

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112718\
 Data File : VW007095.D
 Acq On : 27 Nov 2018 18:27
 Operator : VAY/AP
 Sample : J6074-03
 Misc : 6.27G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 002-WC-NY6

Quant Time: Nov 28 01:35:02 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	7.96	168	21344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	33717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	24972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	7861	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	9569	45.79	ug/l	0.00
Spiked Amount			Recovery	=	91.58%	
35) Dibromofluoromethane	7.88	113	8272	43.44	ug/l	0.00
Spiked Amount			Recovery	=	86.88%	
50) Toluene-d8	10.33	98	36492	43.40	ug/l	0.00
Spiked Amount			Recovery	=	86.80%	
62) 4-Bromofluorobenzene	12.62	95	10764	32.53	ug/l	0.00
Spiked Amount			Recovery	=	65.06%	

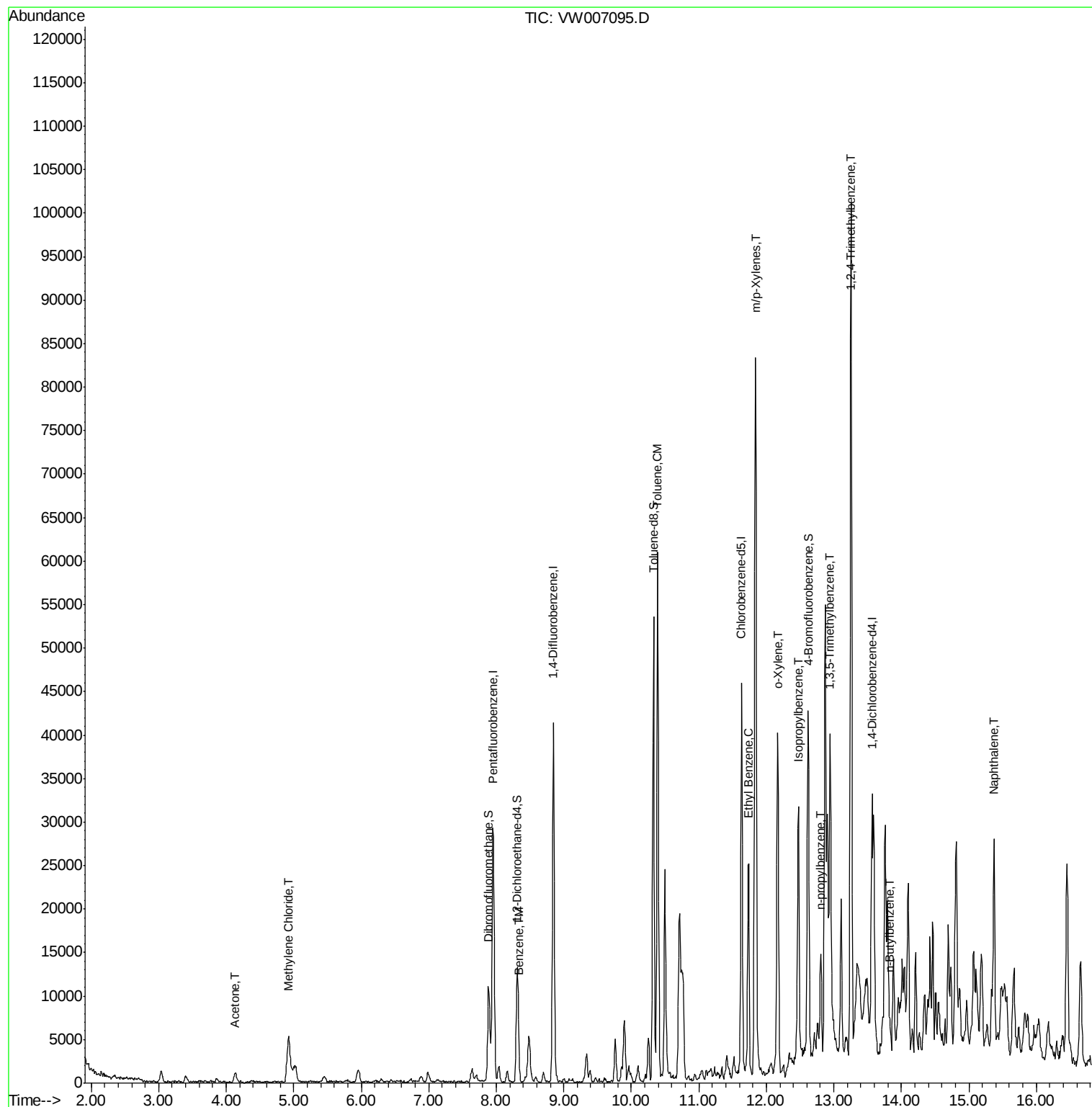
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	2290	75.48	ug/l	90
20) Methylene Chloride	4.92	84	4018	12.58	ug/l	96
40) Benzene	8.34	78	2788	3.13	ug/l	99
52) Toluene	10.39	92	26049	43.04	ug/l	98
67) Ethyl Benzene	11.73	91	17863	18.66	ug/l	98
68) m/p-Xylenes	11.84	106	25892	68.93	ug/l	97
69) o-Xylene	12.17	106	10523	29.71	ug/l	98
73) Isopropylbenzene	12.47	105	3381	5.53	ug/l	85
78) n-propylbenzene	12.81	91	10553	14.26	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	14411	27.28	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	53172	101.02	ug/l	98
89) n-Butylbenzene	13.83	91	1663	3.10	ug/l #	72
95) Naphthalene	15.38	128	19022	67.70	ug/l #	94

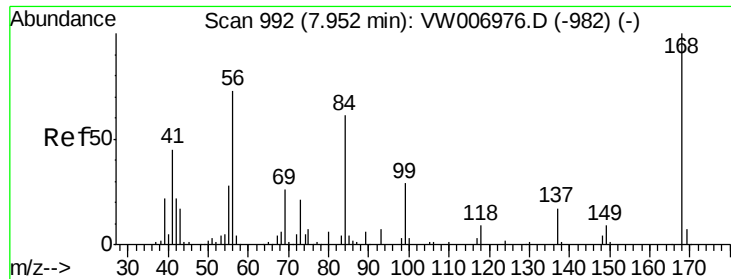
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW007095.D

Acq: 27 Nov 2018 18:27

Instrument :

MSVOA_W

ClientSampleId :

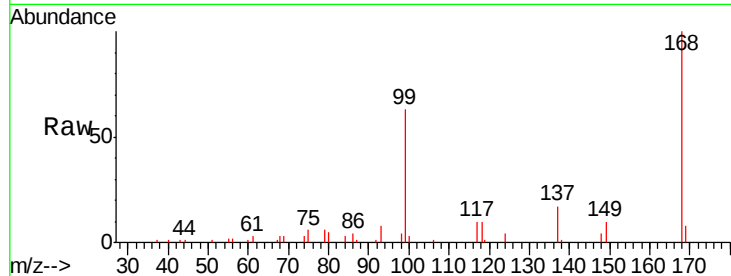
002-WC-NY6

Tgt Ion:168 Resp: 21344

Ion Ratio Lower Upper

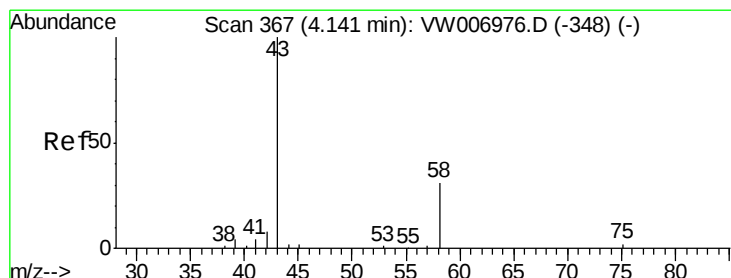
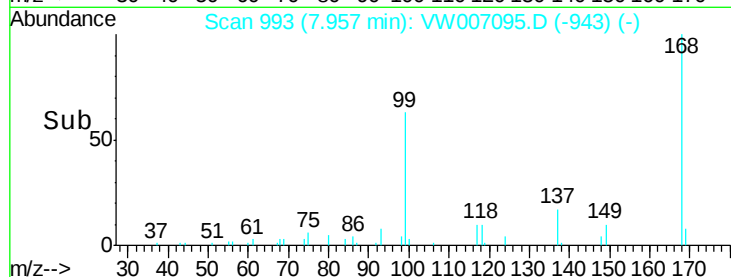
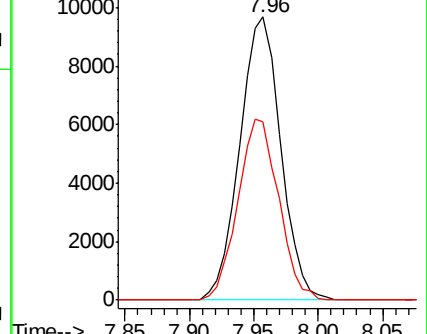
168 100

