

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003458.D
 Acq On : 23 Jun 2018 14:19
 Operator : SY/AP
 Sample : J3664-01
 Misc : 6.55G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB482-15-17-180619

Quant Time: Jun 25 03:46:46 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	188307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	312623	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	291164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	144424	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	83360	40.87	ug/l	0.00
Spiked Amount			Recovery	=	81.74%	
35) Dibromofluoromethane	7.89	113	70501	36.29	ug/l	0.00
Spiked Amount			Recovery	=	72.58%	
50) Toluene-d8	10.33	98	248438	32.25	ug/l	0.00
Spiked Amount			Recovery	=	64.50%	
62) 4-Bromofluorobenzene	12.63	95	91159	33.44	ug/l	0.00
Spiked Amount			Recovery	=	66.88%	

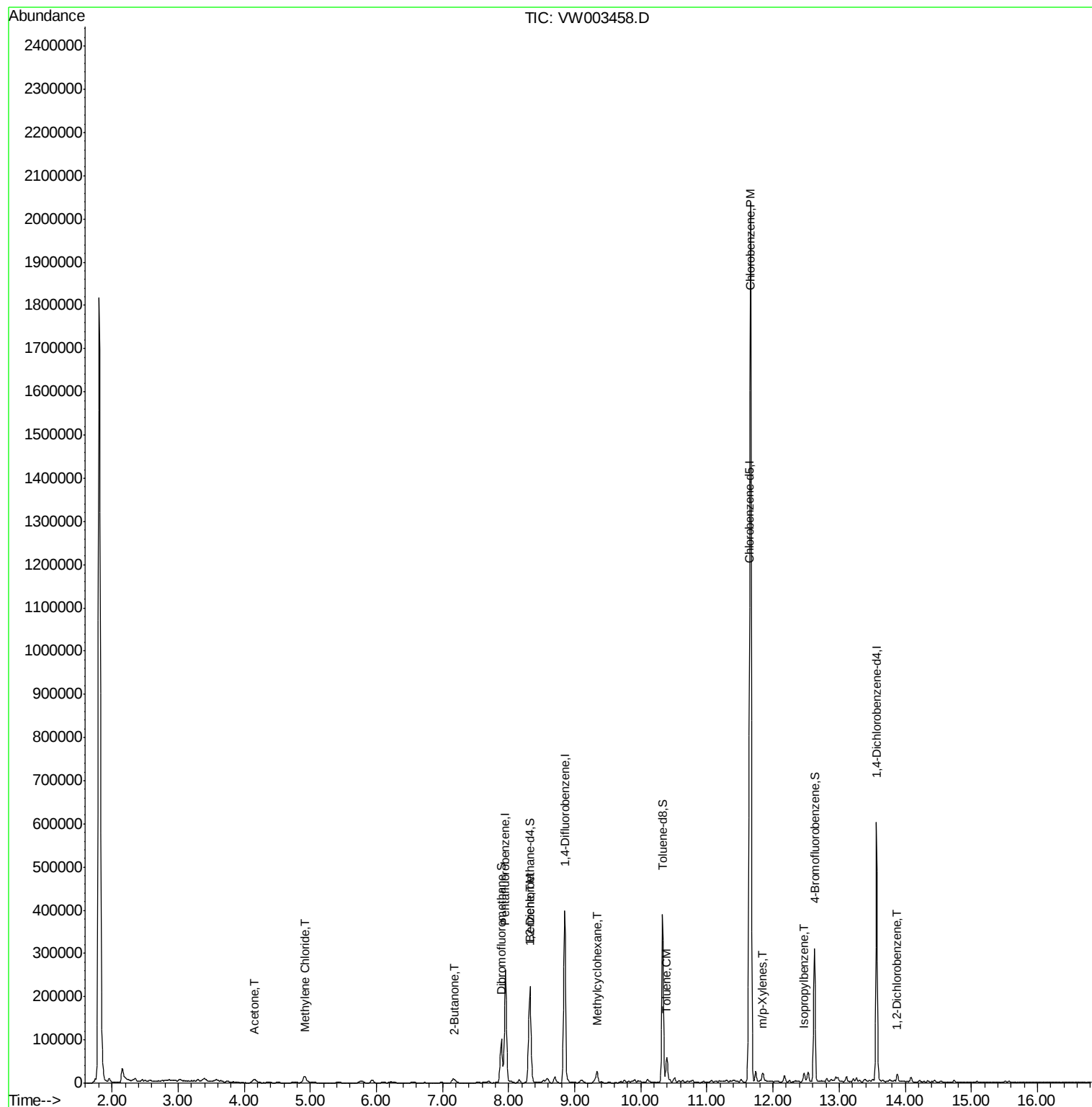
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	20724	48.45	ug/l	93
20) Methylene Chloride	4.91	84	11838	3.07	ug/l	87
25) 2-Butanone	7.19	43	6130	11.52	ug/l #	77
39) Methylcyclohexane	9.34	83	9746	2.79	ug/l	96
40) Benzene	8.33	78	152492	18.32	ug/l	99
52) Toluene	10.39	92	22065	4.13	ug/l	100
65) Chlorobenzene	11.66	112	1034479	170.61	ug/l	100
68) m/p-Xylenes	11.85	106	4795	1.17	ug/l	99
73) Isopropylbenzene	12.47	105	10576	1.05	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	5436	1.29	ug/l	93

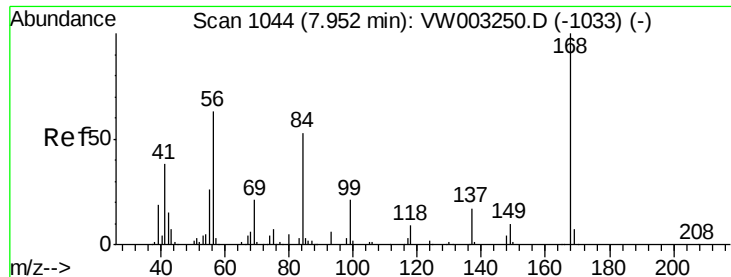
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062318\
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WP021SB482-15-17-180619

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
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: VW003458.D

Acq: 23 Jun 2018 14:19

Instrument :

MSVOA_W

ClientSampleId :

