

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112718\
 Data File : VW007102.D
 Acq On : 27 Nov 2018 21:25
 Operator : VAY/AP
 Sample : J6082-01
 Misc : 7.24G/5ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S49-0490

Quant Time: Nov 28 02:30:10 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

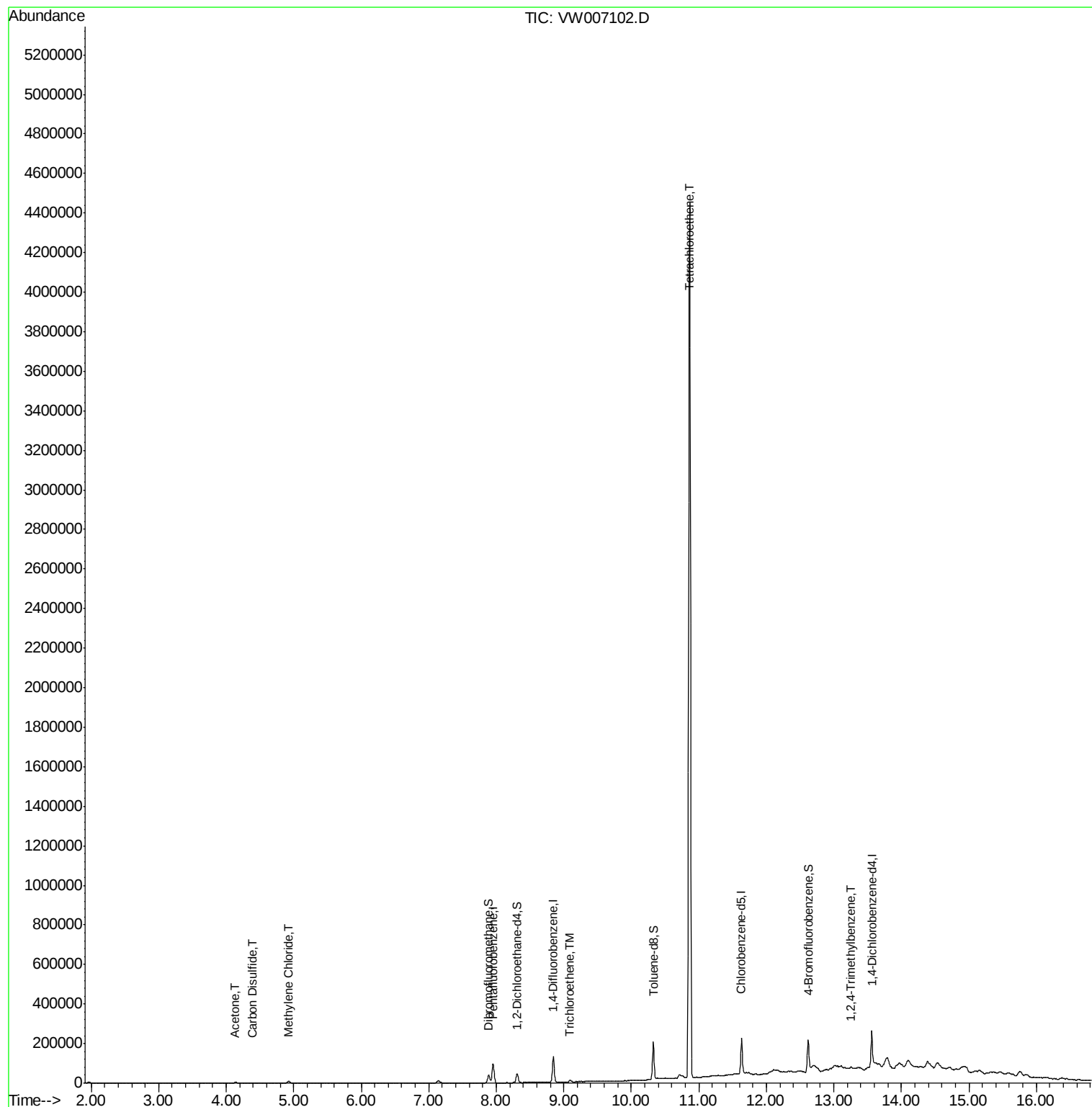
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	71867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	112504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	104591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	48206	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	35660	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
35) Dibromofluoromethane	7.89	113	31484	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
50) Toluene-d8	10.33	98	135050	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
62) 4-Bromofluorobenzene	12.62	95	52333	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
Target Compounds						
16) Acetone	4.14	43	8705	85.21	ug/l	Qvalue 100
17) Carbon Disulfide	4.38	76	3700	1.76	ug/l	100
20) Methylene Chloride	4.92	84	6524	2.93	ug/l	97
44) Trichloroethene	9.09	130	2866	3.45	ug/l	96
64) Tetrachloroethene	10.87	164	994329	1477.77	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	4454	1.38	ug/l	98

