

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003466.D
 Acq On : 23 Jun 2018 17:45
 Operator : SY/AP
 Sample : J3664-09
 Misc : 6.31G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-27-29-180619

Quant Time: Jun 25 04:00:00 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	153898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	242051	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	221872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	109294	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	73176	43.90	ug/l	0.00
Spiked Amount			Recovery	=	87.80%	
35) Dibromofluoromethane	7.89	113	60207	40.03	ug/l	0.00
Spiked Amount			Recovery	=	80.06%	
50) Toluene-d8	10.33	98	199791	33.50	ug/l	0.00
Spiked Amount			Recovery	=	67.00%	
62) 4-Bromofluorobenzene	12.63	95	69273	32.82	ug/l	0.00
Spiked Amount			Recovery	=	65.64%	

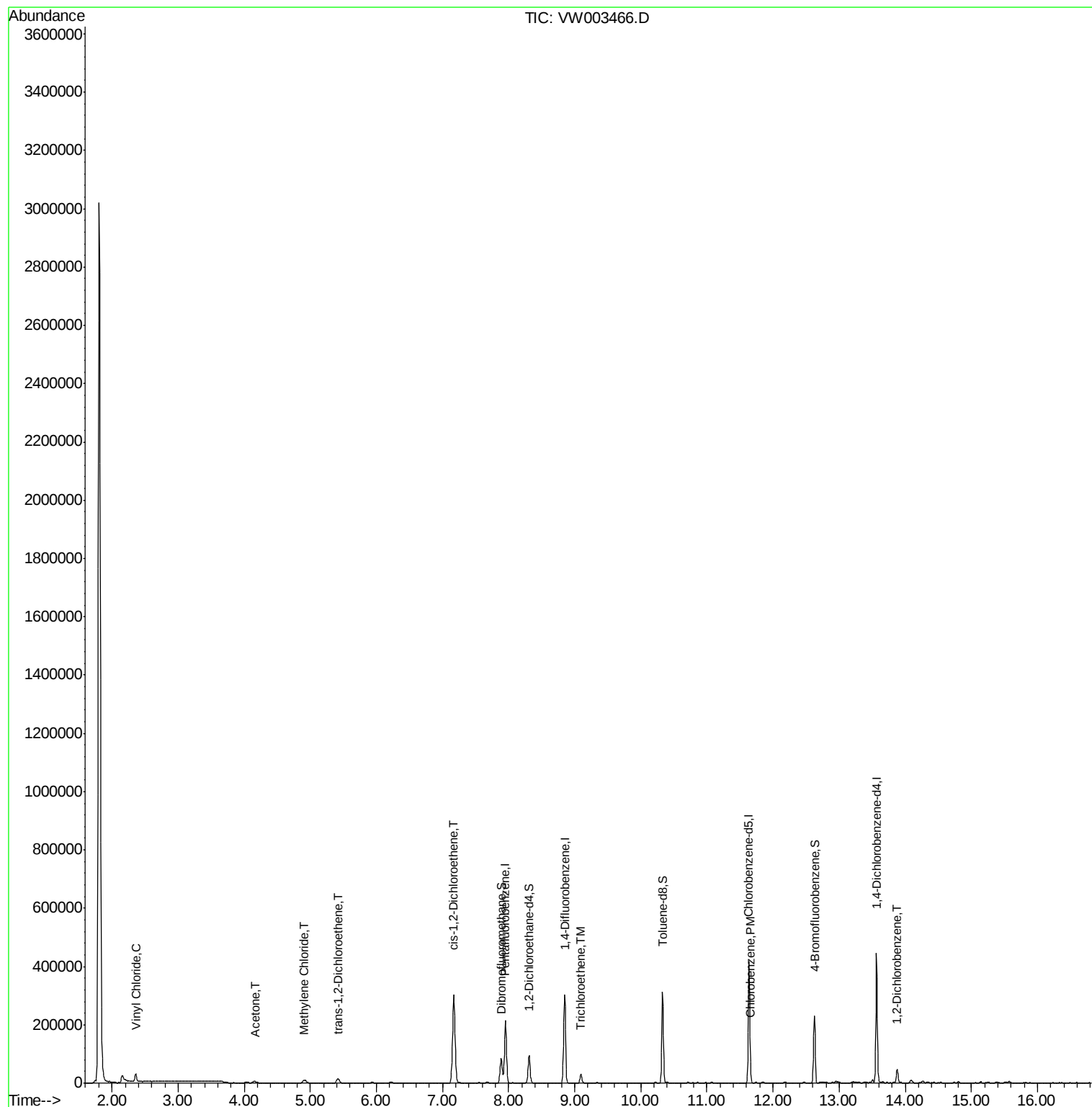
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.36	62	27566	16.09	ug/l	99
16) Acetone	4.16	43	11270	32.24	ug/l #	89
20) Methylene Chloride	4.91	84	8151	1.96	ug/l	91
21) trans-1,2-Dichloroethene	5.42	96	8029	5.30	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	171889	103.20	ug/l	92
44) Trichloroethene	9.09	130	10055	5.89	ug/l	91
65) Chlorobenzene	11.66	112	6481	1.40	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	17249	5.41	ug/l	98

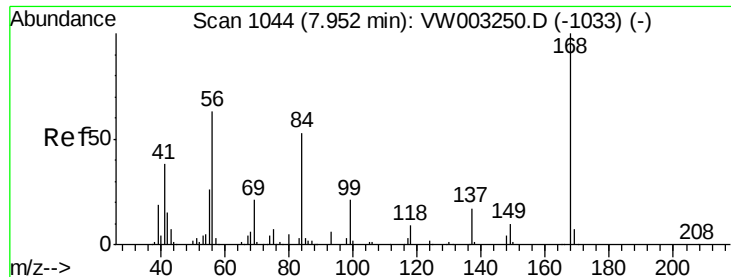
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062318\
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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: VW003466.D

Acq: 23 Jun 2018 17:45

Instrument :

MSVOA_W

ClientSampleId :

