

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112718\
 Data File : VW007097.D
 Acq On : 27 Nov 2018 19:18
 Operator : VAY/AP
 Sample : J6074-07
 Misc : 7.79G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 004-WC-NY4

Quant Time: Nov 28 01:39:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	86612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	136426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	96206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	30797	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	44050	51.95	ug/l	0.00
Spiked Amount			Recovery	=	103.90%	
35) Dibromofluoromethane	7.89	113	37426	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
50) Toluene-d8	10.33	98	118832	34.93	ug/l	0.00
Spiked Amount			Recovery	=	69.86%	
62) 4-Bromofluorobenzene	12.62	95	42250	31.56	ug/l	0.00
Spiked Amount			Recovery	=	63.12%	

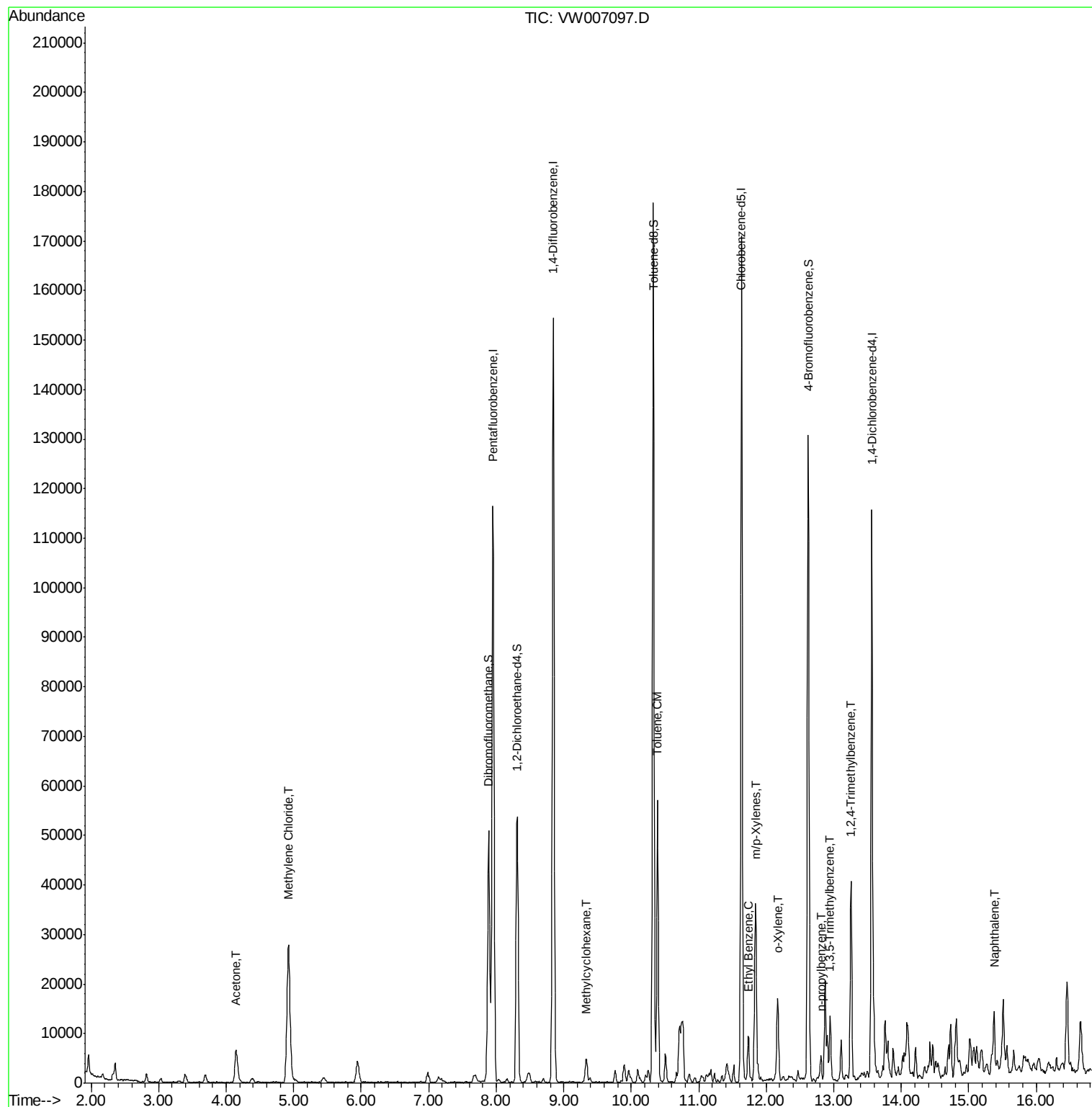
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	12538	101.84	ug/l	93
20) Methylene Chloride	4.92	84	22568	19.73	ug/l	97
39) Methylcyclohexane	9.34	83	1833	1.10	ug/l	86
52) Toluene	10.39	92	23954	9.78	ug/l	98
67) Ethyl Benzene	11.74	91	6727	1.82	ug/l	90
68) m/p-Xylenes	11.84	106	10278	7.10	ug/l	99
69) o-Xylene	12.17	106	4606	3.38	ug/l	100
78) n-propylbenzene	12.81	91	4464	1.54	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	6173	2.98	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	23467	11.38	ug/l	97
95) Naphthalene	15.38	128	11069	10.06	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007097.D

Acq: 27 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

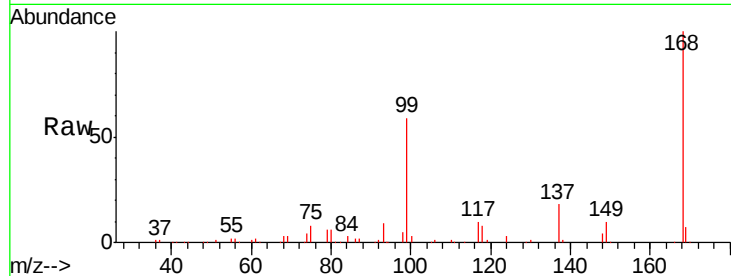
004-WC-NY4

Tgt Ion:168 Resp: 86612

Ion Ratio Lower Upper

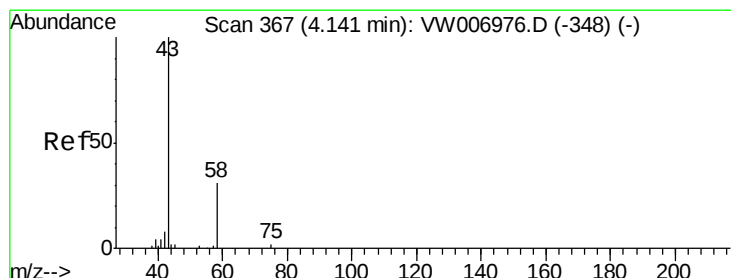
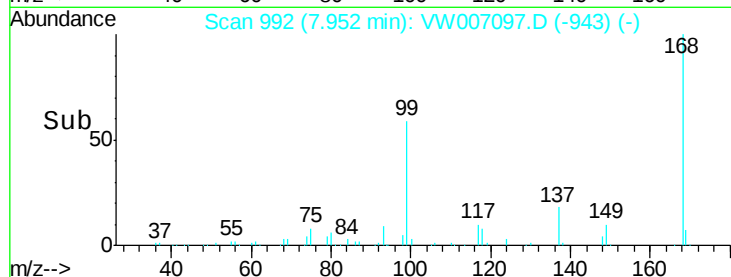
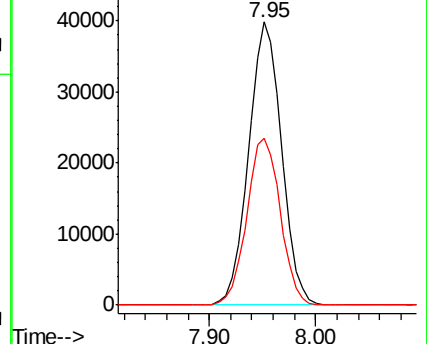
168 100