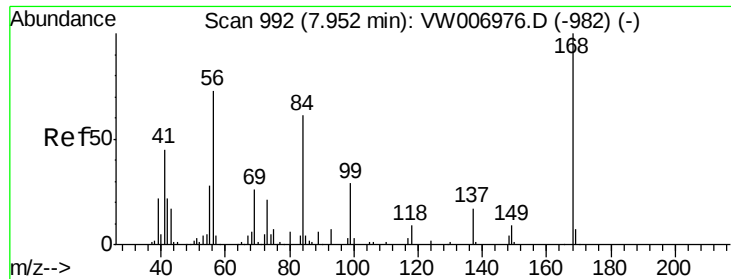
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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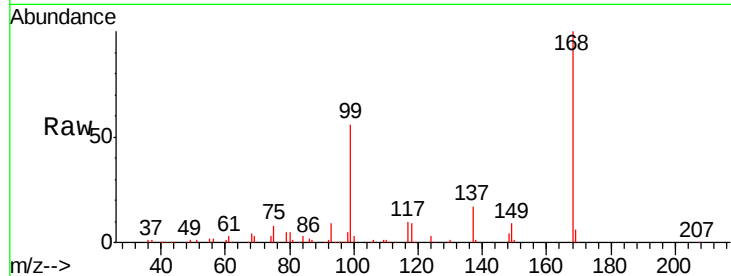


#1

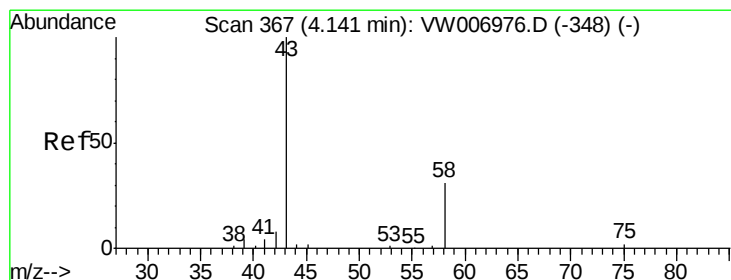
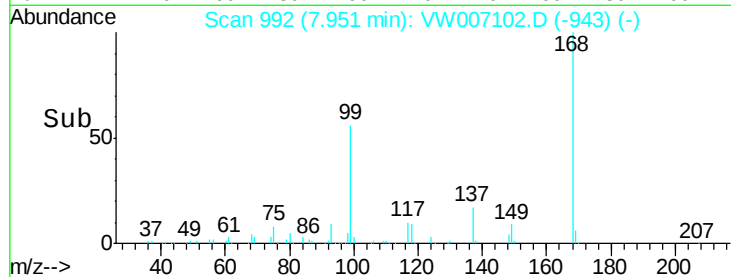
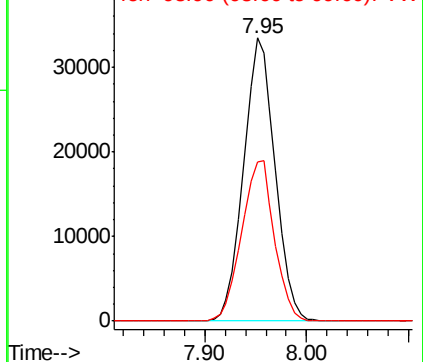
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: VW007102.D
 Acq: 27 Nov 2018 21:25

Instrument :
 MSVOA_W
 ClientSampleId :
 S49-0490

Tgt Ion:168 Resp: 71867
 Ion Ratio Lower Upper
 168 100
 99 56.2 48.2 72.4



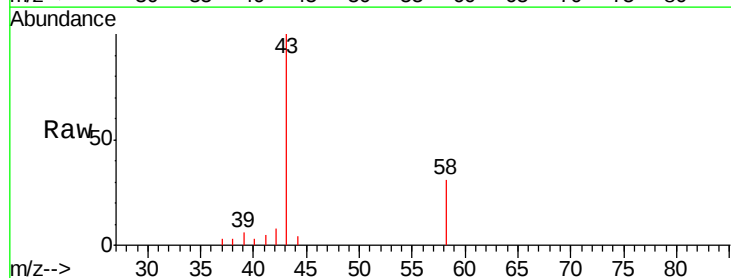
Abundance Ion 167.90 (167.60 to 168.60): V



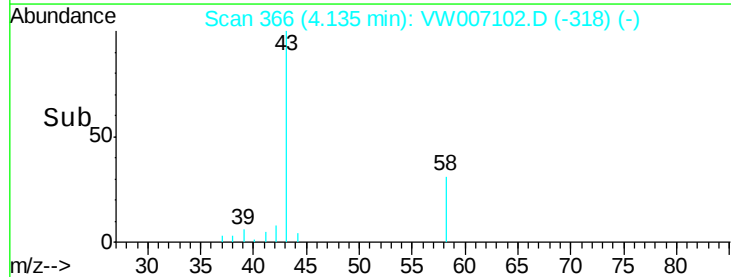
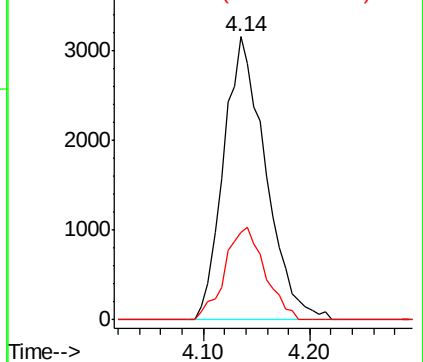
#16

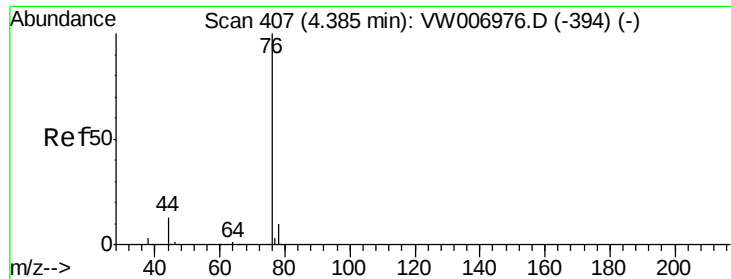
Acetone
 Concen: 85.21 ug/l
 RT: 4.14 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VW007102.D
 Acq: 27 Nov 2018 21:25

