

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003468.D
 Acq On : 23 Jun 2018 18:37
 Operator : SY/AP
 Sample : J3664-11
 Misc : 6.75G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-33-35-180619

Quant Time: Jun 25 04:02:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	165479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	263204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	239360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	114863	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	72299	40.34	ug/l	0.00
Spiked Amount			Recovery	=	80.68%	
35) Dibromofluoromethane	7.88	113	60485	36.98	ug/l	0.00
Spiked Amount			Recovery	=	73.96%	
50) Toluene-d8	10.33	98	196784	30.34	ug/l	0.00
Spiked Amount			Recovery	=	60.68%	
62) 4-Bromofluorobenzene	12.63	95	66208	28.85	ug/l	0.00
Spiked Amount			Recovery	=	57.70%	

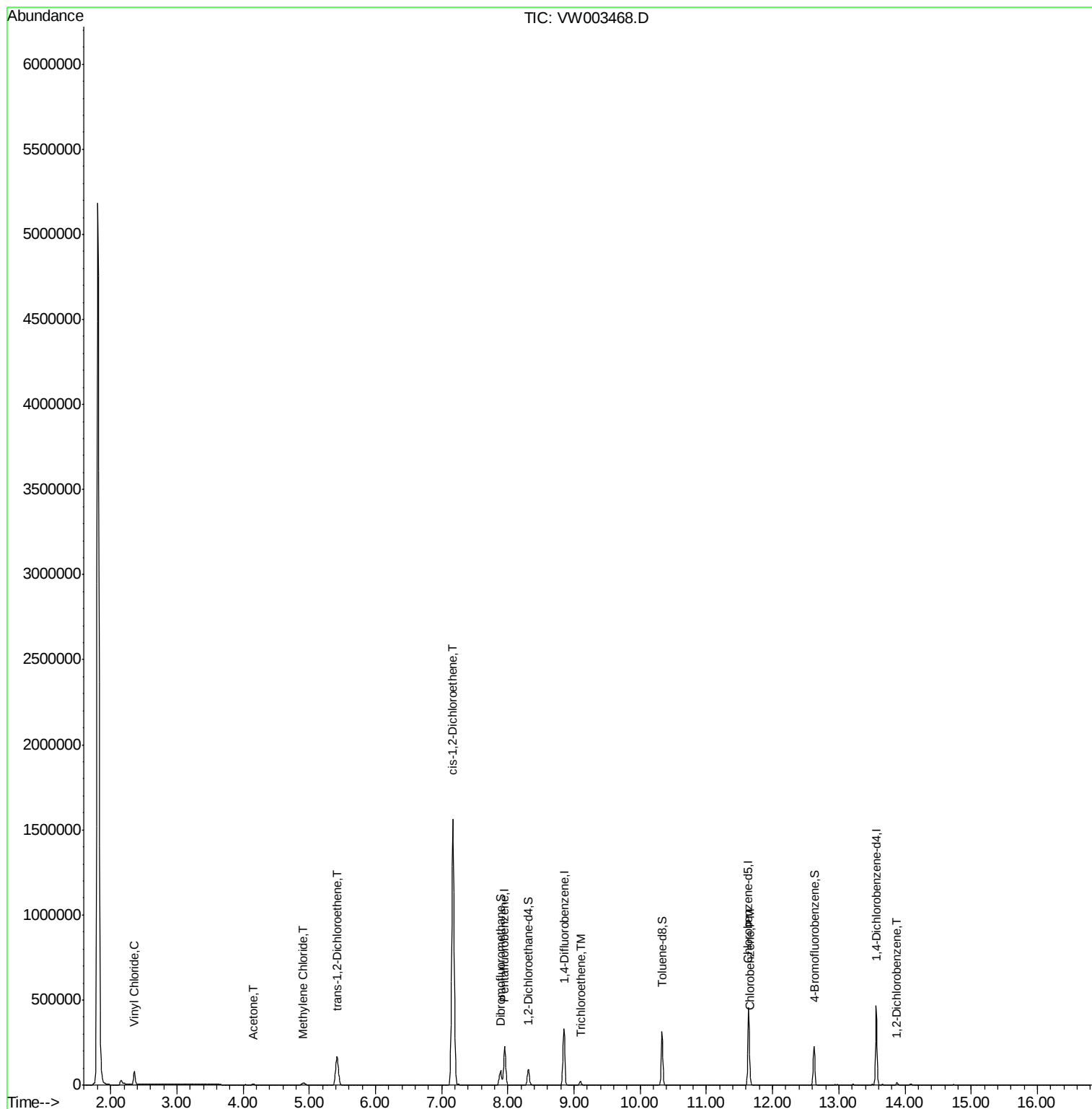
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.36	62	82294	44.66	ug/l	98
16) Acetone	4.15	43	8213	21.85	ug/l	97
20) Methylene Chloride	4.92	84	8514	1.79	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	102448	62.84	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	888695	496.22	ug/l	92
44) Trichloroethene	9.09	130	6739	3.63	ug/l	93
65) Chlorobenzene	11.66	112	13237	2.66	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	4180	1.25	ug/l	96

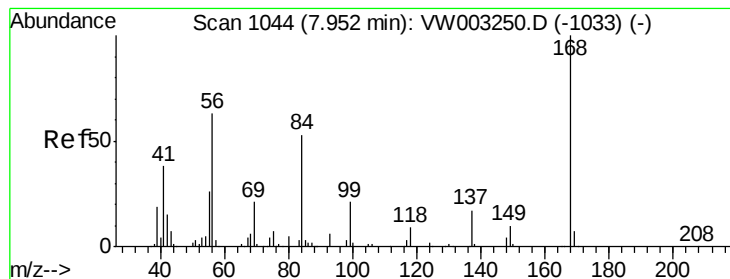
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062318\
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003468.D

Acq: 23 Jun 2018 18:37

Instrument :

MSVOA_W

ClientSampleId :