99 58.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 101.84 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW007097.D

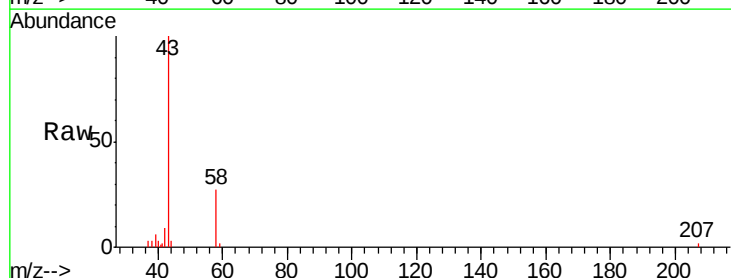
Acq: 27 Nov 2018 19:18

Tgt Ion: 43 Resp: 12538

Ion Ratio Lower Upper

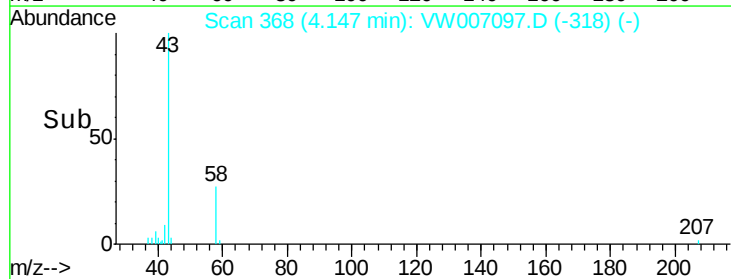
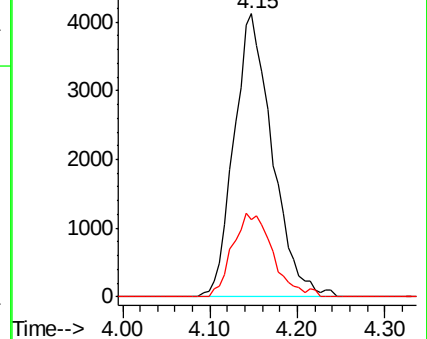
43 100

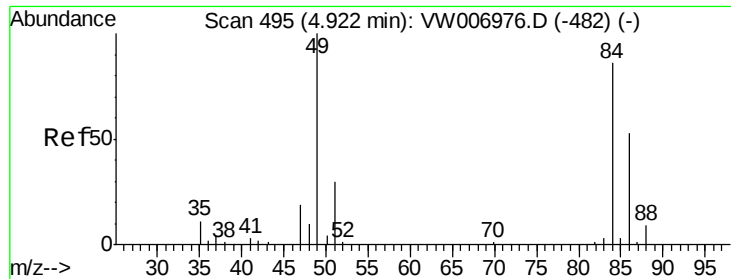
58 27.4 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

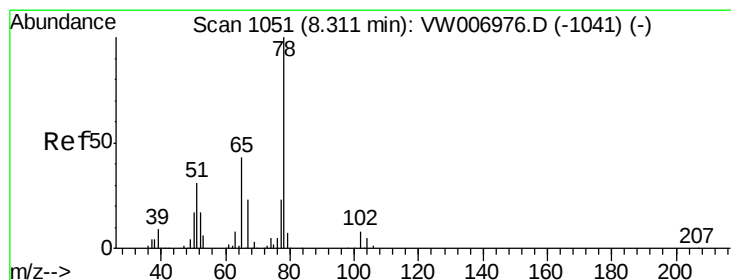
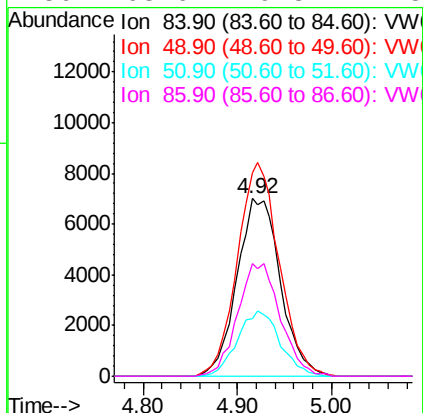
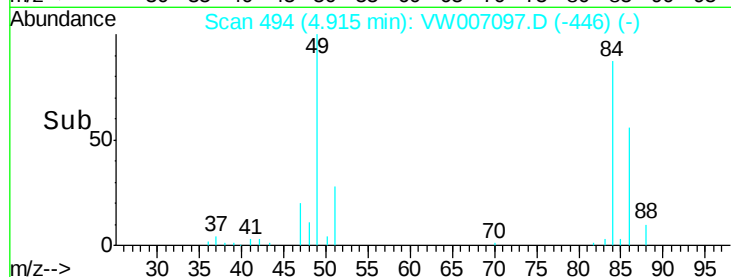
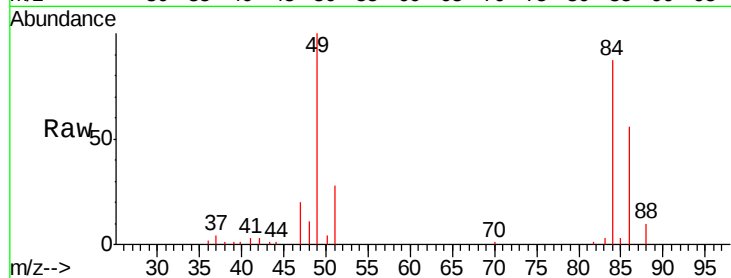




#20
Methylene Chloride
Concen: 19.73 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007097.D
Acq: 27 Nov 2018 19:18