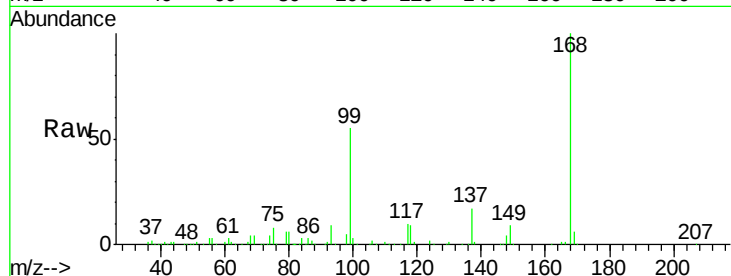
WP021SB482-15-17-180619

Tot Ion:168 Resp: 188307

Ion Ratio Lower Upper

168 100

99 55.5 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

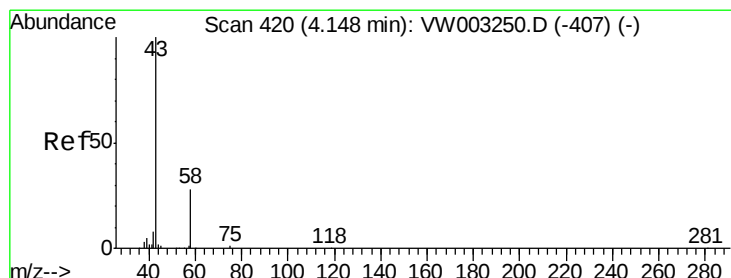
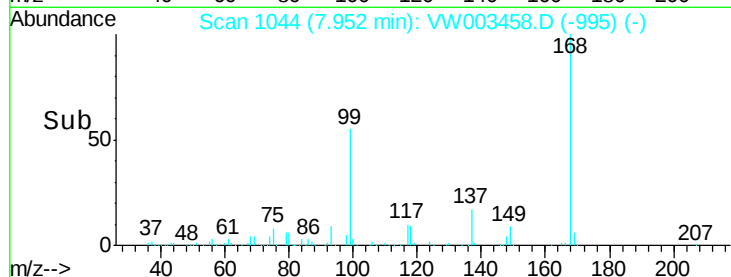
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 48.45 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW003458.D

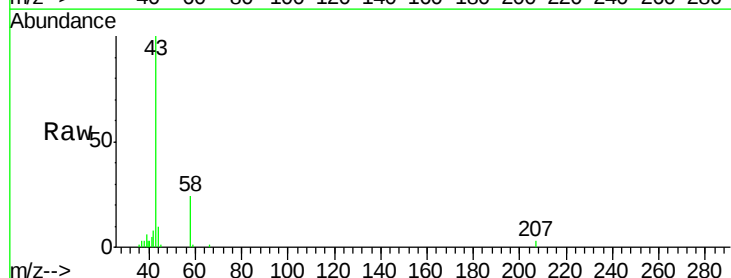
Acq: 23 Jun 2018 14:19

Tgt Ion: 43 Resp: 20724

Ion Ratio Lower Upper

43 100

58 24.5 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

6000

5000

4000

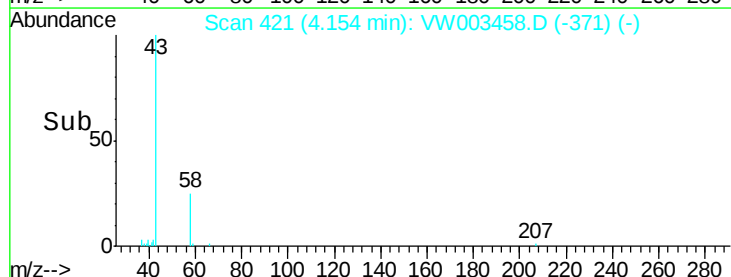
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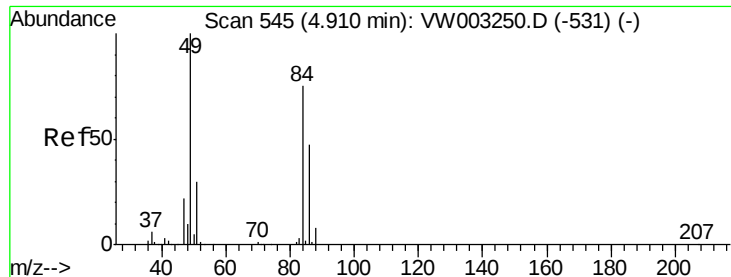
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1000

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Time-->

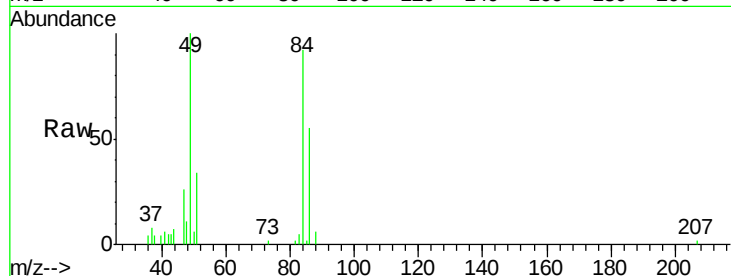




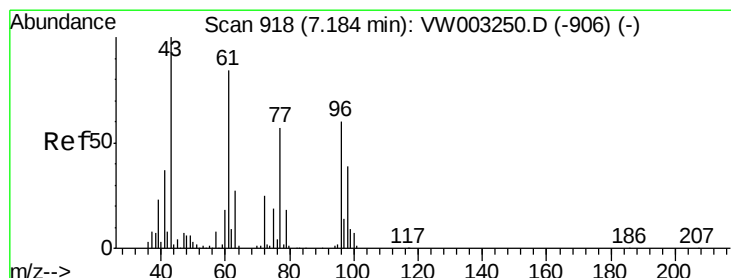
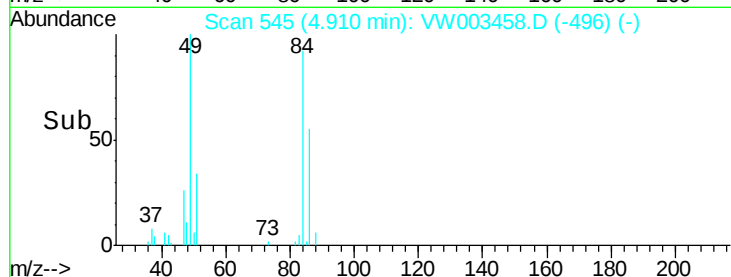
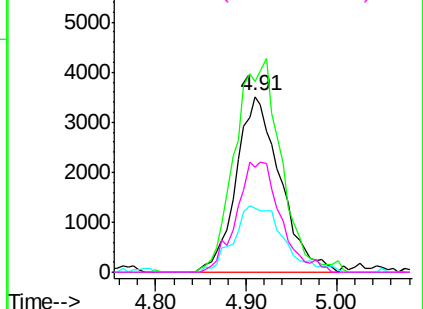
#20
Methvlene Chloride
Concen: 3.07 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003458.D
Acq: 23 Jun 2018 14:19

Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619

Tot Ion: 84 Resp: 11838
Ion Ratio Lower Upper
84 100
49 108.9 106.3 159.5
51 36.7 32.0 48.0
86 60.1 49.9 74.9