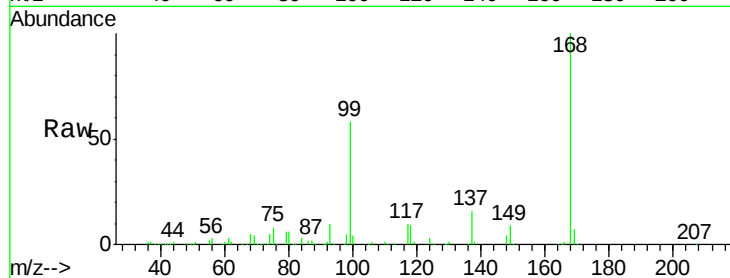
WP021SB476-33-35-180619

Tot Ion:168 Resp: 165479

Ion Ratio Lower Upper

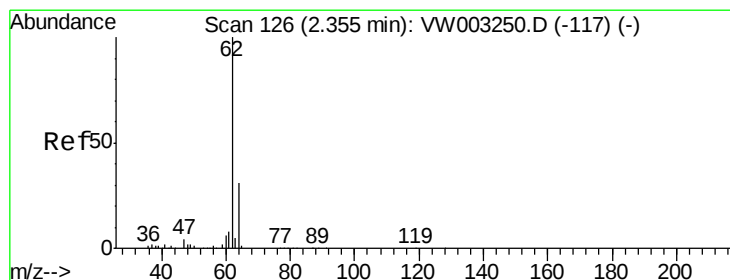
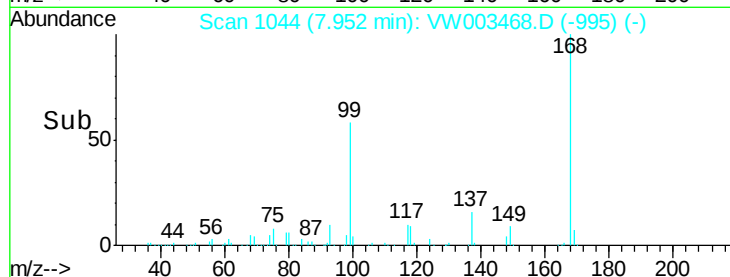
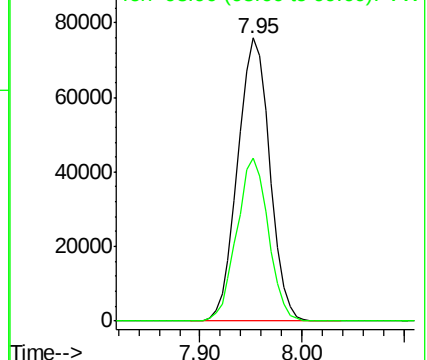
168 100

99 57.7 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#4

Vinyl Chloride

Concen: 44.66 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003468.D

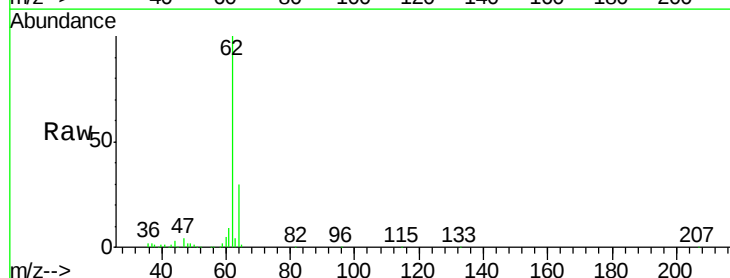
Acq: 23 Jun 2018 18:37

Tgt Ion: 62 Resp: 82294

Ion Ratio Lower Upper

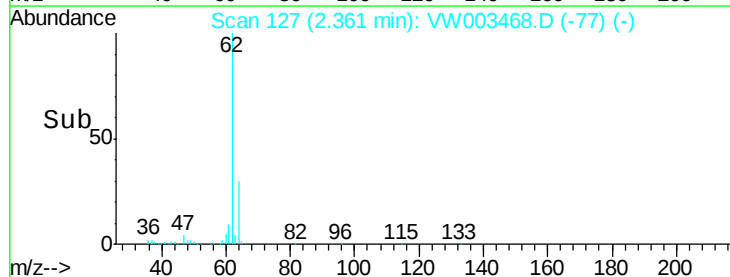
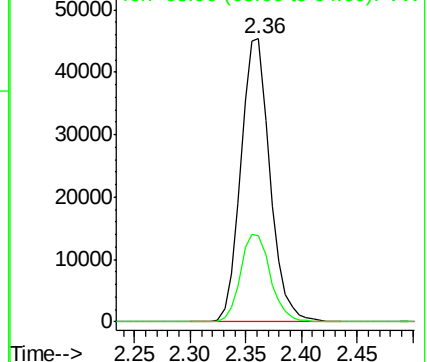
62 100

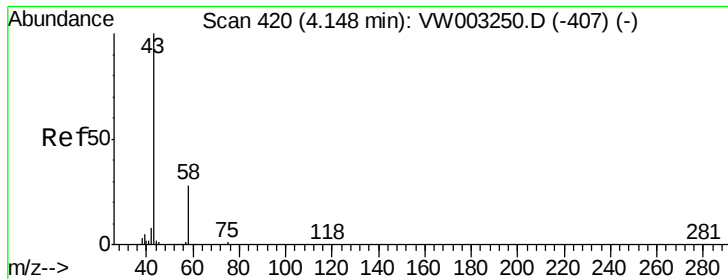
64 30.2 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#16

Acetone

Concen: 21.85 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003468.D

Acq: 23 Jun 2018 18:37

Instrument :

MSVOA_W

ClientSampleId :