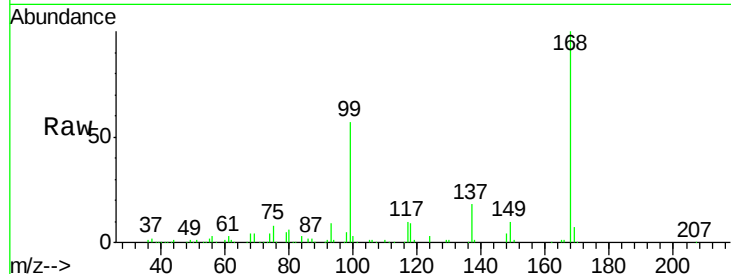
WP021SB476-27-29-180619

Tot Ion:168 Resp: 153898

Ion Ratio Lower Upper

168 100

99 57.3 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

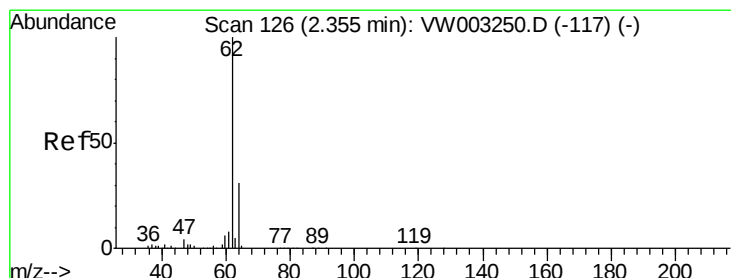
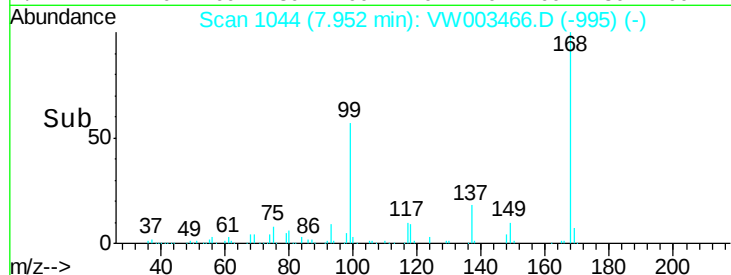
40000

20000

0

7.90 8.00

Time-->



#4

Vinyl Chloride

Concen: 16.09 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003466.D

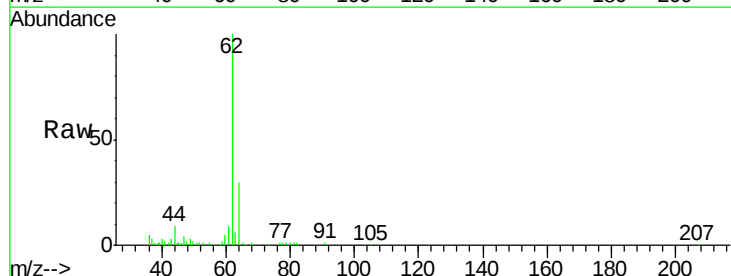
Acq: 23 Jun 2018 17:45

Tgt Ion: 62 Resp: 27566

Ion Ratio Lower Upper

62 100

64 30.4 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

15000

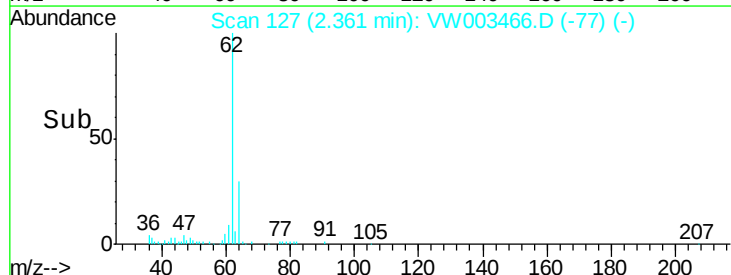
10000

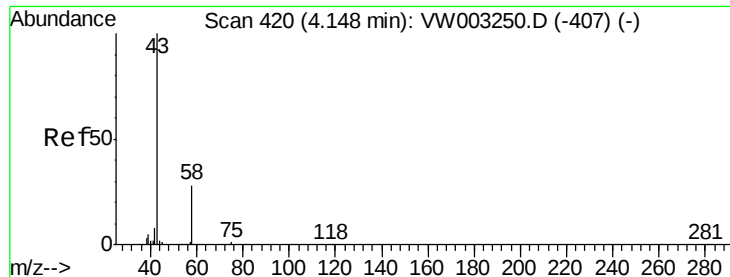
5000

0

2.25 2.30 2.35 2.40 2.45

Time-->





#16

Acetone

Concen: 32.24 ug/l

RT: 4.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VW003466.D

Acq: 23 Jun 2018 17:45

Instrument :

MSVOA_W

ClientSampleId :

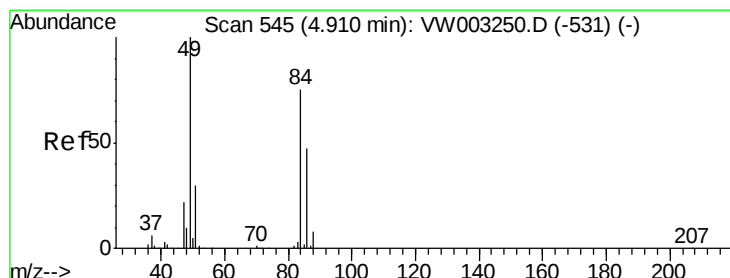
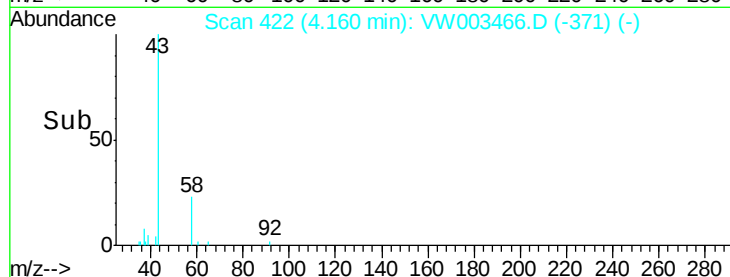
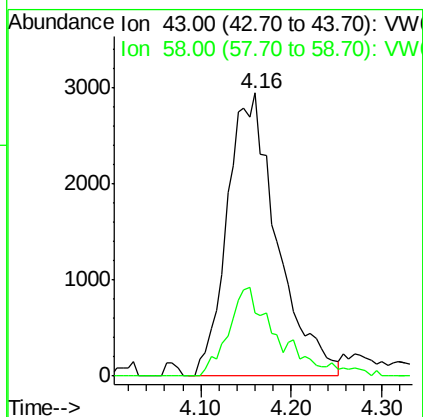
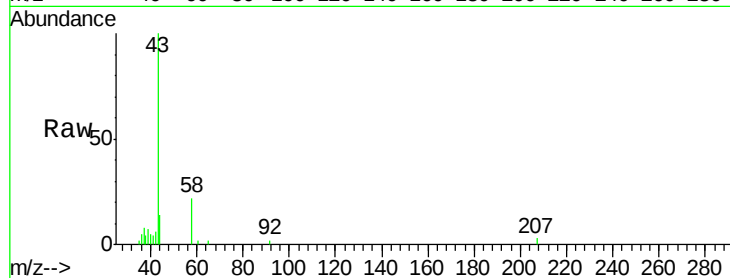
WP021SB476-27-29-180619

