

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112718\
 Data File : VW007100.D
 Acq On : 27 Nov 2018 20:34
 Operator : VAY/AP
 Sample : J6083-05
 Misc : 5.26G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-3

Quant Time: Nov 28 00:36:04 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	45816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	72926	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	69952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	31740	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	25250	56.29	ug/l	0.00
Spiked Amount			Recovery	=	112.58%	
35) Dibromofluoromethane	7.89	113	21744	52.80	ug/l	0.00
Spiked Amount			Recovery	=	105.60%	
50) Toluene-d8	10.33	98	83804	46.08	ug/l	0.00
Spiked Amount			Recovery	=	92.16%	
62) 4-Bromofluorobenzene	12.62	95	32769	45.79	ug/l	0.00
Spiked Amount			Recovery	=	91.58%	

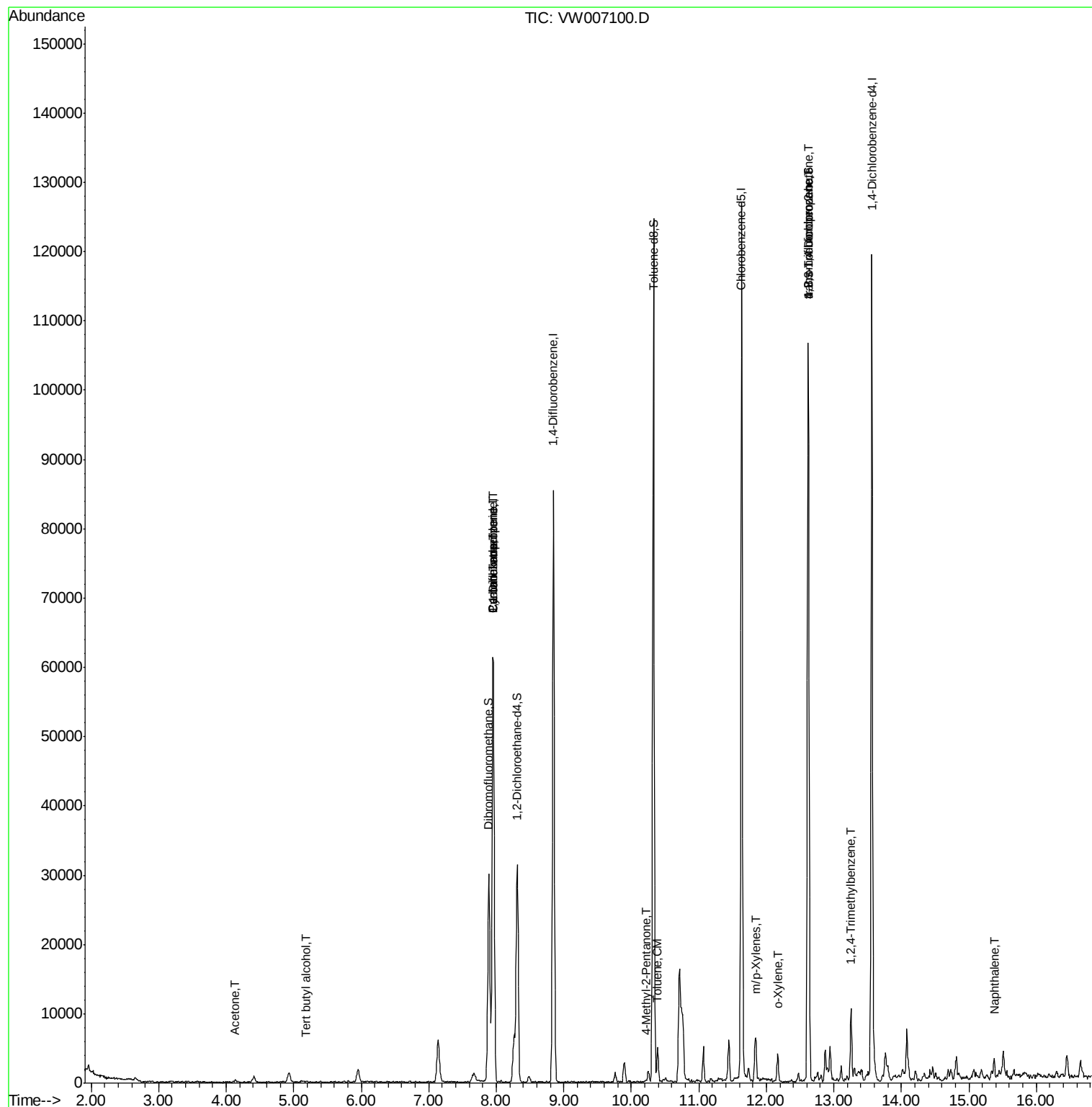
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	183	6.267	ug/l #	71
16) Acetone	4.13	43	638	9.797	ug/l	96
20) Methylene Chloride	4.92	84	1184	Below Cal	#	82
31) Cyclohexane	7.95	56	922	1.067	ug/l #	22
36) 1,1-Dichloropropene	7.96	75	3441	4.829	ug/l #	49
38) Carbon Tetrachloride	7.95	117	4805	7.041	ug/l #	17
51) 4-Methyl-2-Pentanone	10.23	43	299	1.202	ug/l #	78
52) Toluene	10.39	92	2415	1.845	ug/l	96
68) m/p-Xylenes	11.85	106	2179	2.071	ug/l	95
69) o-Xylene	12.17	106	1024	1.032	ug/l	82
76) 1,2,3-Trichloropropane	12.62	75	16203	64.965	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	16203	163.101	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.26	105	5712	2.688	ug/l	99
95) Naphthalene	15.38	128	2565	2.261	ug/l #	93

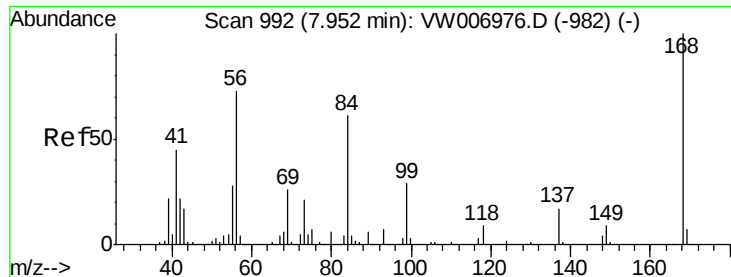
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112718\
Data File : VW007100.D
Acq On : 27 Nov 2018 20:34
Operator : VAY/AP
Sample : J6083-05
Misc : 5.26G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WC-3

Quant Time: Nov 28 00:36:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW007100.D

Acq: 27 Nov 2018 20:34

Instrument :

MSVOA_W

ClientSampled :

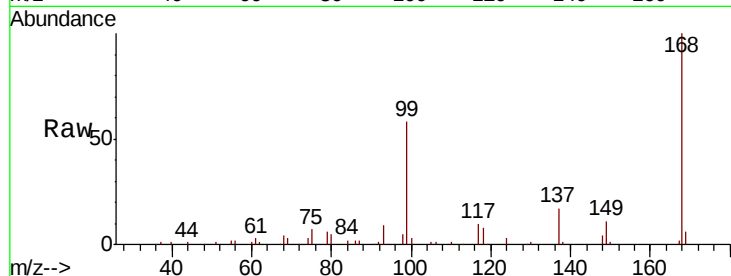
WC-3

Tot Ion:168 Resp: 45816

Ion Ratio Lower Upper

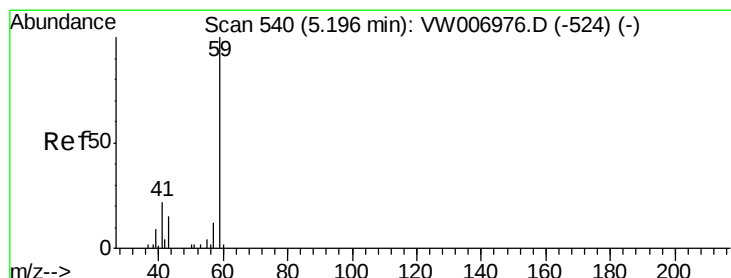
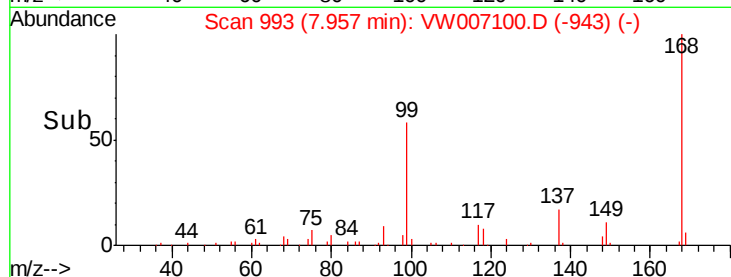
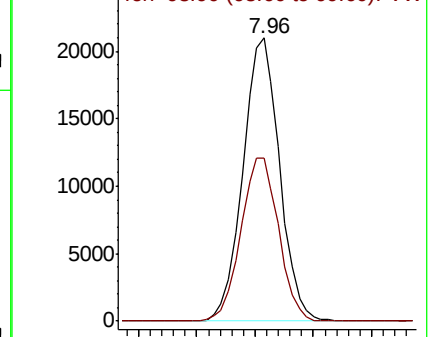
168 100