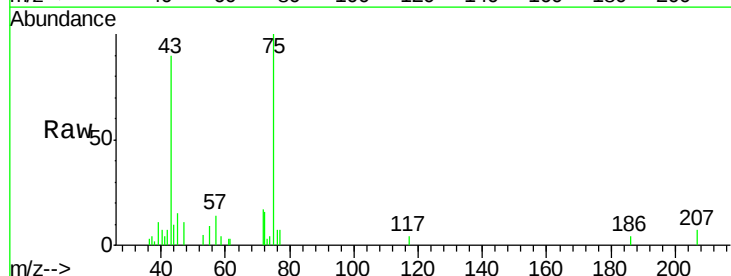


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

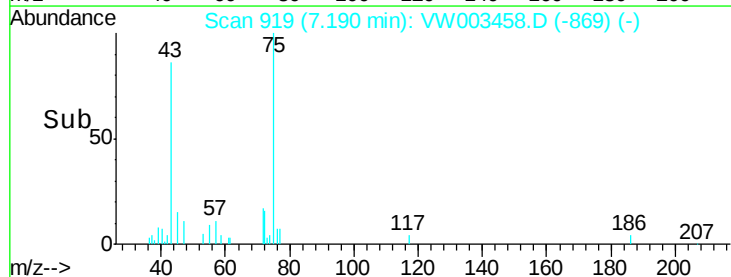
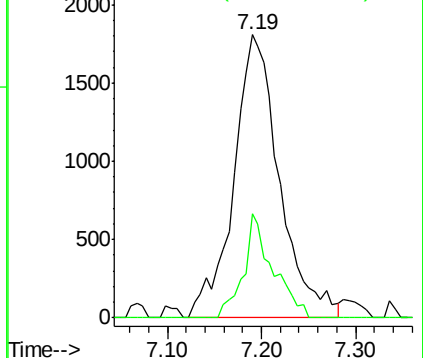


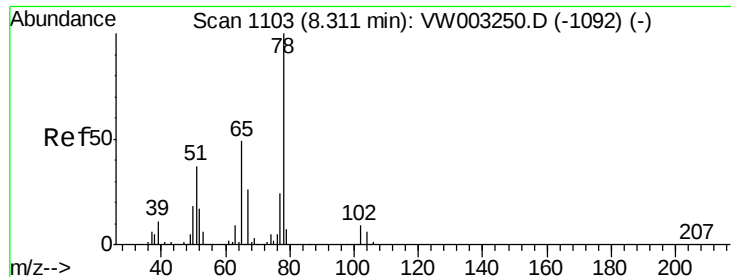
#25
2-Butanone
Concen: 11.52 ug/l
RT: 7.19 min Scan# 919
Delta R.T. 0.01 min
Lab File: VW003458.D
Acq: 23 Jun 2018 14:19

Tgt Ion: 43 Resp: 6130
Ion Ratio Lower Upper
43 100
72 36.9 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#33

1,2-Dichloroethane-d4

Concen: 40.87 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003458.D

Acq: 23 Jun 2018 14:19

Instrument :

MSVOA_W

ClientSampleId :

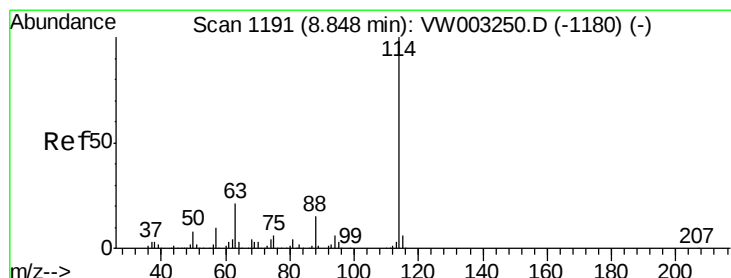
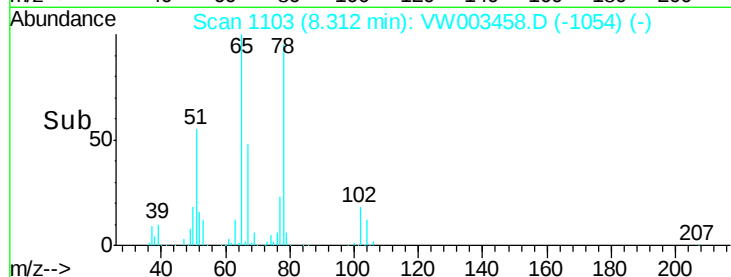
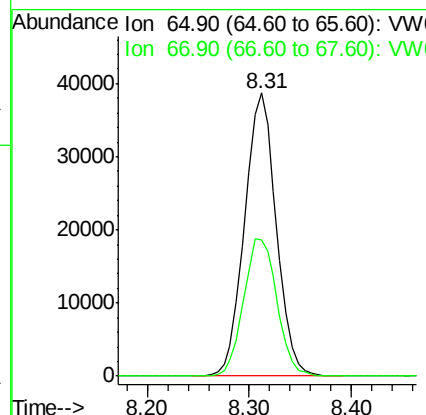
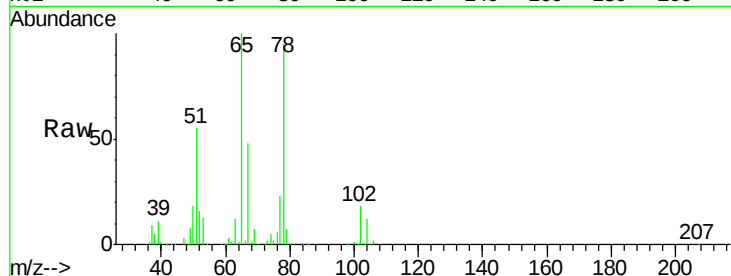
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Tot Ion: 65 Resp: 83360