Tot Ion: 43 Resp: 11270

Ion Ratio Lower Upper

43 100

58 22.4 22.6 34.0#



#20

Methylene Chloride

Concen: 1.96 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003466.D

Acq: 23 Jun 2018 17:45

Tgt Ion: 84 Resp: 8151

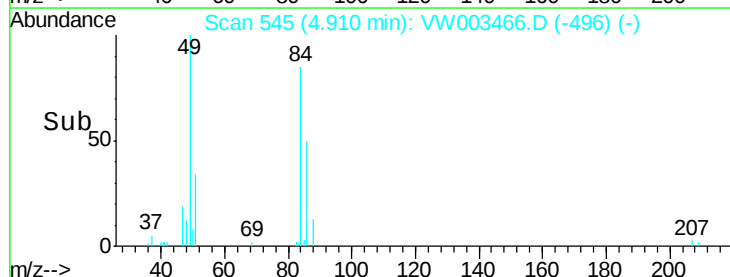
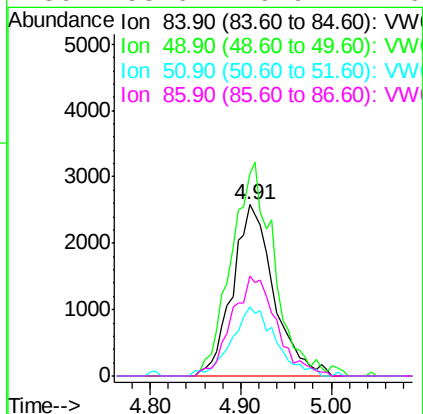
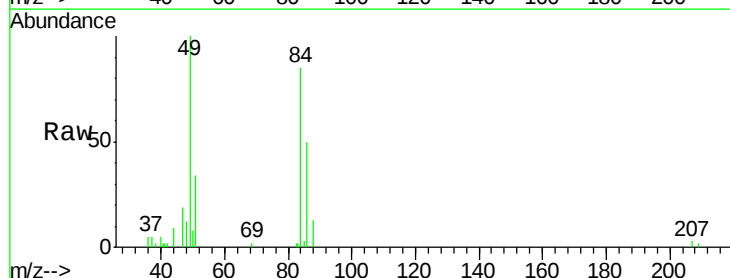
Ion Ratio Lower Upper

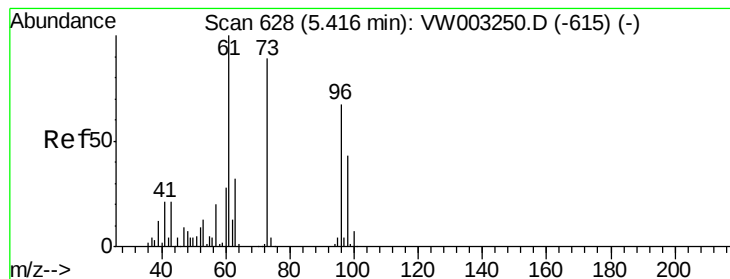
84 100

49 117.9 106.3 159.5

51 40.3 32.0 48.0

86 58.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 5.30 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003466.D

Acq: 23 Jun 2018 17:45

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-27-29-180619

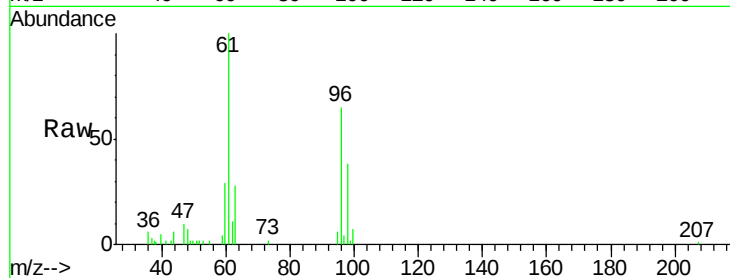
Tot Ion: 96 Resp: 8029

Ion Ratio Lower Upper

96 100

61 153.2 118.7 178.1

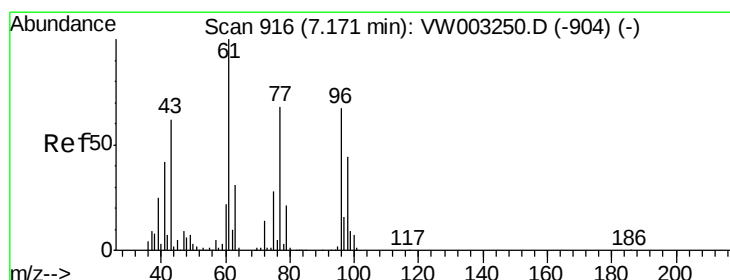
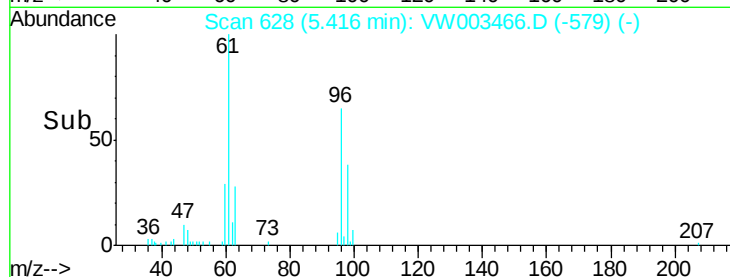
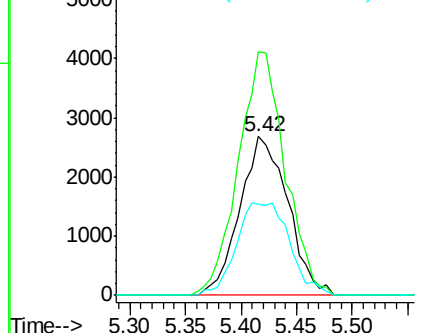
98 57.7 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#27