99 57.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 6.267 ug/l

RT: 5.18 min Scan# 538

Delta R.T. -0.01 min

Lab File: VW007100.D

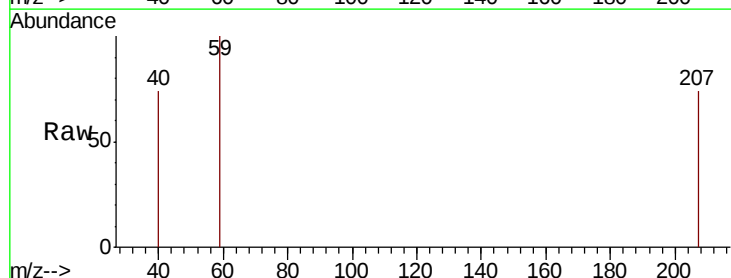
Acq: 27 Nov 2018 20:34

Tgt Ion: 59 Resp: 183

Ion Ratio Lower Upper

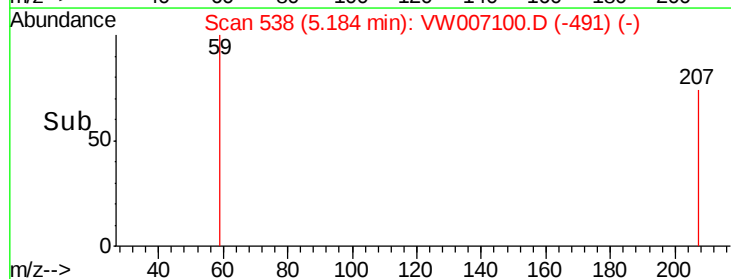
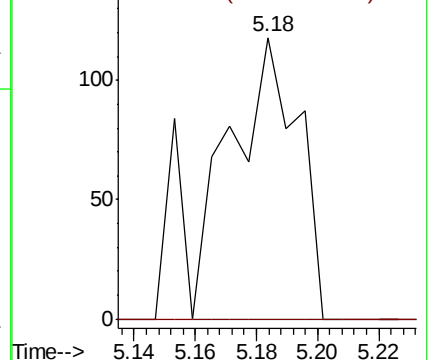
59 100

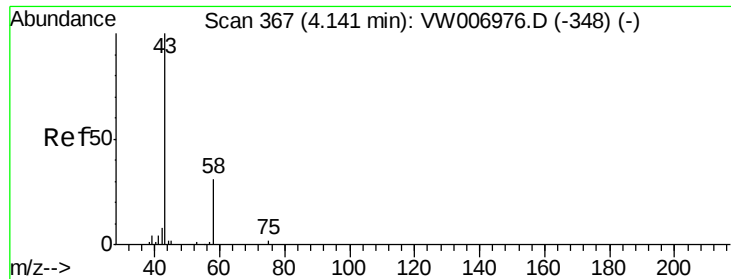
57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 9.797 ug/l

RT: 4.13 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW007100.D

Acq: 27 Nov 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

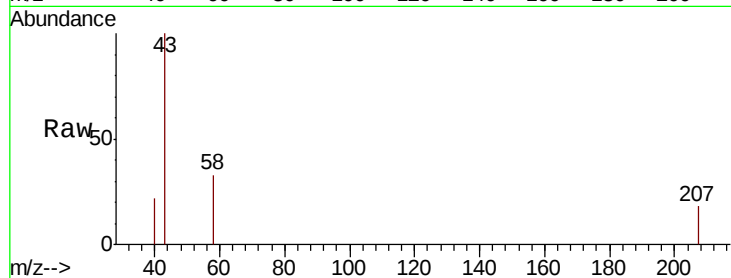
WC-3

Tot Ion: 43 Resp: 638

Ion Ratio Lower Upper

43 100

58 33.3 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

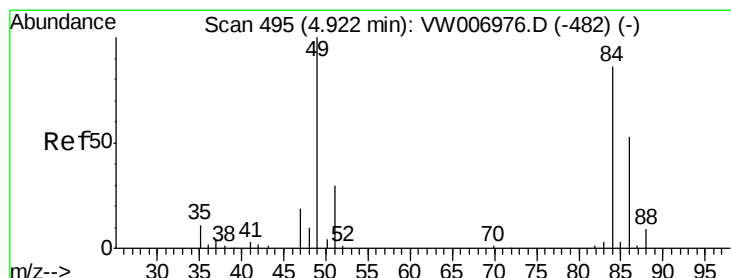
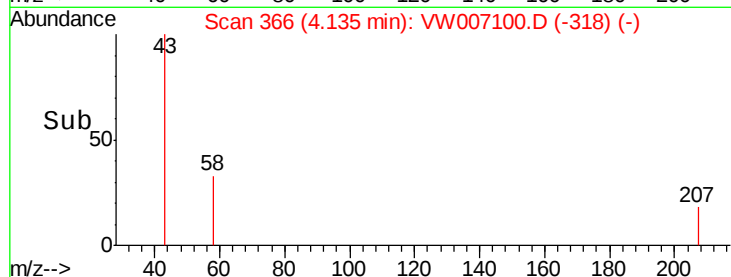
300