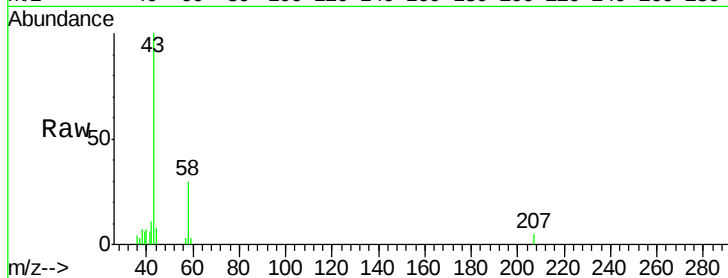
WP021SB476-33-35-180619

Tot Ion: 43 Resp: 8213

Ion Ratio Lower Upper

43 100

58 29.6 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

2500

2000

1500

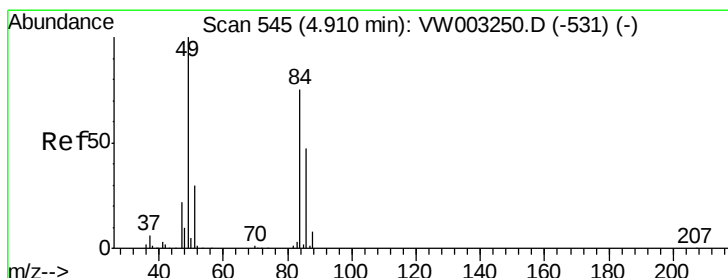
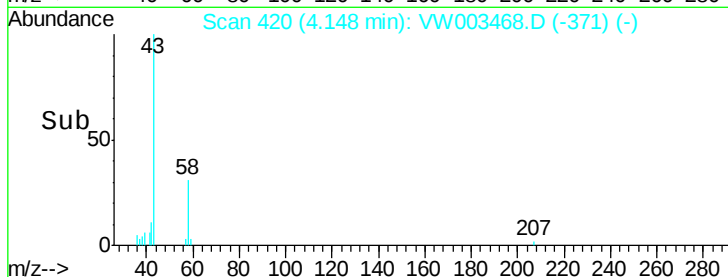
1000

500

0

Time-->

4.05 4.10 4.15 4.20 4.25



#20

Methylene Chloride

Concen: 1.79 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW003468.D

Acq: 23 Jun 2018 18:37

Tgt Ion: 84 Resp: 8514

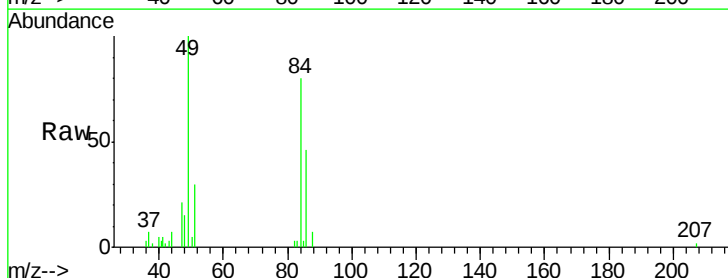
Ion Ratio Lower Upper

84 100

49 120.9 106.3 159.5

51 37.0 32.0 48.0

86 57.1 49.9 74.9



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

5000

4000

3000

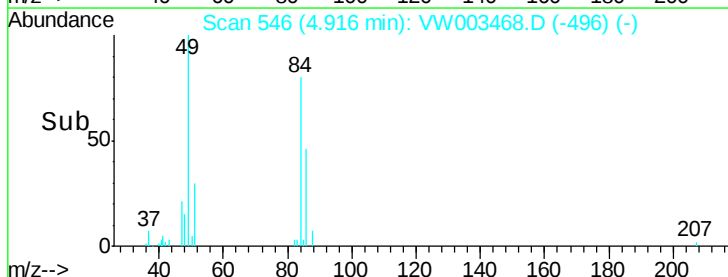
2000

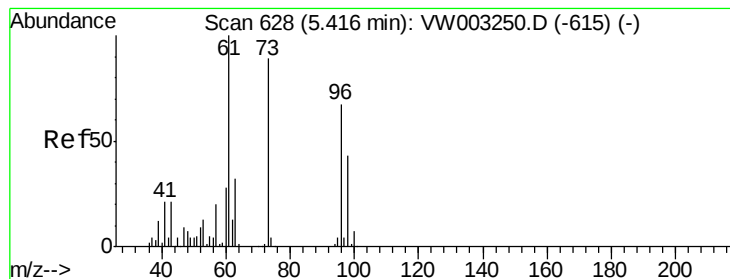
1000

0

Time-->

4.80 4.90 5.00





#21

trans-1,2-Dichloroethene

Concen: 62.84 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003468.D

Acq: 23 Jun 2018 18:37

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-33-35-180619

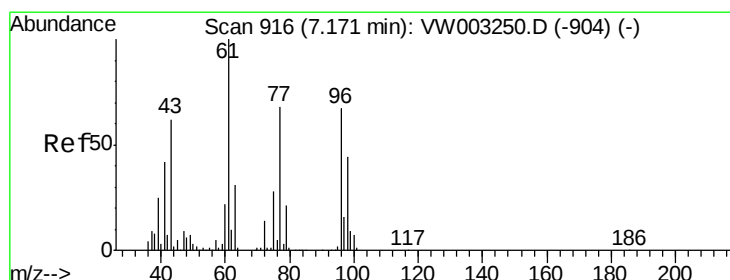
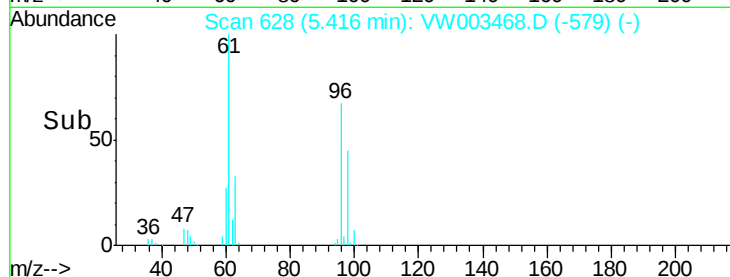
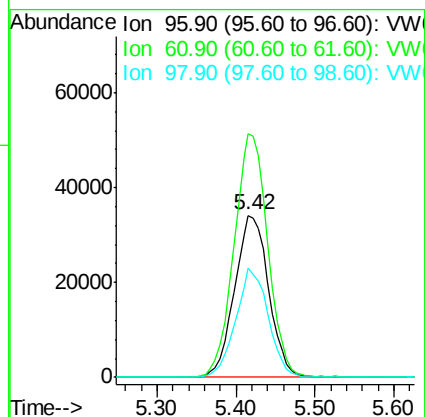
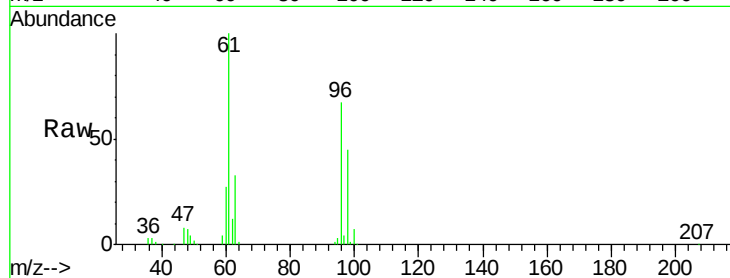
Tot Ion: 96 Resp: 102448