Tgt Ion: 43 Resp: 8705
 Ion Ratio Lower Upper
 43 100
 58 30.8 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW





#17

Carbon Disulfide

Concen: 1.76 ug/l

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW007102.D

Acq: 27 Nov 2018 21:25

Instrument :

MSVOA_W

ClientSampleId :

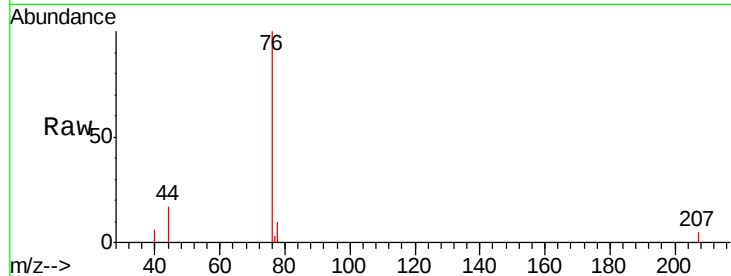
S49-0490

Tgt Ion: 76 Resp: 3700

Ion Ratio Lower Upper

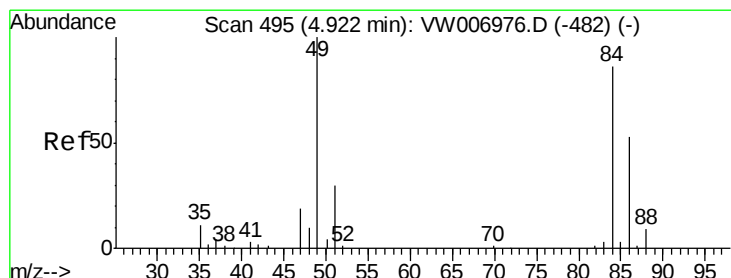
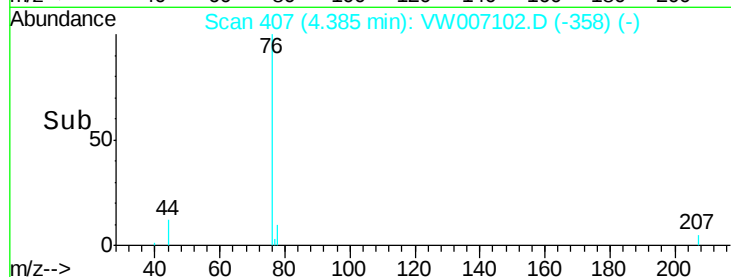
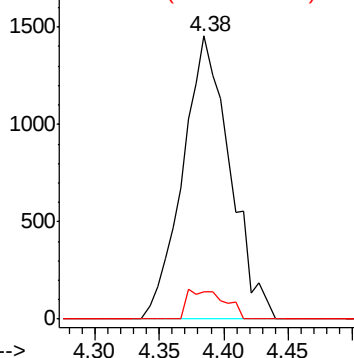
76 100

78 9.8 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 2.93 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007102.D

Acq: 27 Nov 2018 21:25

Tgt Ion: 84 Resp: 6524

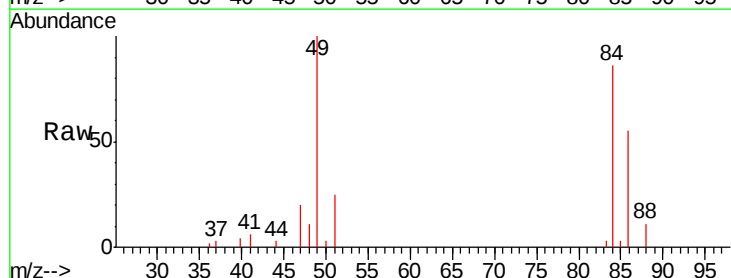
Ion Ratio Lower Upper

84 100

49 115.9 93.4 140.0

51 29.2 28.4 42.6

86 63.2 49.8 74.8

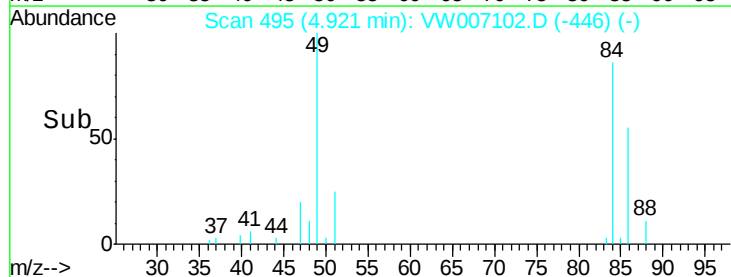
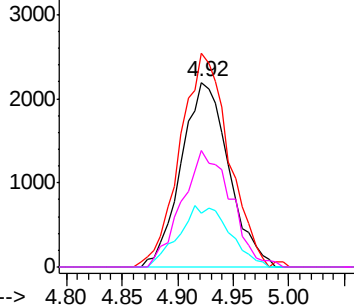


