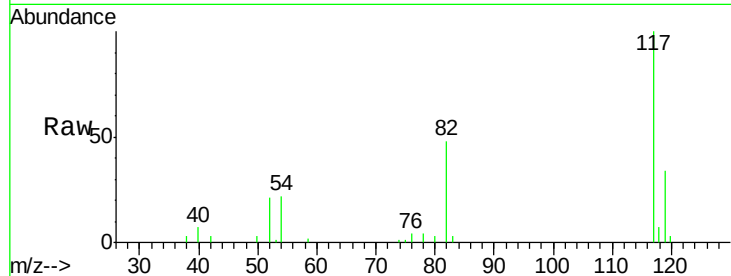




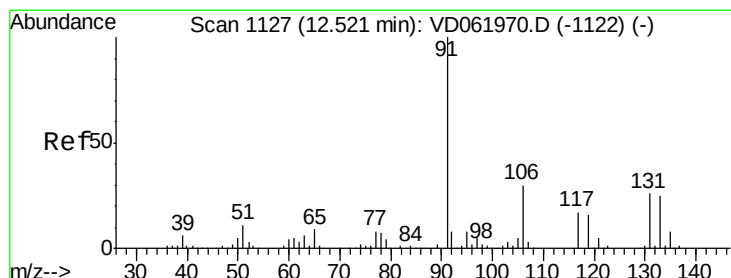
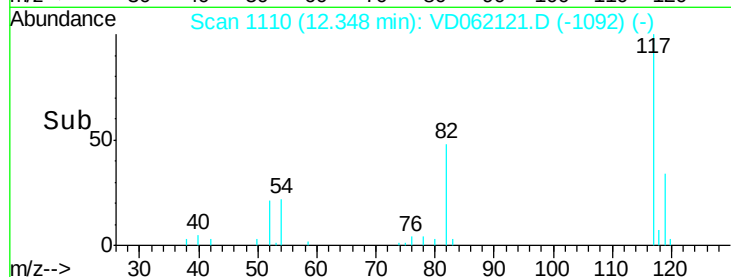
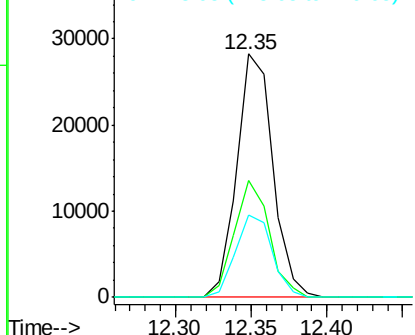
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062121.D
Acq: 2 May 2019 20:06

Instrument :
MSVOA_D
ClientSampled :
SP-1-B

Tot Ion:117 Resp: 46658
Ion Ratio Lower Upper
117 100
82 47.9 36.2 54.2
119 33.9 26.2 39.4

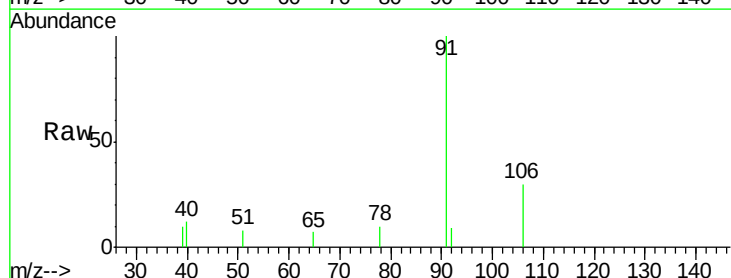


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VDC
Ion 118.95 (118.65 to 119.65): V

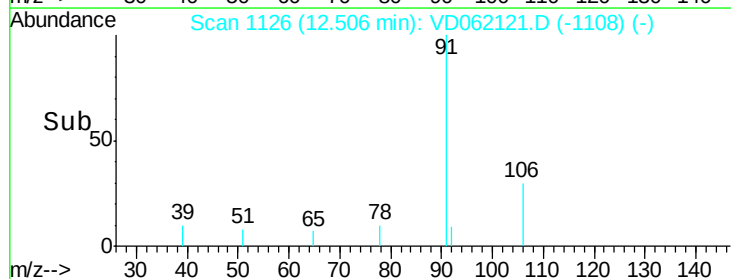
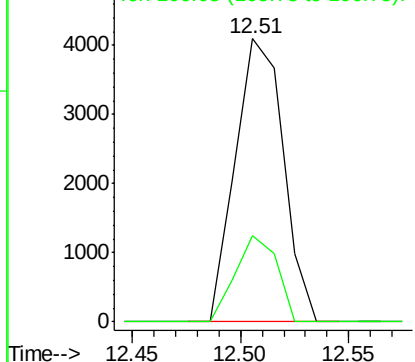