Ion Ratio Lower Upper

96 100

61 150.0 118.7 178.1

98 67.0 51.0 76.6



#27

cis-1,2-Dichloroethene

Concen: 496.22 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003468.D

Acq: 23 Jun 2018 18:37

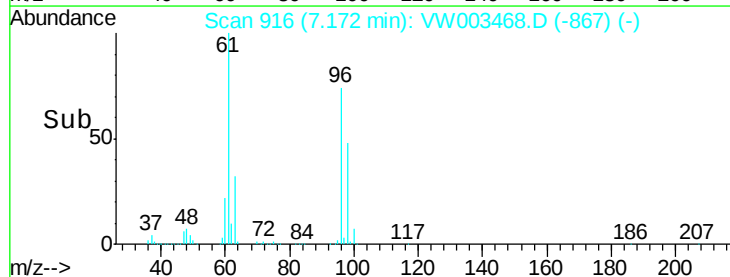
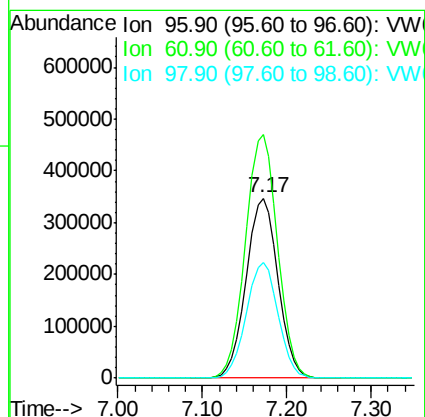
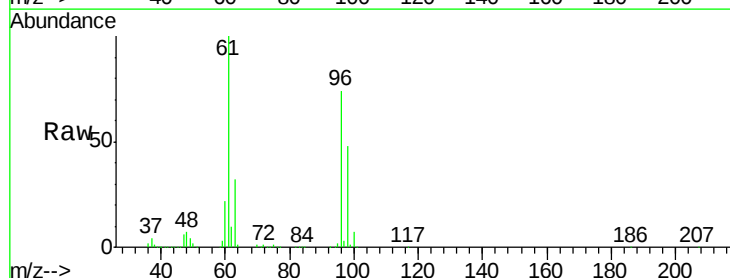
Tgt Ion: 96 Resp: 888695

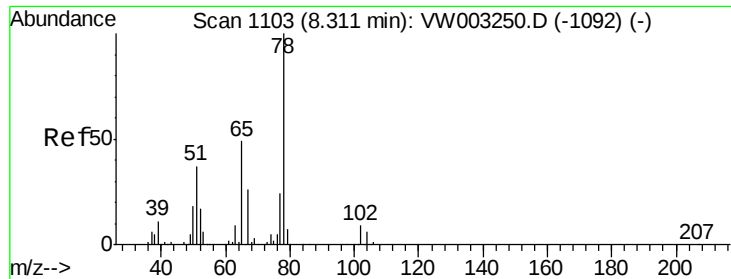
Ion Ratio Lower Upper

96 100

61 136.3 0.0 298.8

98 64.4 0.0 130.4

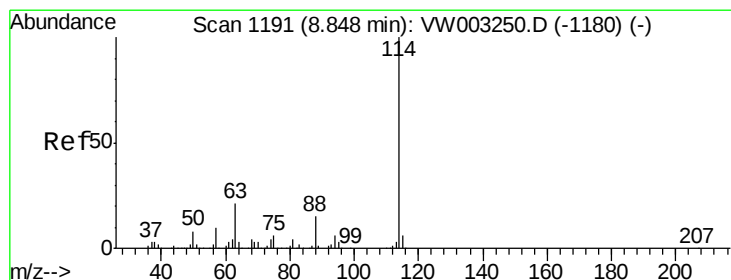
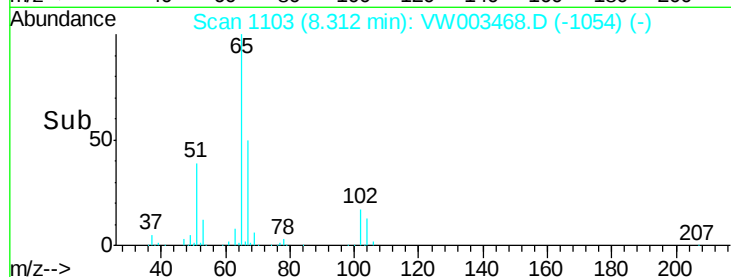
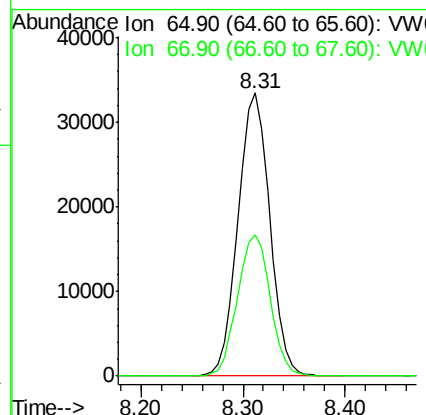
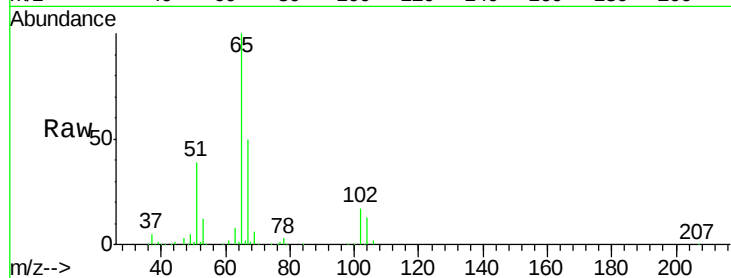