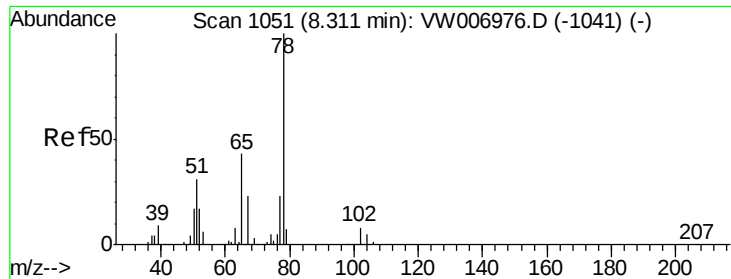
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#33

1,2-Dichloroethane-d4

Concen: 50.68 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007102.D

Acq: 27 Nov 2018 21:25

Instrument :

MSVOA_W

ClientSampleId :

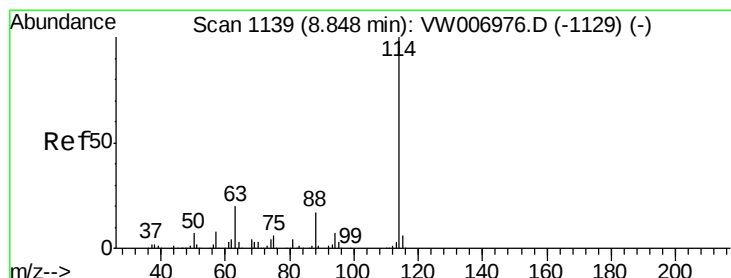
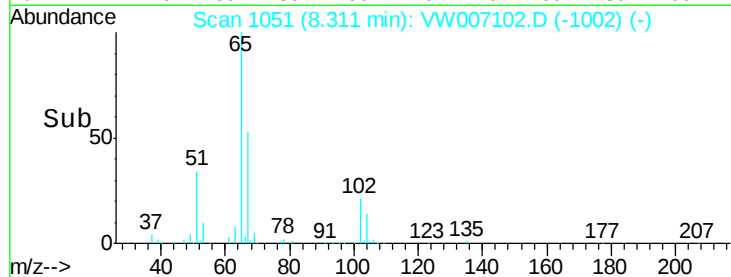
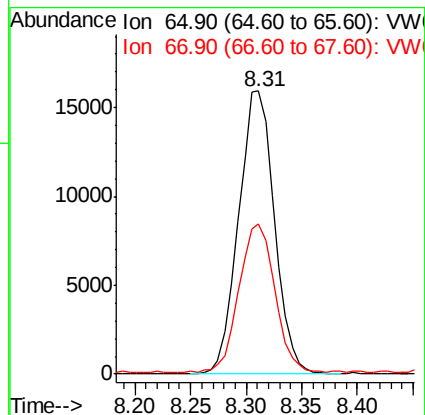
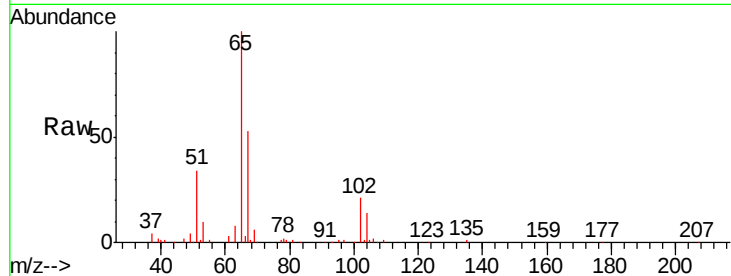
S49-0490

Tgt Ion: 65 Resp: 35660

Ion Ratio Lower Upper

65 100

67 52.5 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: VW007102.D

Acq: 27 Nov 2018 21:25

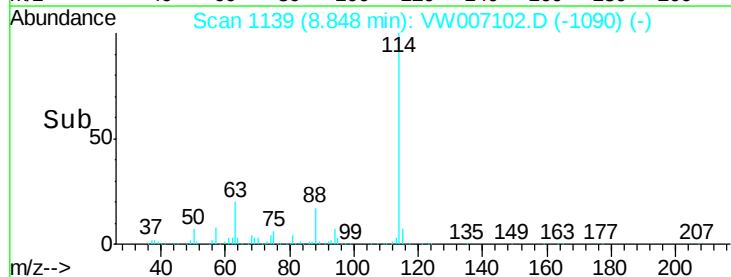
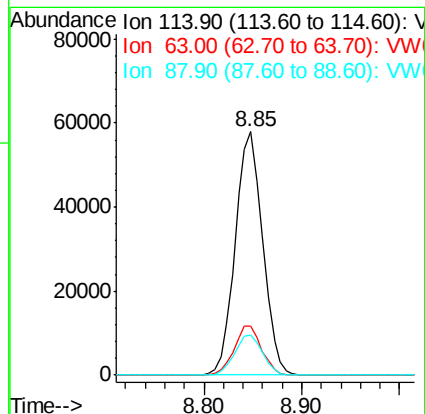
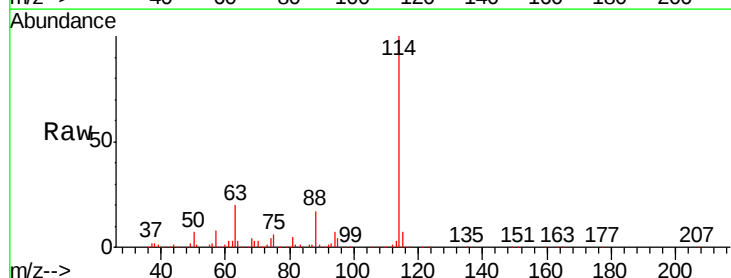
Tgt Ion: 114 Resp: 112504