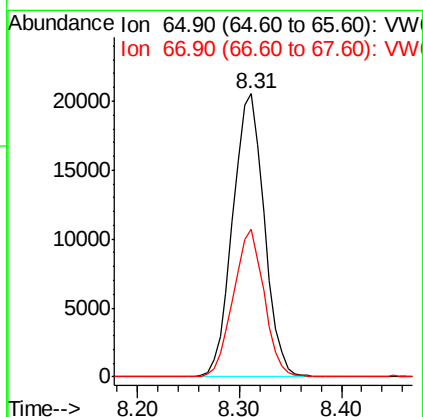
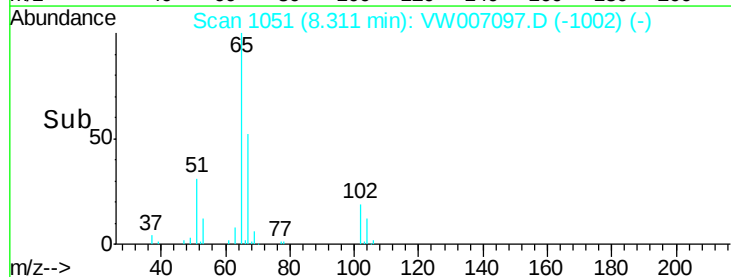
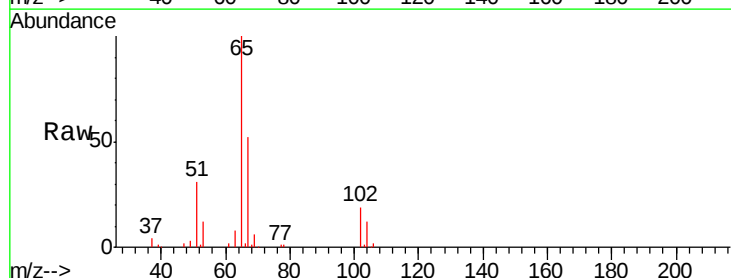
Instrument :
MSVOA_W
ClientSampleId :
004-WC-NY4

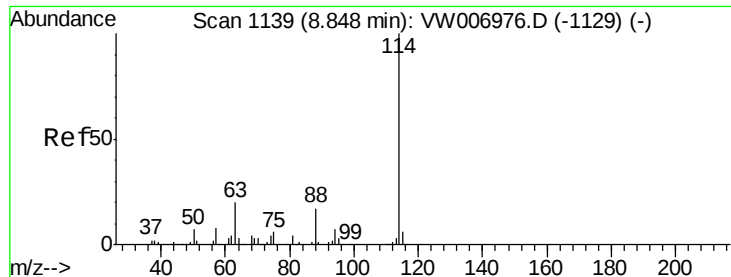
Tgt Ion:	84	Resp:	22568
Ion	Ratio	Lower	Upper
84	100		
49	114.4	93.4	140.0
51	32.3	28.4	42.6
86	63.6	49.8	74.8



#33
1,2-Dichloroethane-d4
Concen: 51.95 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007097.D
Acq: 27 Nov 2018 19:18

Tgt Ion:	65	Resp:	44050
Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	106.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW007097.D

Acq: 27 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

004-WC-NY4

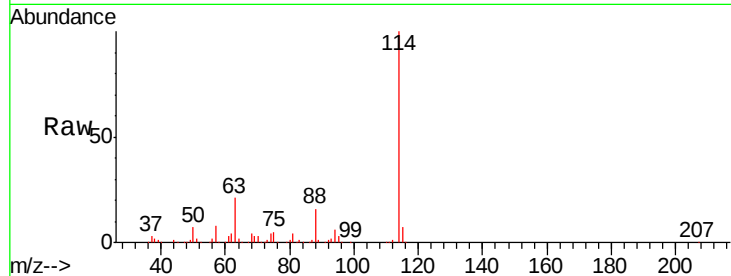
Tgt Ion:114 Resp: 136426

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.4

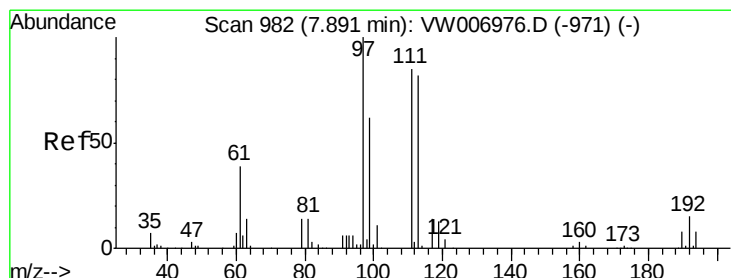
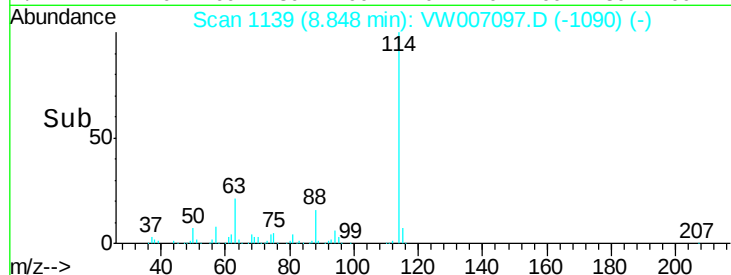
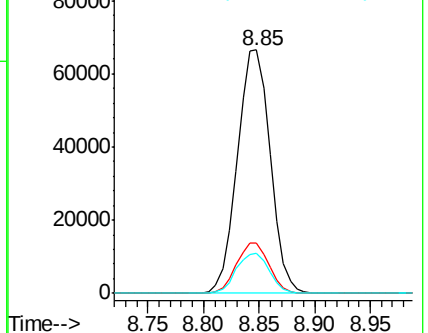
88 16.4 0.0 34.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 48.58 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW007097.D

Acq: 27 Nov 2018 19:18

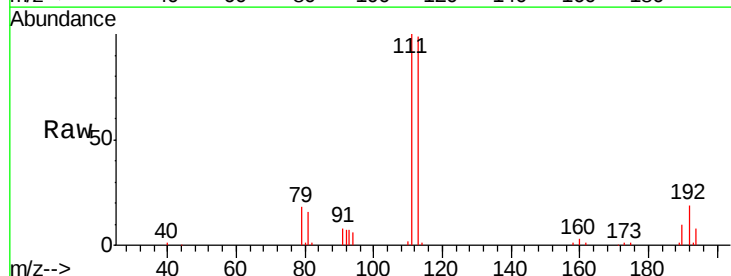
Tgt Ion:113 Resp: 37426

Ion Ratio Lower Upper

113 100

111 101.0 81.0 121.6

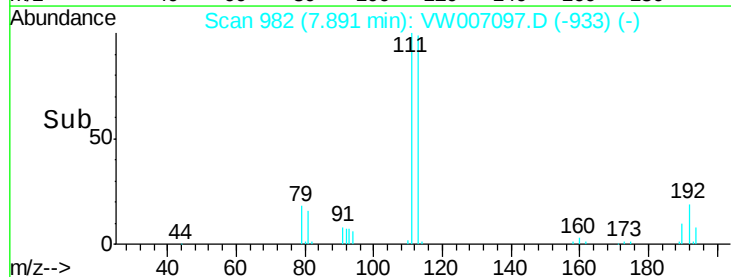
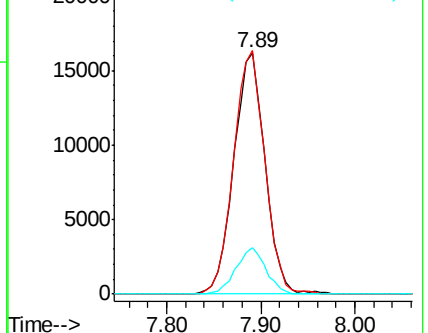
192 18.4 15.0 22.6