Ion Ratio Lower Upper

65 100

67 51.0 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: VW003458.D

Acq: 23 Jun 2018 14:19

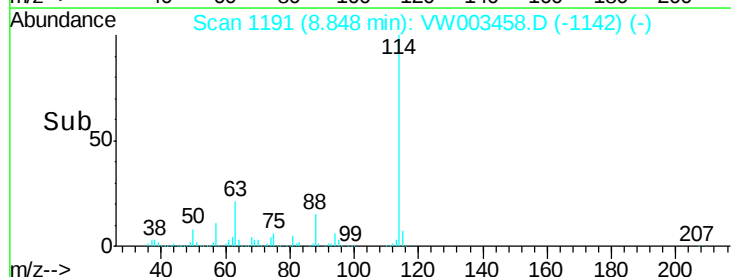
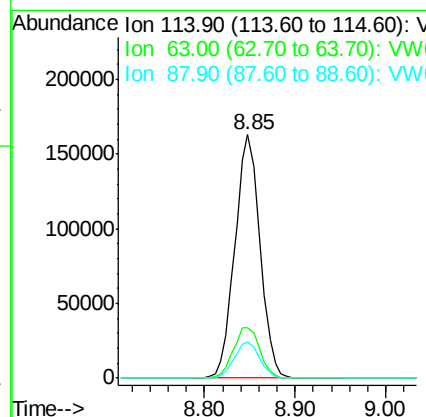
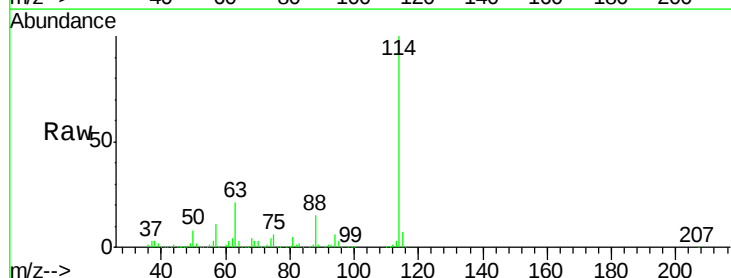
Tgt Ion: 114 Resp: 312623

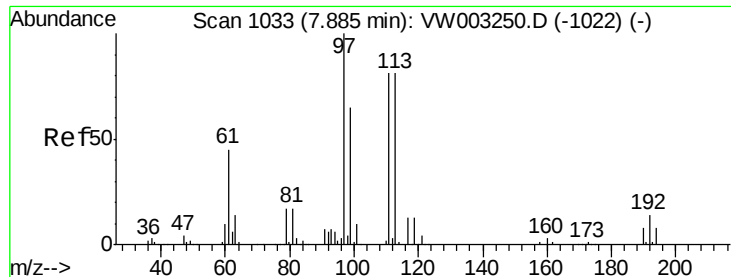
Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.0

88 15.1 0.0 29.6

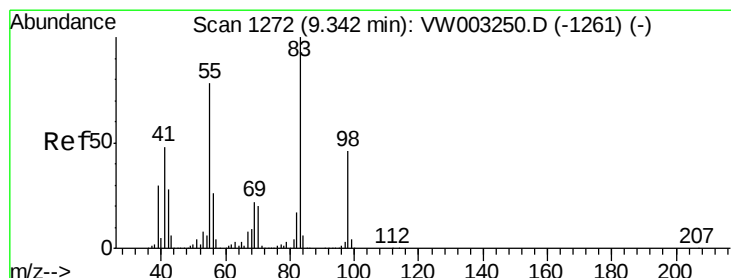
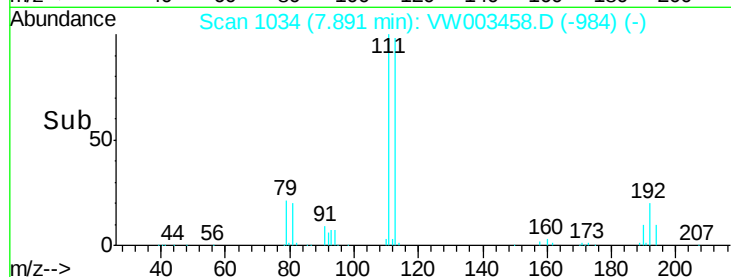
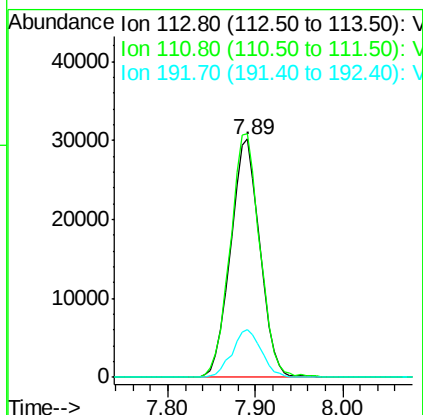
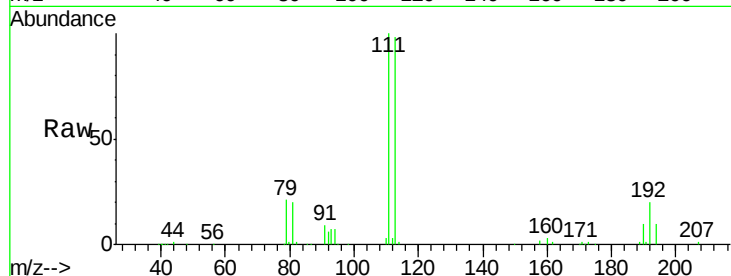




#35
 Dibromofluoromethane
 Concen: 36.29 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003458.D
 Acq: 23 Jun 2018 14:19

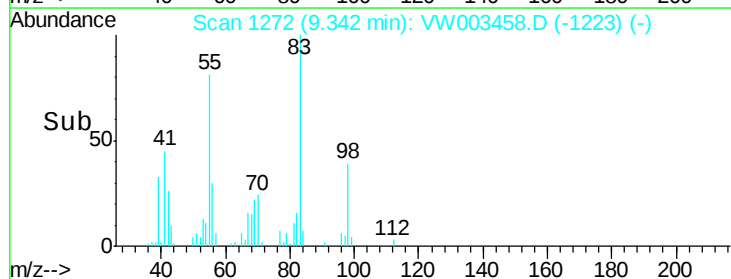
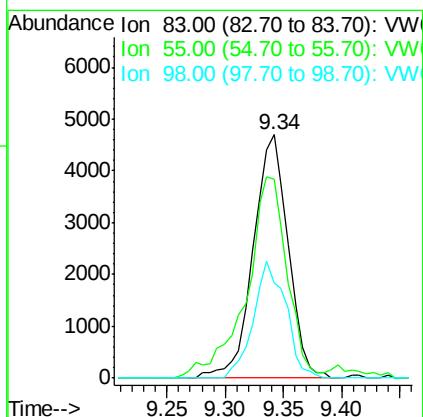
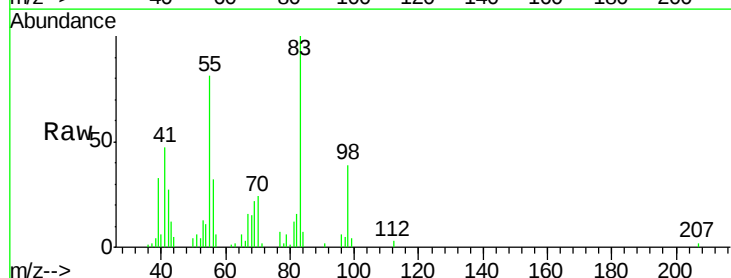
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB482-15-17-180619