99 62.9 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: 75.48 ug/l

RT: 4.13 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW007095.D

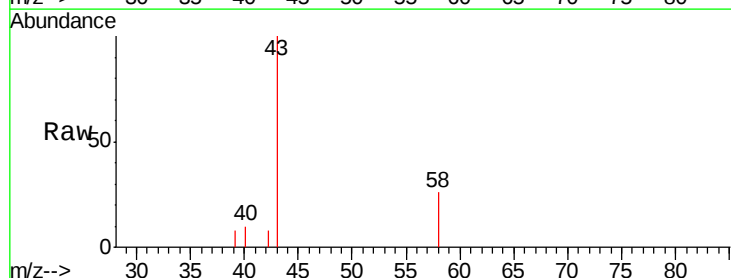
Acq: 27 Nov 2018 18:27

Tgt Ion: 43 Resp: 2290

Ion Ratio Lower Upper

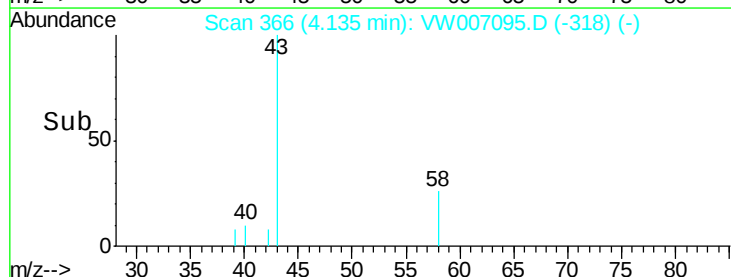
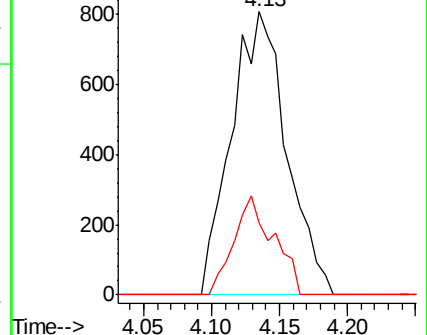
43 100

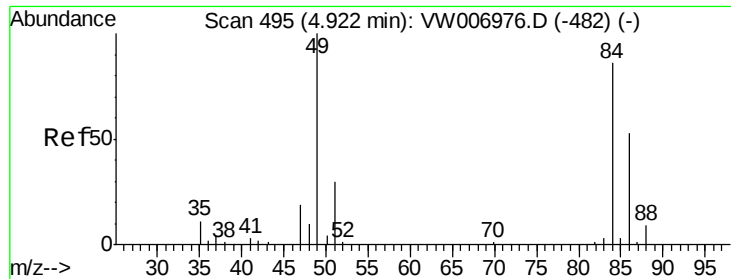
58 25.7 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

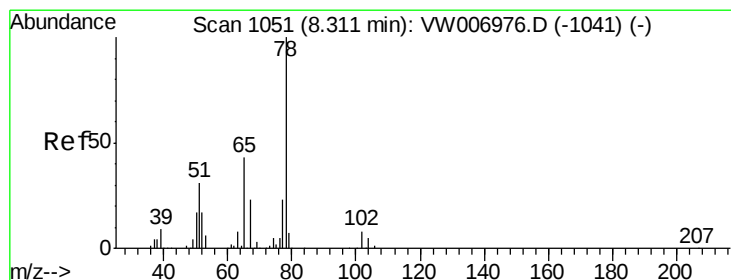
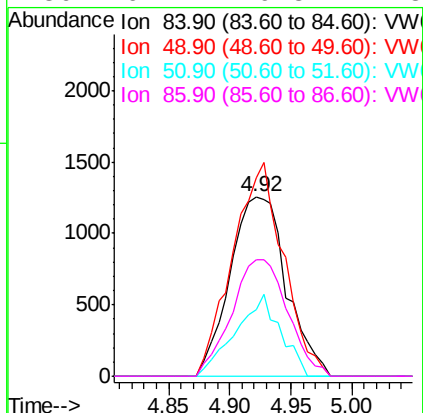
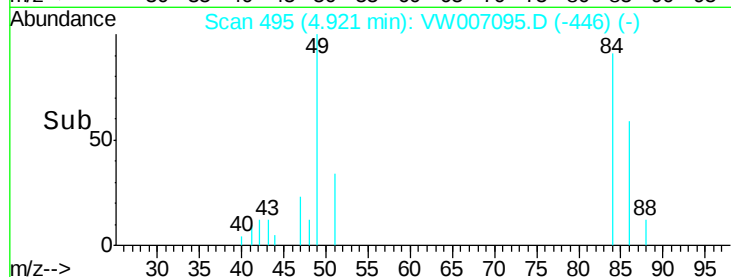
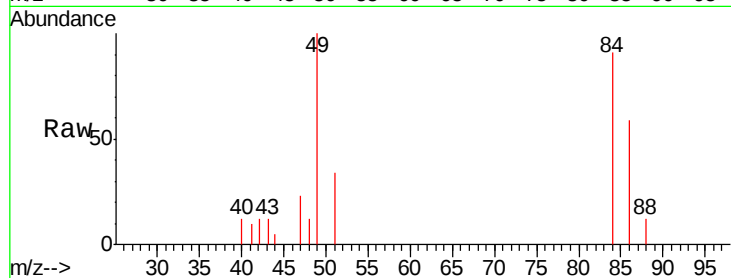




#20
Methylene Chloride
Concen: 12.58 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007095.D
Acq: 27 Nov 2018 18:27

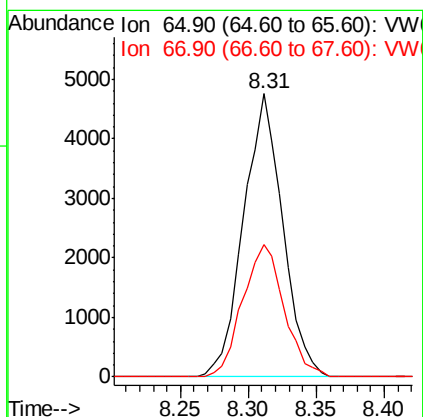
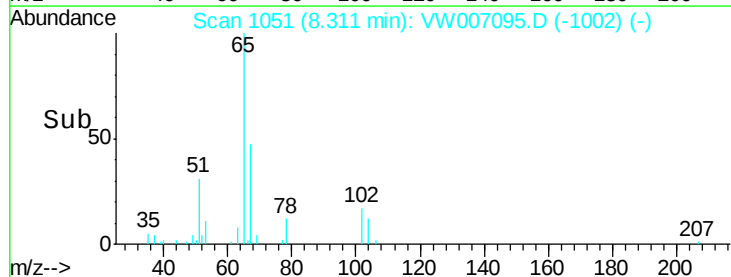
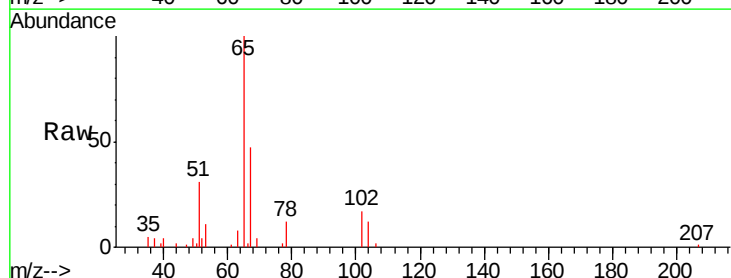
Instrument :
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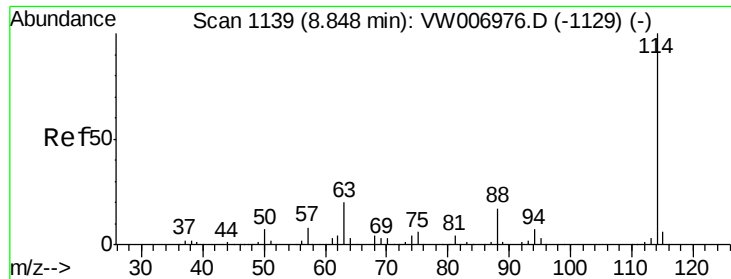
Tgt Ion: 84 Resp: 4018
Ion Ratio Lower Upper
84 100
49 110.5 93.4 140.0
51 37.1 28.4 42.6
86 64.7 49.8 74.8