200

100

0

Time--> 4.05 4.10 4.15 4.20



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007100.D

Acq: 27 Nov 2018 20:34

Tgt Ion: 84 Resp: 1184

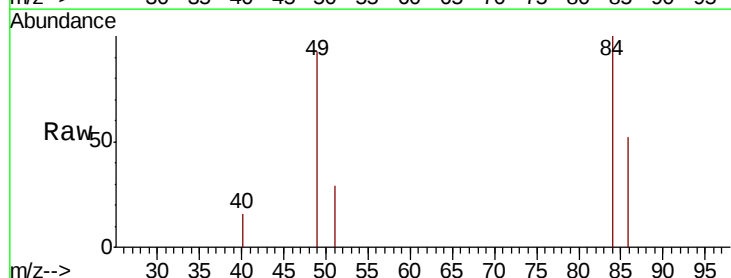
Ion Ratio Lower Upper

84 100

49 92.6 93.4 140.0#

51 28.9 28.4 42.6

86 52.3 49.8 74.8



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

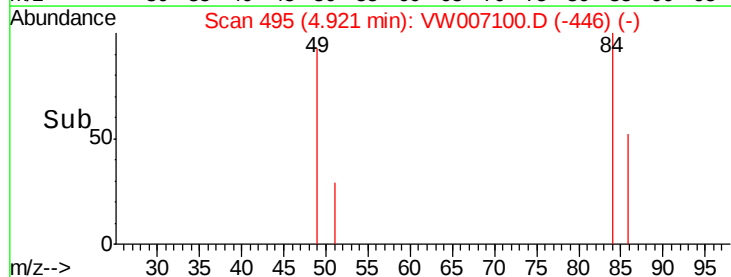
600

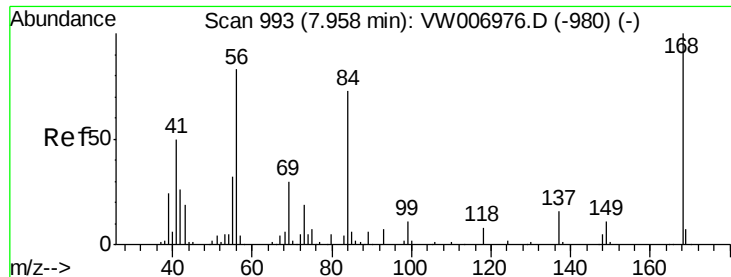
400

200

0

Time--> 4.85 4.90 4.95 5.00

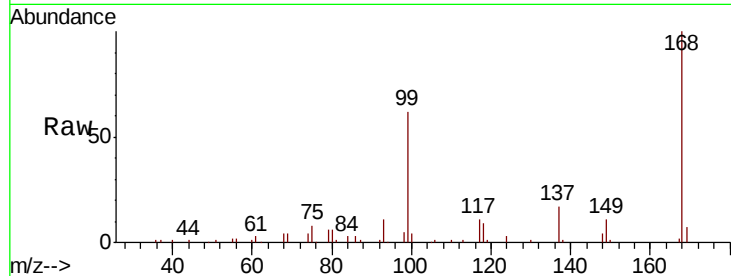




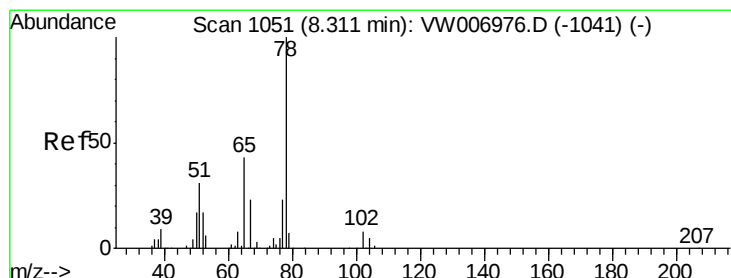
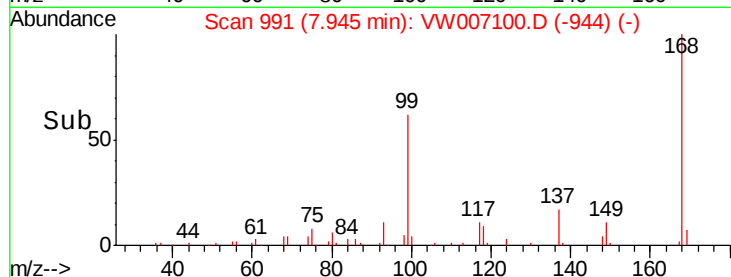
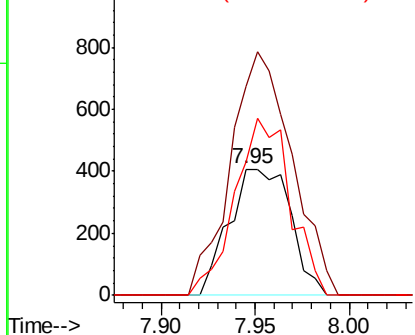
#31
Cyclohexane
Concen: 1.067 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007100.D
Acq: 27 Nov 2018 20:34

Instrument :
MSVOA_W
ClientSampled :
WC-3

Tot Ion: 56 Resp: 922
Ion Ratio Lower Upper
56 100
69 166.1 29.1 43.7#
84 106.1 70.6 105.8#

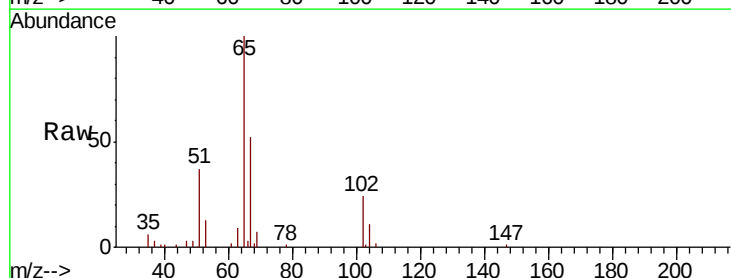


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

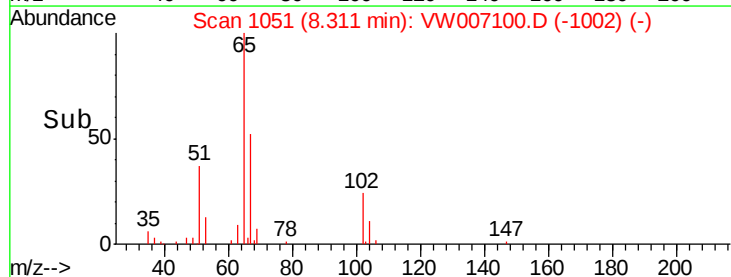
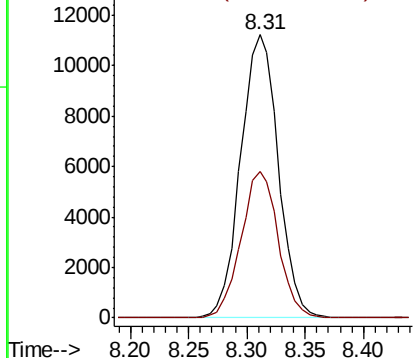


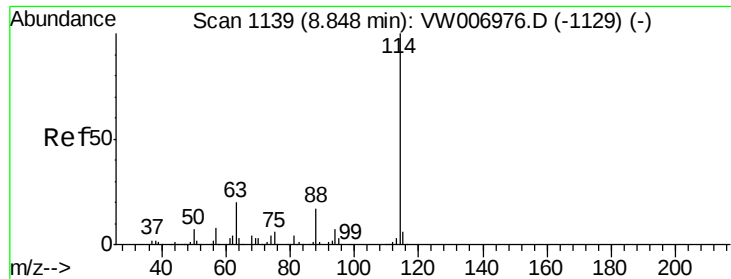
#33
1,2-Dichloroethane-d4
Concen: 56.293 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007100.D
Acq: 27 Nov 2018 20:34

Tgt Ion: 65 Resp: 25250
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

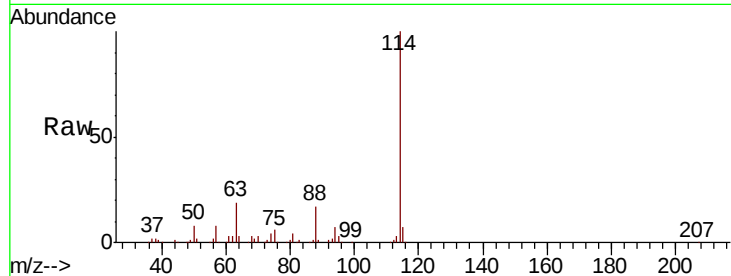




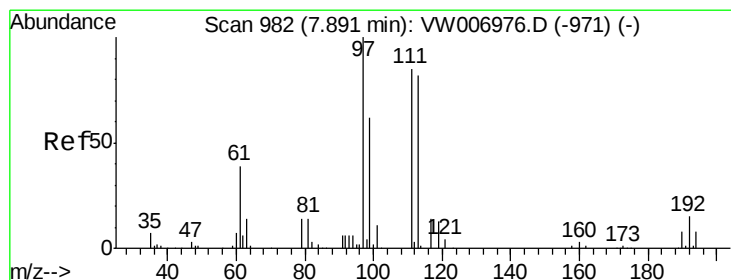
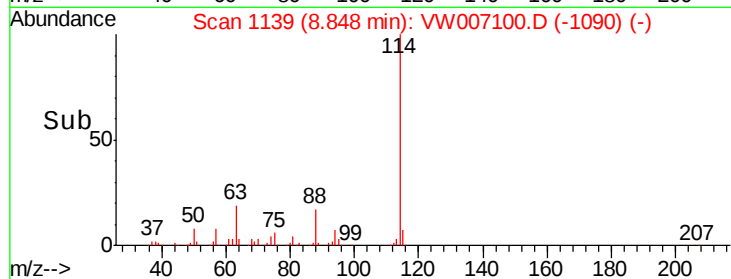
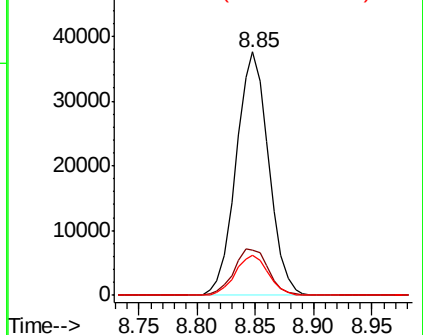
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007100.D
 Acq: 27 Nov 2018 20:34