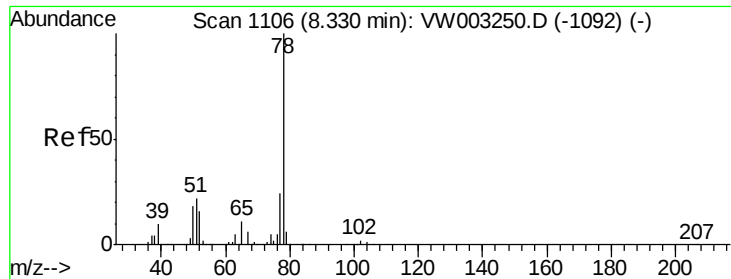
Tot Ion:113 Resp: 70501
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.2 123.2
 192 19.9 16.2 24.2



#39
 Methylcyclohexane
 Concen: 2.79 ug/l
 RT: 9.34 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: VW003458.D
 Acq: 23 Jun 2018 14:19

Tgt Ion: 83 Resp: 9746
 Ion Ratio Lower Upper
 83 100
 55 78.5 62.6 93.8
 98 39.0 37.0 55.4





#40

Benzene

Concen: 18.32 ug/l

RT: 8.33 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VW003458.D

Acq: 23 Jun 2018 14:19

Instrument :

MSVOA_W

ClientSampleId :

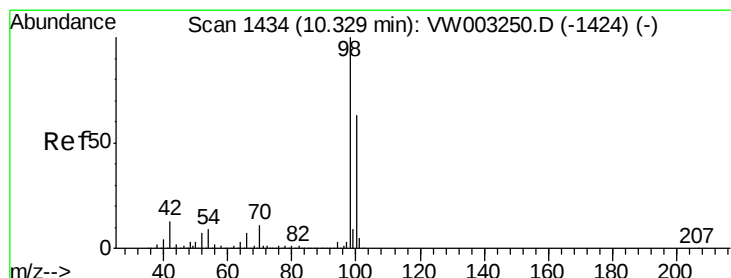
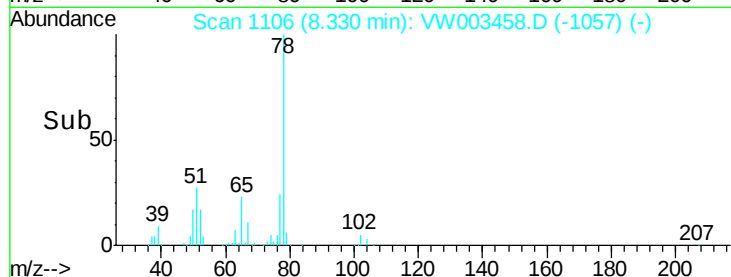
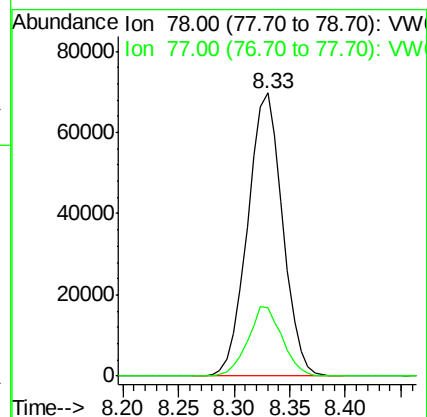
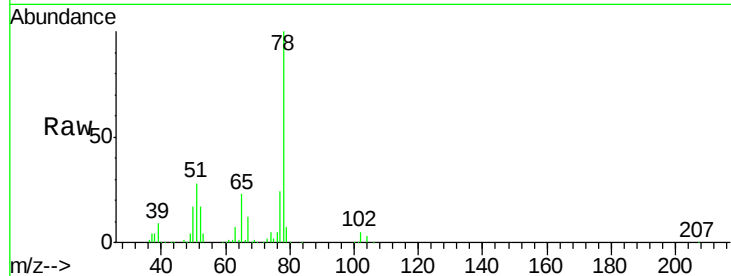
WP021SB482-15-17-180619

Tot Ion: 78 Resp: 152492

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6



#50

Toluene-d8

Concen: 32.25 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003458.D

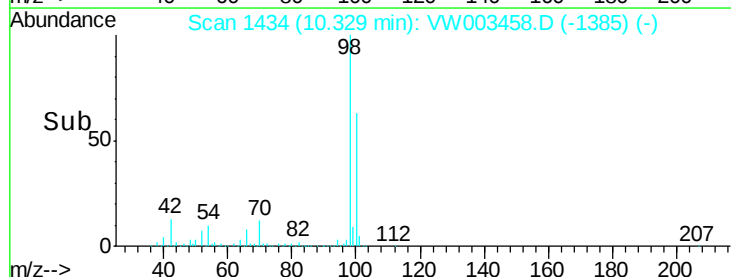
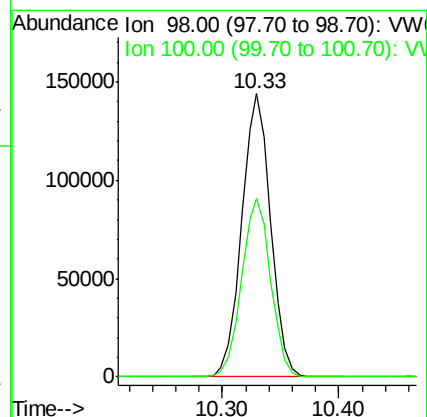
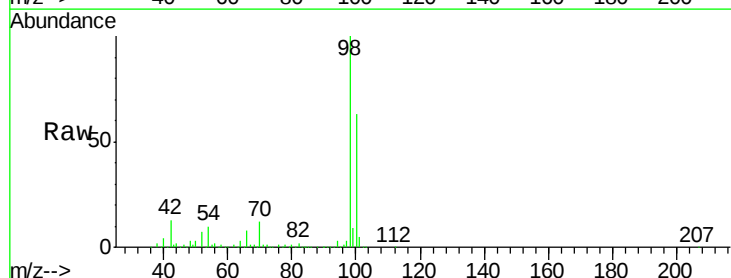
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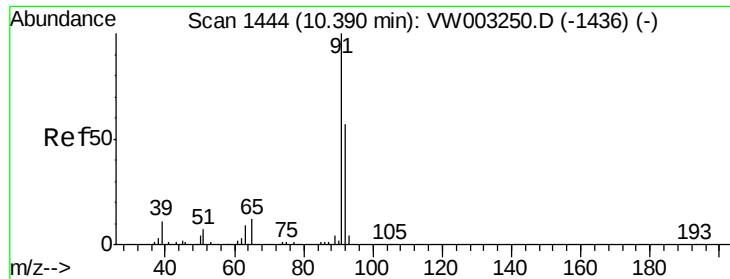
Tgt Ion: 98 Resp: 248438

Ion Ratio Lower Upper

98 100

100 63.3 50.8 76.2





#52

Toluene

Concen: 4.13 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003458.D

Acq: 23 Jun 2018 14:19

Instrument :

MSVOA_W

ClientSampleId :