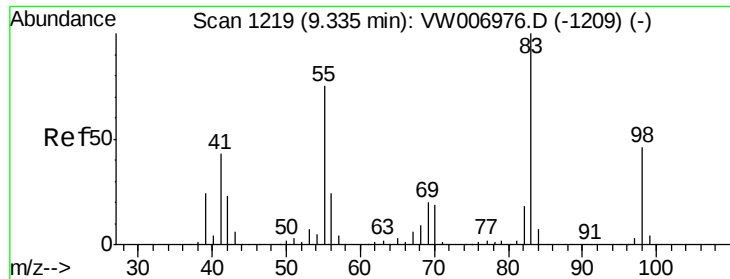


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

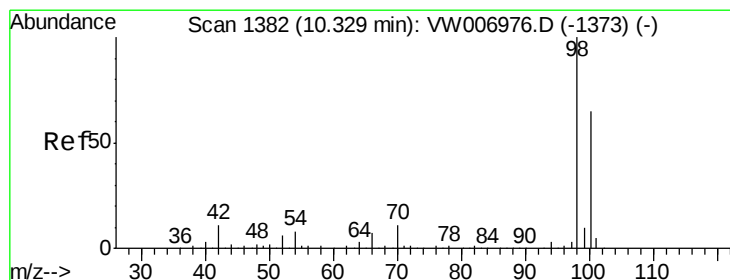
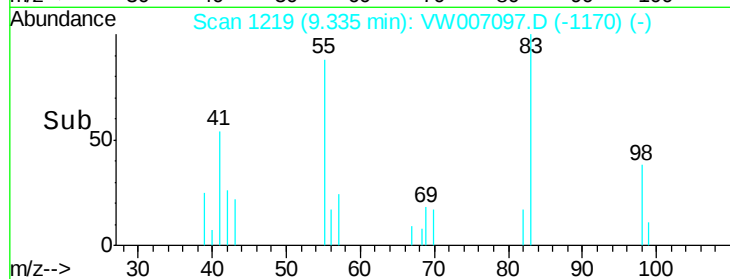
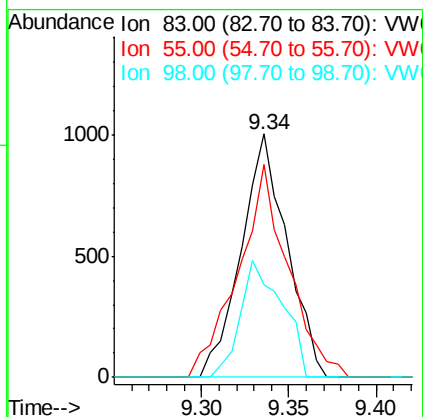
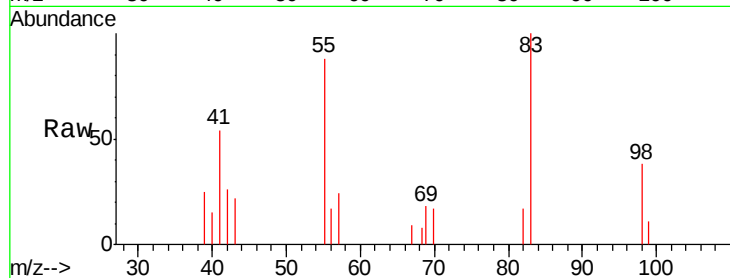




#39
Methylcyclohexane
Concen: 1.10 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007097.D
Acq: 27 Nov 2018 19:18

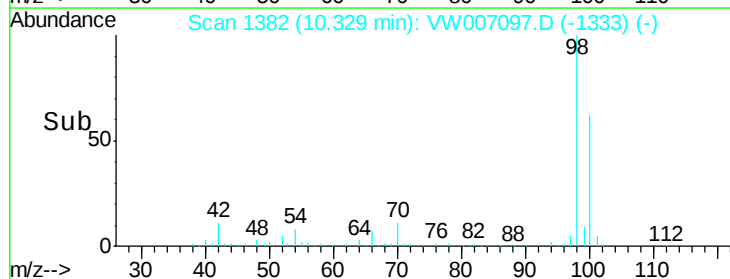
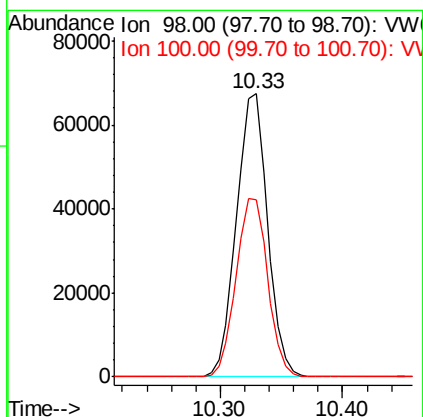
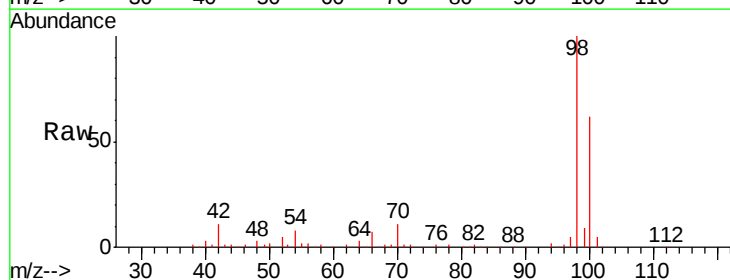
Instrument :
MSVOA_W
ClientSampleId :
004-WC-NY4

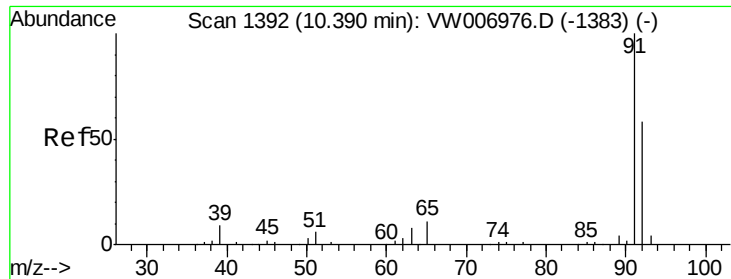
Tgt Ion: 83 Resp: 1833
Ion Ratio Lower Upper
83 100
55 87.6 59.6 89.4
98 37.9 37.1 55.7



#50
Toluene-d8
Concen: 34.93 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007097.D
Acq: 27 Nov 2018 19:18

Tgt Ion: 98 Resp: 118832
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2





#52

Toluene

Concen: 9.78 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007097.D

Acq: 27 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampled :