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-3

Tot Ion:114 Resp: 72926
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.4
 88 16.7 0.0 34.2

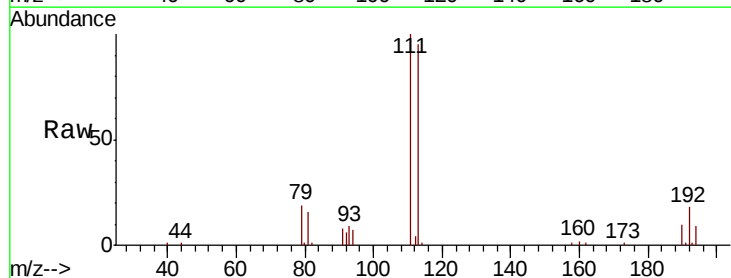


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

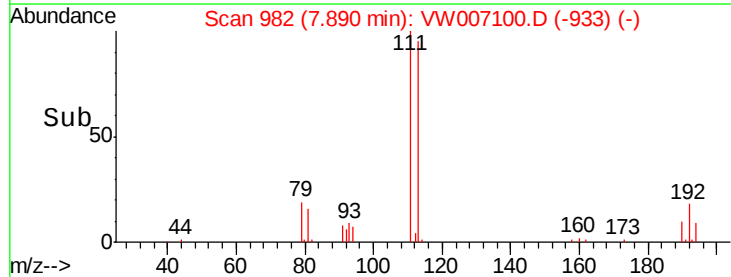
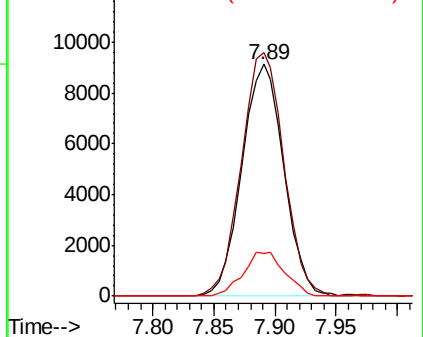


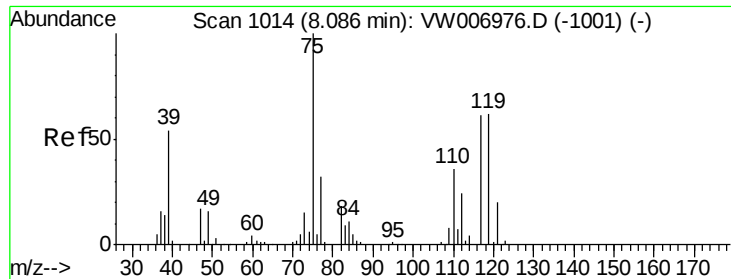
#35
 Dibromofluoromethane
 Concen: 52.798 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007100.D
 Acq: 27 Nov 2018 20:34

Tgt Ion:113 Resp: 21744
 Ion Ratio Lower Upper
 113 100
 111 106.0 81.0 121.6
 192 18.8 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

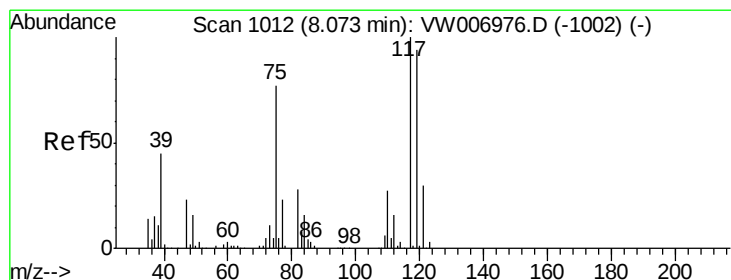
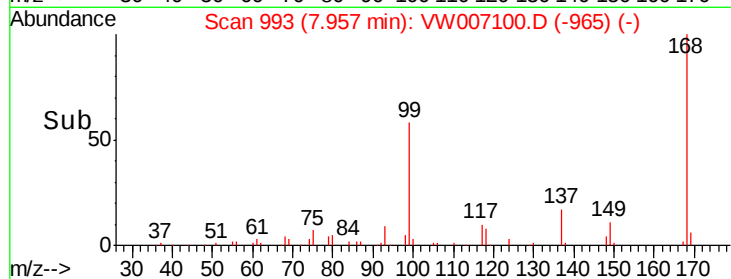
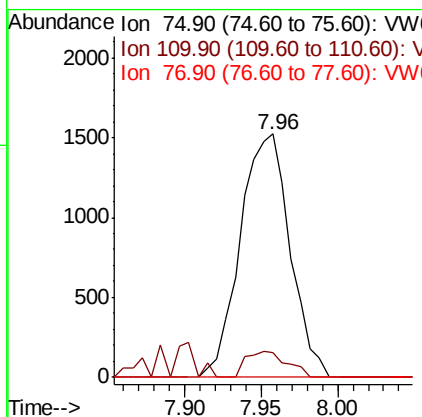
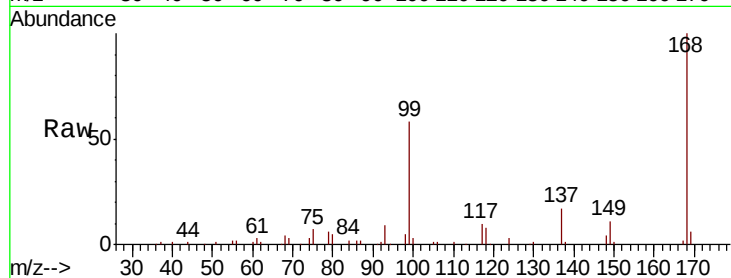




#36
 1,1-Dichloropropene
 Concen: 4.829 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW007100.D
 Acq: 27 Nov 2018 20:34

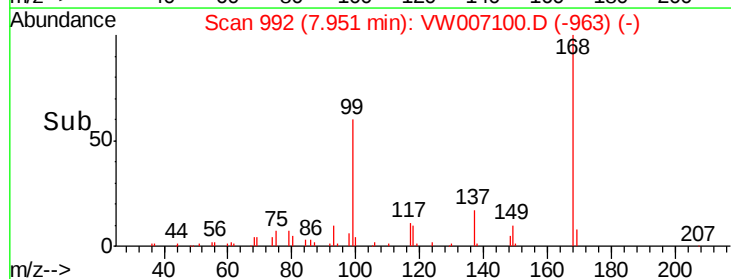
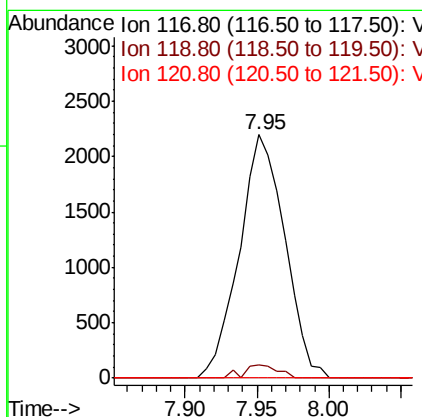
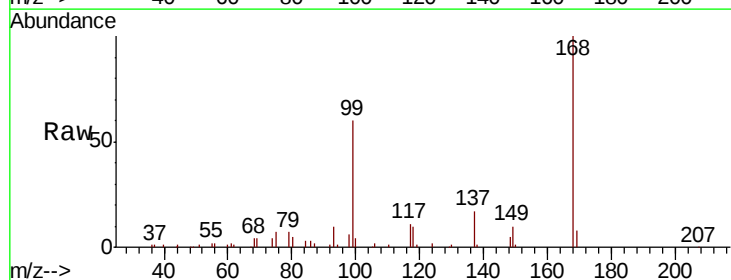
Instrument :
 MSVOA_W
 ClientSampleId :
 WC-3