#33
1,2-Dichloroethane-d4
Concen: 45.79 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007095.D
Acq: 27 Nov 2018 18:27

Tgt Ion: 65 Resp: 9569
Ion Ratio Lower Upper
65 100
67 49.6 0.0 106.2

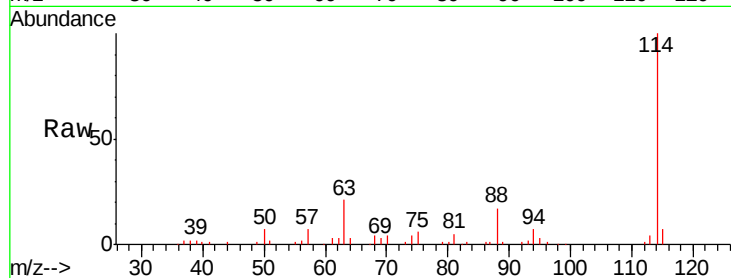




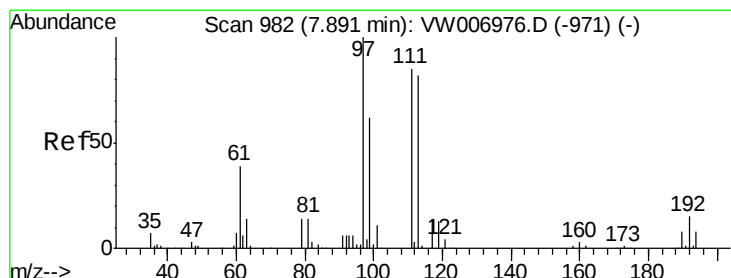
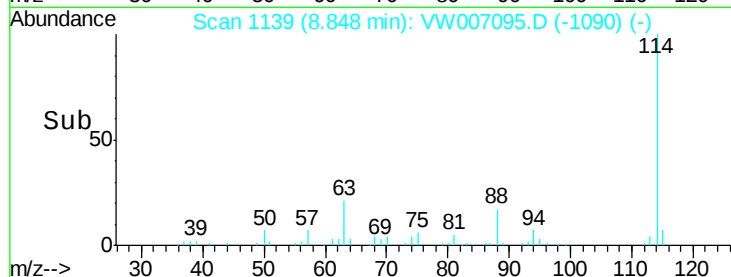
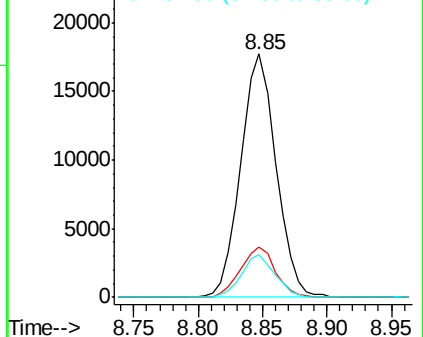
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007095.D
 Acq: 27 Nov 2018 18:27

Instrument :
 MSVOA_W
 ClientSampleId :
 002-WC-NY6

Tgt Ion:114 Resp: 33717
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.4
 88 17.4 0.0 34.2

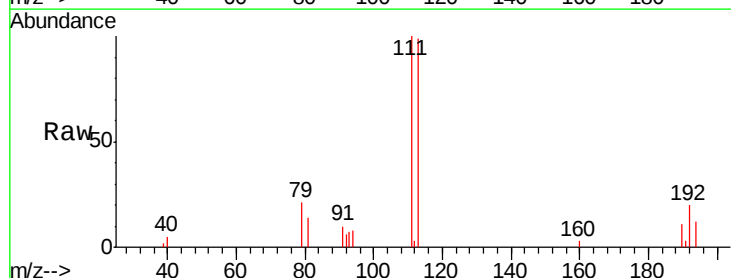


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

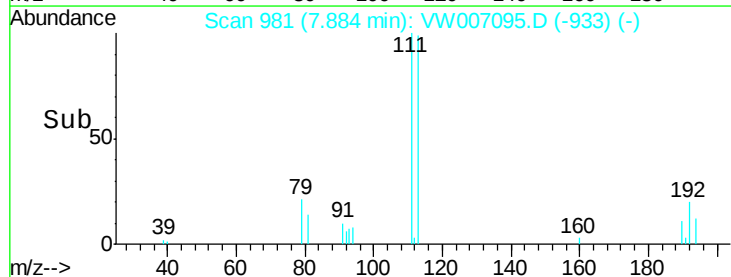
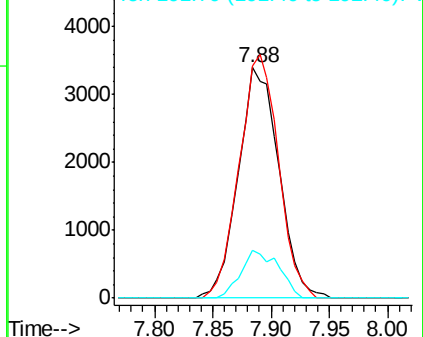


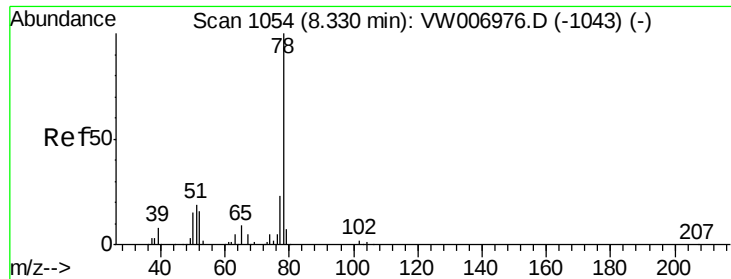
#35
 Dibromofluoromethane
 Concen: 43.44 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007095.D
 Acq: 27 Nov 2018 18:27

Tgt Ion:113 Resp: 8272
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.0 121.6
 192 19.3 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





#40

Benzene

Concen: 3.13 ug/l

RT: 8.34 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VW007095.D

Acq: 27 Nov 2018 18:27

Instrument :

MSVOA_W

ClientSampleId :