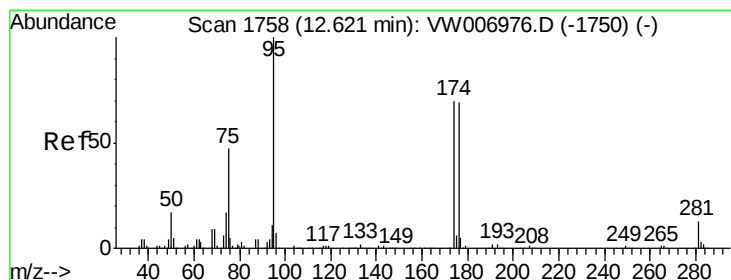
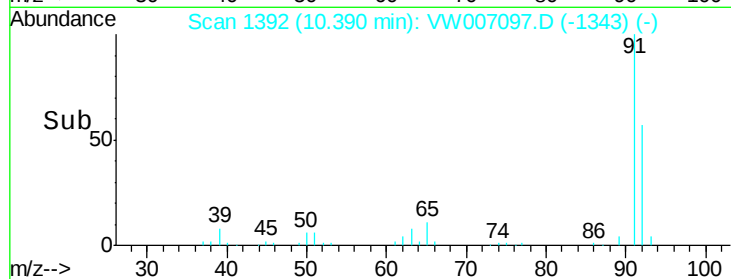
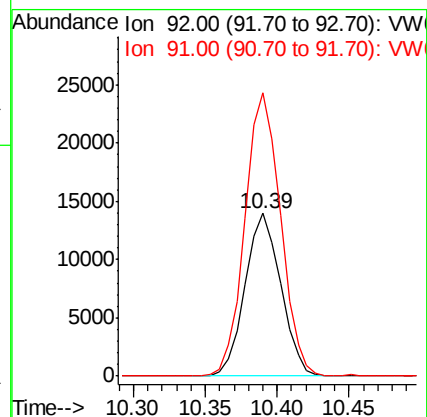
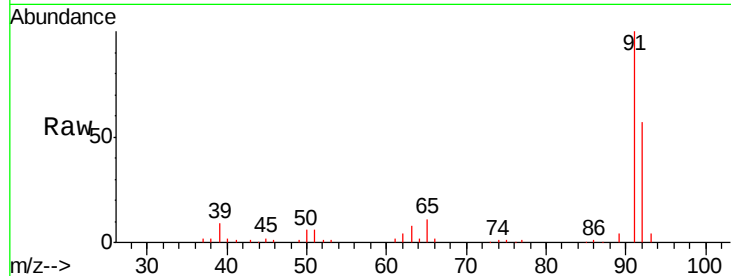
004-WC-NY4

Tgt Ion: 92 Resp: 23954

Ion Ratio Lower Upper

92 100

91 174.4 137.3 205.9



#62

4-Bromofluorobenzene

Concen: 31.56 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007097.D

Acq: 27 Nov 2018 19:18

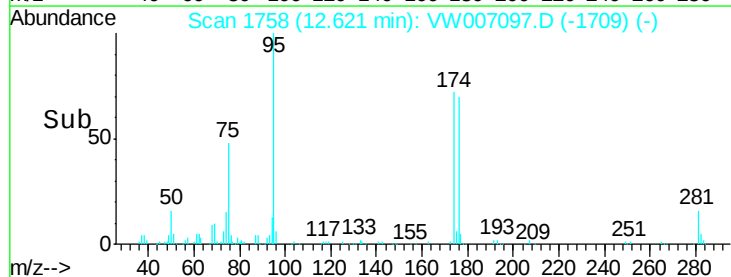
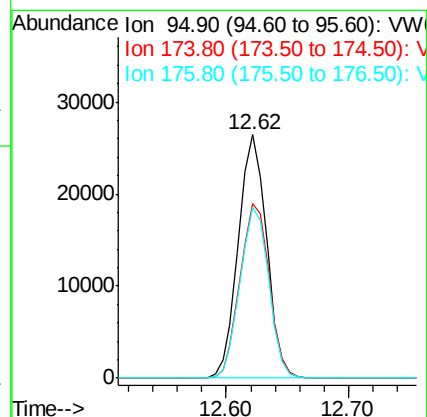
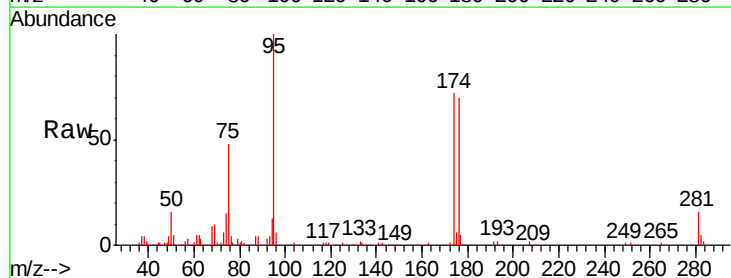
Tgt Ion: 95 Resp: 42250

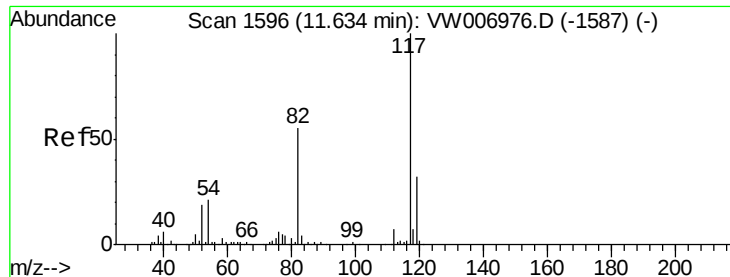
Ion Ratio Lower Upper

95 100

174 74.3 0.0 143.6

176 71.3 0.0 140.4

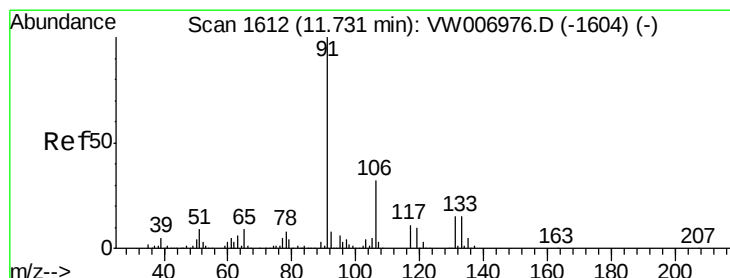
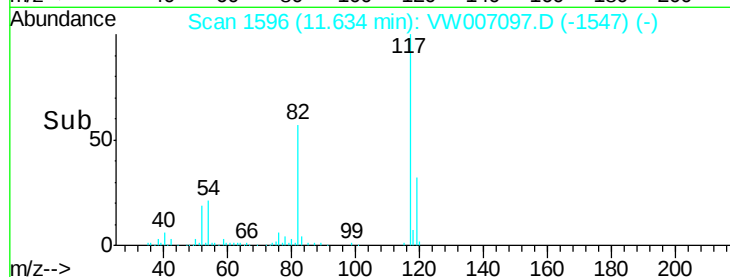
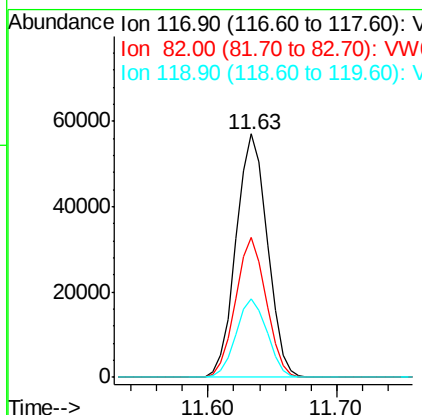
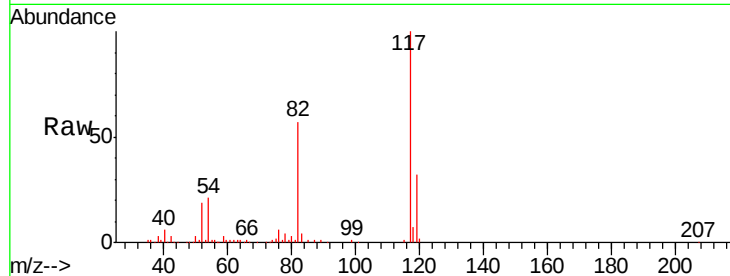