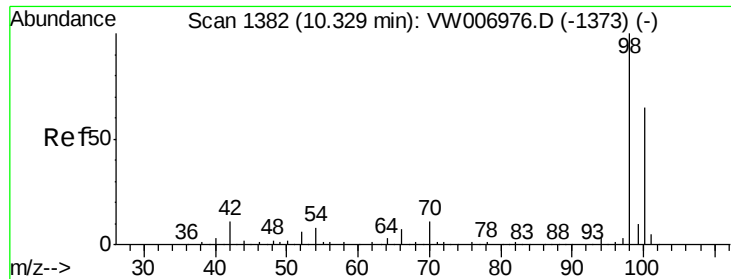
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.0	54.0#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 7.041 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007100.D
 Acq: 27 Nov 2018 20:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	74.9	112.3#
121	0.0	23.6	35.4#





#50

Toluene-d8

Concen: 46.082 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007100.D

Acq: 27 Nov 2018 20:34

Instrument :

MSVOA_W

ClientSampled :

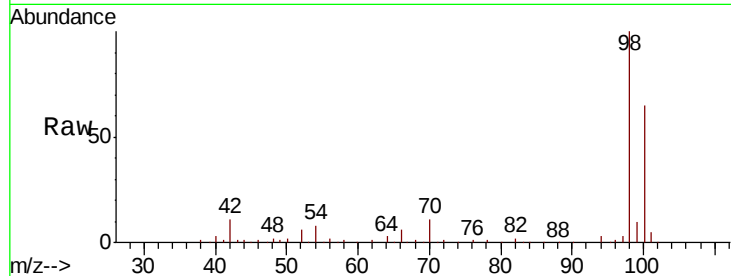
WC-3

Tot Ion: 98 Resp: 83804

Ion Ratio Lower Upper

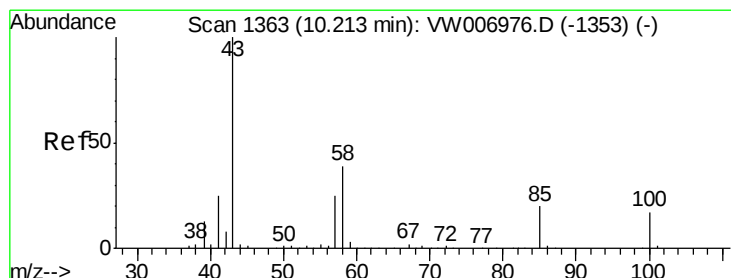
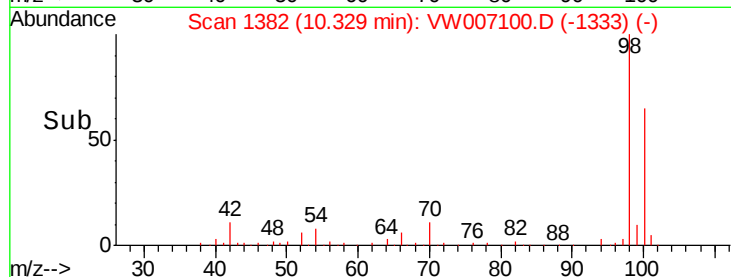
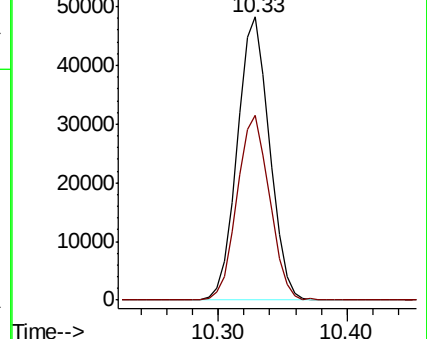
98 100

100 65.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 1.202 ug/l

RT: 10.23 min Scan# 1365

Delta R.T. 0.01 min

Lab File: VW007100.D

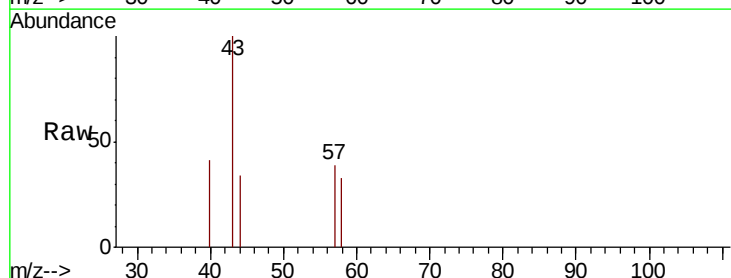
Acq: 27 Nov 2018 20:34

Tgt Ion: 43 Resp: 299

Ion Ratio Lower Upper

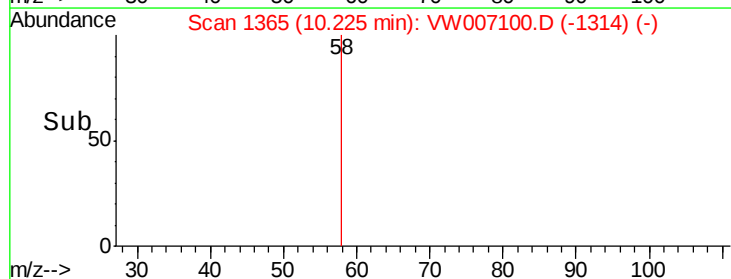
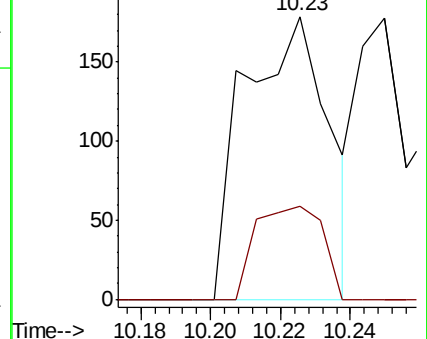
43 100

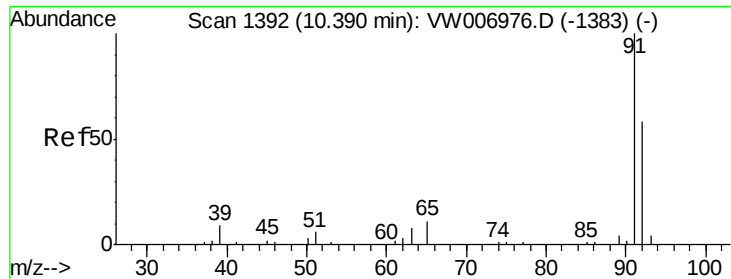
58 26.4 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#52

Toluene

Concen: 1.845 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007100.D

Acq: 27 Nov 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

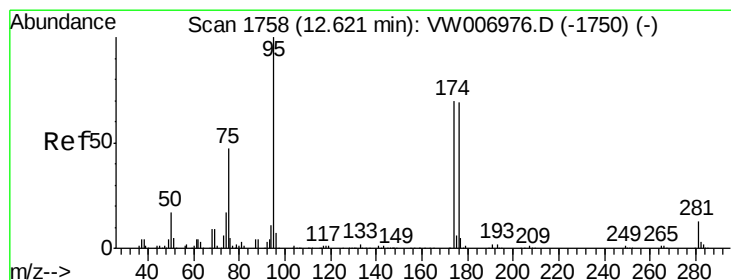
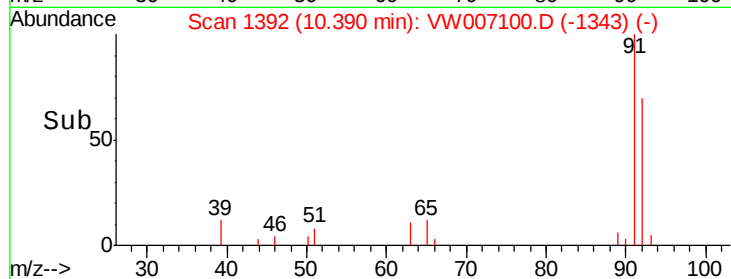
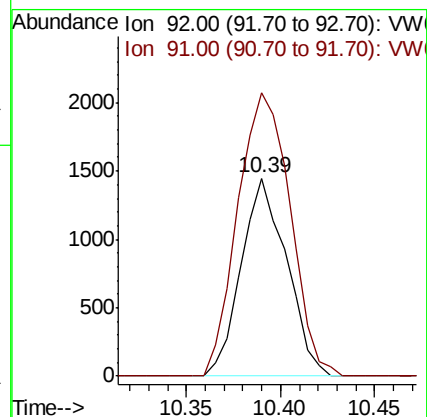
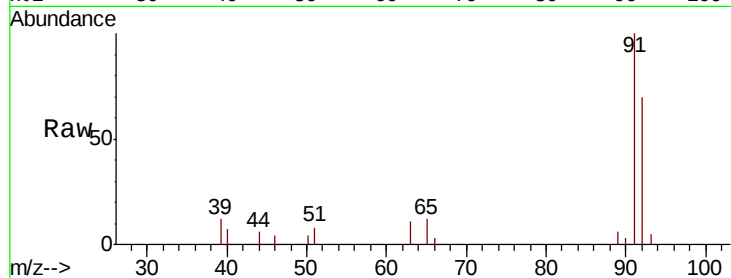
WC-3