cis-1,2-Dichloroethene

Concen: 103.20 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003466.D

Acq: 23 Jun 2018 17:45

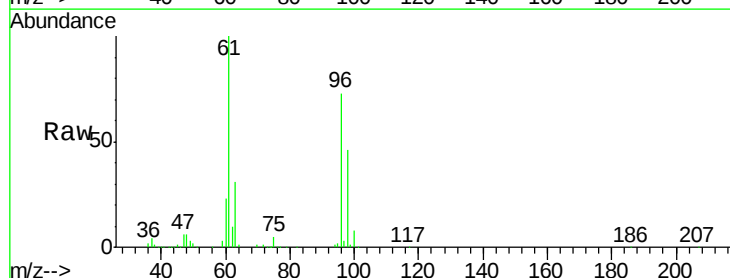
Tgt Ion: 96 Resp: 171889

Ion Ratio Lower Upper

96 100

61 135.9 0.0 298.8

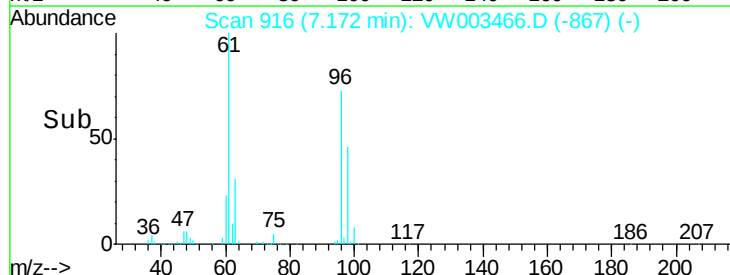
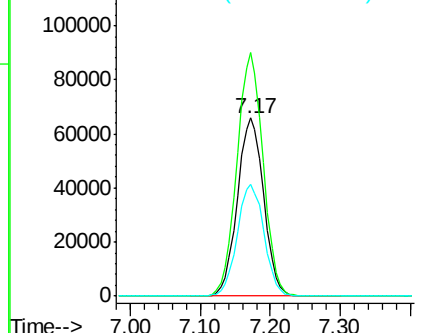
98 64.0 0.0 130.4

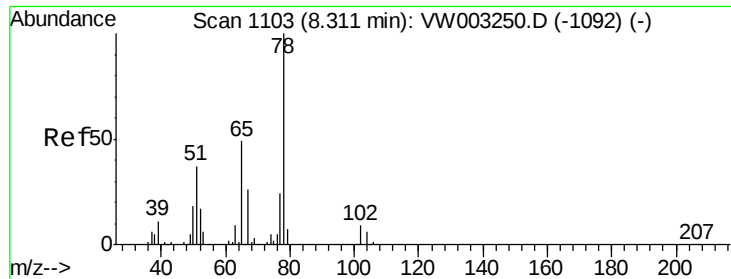


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#33

1,2-Dichloroethane-d4

Concen: 43.90 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003466.D

Acq: 23 Jun 2018 17:45

Instrument :

MSVOA_W

ClientSampleId :

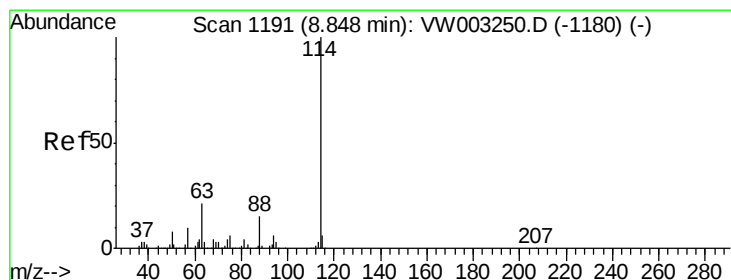
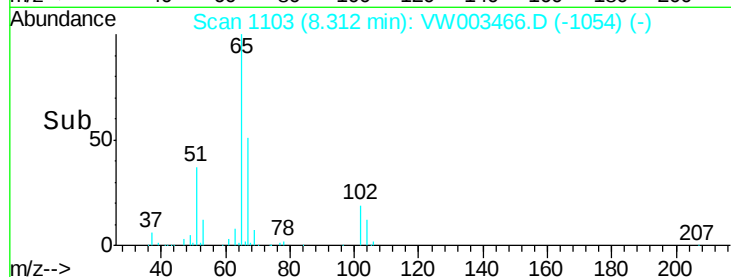
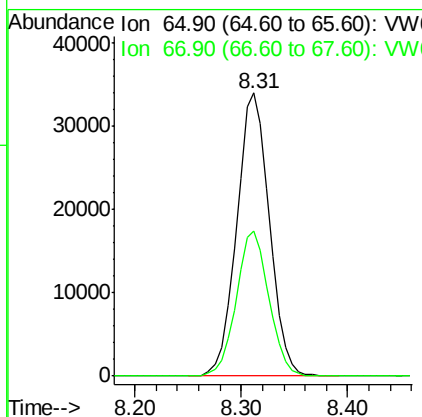
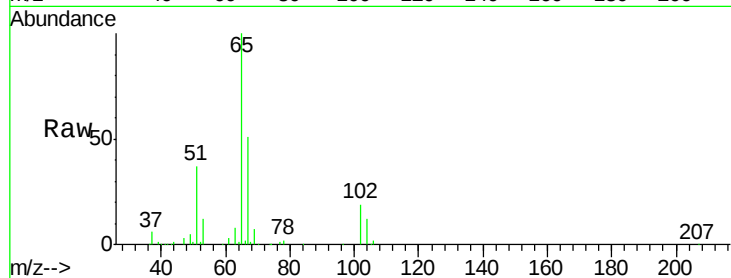
WP021SB476-27-29-180619