#33
 1,2-Dichloroethane-d4
 Concen: 40.34 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003468.D
 Acq: 23 Jun 2018 18:37

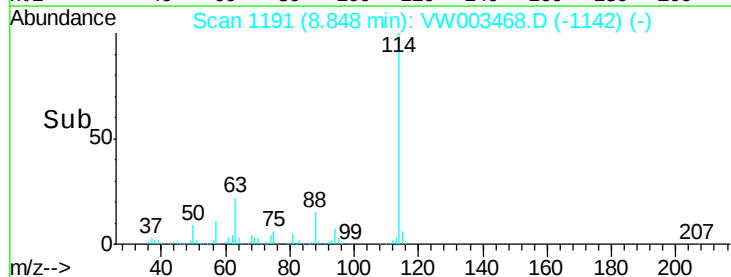
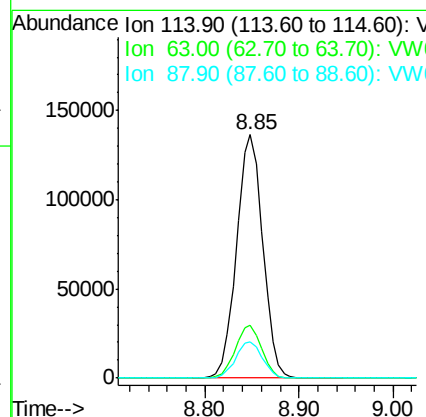
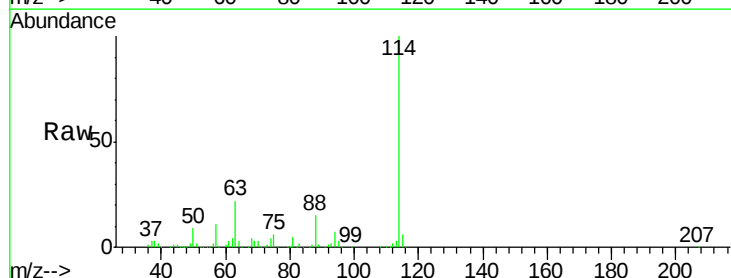
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-33-35-180619

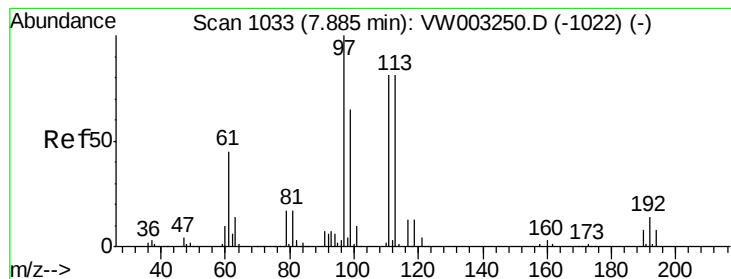
Tot Ion: 65 Resp: 72299
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003468.D
 Acq: 23 Jun 2018 18:37

Tgt Ion: 114 Resp: 263204
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.0
 88 14.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 36.98 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003468.D

Acq: 23 Jun 2018 18:37

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-33-35-180619

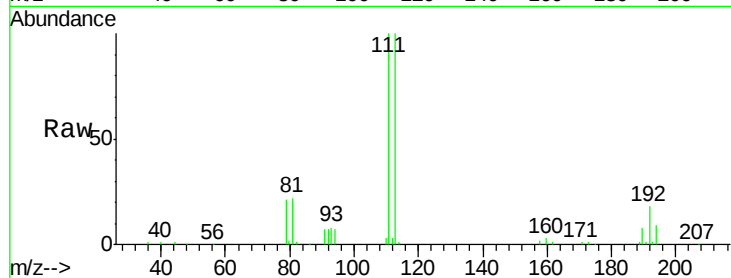
Tot Ion:113 Resp: 60485

Ion Ratio Lower Upper

113 100

111 100.9 82.2 123.2

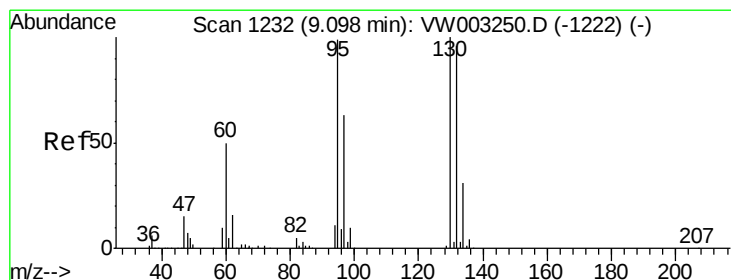
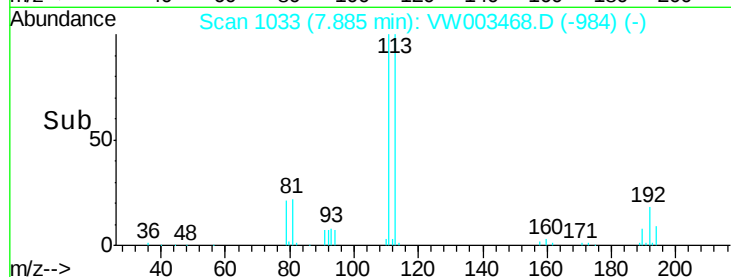
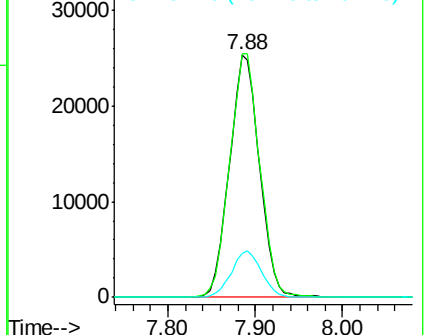
192 19.3 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#44