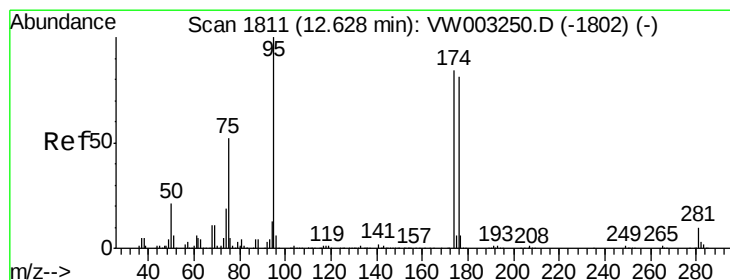
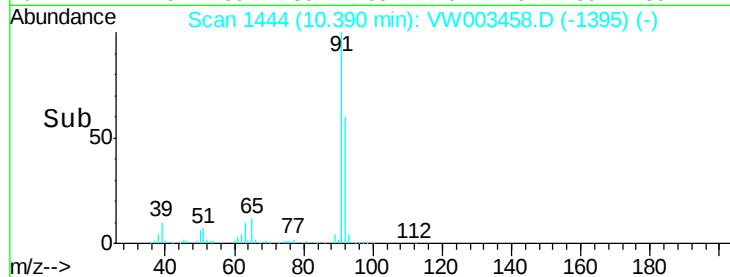
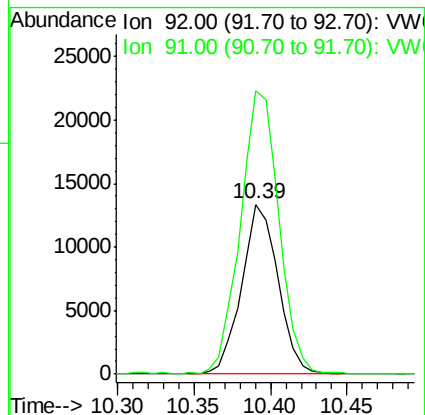
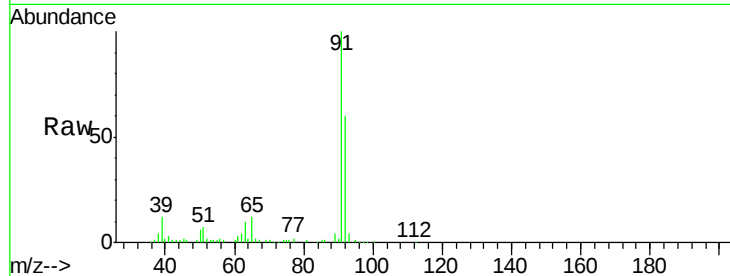
WP021SB482-15-17-180619

Tot Ion: 92 Resp: 22065

Ion Ratio Lower Upper

92 100

91 176.8 141.1 211.7



#62

4-Bromofluorobenzene

Concen: 33.44 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003458.D

Acq: 23 Jun 2018 14:19

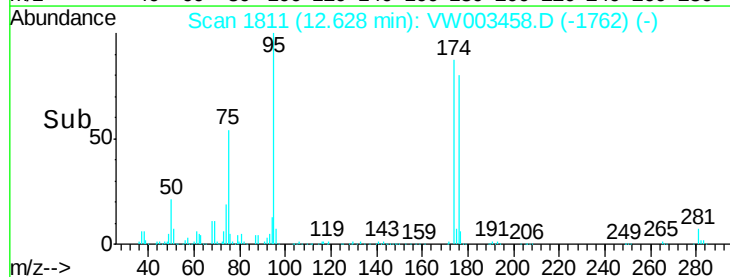
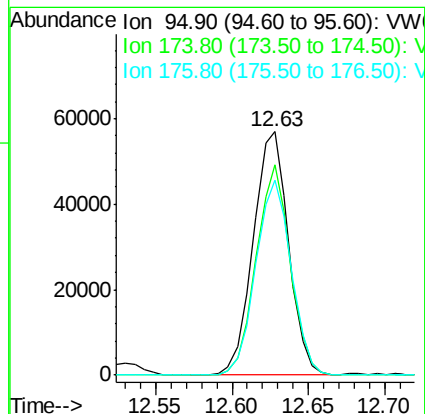
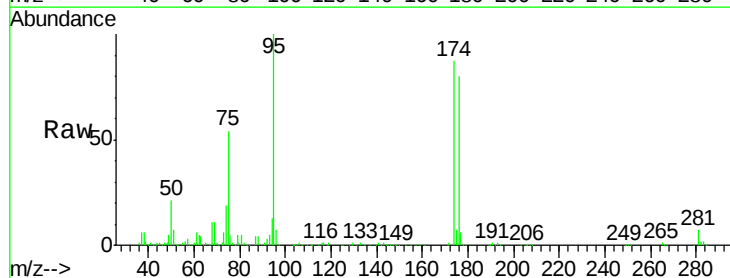
Tgt Ion: 95 Resp: 91159