Tot Ion: 65 Resp: 73176

Ion Ratio Lower Upper

65 100

67 51.2 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: VW003466.D

Acq: 23 Jun 2018 17:45

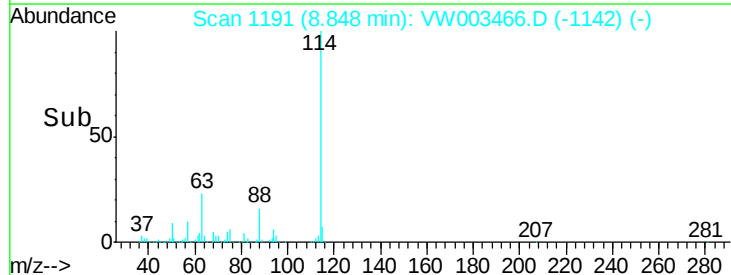
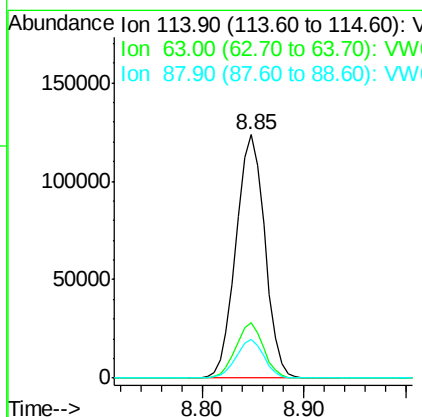
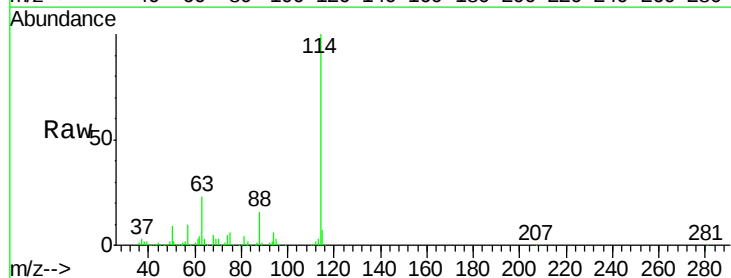
Tgt Ion: 114 Resp: 242051

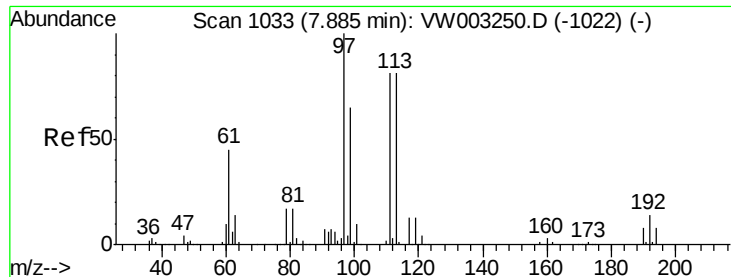
Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.0

88 16.0 0.0 29.6

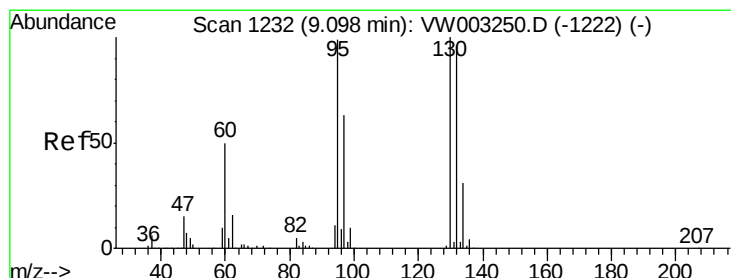
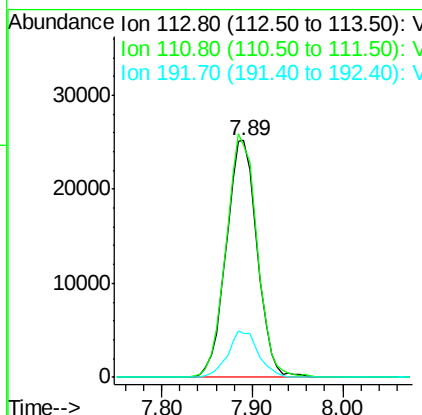
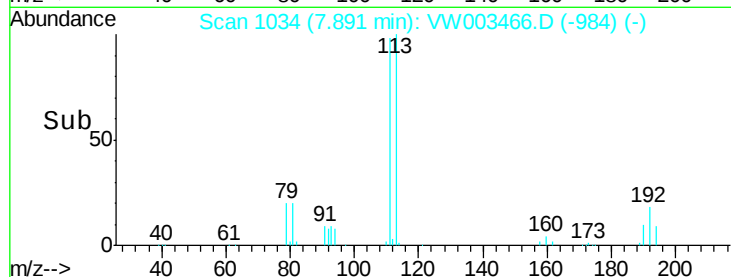
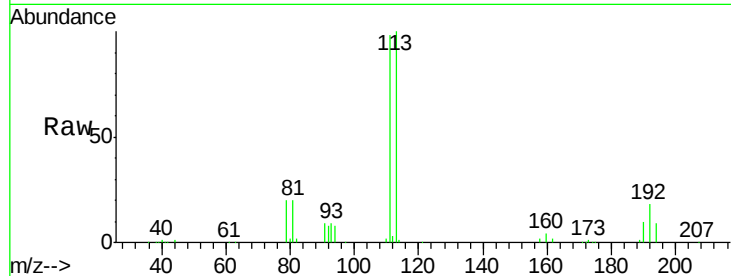




#35
 Dibromofluoromethane
 Concen: 40.03 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003466.D
 Acq: 23 Jun 2018 17:45