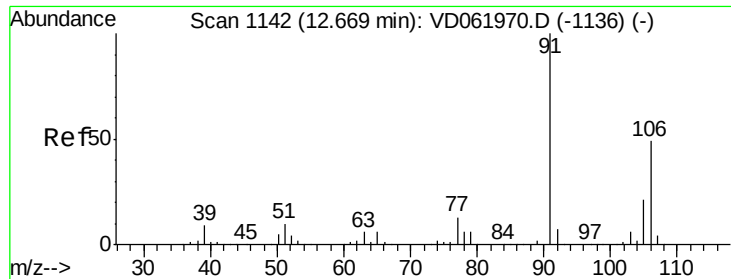
#67
Ethyl Benzene
Concen: 4.427 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. -0.02 min
Lab File: VD062121.D
Acq: 2 May 2019 20:06

Tgt Ion: 91 Resp: 6370
Ion Ratio Lower Upper
91 100
106 30.4 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 106.05 (105.75 to 106.75): V

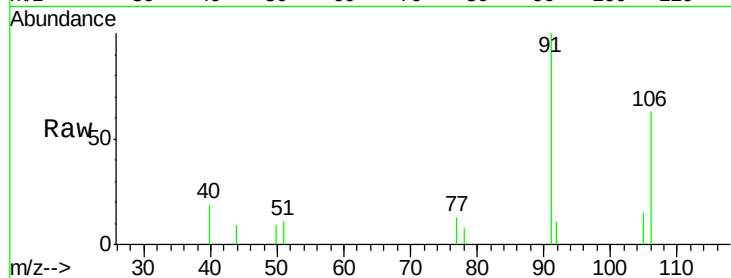




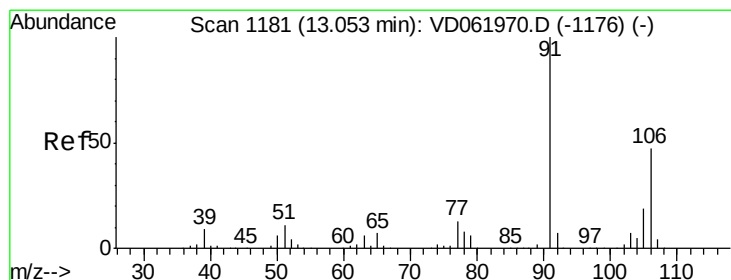
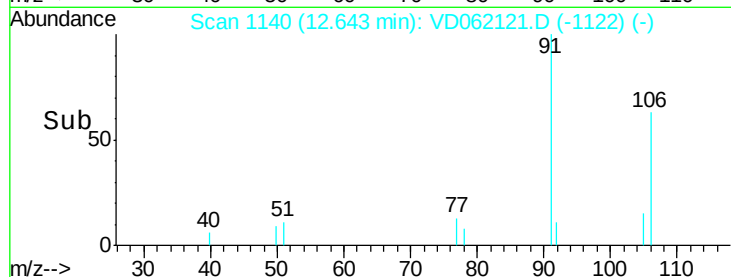
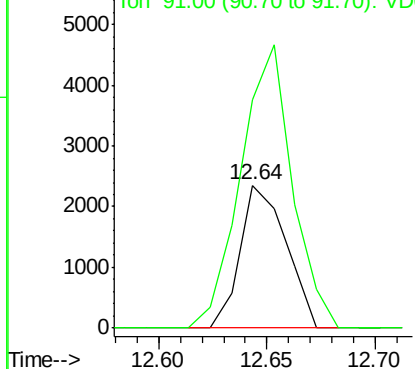
#68
m/p-Xylenes
Concen: 6.727 ug/l
RT: 12.64 min Scan# 1140
Delta R.T. -0.02 min
Lab File: VD062121.D
Acq: 2 May 2019 20:06