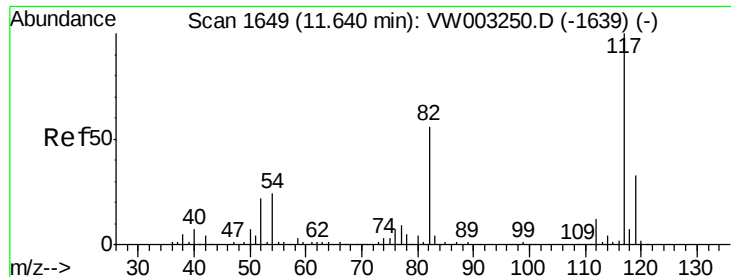
Ion Ratio Lower Upper

95 100

174 83.6 0.0 166.4

176 80.4 0.0 162.0

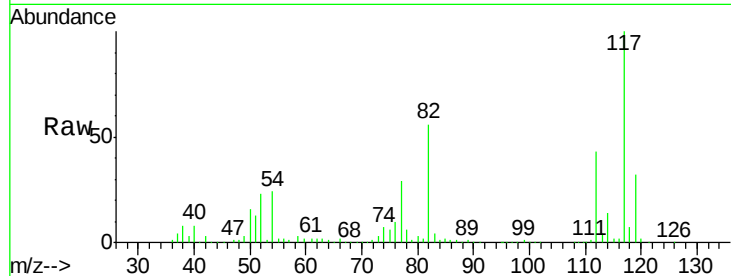




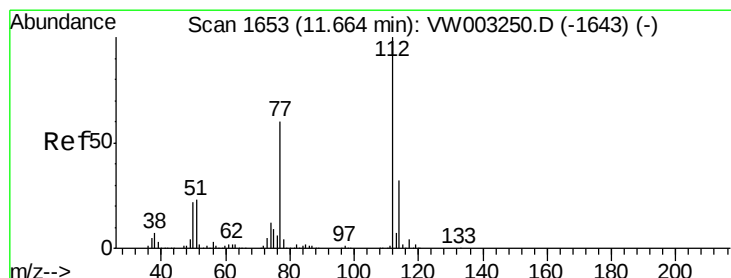
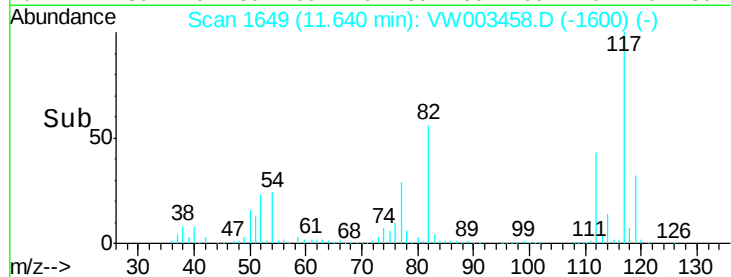
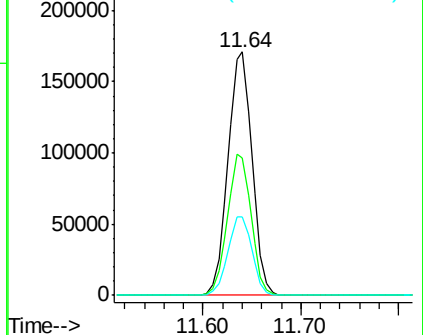
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003458.D
Acq: 23 Jun 2018 14:19

Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619

Tot Ion:117 Resp: 291164
Ion Ratio Lower Upper
117 100
82 56.3 44.6 67.0
119 32.3 26.7 40.1

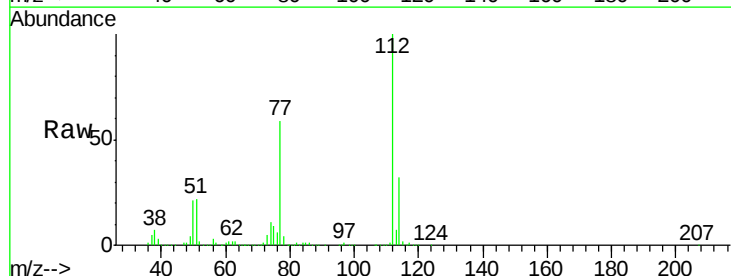


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

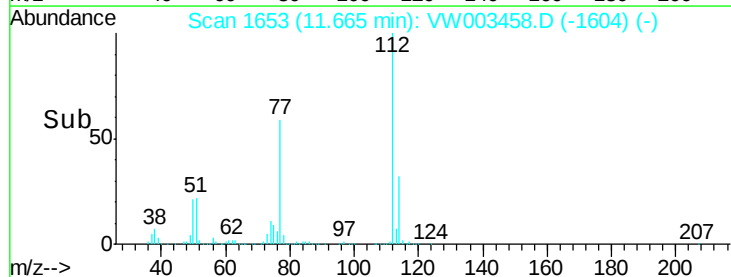
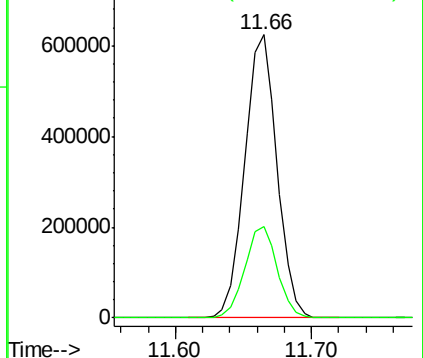


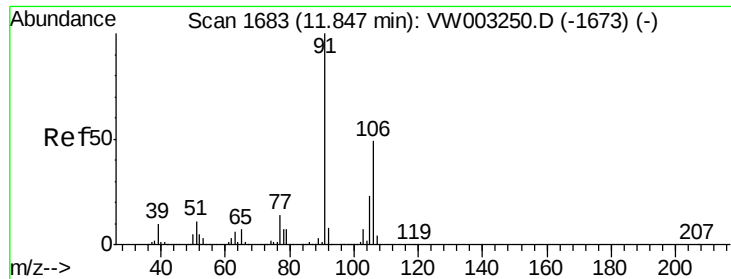
#65
Chlorobenzene
Concen: 170.61 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003458.D
Acq: 23 Jun 2018 14:19

Tgt Ion:112 Resp: 1034479
Ion Ratio Lower Upper
112 100
114 32.3 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

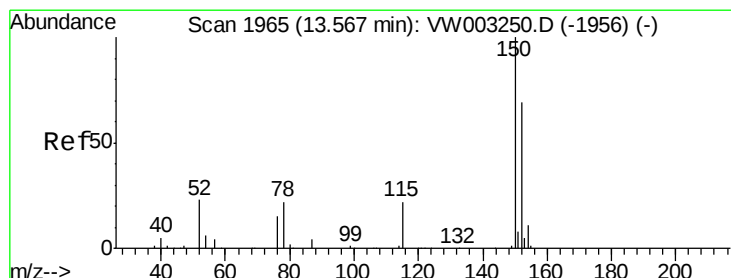
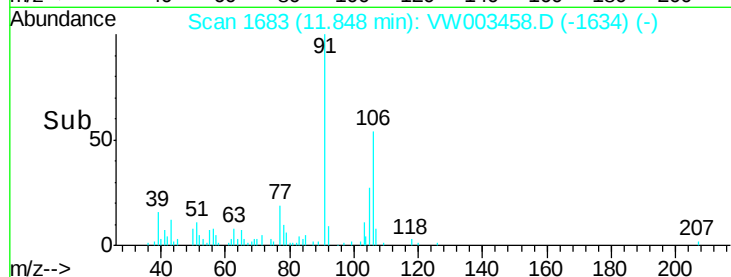
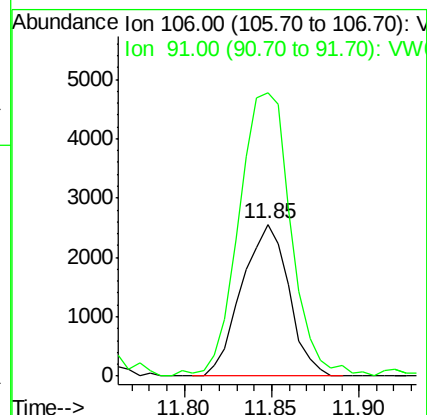
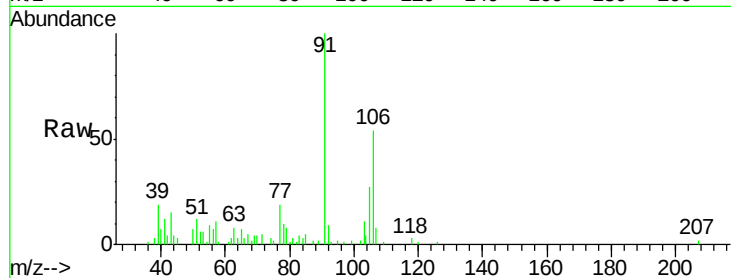