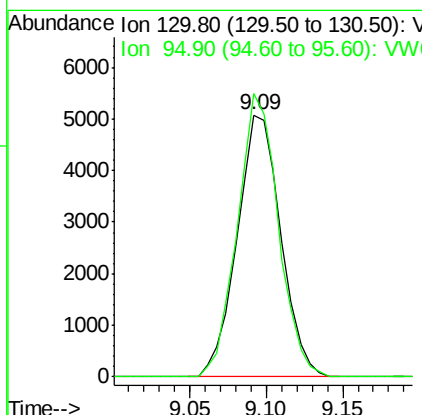
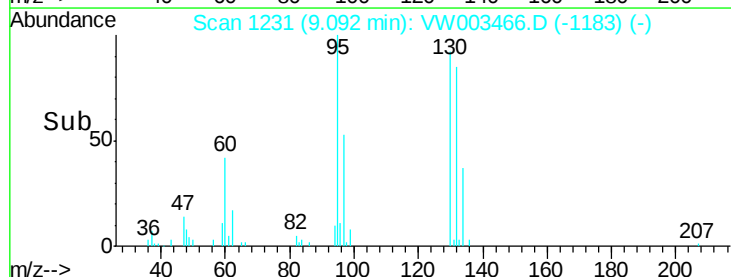
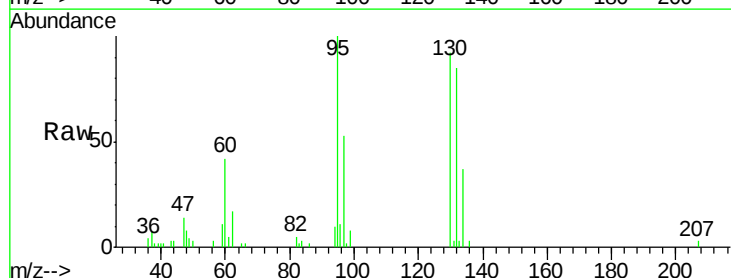
Instrument :
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 WP021SB476-27-29-180619

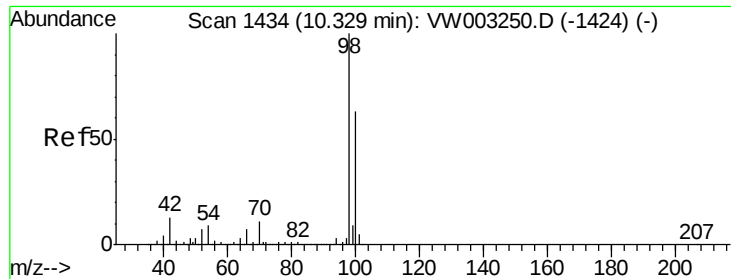
Tot Ion:113 Resp: 60207
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.2 123.2
 192 19.2 16.2 24.2



#44
 Trichloroethene
 Concen: 5.89 ug/l
 RT: 9.09 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: VW003466.D
 Acq: 23 Jun 2018 17:45

Tgt Ion:130 Resp: 10055
 Ion Ratio Lower Upper
 130 100
 95 108.1 0.0 198.0





#50

Toluene-d8

Concen: 33.50 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003466.D

Acq: 23 Jun 2018 17:45

Instrument :

MSVOA_W

ClientSampleId :

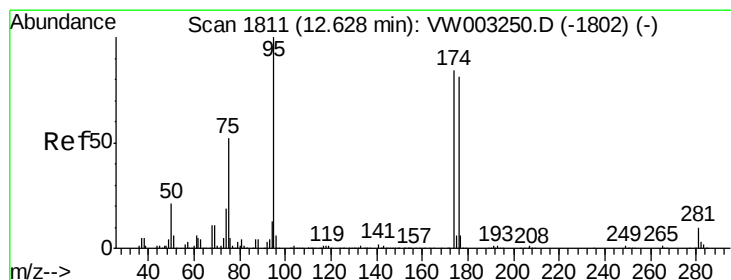
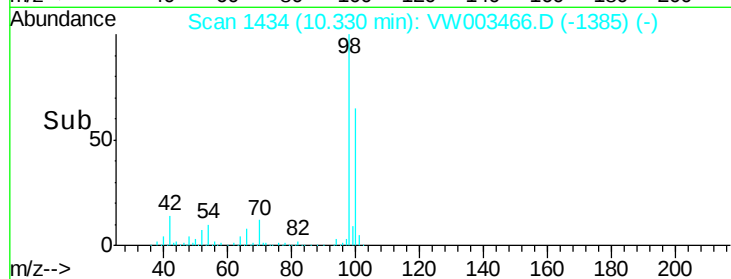
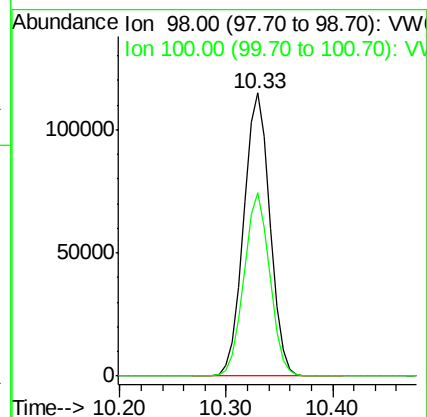
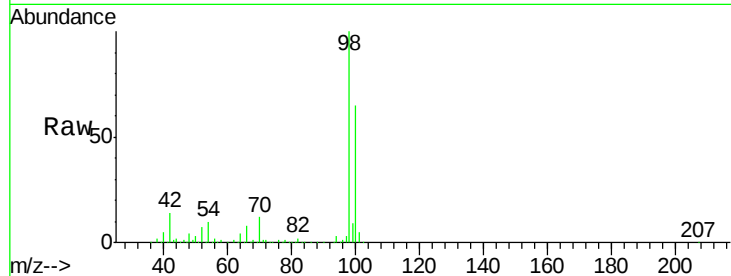
WP021SB476-27-29-180619

Tot Ion: 98 Resp: 199791

Ion Ratio Lower Upper

98 100

100 63.2 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 32.82 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003466.D