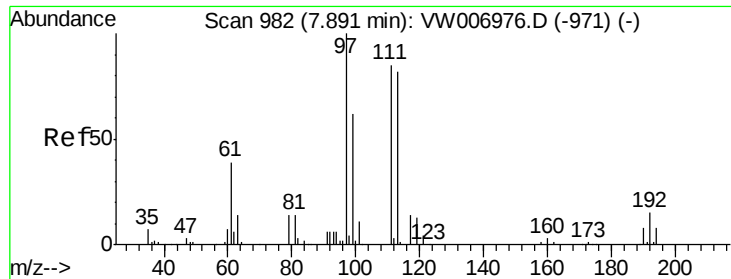
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.4

88 16.7 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.55 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW007102.D

Acq: 27 Nov 2018 21:25

Instrument :

MSVOA_W

ClientSampleId :

S49-0490

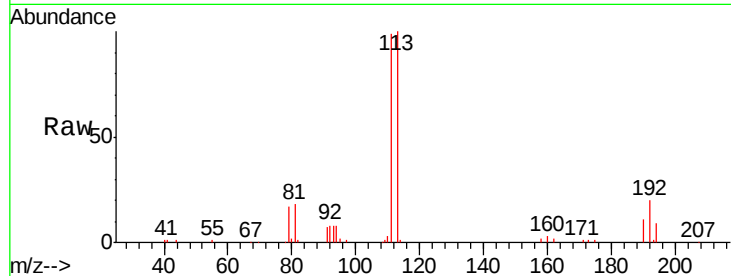
Tgt Ion:113 Resp: 31484

Ion Ratio Lower Upper

113 100

111 101.2 81.0 121.6

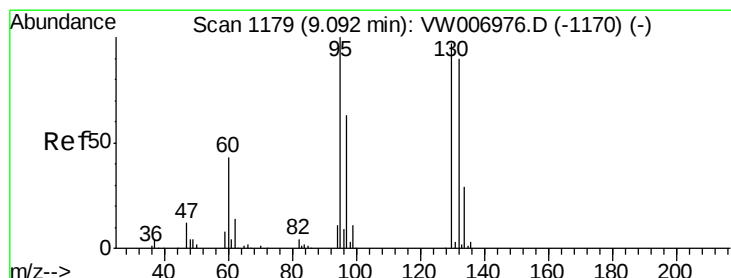
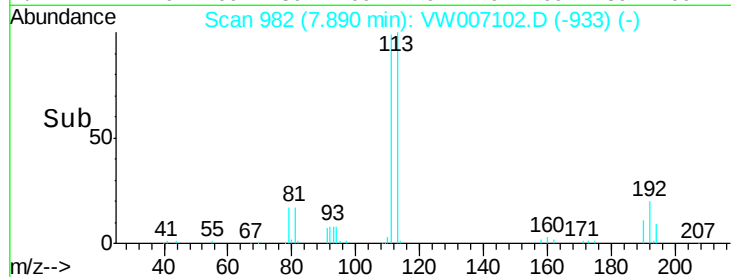
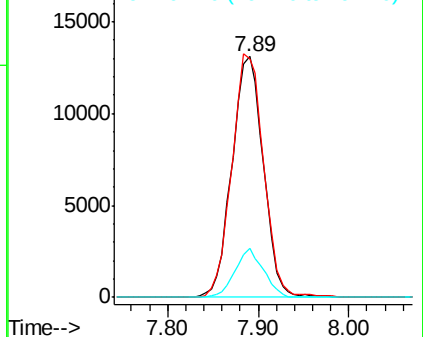
192 18.3 15.0 22.6



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



#44

Trichloroethene

Concen: 3.45 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007102.D

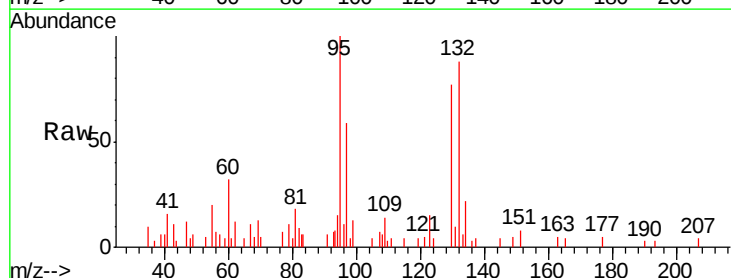
Acq: 27 Nov 2018 21:25

Tgt Ion:130 Resp: 2866

Ion Ratio Lower Upper

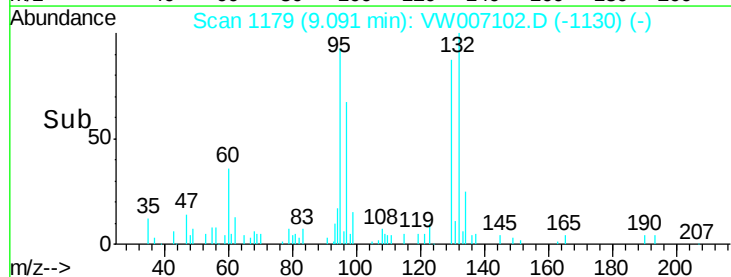
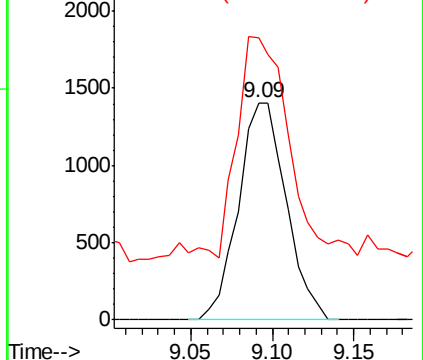
130 100