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007097.D
Acq: 27 Nov 2018 19:18

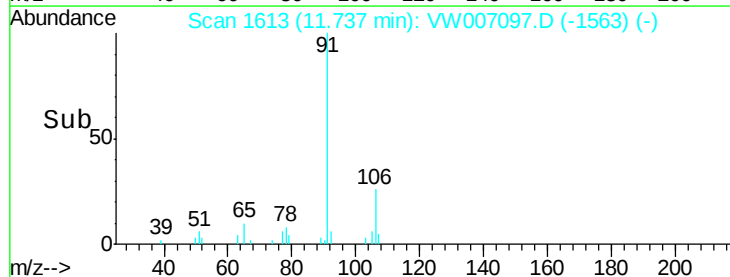
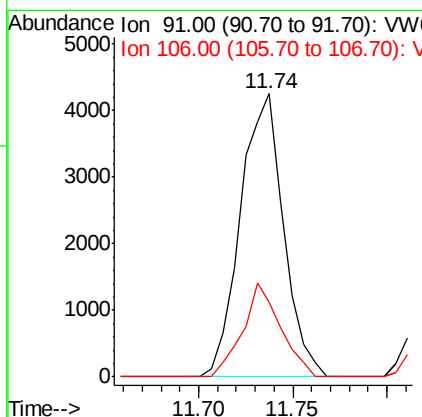
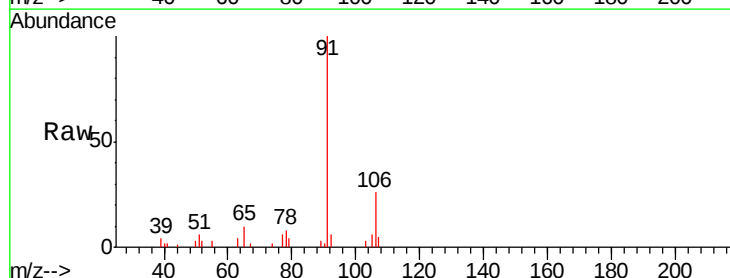
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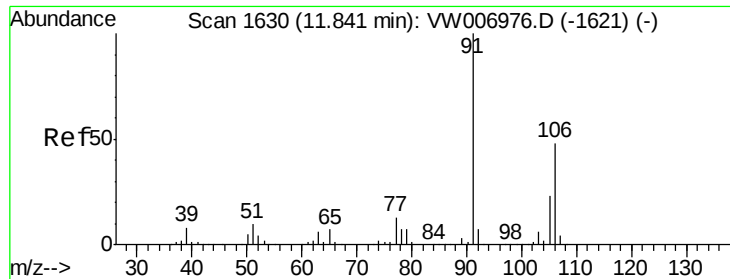
Tgt Ion: 117 Resp: 96206
Ion Ratio Lower Upper
117 100
82 57.3 44.2 66.2
119 32.0 25.9 38.9



#67
Ethyl Benzene
Concen: 1.82 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW007097.D
Acq: 27 Nov 2018 19:18

Tgt Ion: 91 Resp: 6727
Ion Ratio Lower Upper
91 100
106 26.5 25.4 38.2

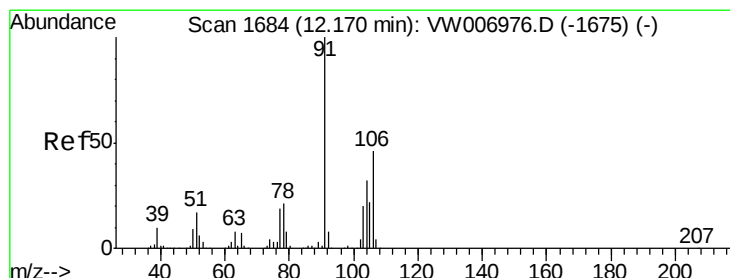
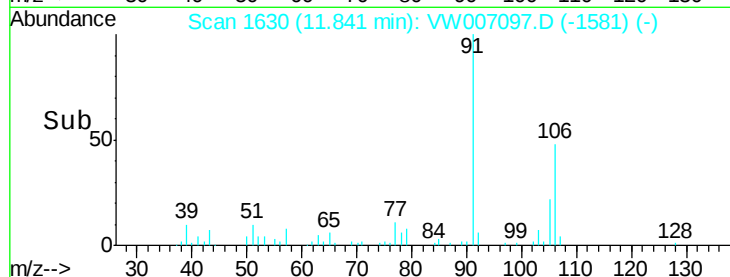
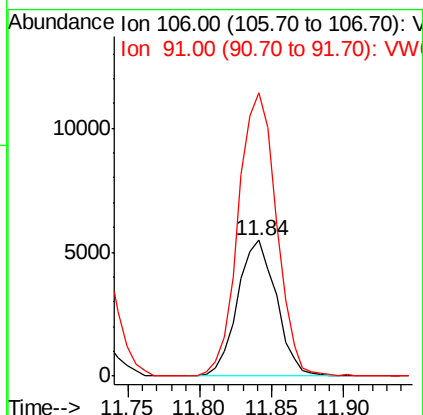
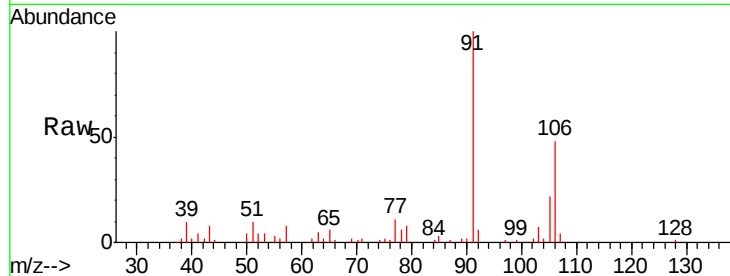




#68
m/p-Xylenes
Concen: 7.10 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007097.D
Acq: 27 Nov 2018 19:18