#68
m/p-Xvlenes
Concen: 1.17 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003458.D
Acq: 23 Jun 2018 14:19

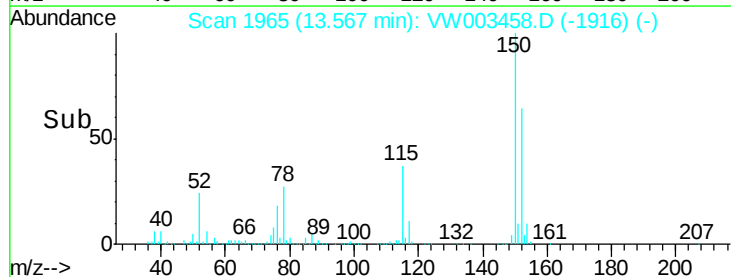
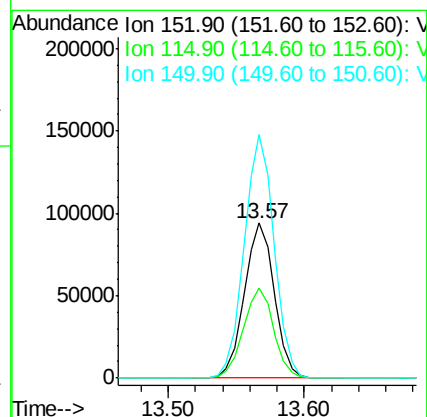
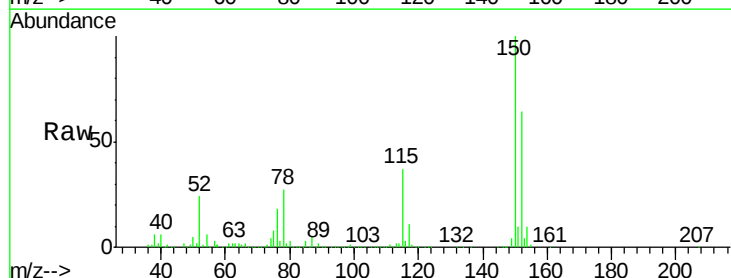
Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619

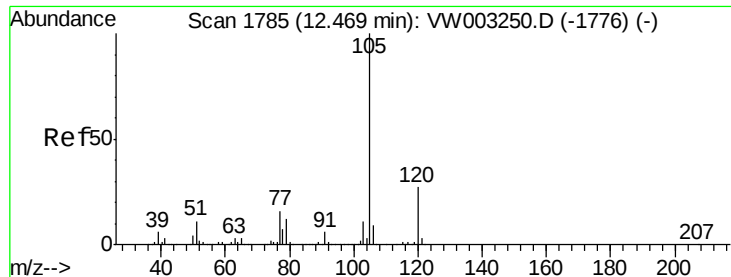
Tot Ion:106 Resp: 4795
Ion Ratio Lower Upper
106 100
91 207.5 165.4 248.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003458.D
Acq: 23 Jun 2018 14:19

Tgt Ion:152 Resp: 144424
Ion Ratio Lower Upper
152 100
115 58.6 29.3 88.0
150 157.2 0.0 349.6





#73

Isopropylbenzene

Concen: 1.05 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003458.D

Acq: 23 Jun 2018 14:19

Instrument :

MSVOA_W

ClientSampleId :

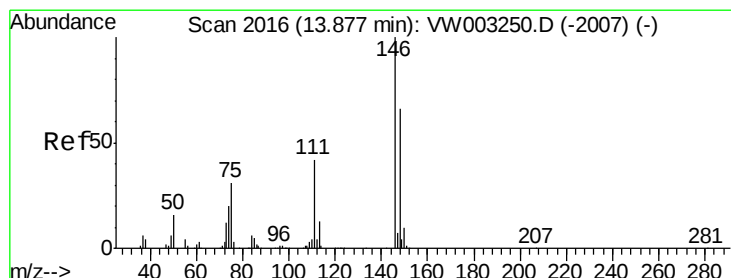
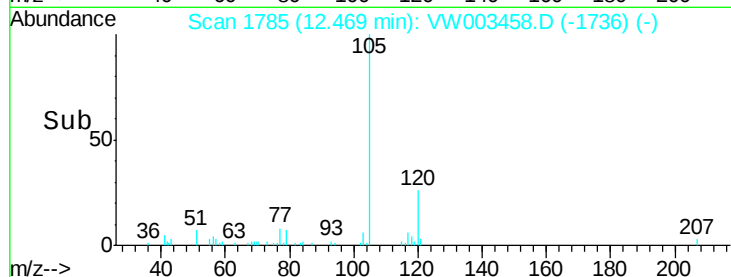
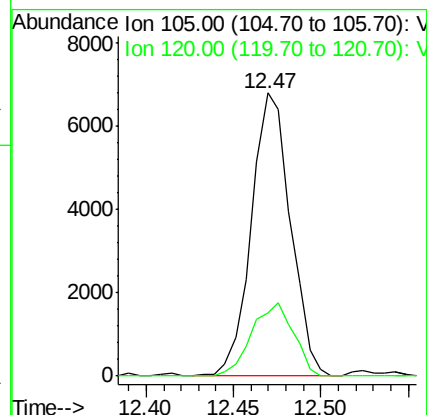
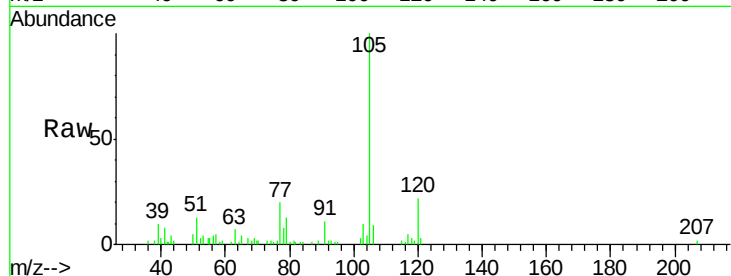
WP021SB482-15-17-180619

Tot Ion:105 Resp: 10576

Ion Ratio Lower Upper

105 100

120 27.5 13.2 39.6



#91

1,2-Dichlorobenzene

Concen: 1.29 ug/l

RT: 13.88 min Scan# 2017

Delta R.T. 0.01 min

Lab File: VW003458.D

Acq: 23 Jun 2018 14:19

Tgt Ion:146 Resp: 5436

Ion Ratio Lower Upper

146 100

111 47.5 20.3 61.0

148 68.0 32.3 96.9