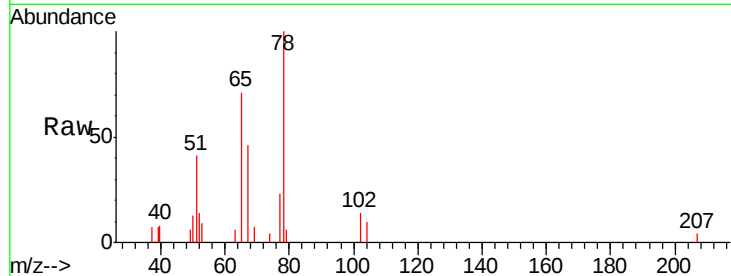
002-WC-NY6

Tgt Ion: 78 Resp: 2788

Ion Ratio Lower Upper

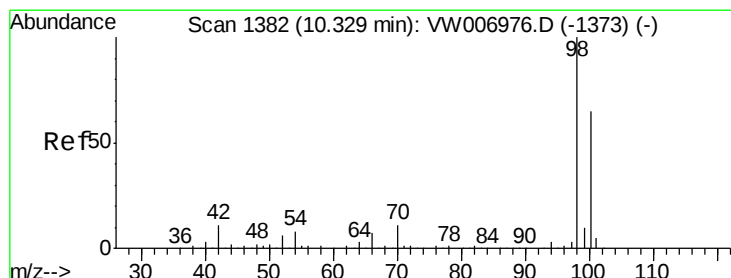
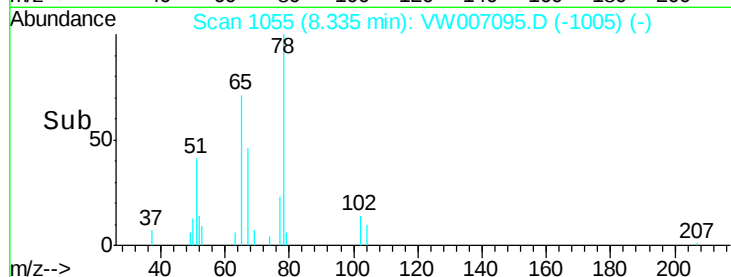
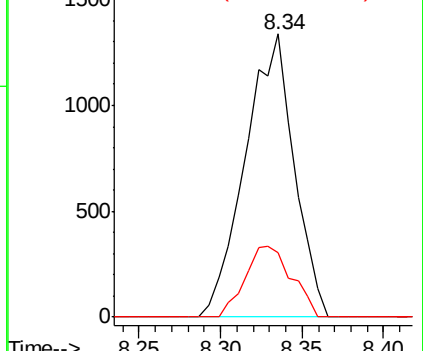
78 100

77 22.8 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW



#50

Toluene-d8

Concen: 43.40 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007095.D

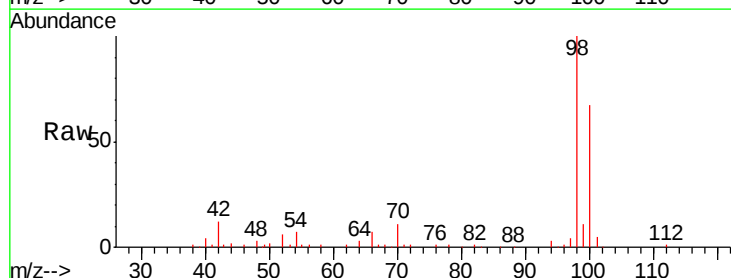
Acq: 27 Nov 2018 18:27

Tgt Ion: 98 Resp: 36492

Ion Ratio Lower Upper

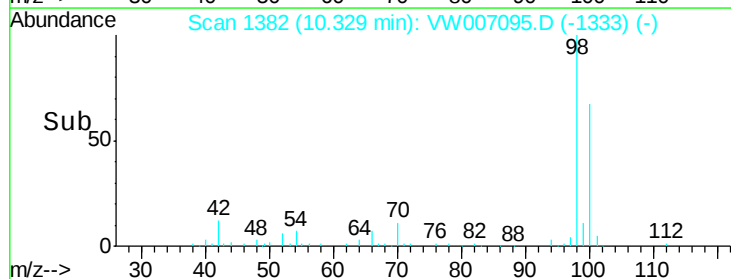
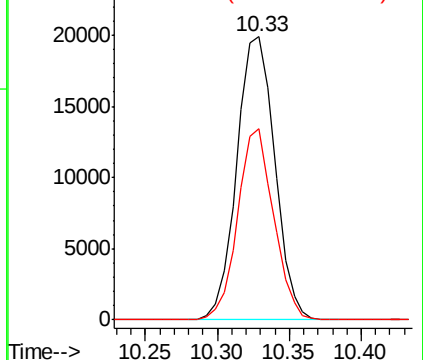
98 100

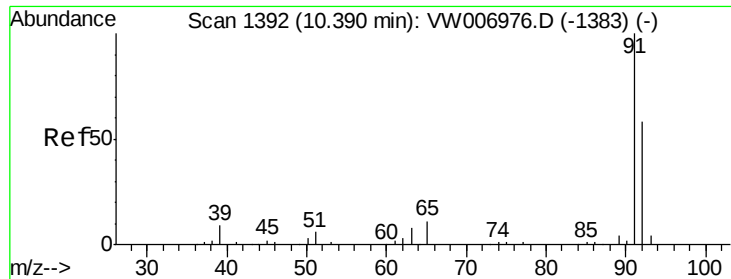
100 63.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 43.04 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007095.D

Acq: 27 Nov 2018 18:27

Instrument :

MSVOA_W

ClientSampleId :

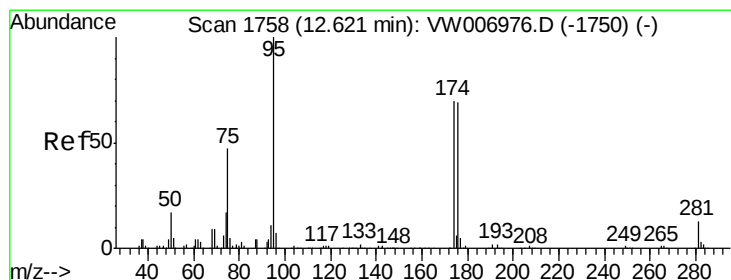
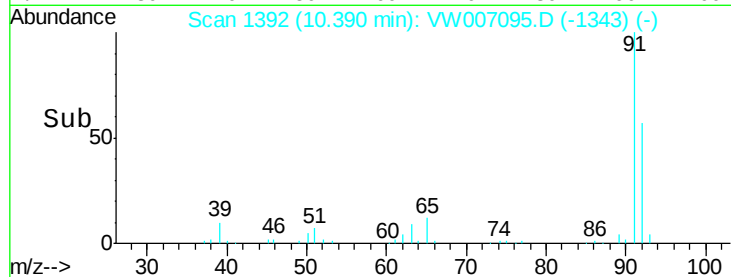
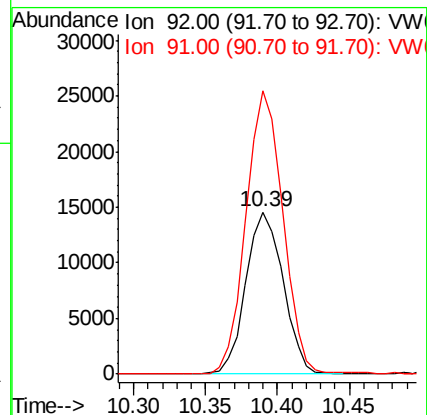
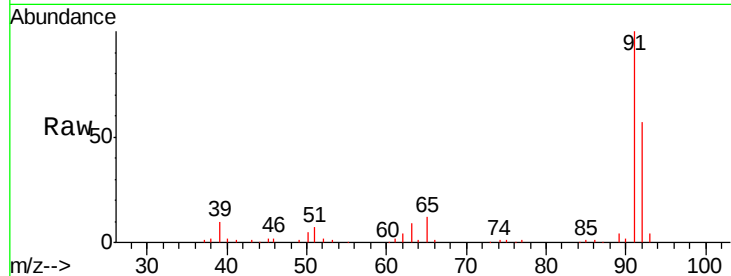
002-WC-NY6