Instrument :
MSVOA_D
ClientSampleId :
SP-1-B

Tot Ion:106 Resp: 3499
Ion Ratio Lower Upper
106 100
91 159.7 164.0 246.0#

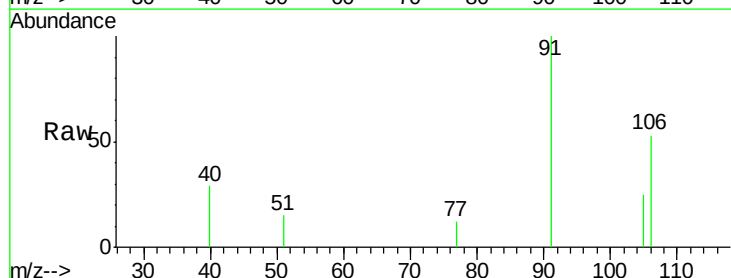


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

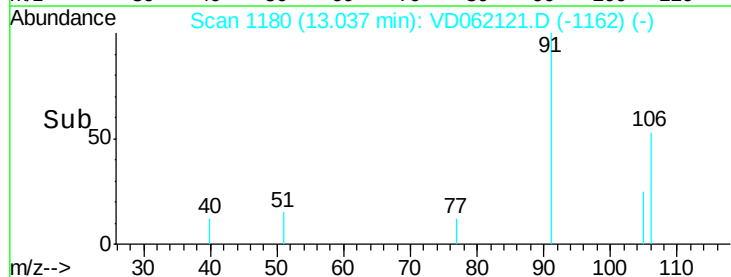
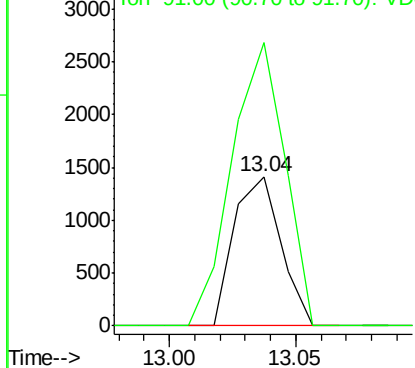


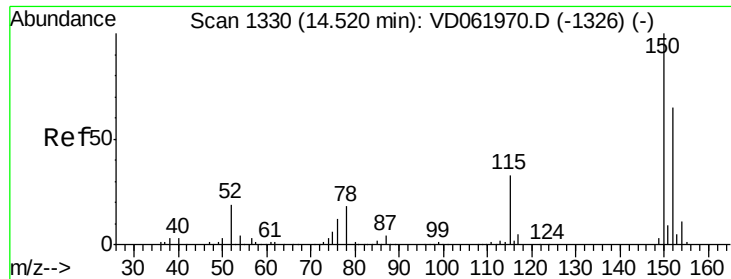
#69
o-Xylene
Concen: 3.837 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. -0.02 min
Lab File: VD062121.D
Acq: 2 May 2019 20:06

Tgt Ion:106 Resp: 1826
Ion Ratio Lower Upper
106 100
91 189.7 106.7 319.9



Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.50 min Scan# 1329

Delta R.T. -0.02 min

Lab File: VD062121.D

Acq: 2 May 2019 20:06

Instrument :

MSVOA_D

ClientSampleId :

SP-1-B

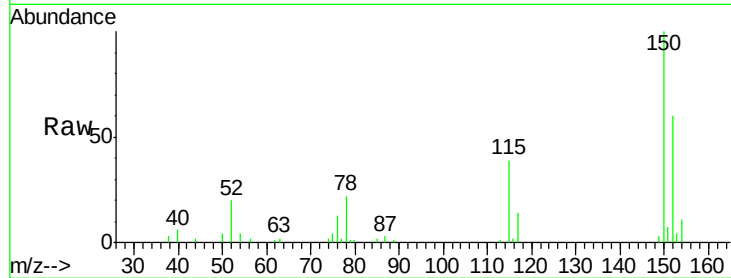
Tot Ion:152 Resp: 19067

Ion Ratio Lower Upper

152 100

115 64.9 30.9 92.7

150 165.4 0.0 314.8



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