Tot Ion: 92 Resp: 2415

Ion Ratio Lower Upper

92 100

91 165.7 137.3 205.9



#62

4-Bromofluorobenzene

Concen: 45.789 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007100.D

Acq: 27 Nov 2018 20:34

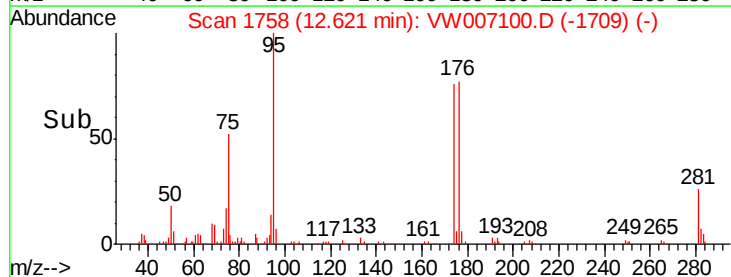
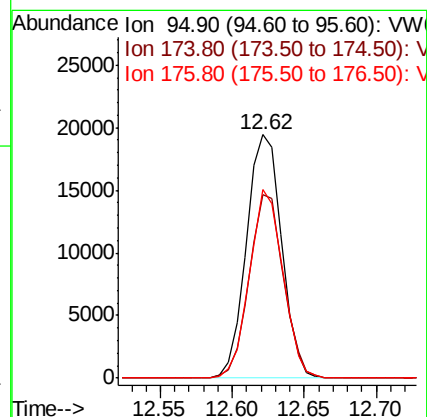
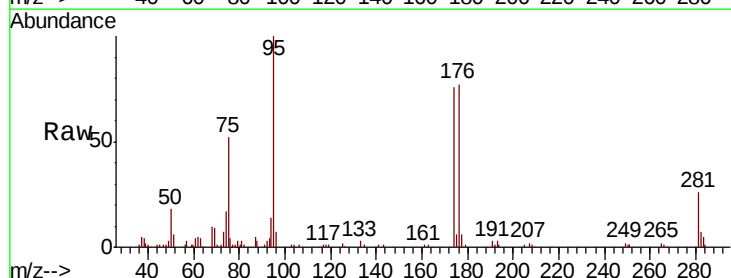
Tgt Ion: 95 Resp: 32769

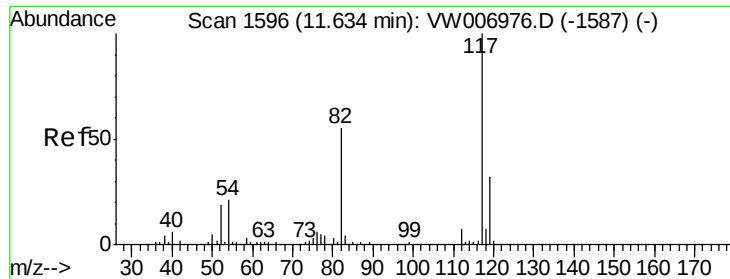
Ion Ratio Lower Upper

95 100

174 73.6 0.0 143.6

176 73.6 0.0 140.4

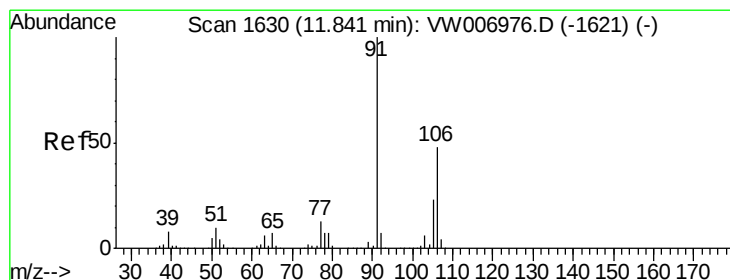
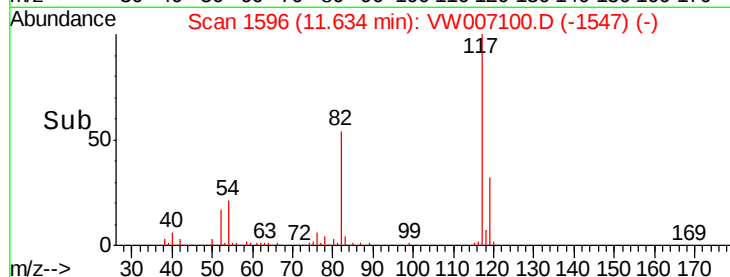
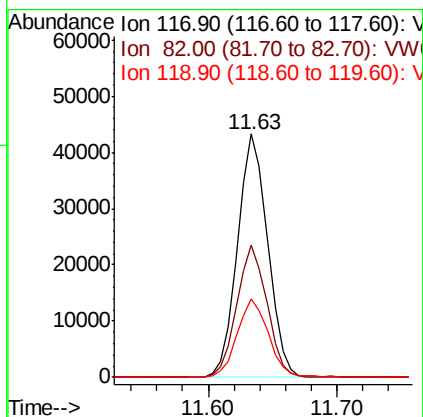
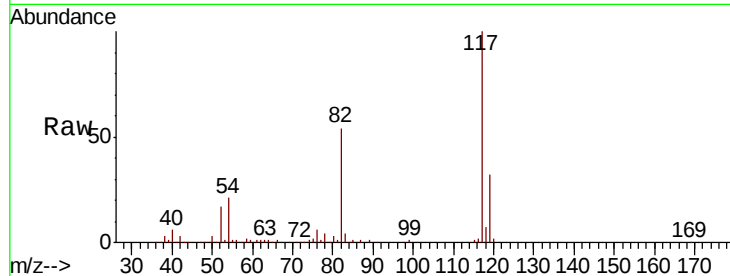




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007100.D
Acq: 27 Nov 2018 20:34

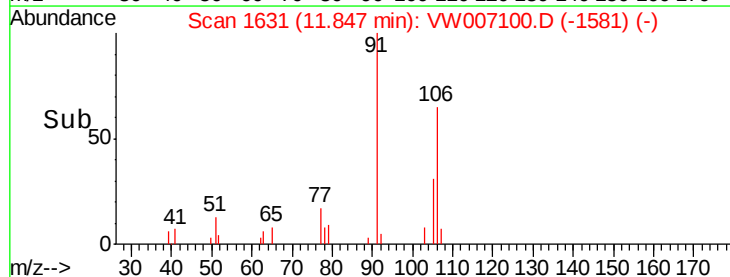
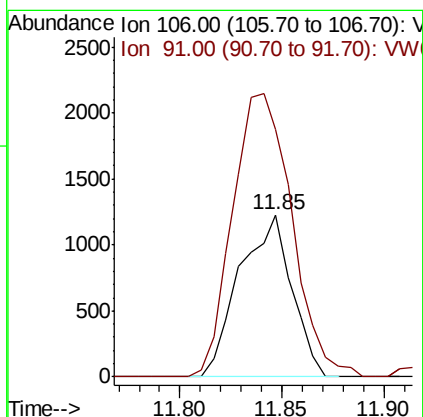
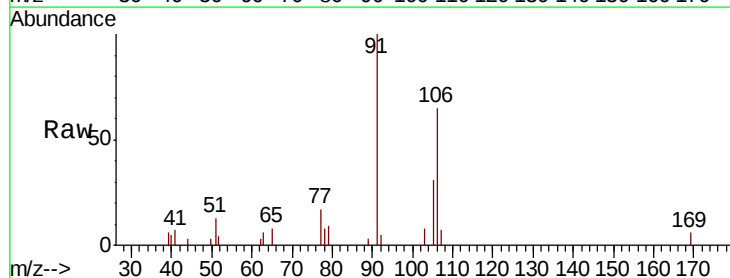
Instrument :
MSVOA_W
ClientSampleId :
WC-3

