

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005165.D
 Acq On : 06 Sep 2018 15:51
 Operator : SY/AP
 Sample : J4720-04RE
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BZTRANS-4RE

Quant Time: Sep 06 16:38:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	378862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	600444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	480339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	158142	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	227686	72.50	ug/l	0.00
Spiked Amount						
			Recovery	=	145.00%	
35) Dibromofluoromethane	7.89	113	203472	58.64	ug/l	0.00
Spiked Amount						
			Recovery	=	117.28%	
50) Toluene-d8	10.33	98	711556	44.50	ug/l	0.00
Spiked Amount						
			Recovery	=	89.00%	
62) 4-Bromofluorobenzene	12.63	95	198668	35.24	ug/l	0.00
Spiked Amount						
			Recovery	=	70.48%	

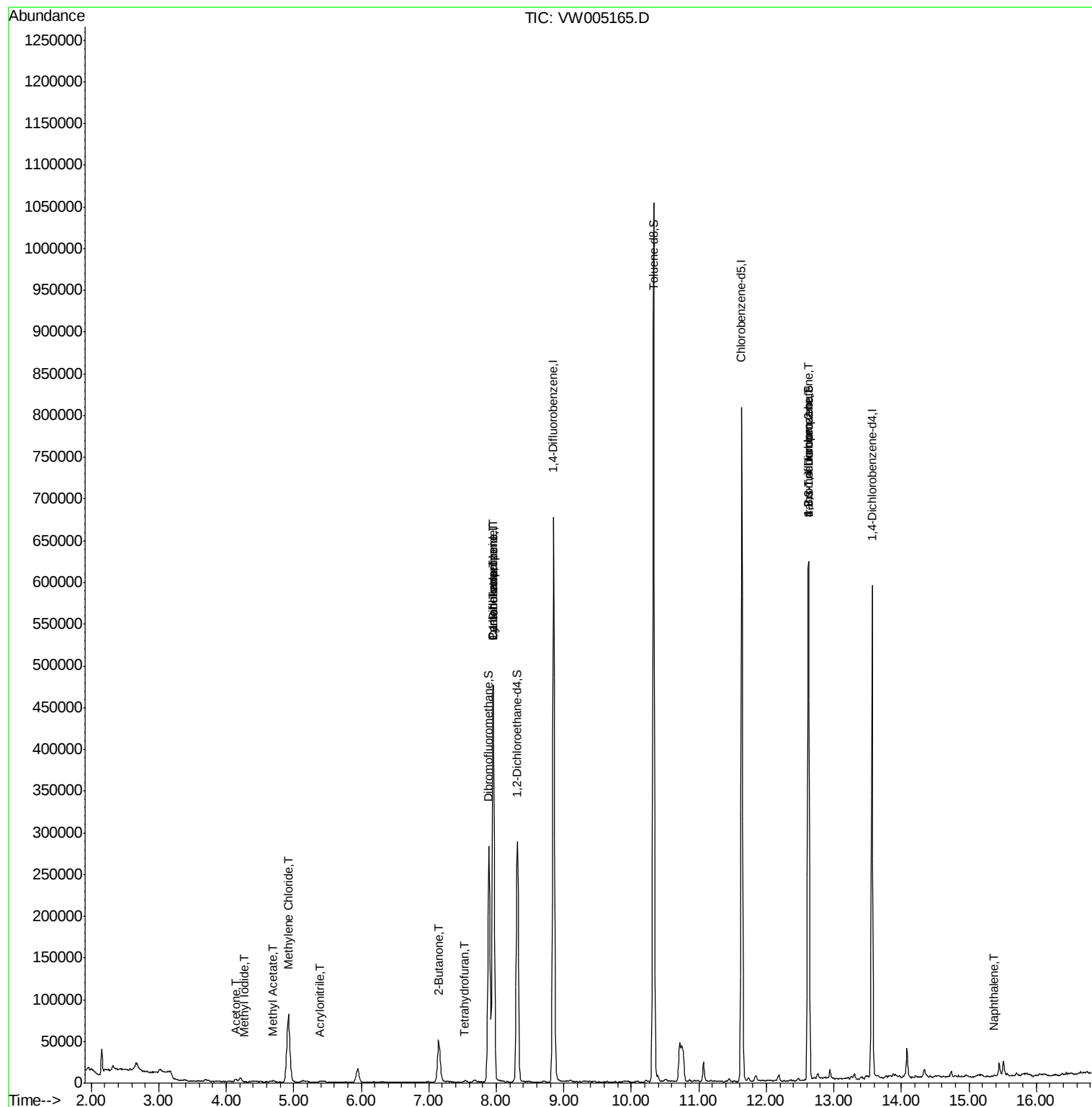
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.78	94	839	Below Cal	#	56
10) Methyl Iodide	4.26	142	199	3.856	ug/l #	44
11) Tert butyl alcohol	5.13	59	1488	Below Cal	#	72
15) Acrylonitrile	5.38	53	809	1.094	ug/l #	78
16) Acetone	4.14	43	5704	9.056	ug/l	97
18) Methyl Acetate	4.69	43	2864	1.546	ug/l	90
20) Methylene Chloride	4.92	84	66763	12.794	ug/l	95
25) 2-Butanone	7.15	43	2953	2.703	ug/l #	63
29) Tetrahydrofuran	7.52	42	1159	2.076	ug/l #	87
31) Cyclohexane	7.96	56	6799	1.102	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	27271	4.769	ug/l #	48
38) Carbon Tetrachloride	7.96	117	34103	6.272	ug/l #	16
76) 1,2,3-Trichloropropane	12.63	75	92349	77.797	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	92349	187.249	ug/l #	15
95) Naphthalene	15.38	128	1149	4.165	ug/l #	86