Trichloroethene

Concen: 3.63 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003468.D

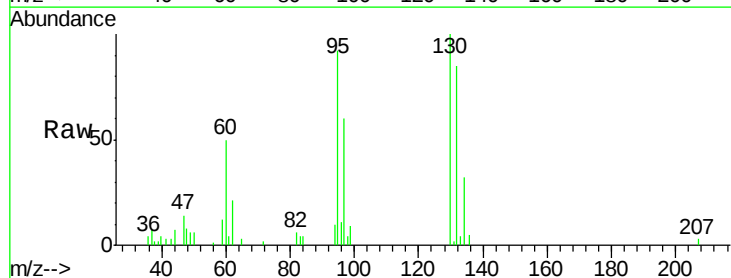
Acq: 23 Jun 2018 18:37

Tgt Ion:130 Resp: 6739

Ion Ratio Lower Upper

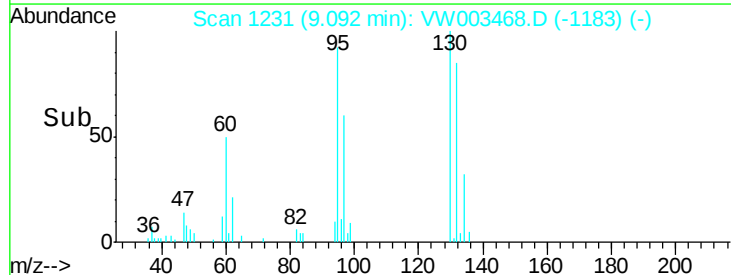
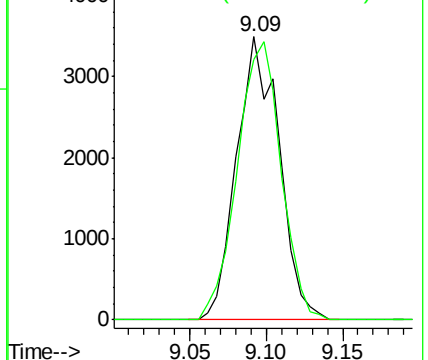
130 100

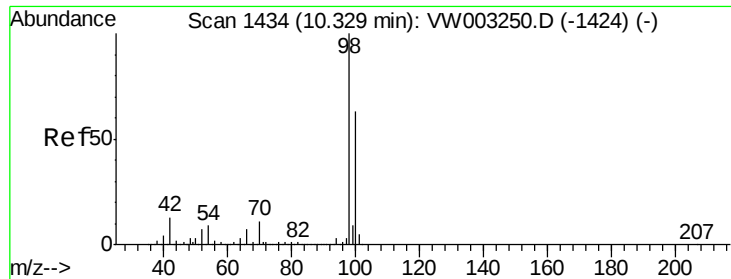
95 92.0 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VV





#50

Toluene-d8

Concen: 30.34 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003468.D

Acq: 23 Jun 2018 18:37

Instrument :

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ClientSampleId :

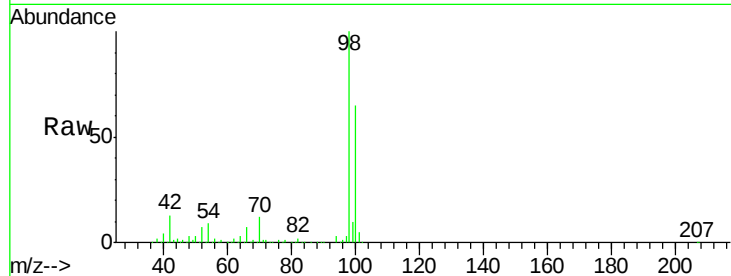
WP021SB476-33-35-180619

Tot Ion: 98 Resp: 196784

Ion Ratio Lower Upper

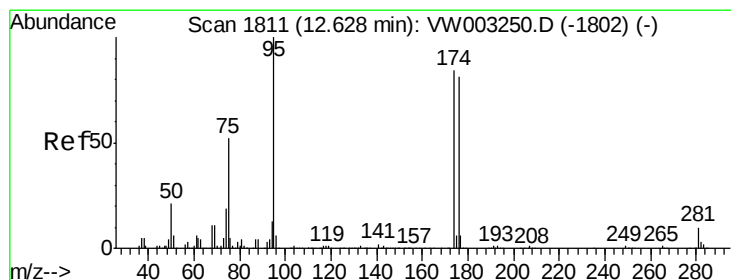
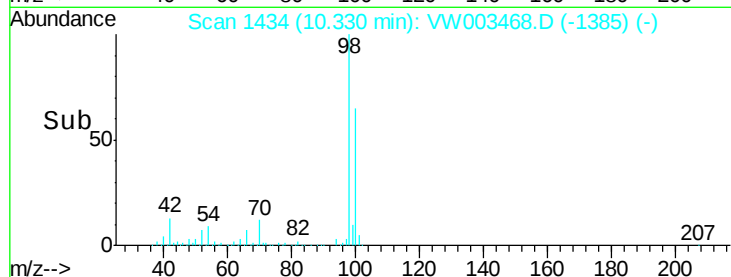
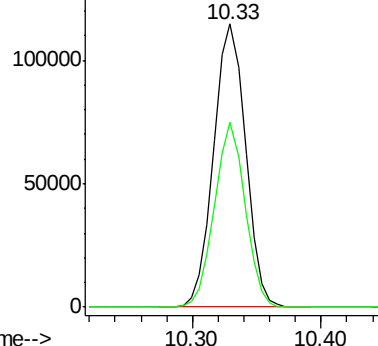
98 100