Tgt Ion: 92 Resp: 26049

Ion Ratio Lower Upper

92 100

91 174.1 137.3 205.9



#62

4-Bromofluorobenzene

Concen: 32.53 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007095.D

Acq: 27 Nov 2018 18:27

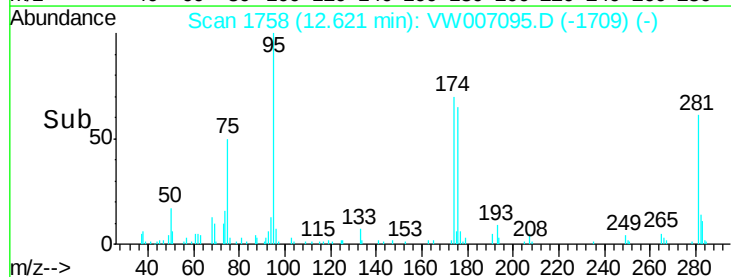
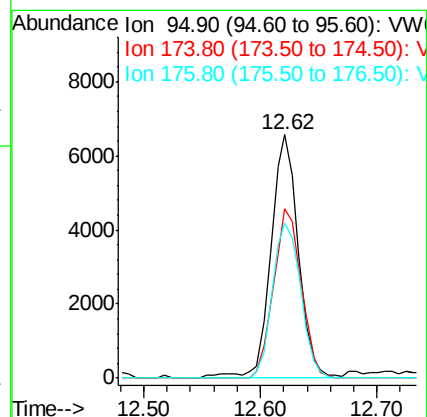
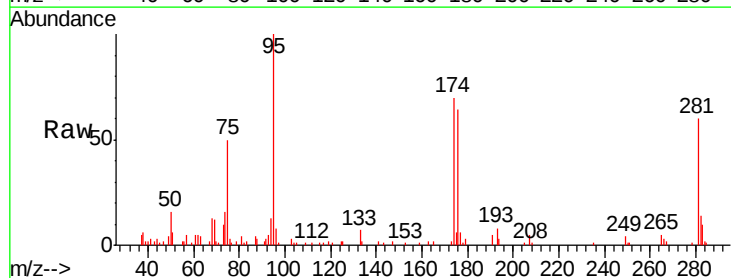
Tgt Ion: 95 Resp: 10764

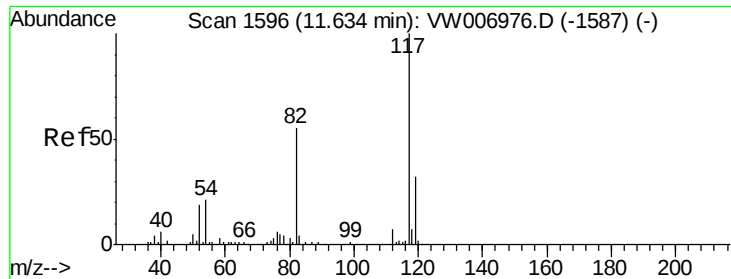
Ion Ratio Lower Upper

95 100

174 70.2 0.0 143.6

176 65.8 0.0 140.4

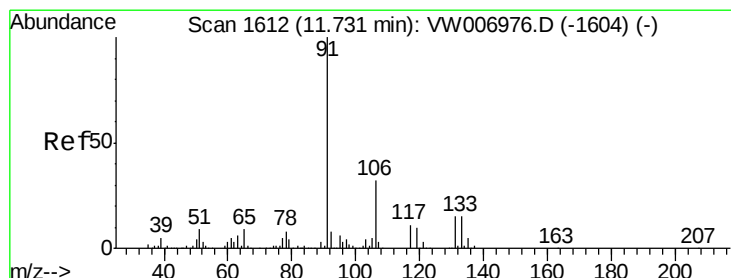
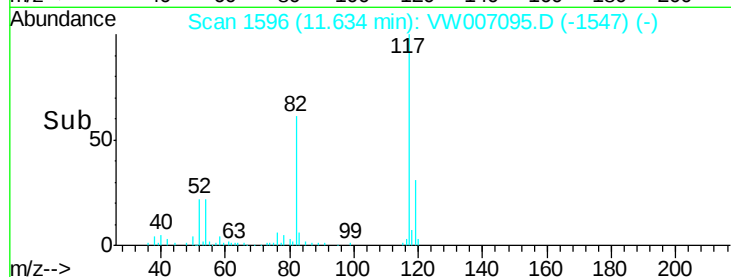
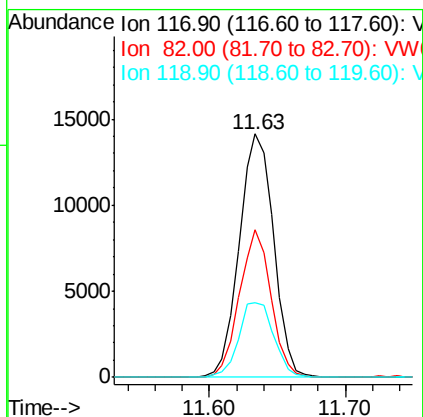
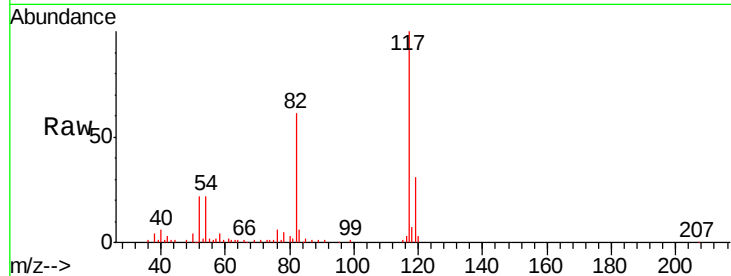




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007095.D
Acq: 27 Nov 2018 18:27

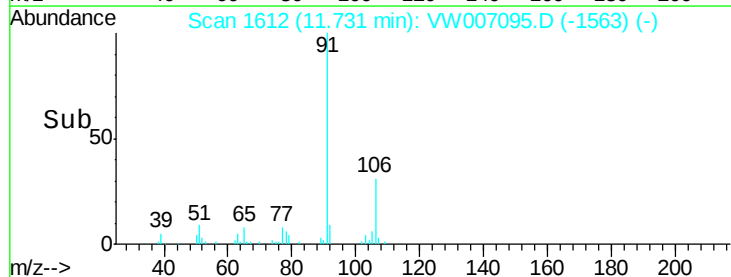
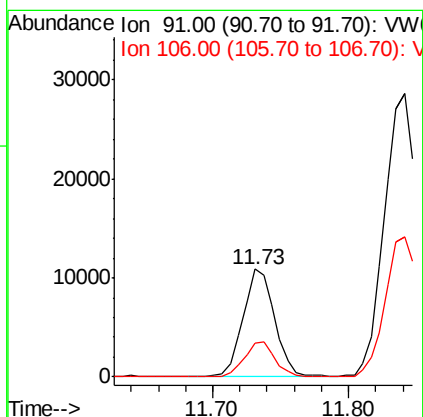
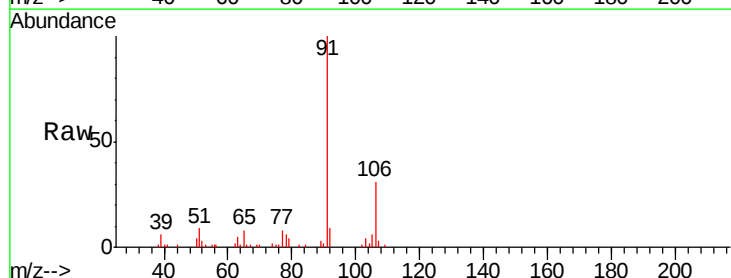
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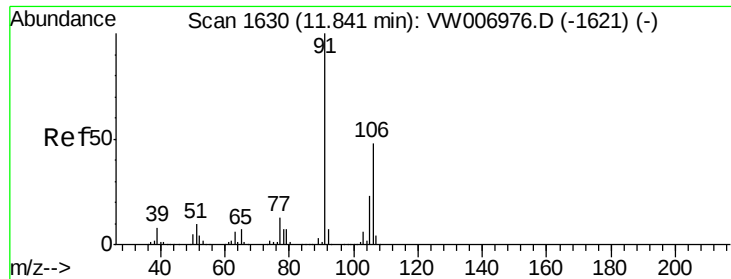
Tgt Ion: 117 Resp: 24972
Ion Ratio Lower Upper
117 100
82 60.5 44.2 66.2
119 30.6 25.9 38.9