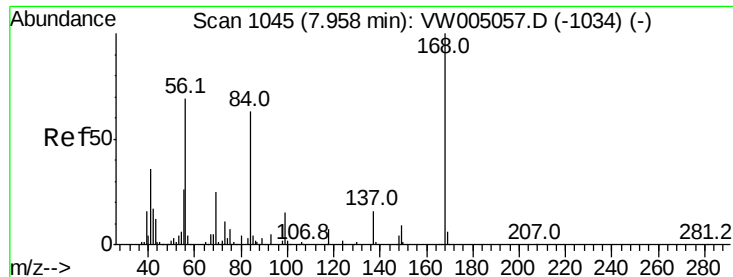
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090618\
Data File : VW005165.D
Acq On : 06 Sep 2018 15:51
Operator : SY/AP
Sample : J4720-04RE
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BZTRANS-4RE

Quant Time: Sep 06 16:38:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005165.D

Acq: 06 Sep 2018 15:51

Instrument :

MSVOA_W

ClientSampleId :

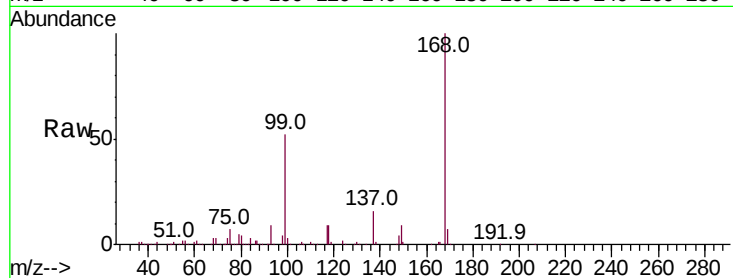
BZTRANS-4RE

Tot Ion:168 Resp: 378862

Ion Ratio Lower Upper

168 100

99 51.7 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

200000

150000

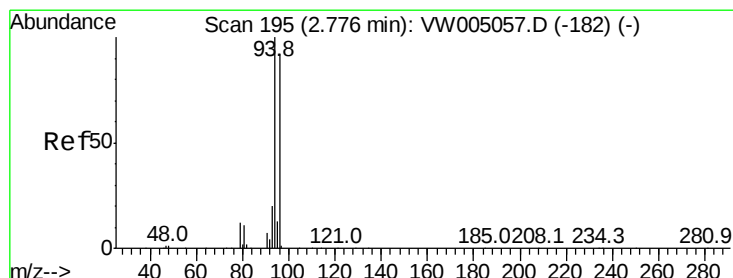
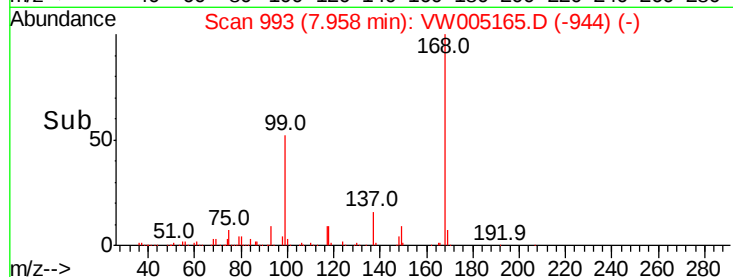
100000