100 62.5 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 28.85 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003468.D

Acq: 23 Jun 2018 18:37

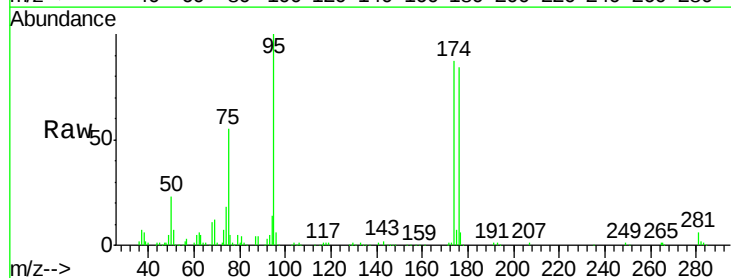
Tgt Ion: 95 Resp: 66208

Ion Ratio Lower Upper

95 100

174 84.6 0.0 166.4

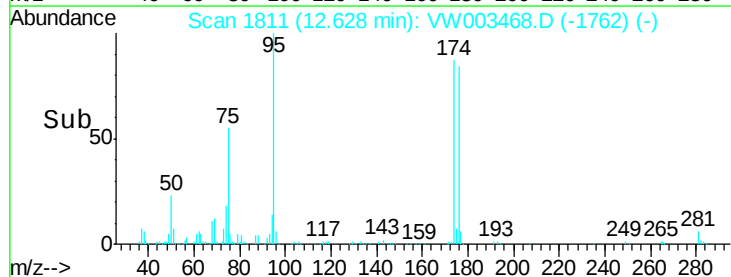
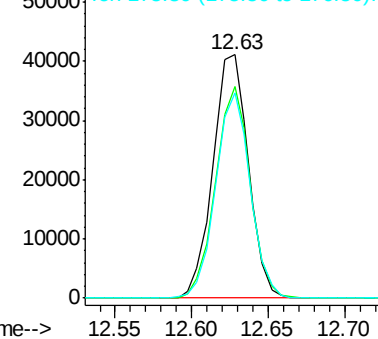
176 82.1 0.0 162.0

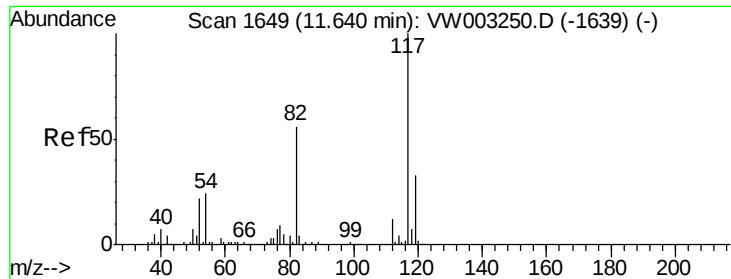


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

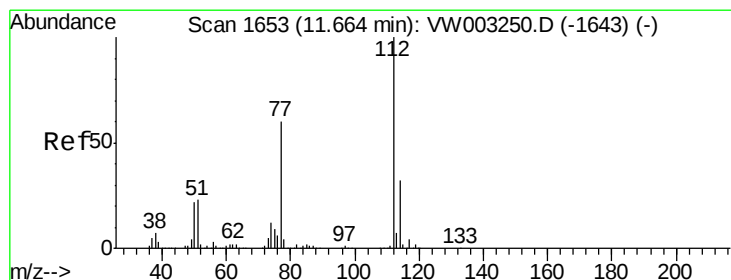
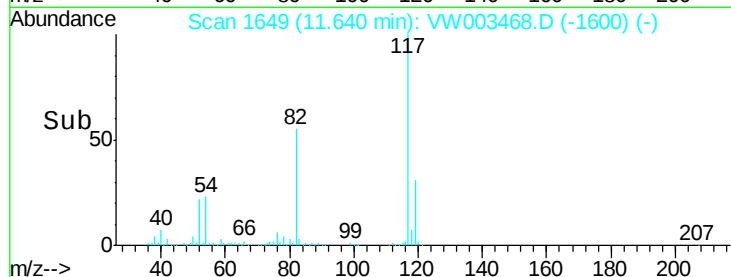
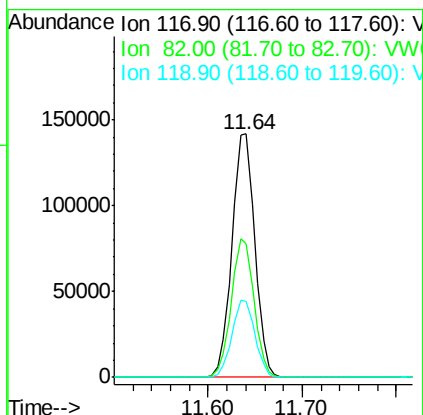
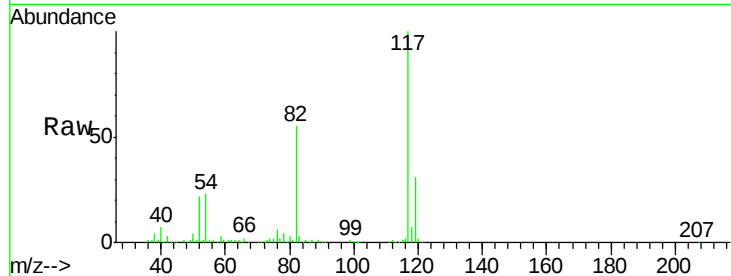




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003468.D
Acq: 23 Jun 2018 18:37