Acq: 23 Jun 2018 17:45

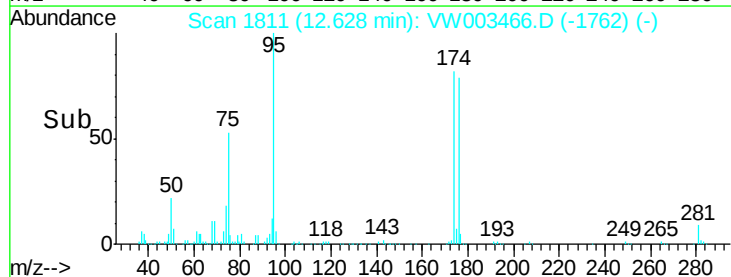
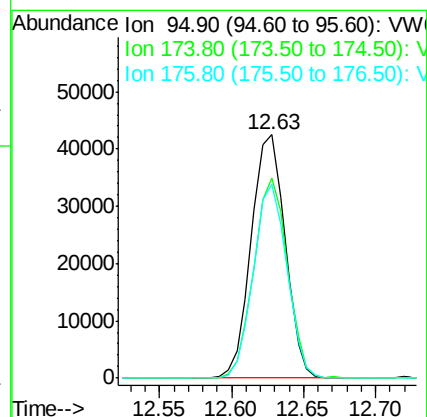
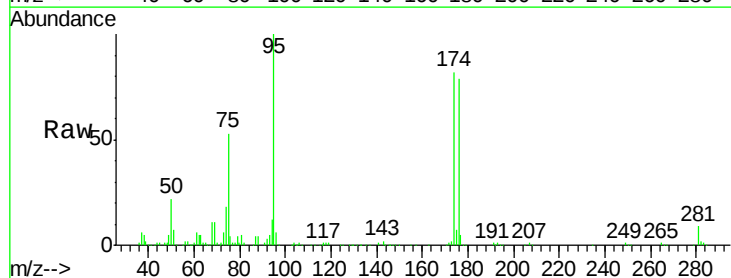
Tgt Ion: 95 Resp: 69273

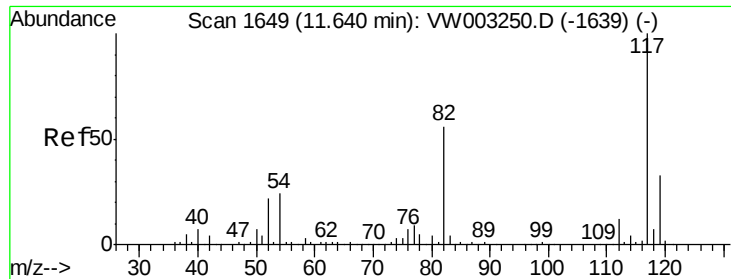
Ion Ratio Lower Upper

95 100

174 81.1 0.0 166.4

176 78.3 0.0 162.0

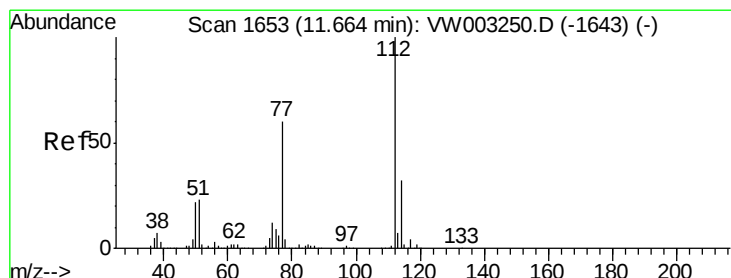
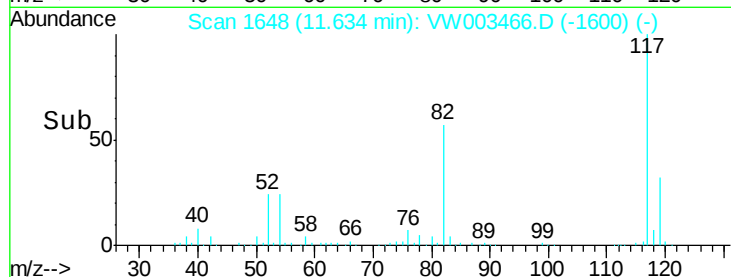
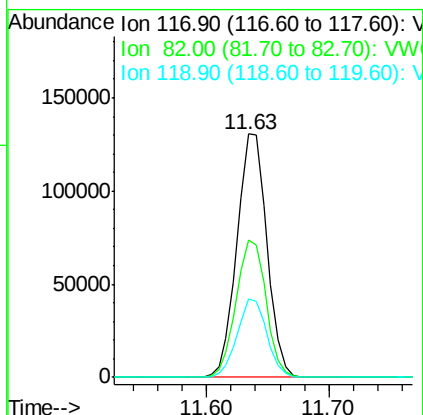
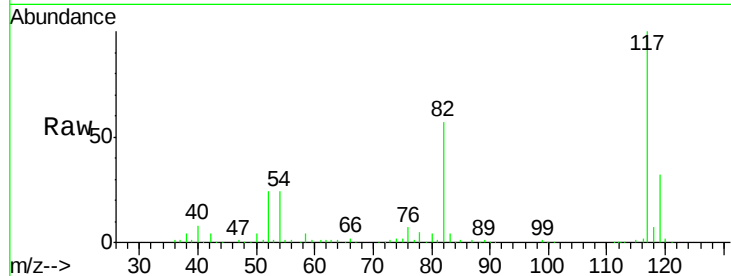




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003466.D
Acq: 23 Jun 2018 17:45