#67
Ethyl Benzene
Concen: 18.66 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007095.D
Acq: 27 Nov 2018 18:27

Tgt Ion: 91 Resp: 17863
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.2

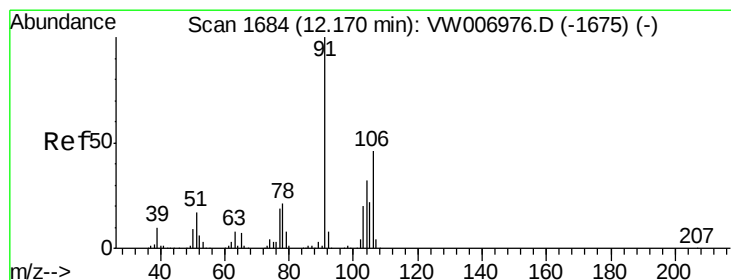
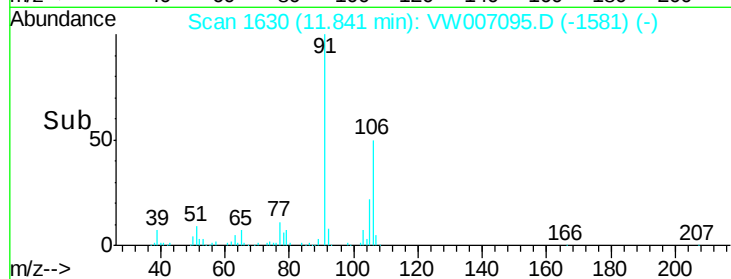
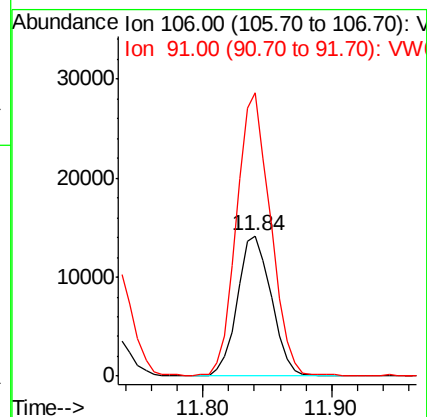
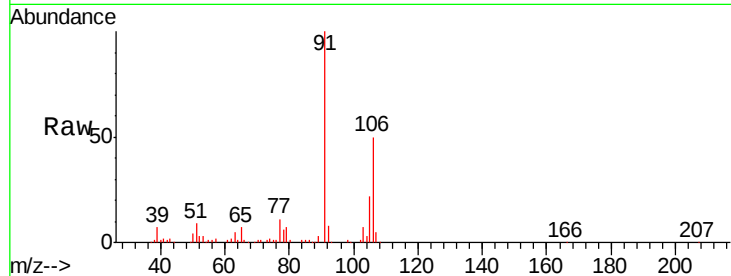




#68
m/p-Xylenes
Concen: 68.93 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007095.D
Acq: 27 Nov 2018 18:27

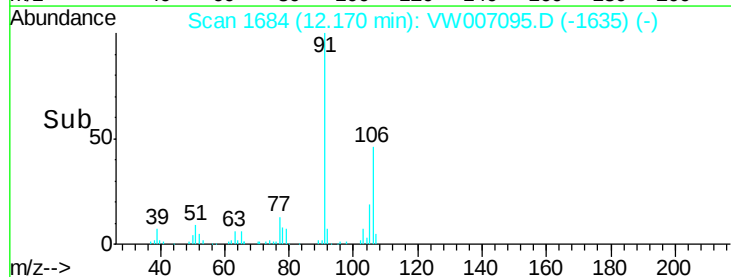
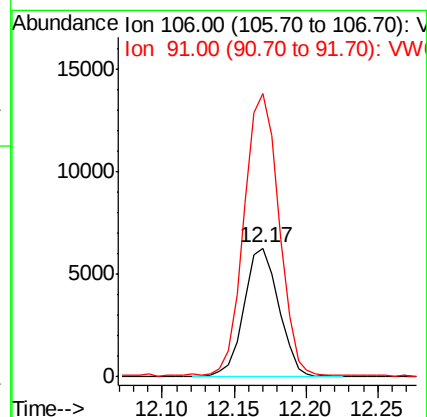
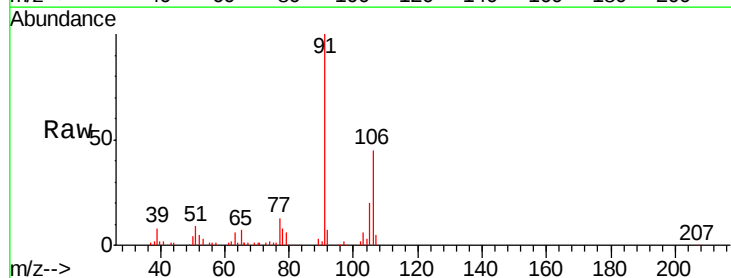
Instrument :
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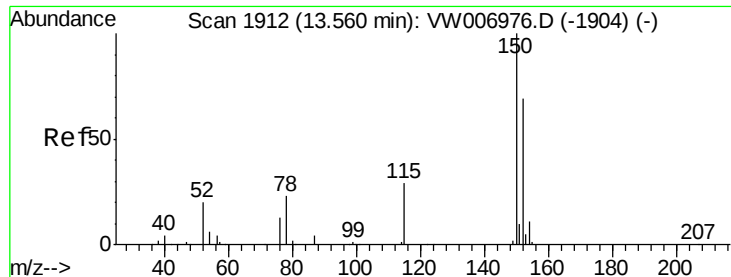
Tgt Ion:106 Resp: 25892
Ion Ratio Lower Upper
106 100
91 200.7 164.8 247.2



#69
o-Xylene
Concen: 29.71 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007095.D
Acq: 27 Nov 2018 18:27

Tgt Ion:106 Resp: 10523
Ion Ratio Lower Upper
106 100
91 219.5 107.9 323.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007095.D

Acq: 27 Nov 2018 18:27

Instrument :

MSVOA_W

ClientSampleId :

002-WC-NY6

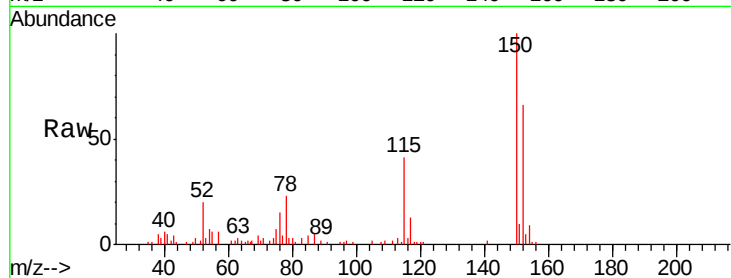
Tgt Ion:152 Resp: 7861

Ion Ratio Lower Upper

152 100

115 70.7 31.4 94.2

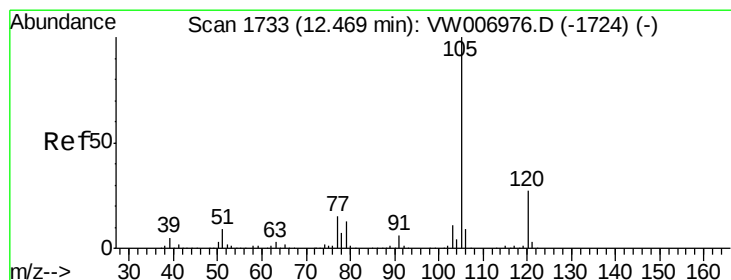
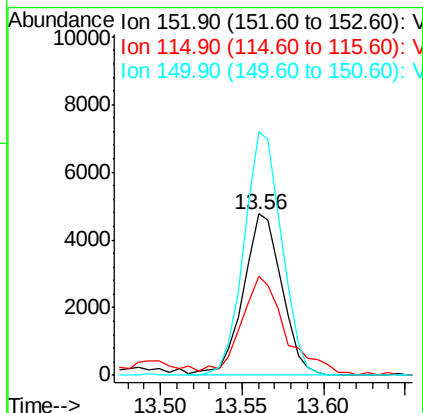
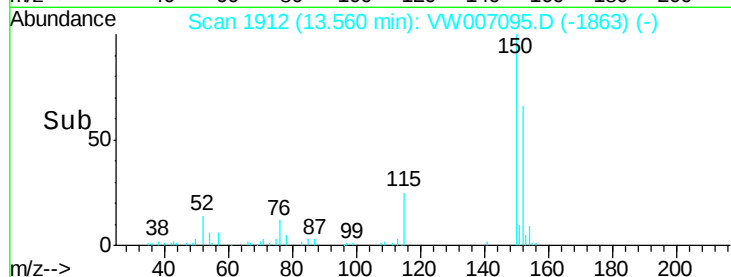
150 147.0 0.0 353.4