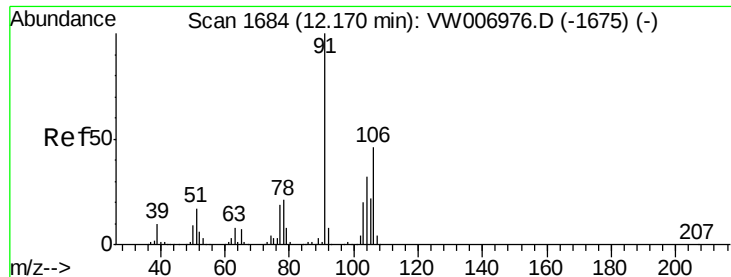
Tot Ion:117 Resp: 69952
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 31.9 25.9 38.9



#68
m/p-Xylenes
Concen: 2.071 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW007100.D
Acq: 27 Nov 2018 20:34

Tgt Ion:106 Resp: 2179
Ion Ratio Lower Upper
106 100
91 198.7 164.8 247.2

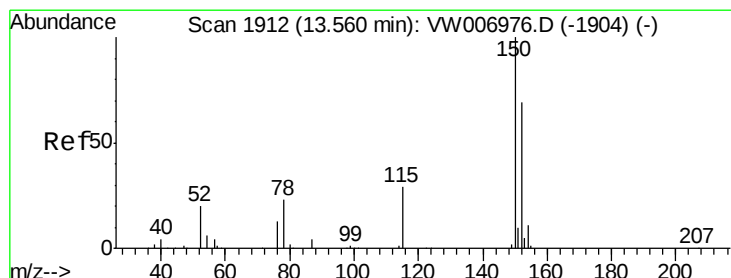
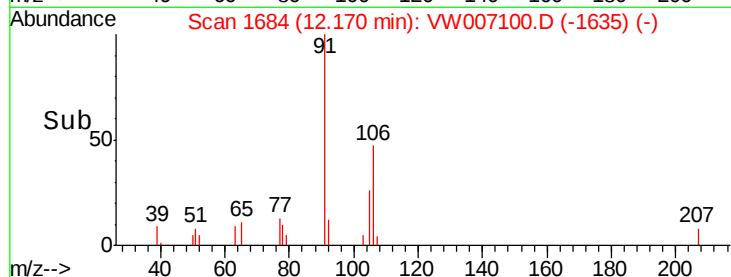
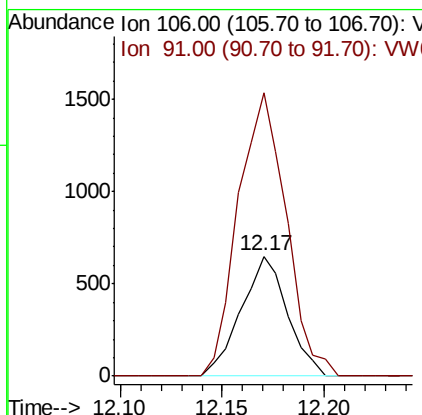
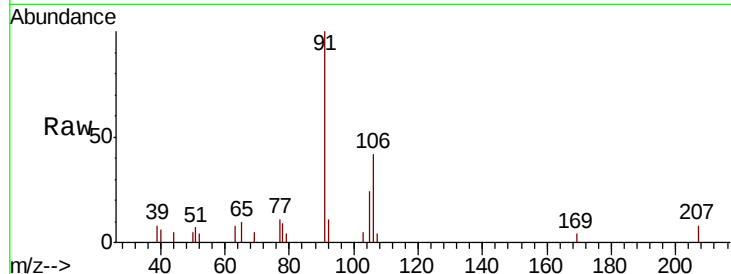




#69
o-Xylene
Concen: 1.032 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007100.D
Acq: 27 Nov 2018 20:34

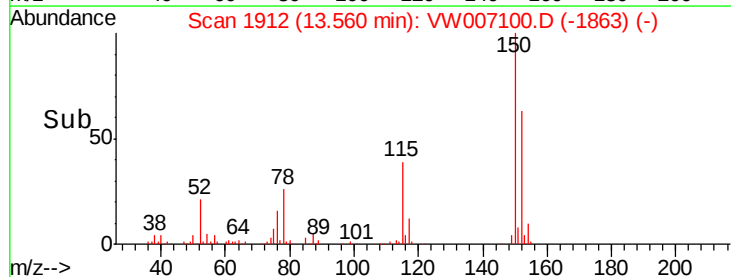
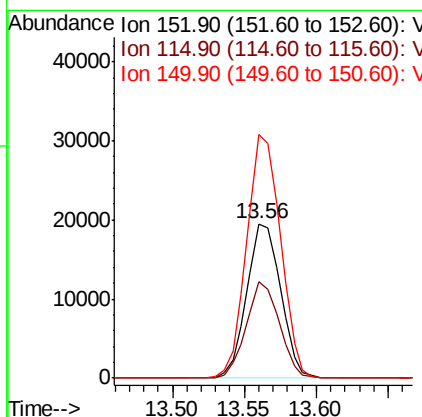
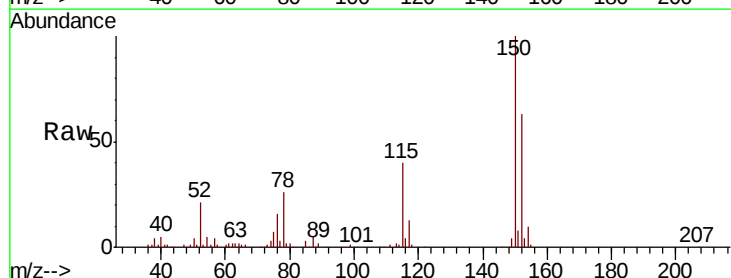
Instrument :
MSVOA_W
ClientSampled :
WC-3

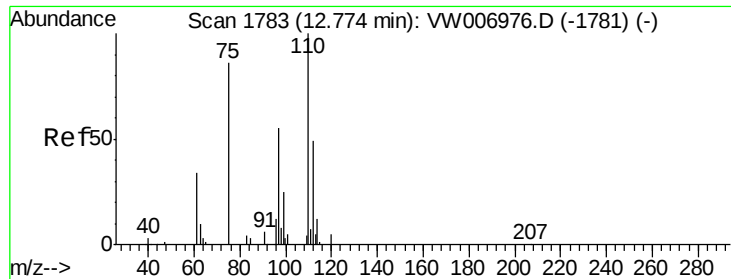
Tot Ion:106 Resp: 1024
Ion Ratio Lower Upper
106 100
91 244.7 107.9 323.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007100.D
Acq: 27 Nov 2018 20:34

Tgt Ion:152 Resp: 31740
Ion Ratio Lower Upper
152 100
115 61.2 31.4 94.2
150 157.5 0.0 353.4