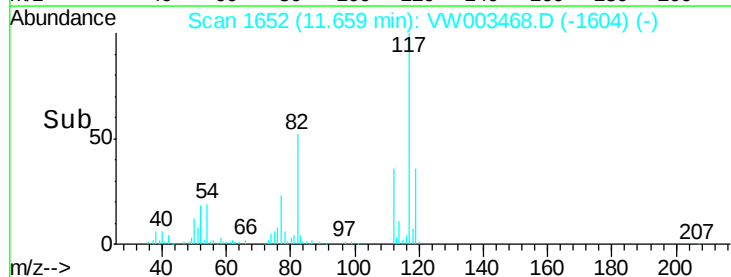
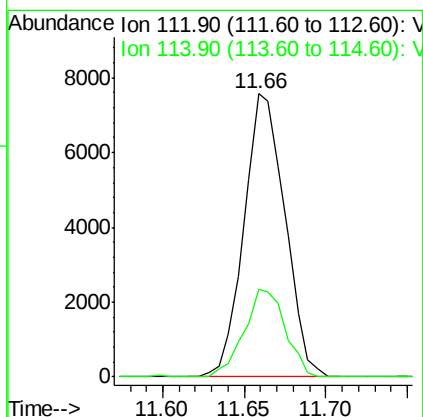
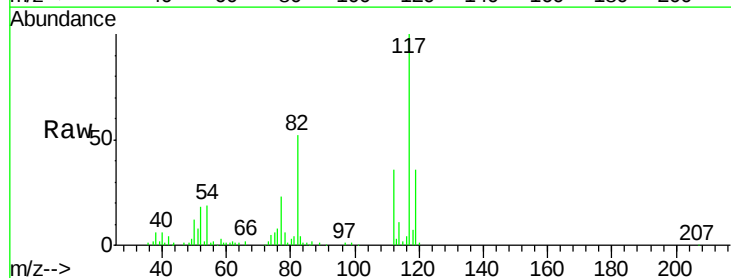
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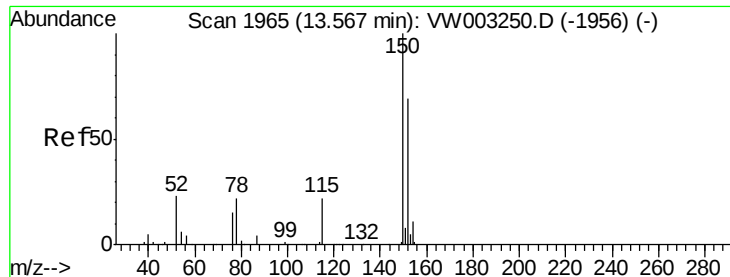
Tot Ion:117 Resp: 239360
Ion Ratio Lower Upper
117 100
82 54.6 44.6 67.0
119 31.3 26.7 40.1



#65
Chlorobenzene
Concen: 2.66 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VW003468.D
Acq: 23 Jun 2018 18:37

Tgt Ion:112 Resp: 13237
Ion Ratio Lower Upper
112 100
114 31.0 25.9 38.9

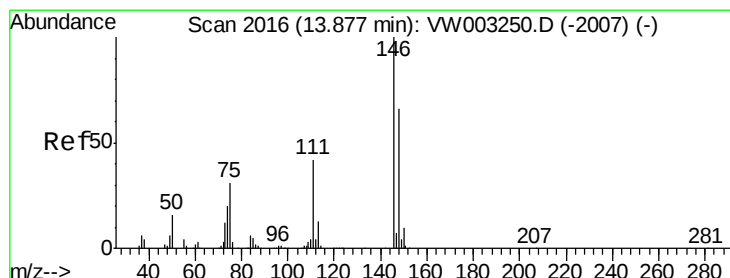
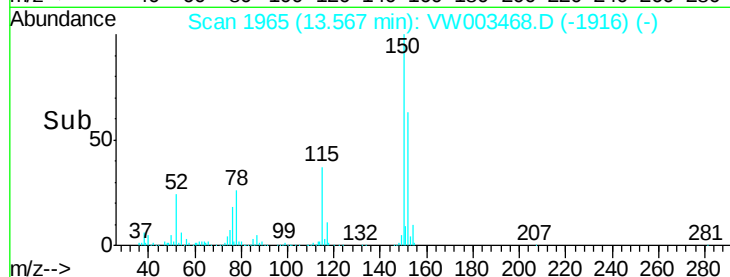
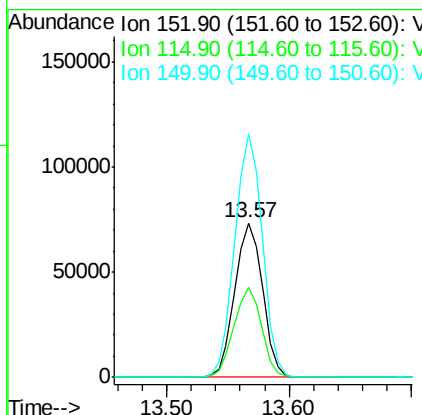
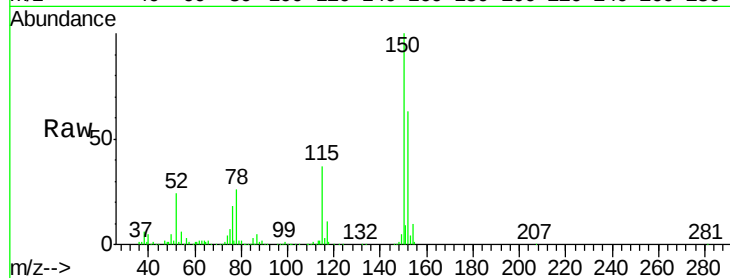




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VW003468.D
 Acq: 23 Jun 2018 18:37

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-33-35-180619

Tot Ion:152 Resp: 114863
 Ion Ratio Lower Upper
 152 100
 115 57.4 29.3 88.0
 150 156.7 0.0 349.6



#91
 1,2-Dichlorobenzene
 Concen: 1.25 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003468.D
 Acq: 23 Jun 2018 18:37

Tgt Ion:146 Resp: 4180
 Ion Ratio Lower Upper
 146 100
 111 46.0 20.3 61.0
 148 64.3 32.3 96.9