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



#73

Isopropylbenzene

Concen: 5.53 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007095.D

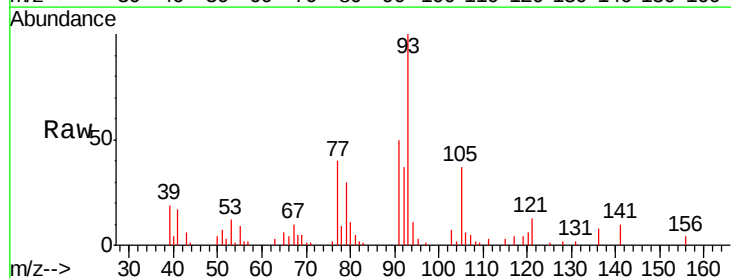
Acq: 27 Nov 2018 18:27

Tgt Ion:105 Resp: 3381

Ion Ratio Lower Upper

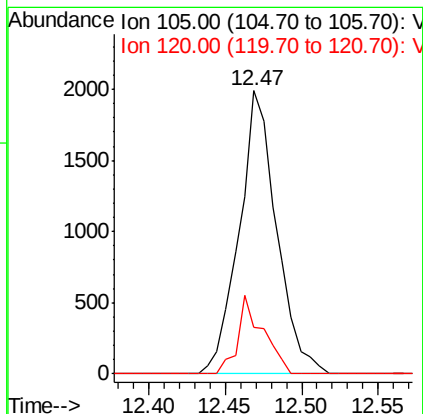
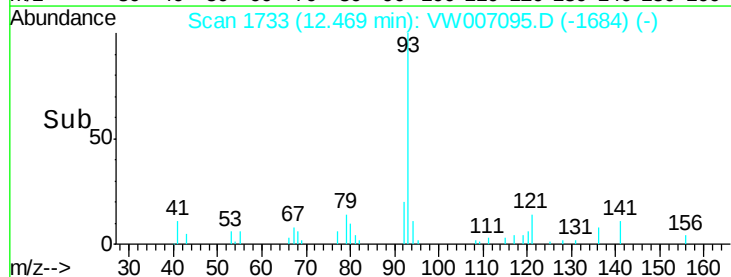
105 100

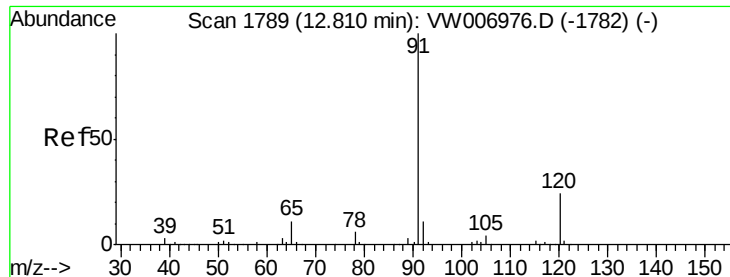
120 18.7 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 14.26 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007095.D

Acq: 27 Nov 2018 18:27

Instrument :

MSVOA_W

ClientSampleId :

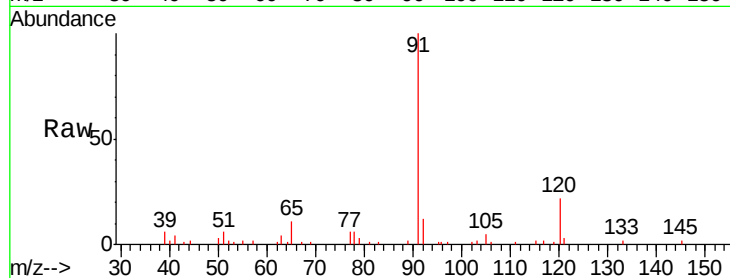
002-WC-NY6

Tgt Ion: 91 Resp: 10553

Ion Ratio Lower Upper

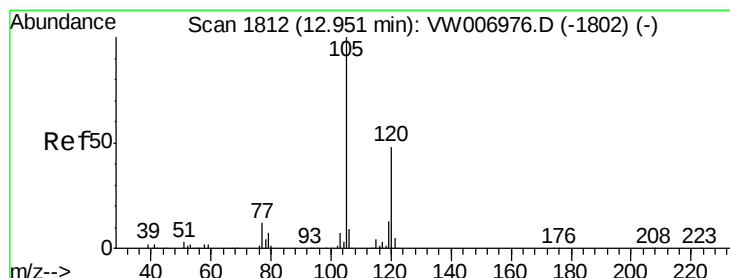
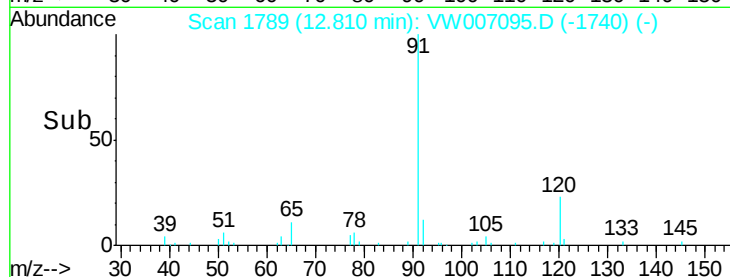
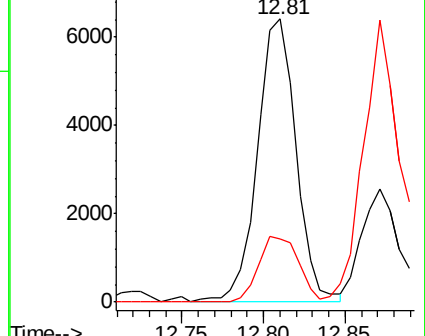
91 100

120 24.2 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: 27.28 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW007095.D

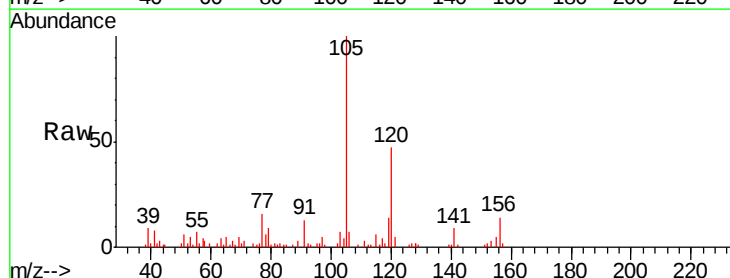
Acq: 27 Nov 2018 18:27

Tgt Ion: 105 Resp: 14411

Ion Ratio Lower Upper

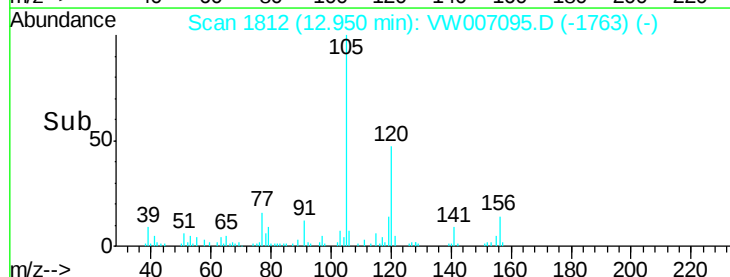
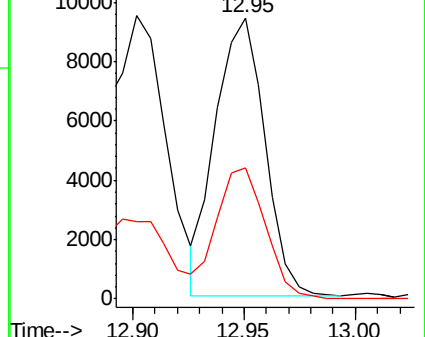
105 100