#76

1,2,3-Trichloropropane

Concen: 64.965 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007100.D

Acq: 27 Nov 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

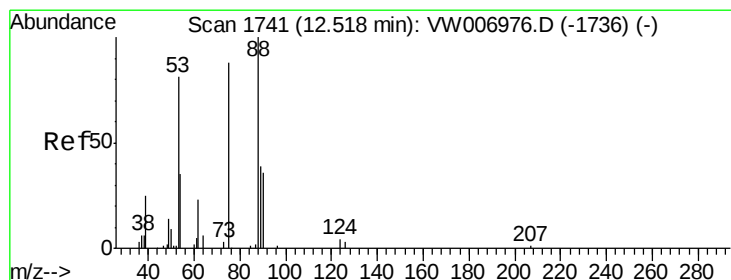
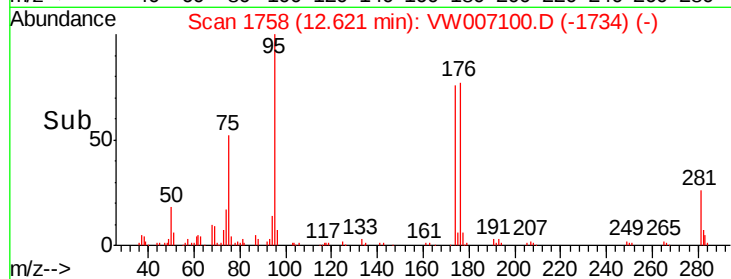
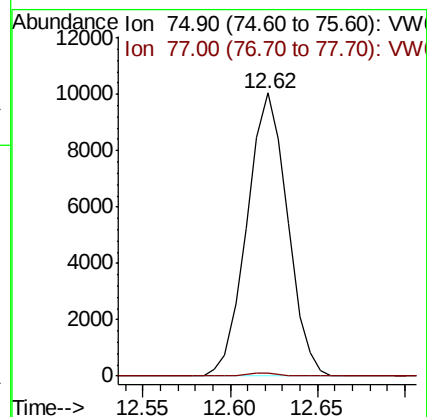
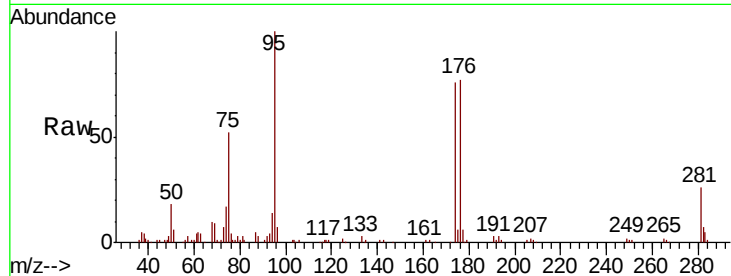
WC-3

Tot Ion: 75 Resp: 16203

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 163.101 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007100.D

Acq: 27 Nov 2018 20:34

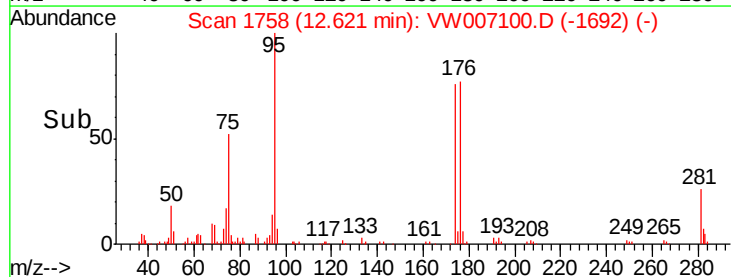
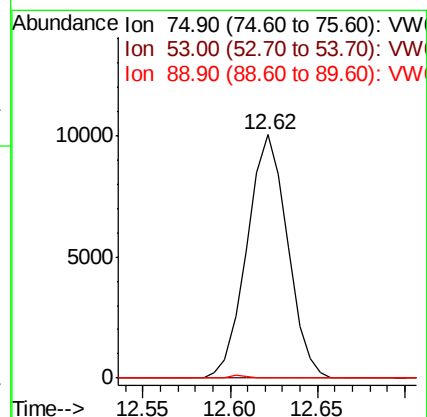
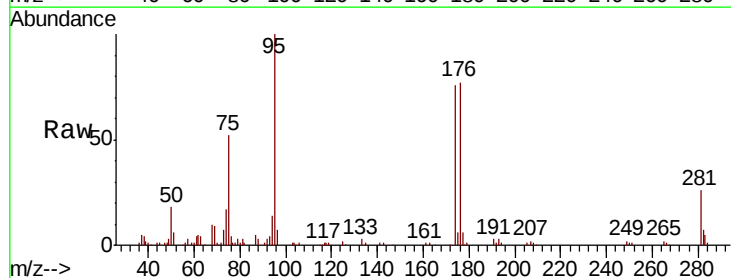
Tgt Ion: 75 Resp: 16203

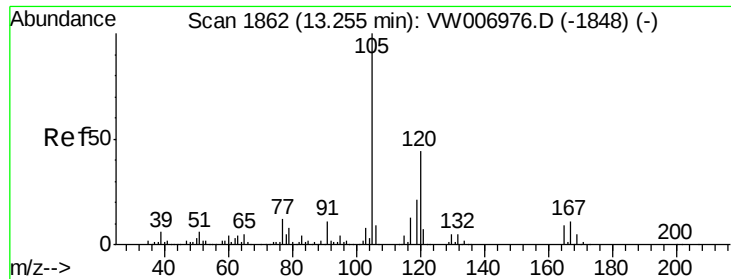
Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.4 39.3 58.9#





#84

1,2,4-Trimethylbenzene

Concen: 2.688 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007100.D

Acq: 27 Nov 2018 20:34

Instrument :

MSVOA_W

ClientSampled :

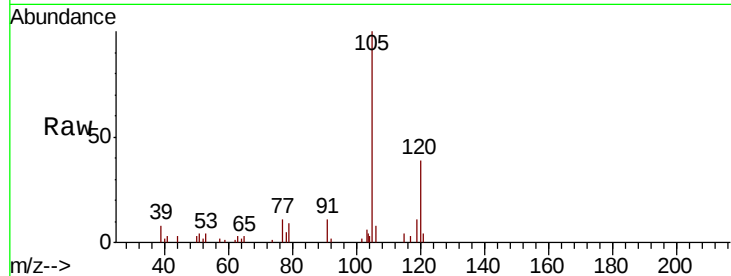
WC-3

Tot Ion:105 Resp: 5712

Ion Ratio Lower Upper

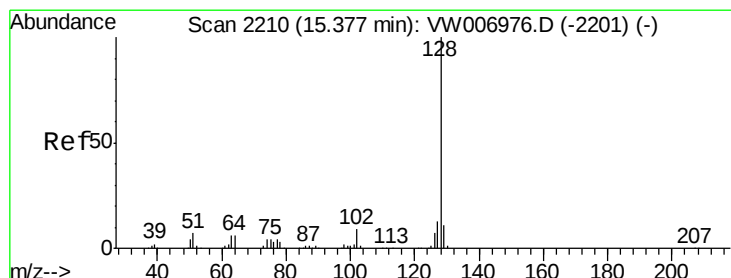
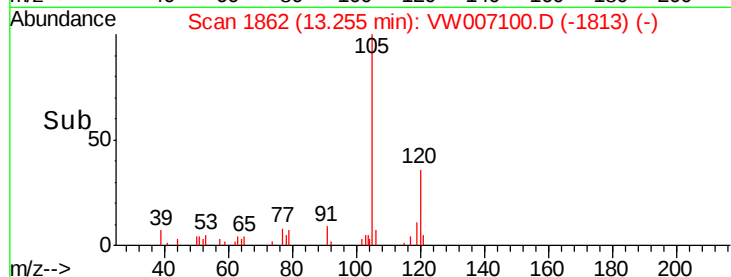
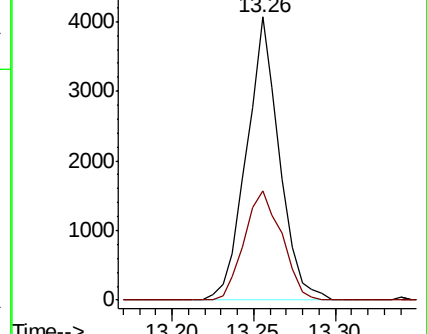
105 100

120 44.2 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 2.261 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW007100.D

Acq: 27 Nov 2018 20:34

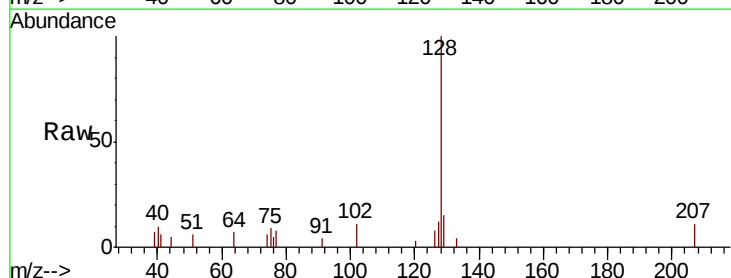
Tgt Ion:128 Resp: 2565

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

129 15.7 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