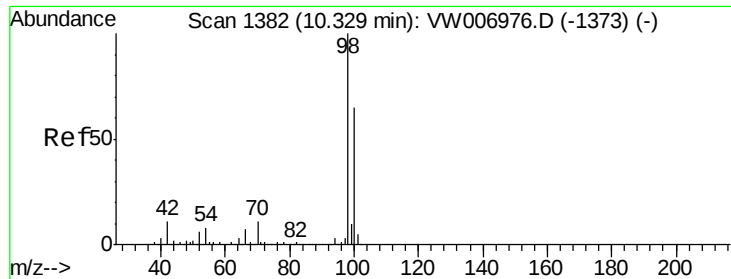
95 99.2 0.0 206.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VV





#50

Toluene-d8

Concen: 48.14 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007102.D

Acq: 27 Nov 2018 21:25

Instrument :

MSVOA_W

ClientSampleId :

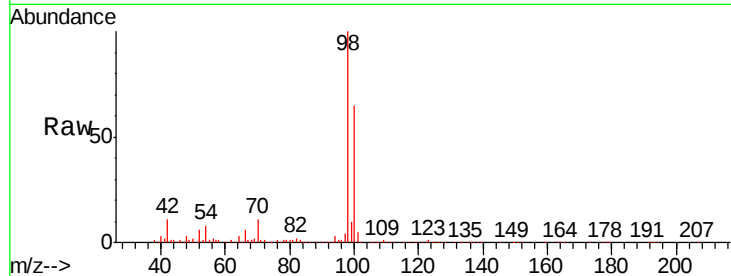
S49-0490

Tgt Ion: 98 Resp: 135050

Ion Ratio Lower Upper

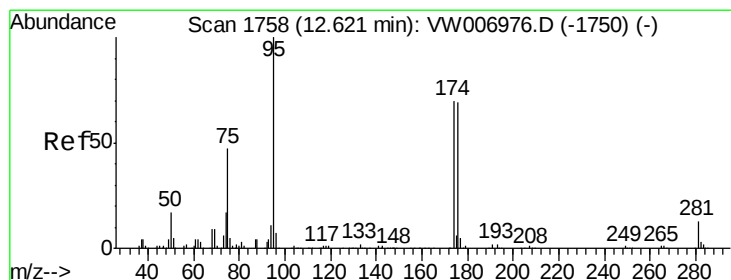
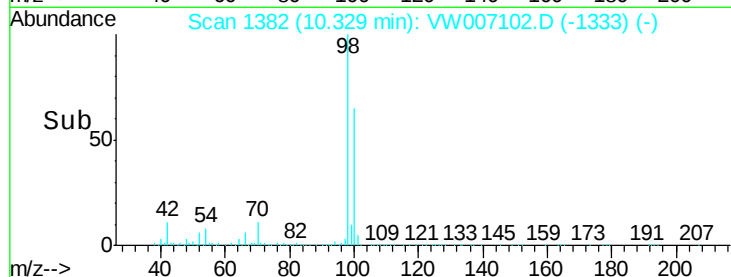
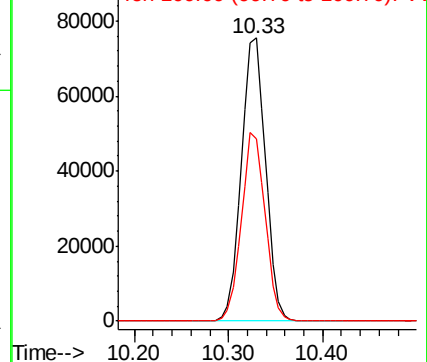
98 100

100 65.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 47.40 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007102.D

Acq: 27 Nov 2018 21:25

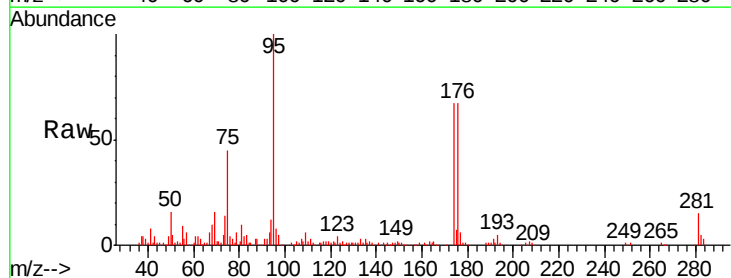
Tgt Ion: 95 Resp: 52333

Ion Ratio Lower Upper

95 100

174 67.7 0.0 143.6

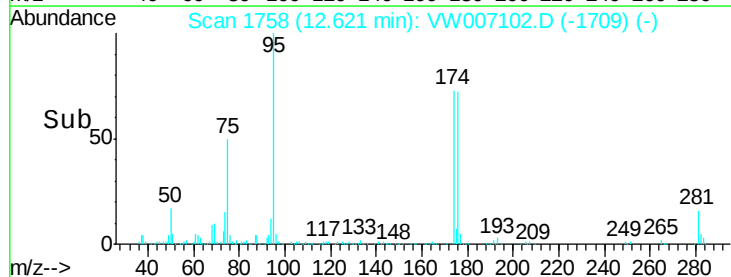
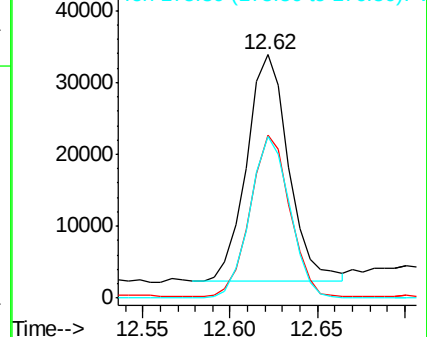
176 68.3 0.0 140.4