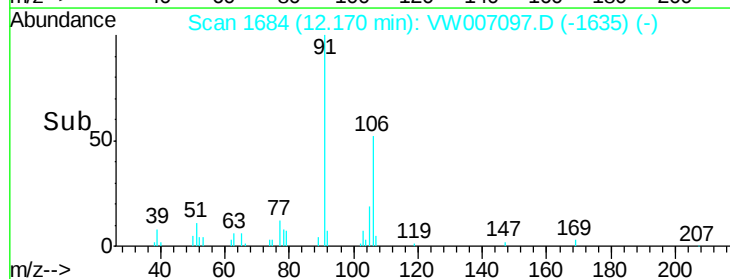
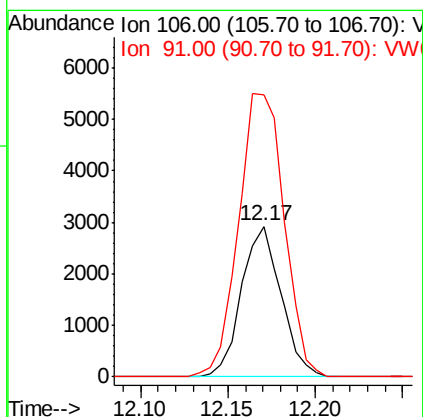
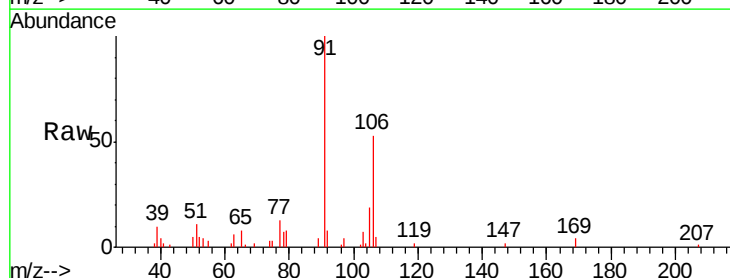
Instrument :
MSVOA_W
ClientSampleId :
004-WC-NY4

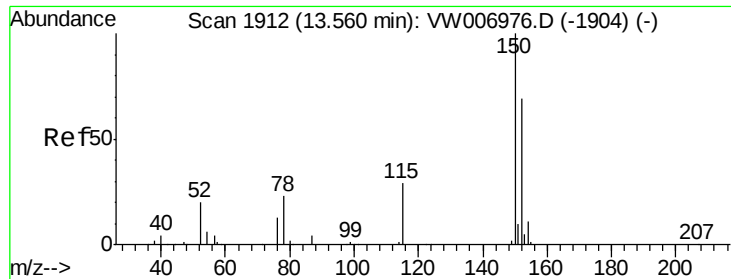
Tgt Ion:106 Resp: 10278
Ion Ratio Lower Upper
106 100
91 204.7 164.8 247.2



#69
o-Xylene
Concen: 3.38 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007097.D
Acq: 27 Nov 2018 19:18

Tgt Ion:106 Resp: 4606
Ion Ratio Lower Upper
106 100
91 215.7 107.9 323.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007097.D

Acq: 27 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

004-WC-NY4

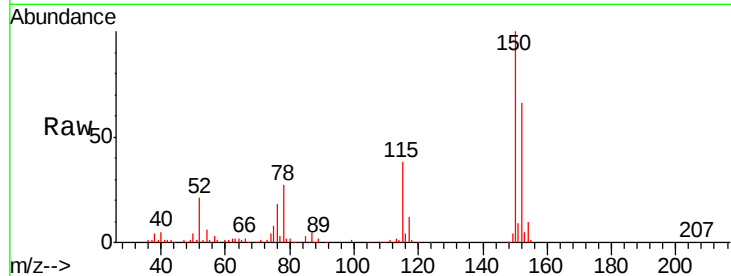
Tgt Ion:152 Resp: 30797

Ion Ratio Lower Upper

152 100

115 61.8 31.4 94.2

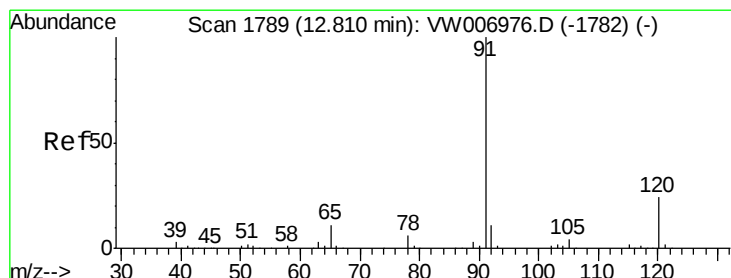
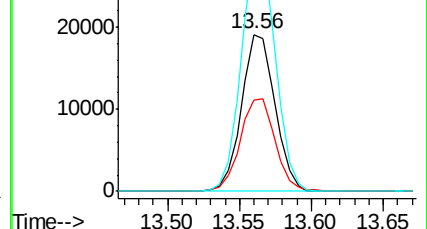
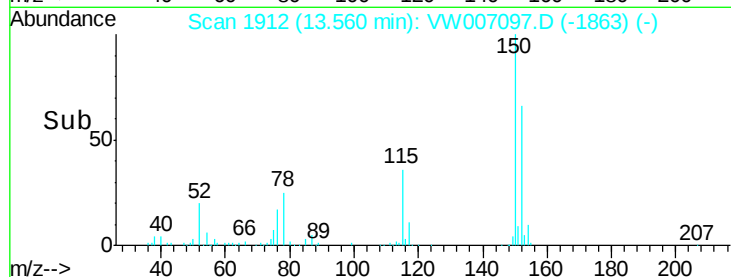
150 155.9 0.0 353.4



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



#78

n-propylbenzene

Concen: 1.54 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007097.D

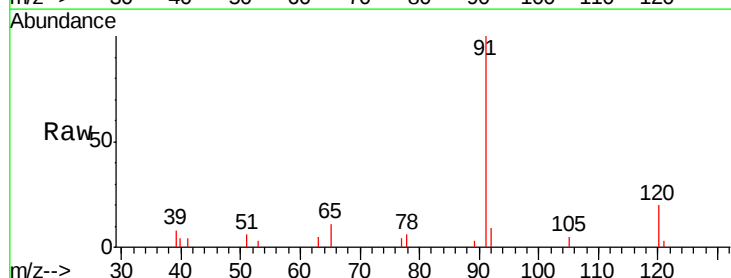
Acq: 27 Nov 2018 19:18

Tgt Ion: 91 Resp: 4464

Ion Ratio Lower Upper

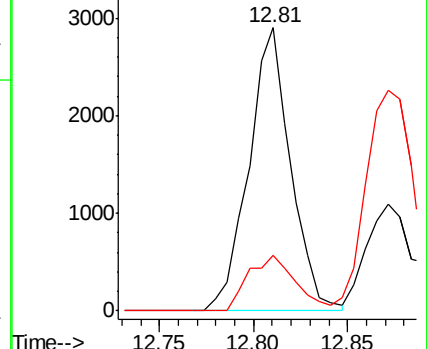
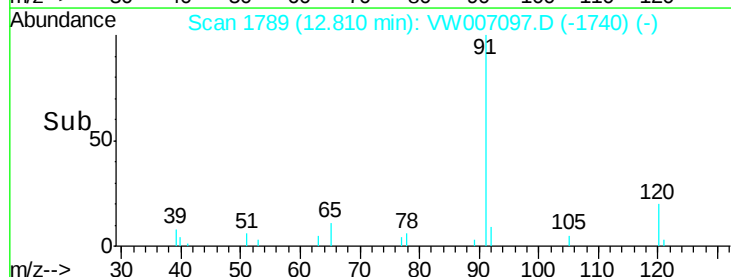
91 100