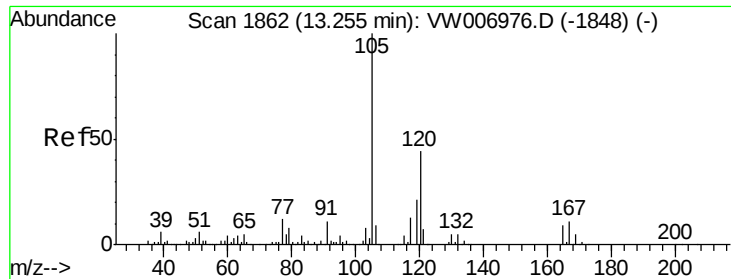
120 47.1 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

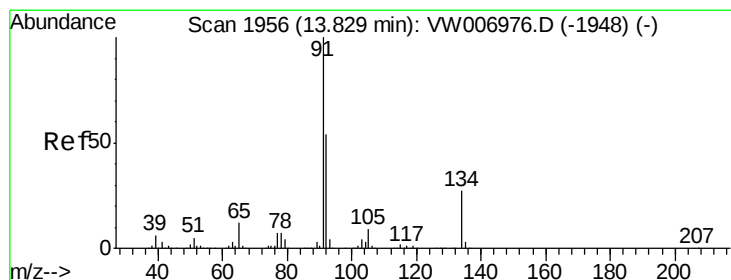
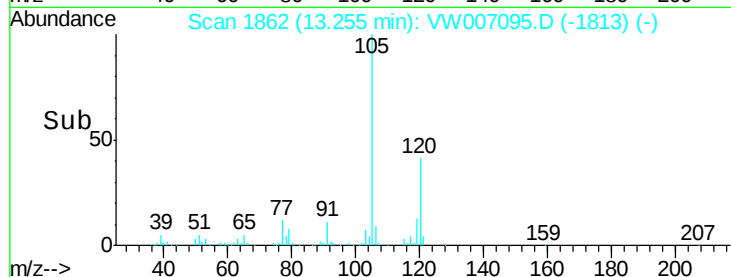
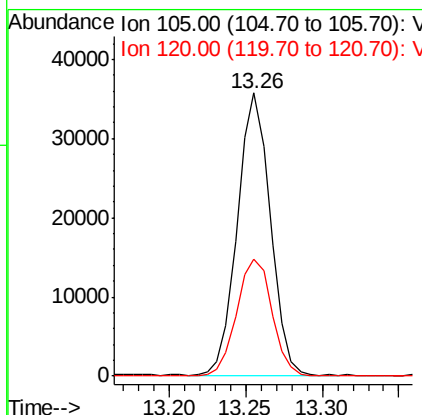
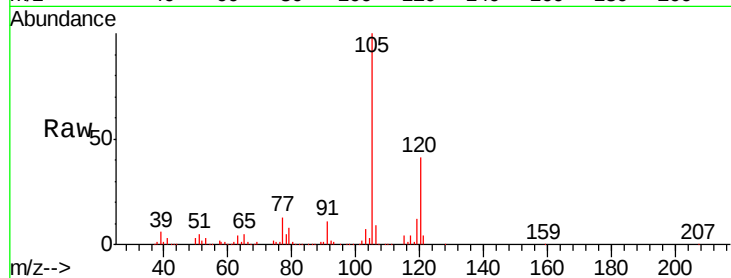




#84
 1,2,4-Trimethylbenzene
 Concen: 101.02 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007095.D
 Acq: 27 Nov 2018 18:27

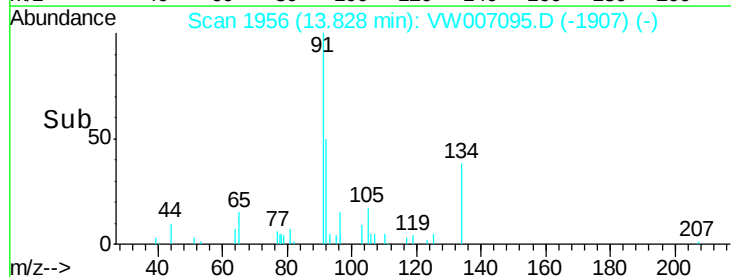
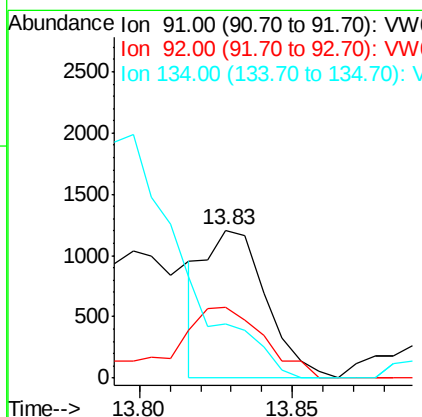
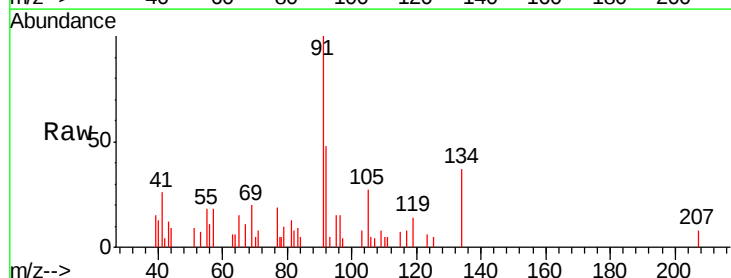
Instrument :
 MSVOA_W
 ClientSampled :
 002-WC-NY6

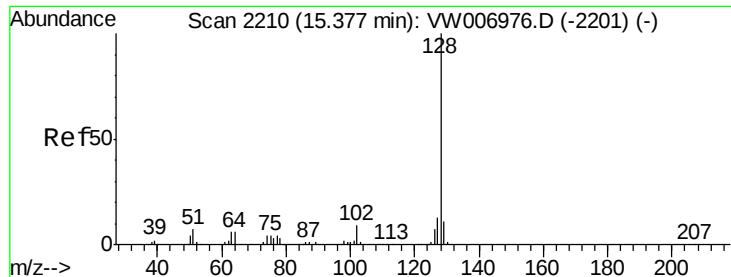
Tgt Ion: 105 Resp: 53172
 Ion Ratio Lower Upper
 105 100
 120 44.6 21.8 65.3



#89
 n-Butylbenzene
 Concen: 3.10 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW007095.D
 Acq: 27 Nov 2018 18:27

Tgt Ion: 91 Resp: 1663
 Ion Ratio Lower Upper
 91 100
 92 64.8 26.8 80.4
 134 0.0 13.3 39.8#

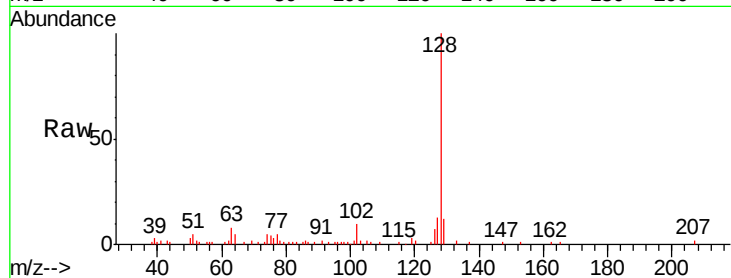




#95
 Naphthalene
 Concen: 67.70 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VW007095.D
 Acq: 27 Nov 2018 18:27

Instrument :
 MSVOA_W
 ClientSampleId :
 002-WC-NY6

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.0	10.5	15.7
129	13.7	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
 15000 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