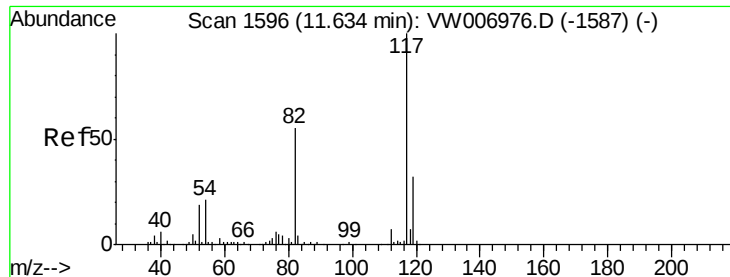


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

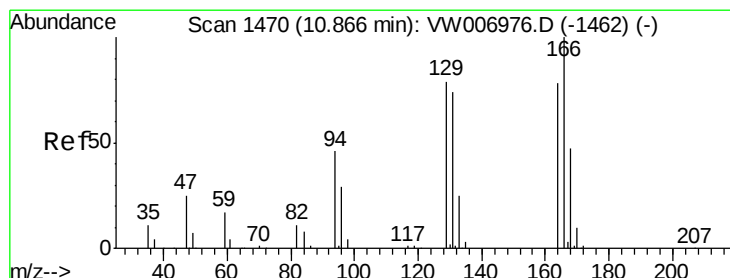
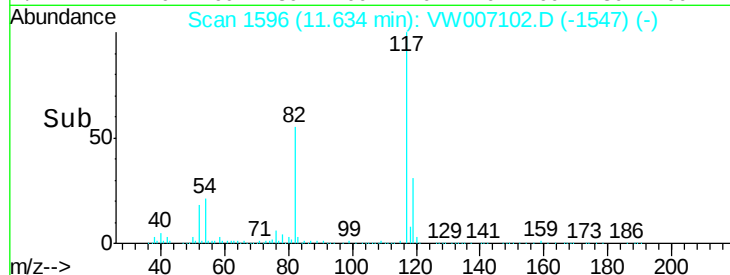
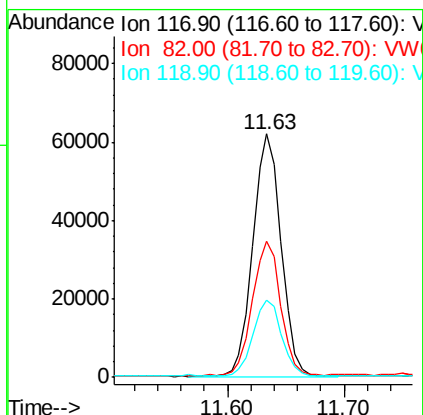
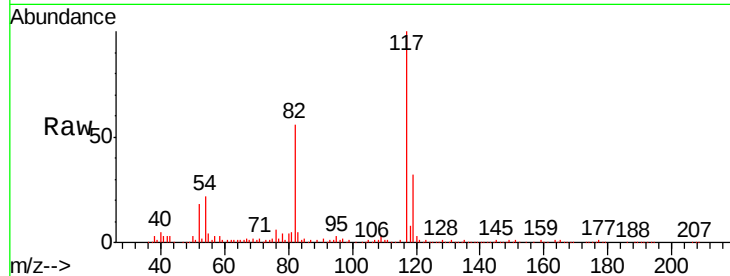




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007102.D
Acq: 27 Nov 2018 21:25

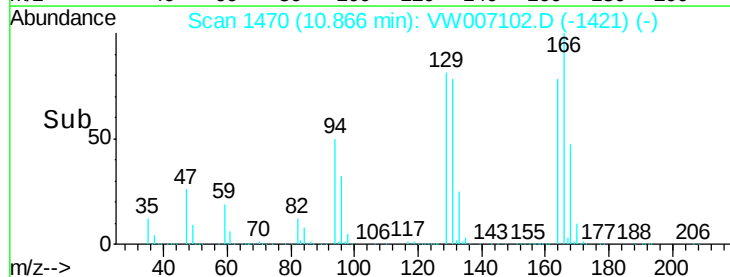
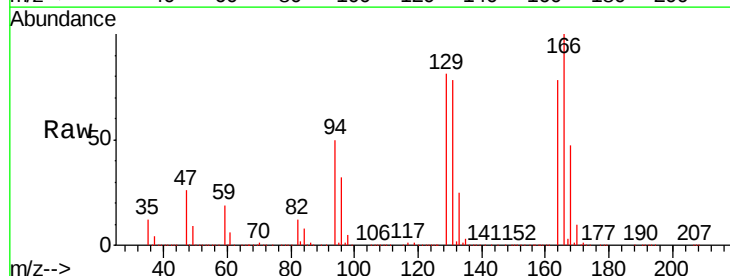
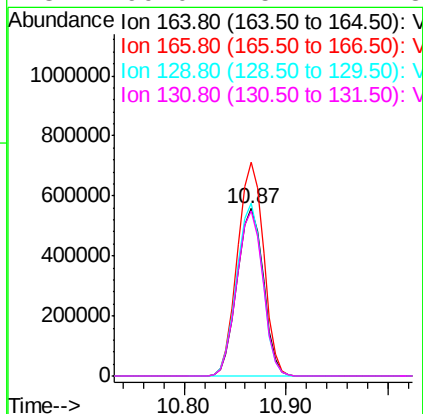
Instrument :
MSVOA_W
ClientSampleId :
S49-0490