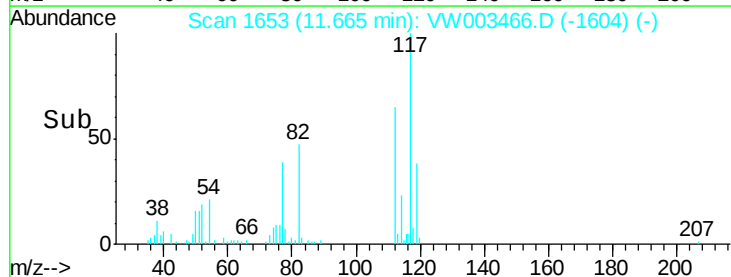
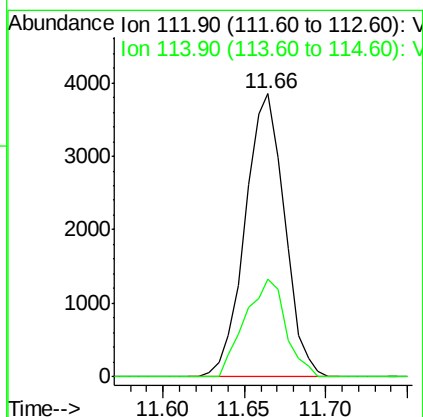
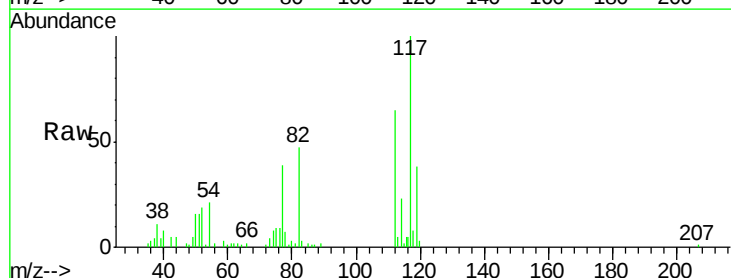
Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-27-29-180619

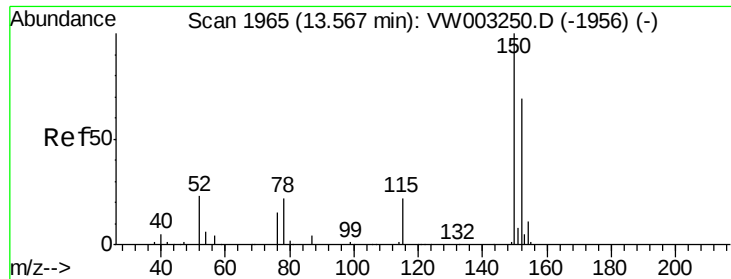
Tot Ion:117 Resp: 221872
Ion Ratio Lower Upper
117 100
82 56.5 44.6 67.0
119 32.1 26.7 40.1



#65
Chlorobenzene
Concen: 1.40 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003466.D
Acq: 23 Jun 2018 17:45

Tgt Ion:112 Resp: 6481
Ion Ratio Lower Upper
112 100
114 34.5 25.9 38.9



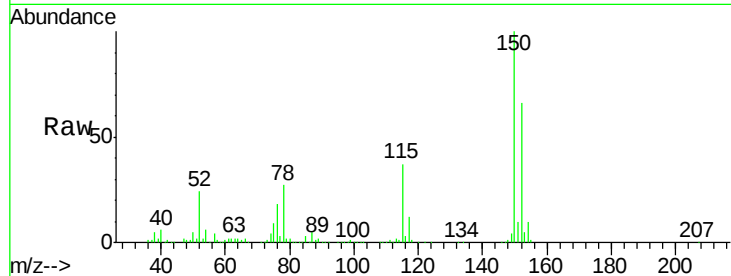


#72

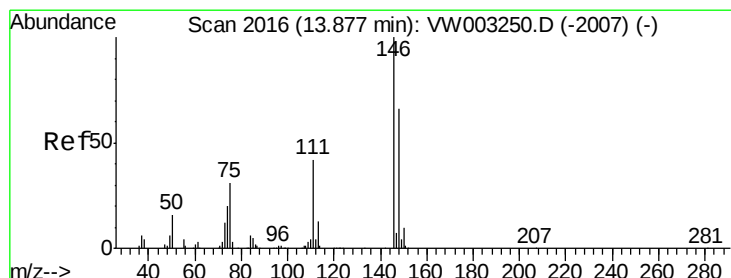
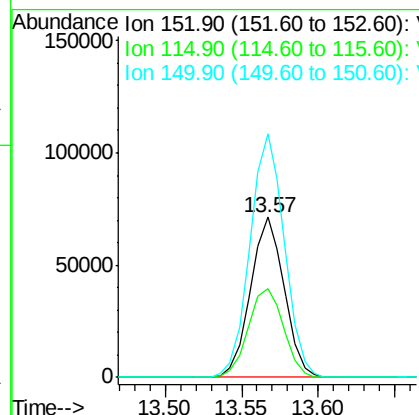
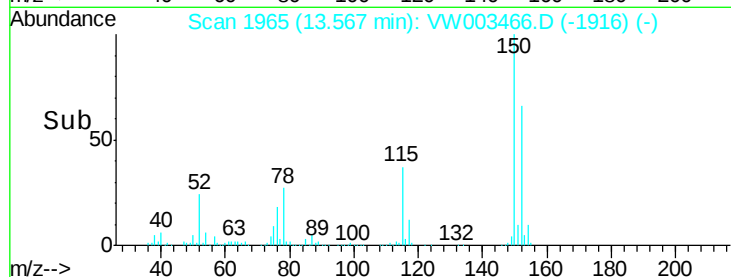
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003466.D
Acq: 23 Jun 2018 17:45

Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-27-29-180619

Tot Ion:152 Resp: 109294
Ion Ratio Lower Upper
152 100
115 58.2 29.3 88.0
150 154.9 0.0 349.6



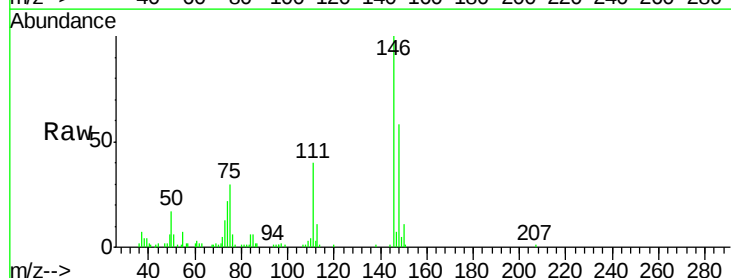
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#91

1,2-Dichlorobenzene
Concen: 5.41 ug/l
RT: 13.88 min Scan# 2016
Delta R.T. 0.00 min
Lab File: VW003466.D
Acq: 23 Jun 2018 17:45

Tgt Ion:146 Resp: 17249
Ion Ratio Lower Upper
146 100
111 41.2 20.3 61.0
148 62.5 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