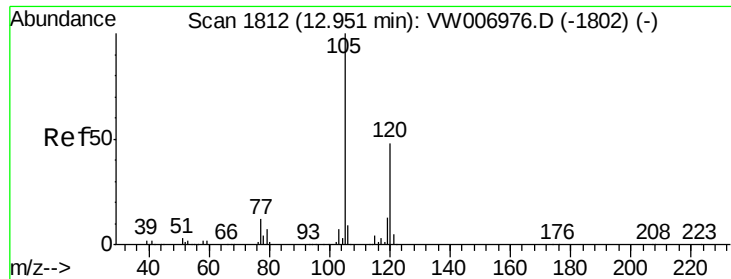
120 22.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

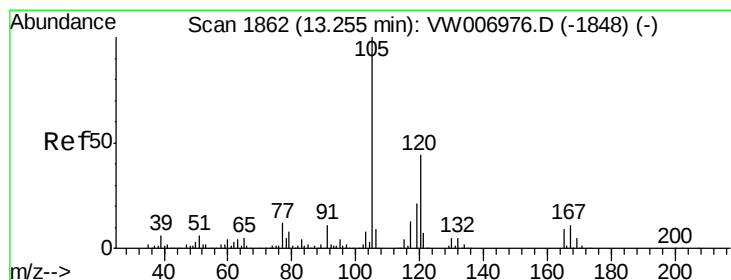
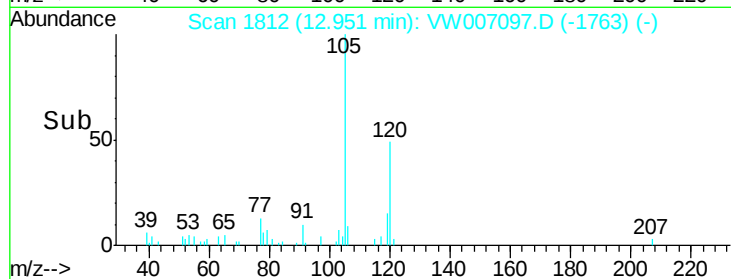
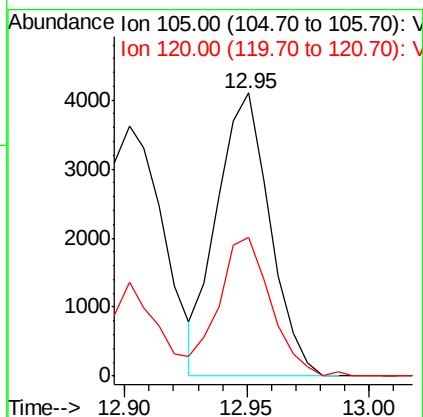
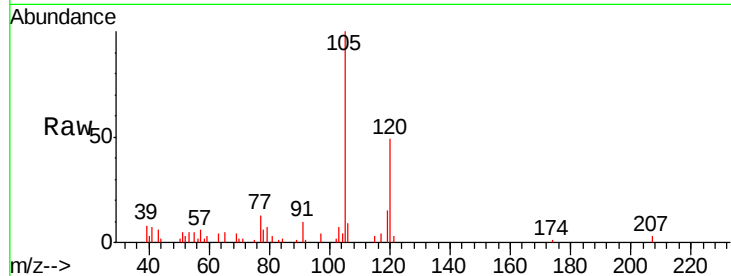




#80
 1,3,5-Trimethylbenzene
 Concen: 2.98 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW007097.D
 Acq: 27 Nov 2018 19:18

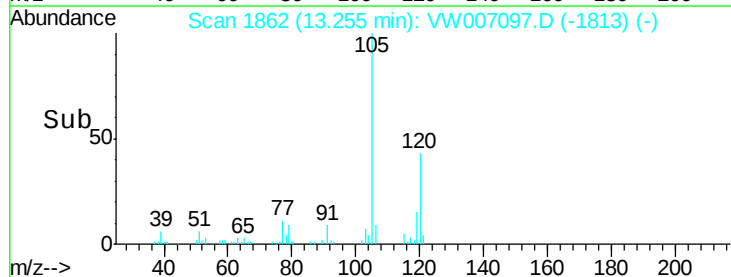
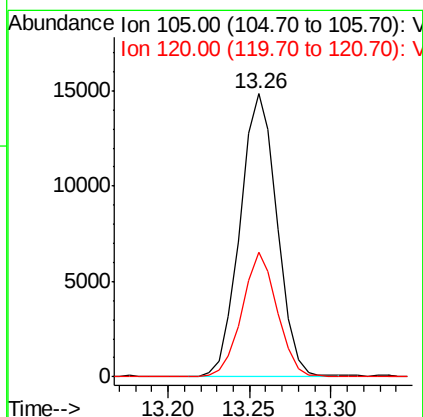
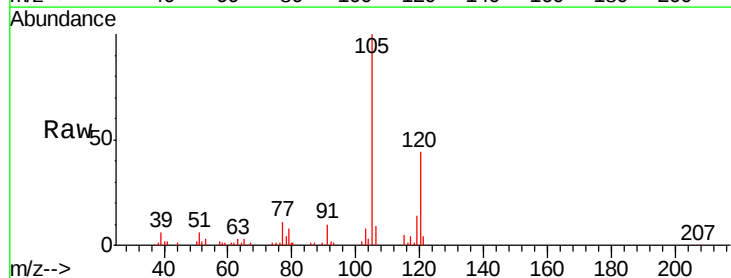
Instrument :
 MSVOA_W
 ClientSampleId :
 004-WC-NY4

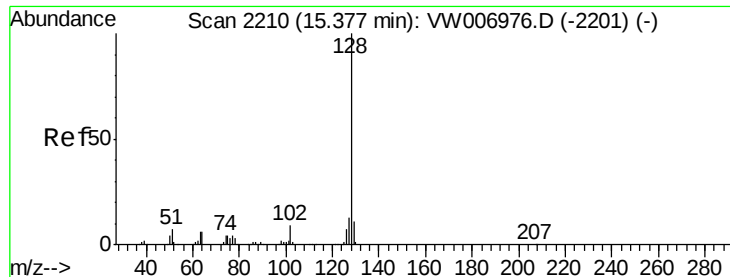
Tgt Ion:105 Resp: 6173
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.8 71.2



#84
 1,2,4-Trimethylbenzene
 Concen: 11.38 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007097.D
 Acq: 27 Nov 2018 19:18

Tgt Ion:105 Resp: 23467
 Ion Ratio Lower Upper
 105 100
 120 41.8 21.8 65.3





#95

Naphthalene

Concen: 10.06 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW007097.D

Acq: 27 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

004-WC-NY4

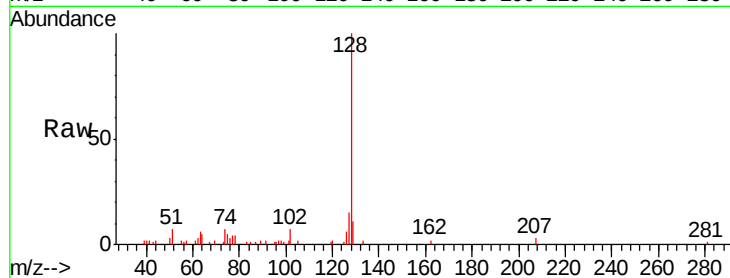
Tgt Ion:128 Resp: 11069

Ion Ratio Lower Upper

128 100

127 14.0 10.5 15.7

129 11.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