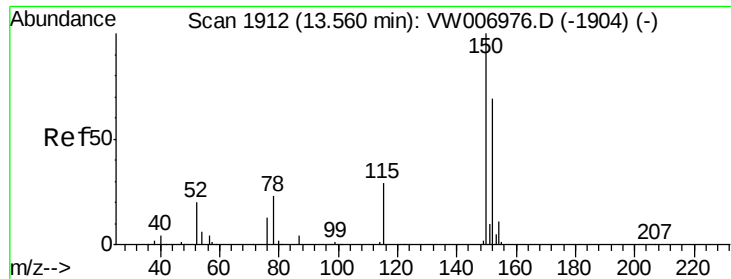
Tgt Ion:117 Resp: 104591
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 31.1 25.9 38.9



#64
Tetrachloroethene
Concen: 1477.77 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007102.D
Acq: 27 Nov 2018 21:25

Tgt Ion:164 Resp: 994329
Ion Ratio Lower Upper
164 100
166 127.7 102.1 153.1
129 103.4 80.4 120.6
131 99.0 75.2 112.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007102.D

Acq: 27 Nov 2018 21:25

Instrument :

MSVOA_W

ClientSampleId :

S49-0490

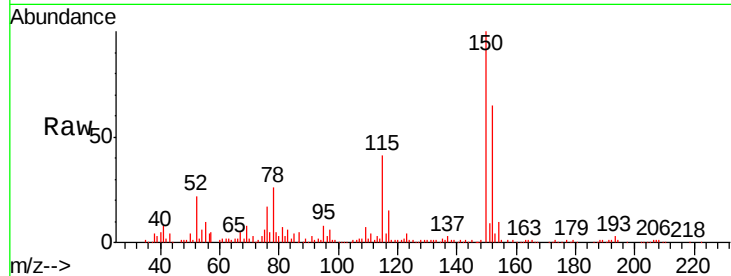
Tgt Ion:152 Resp: 48206

Ion Ratio Lower Upper

152 100

115 61.8 31.4 94.2

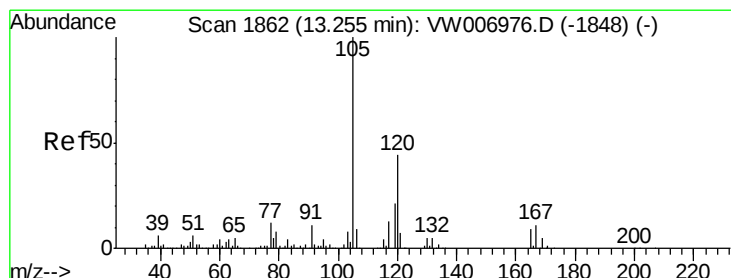
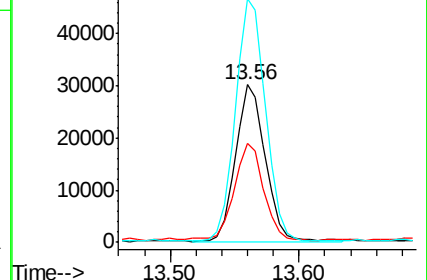
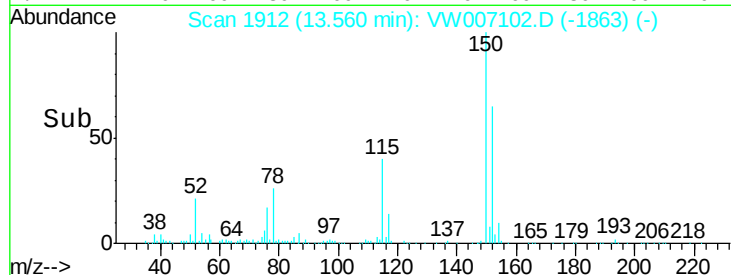
150 155.7 0.0 353.4



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



#84

1,2,4-Trimethylbenzene

Concen: 1.38 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007102.D

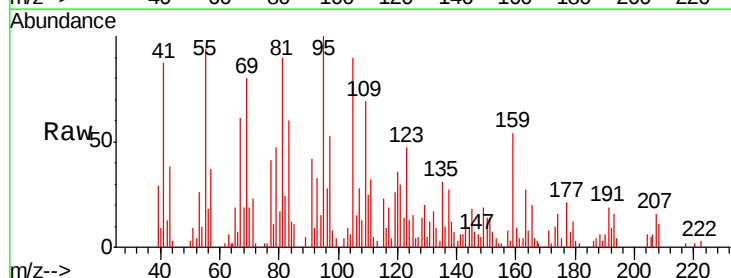
Acq: 27 Nov 2018 21:25

Tgt Ion:105 Resp: 4454

Ion Ratio Lower Upper

105 100

120 44.7 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