50000

0

7.90 8.00

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW005165.D

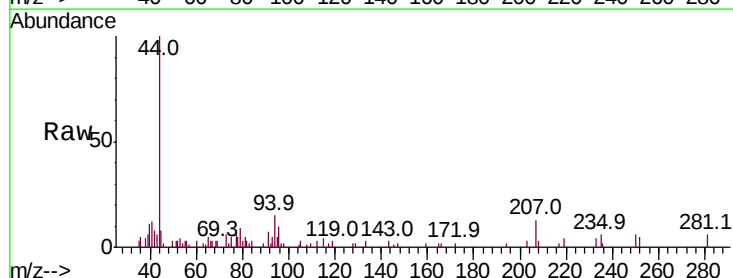
Acq: 06 Sep 2018 15:51

Tgt Ion: 94 Resp: 839

Ion Ratio Lower Upper

94 100

96 49.2 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

600

500

400

300

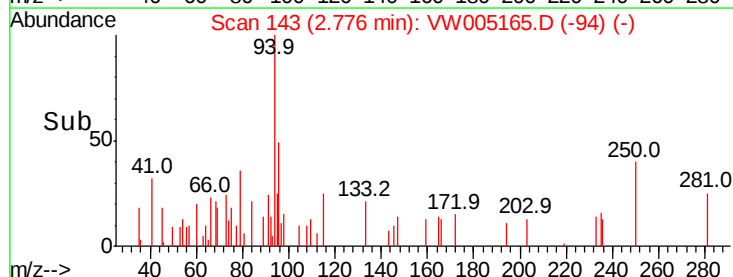
200

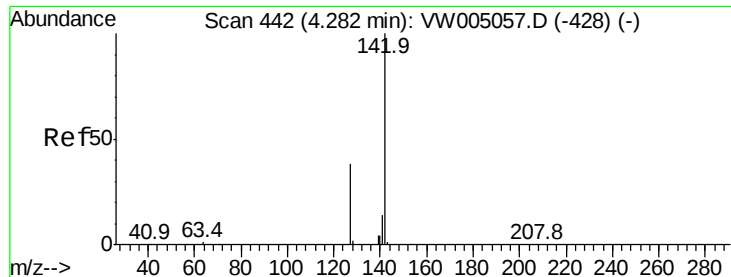
100

0

2.70 2.75 2.80

Time-->

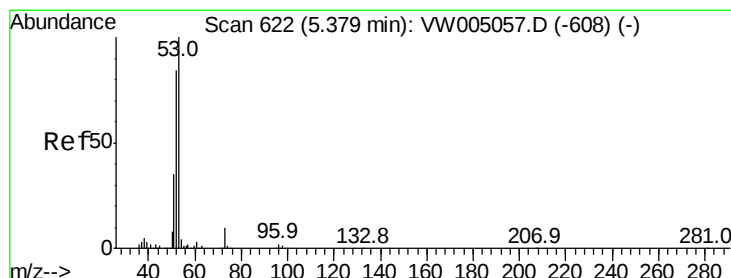
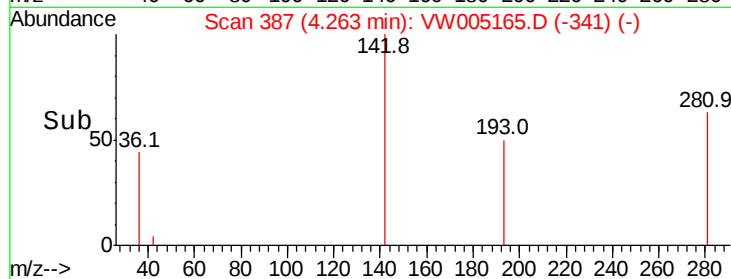
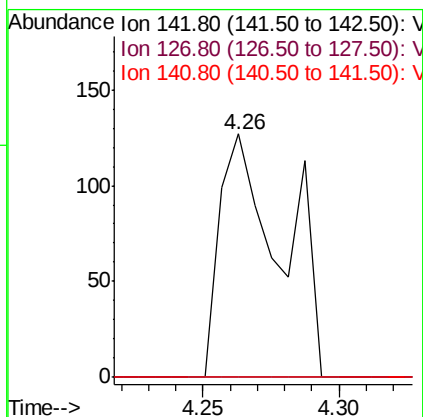
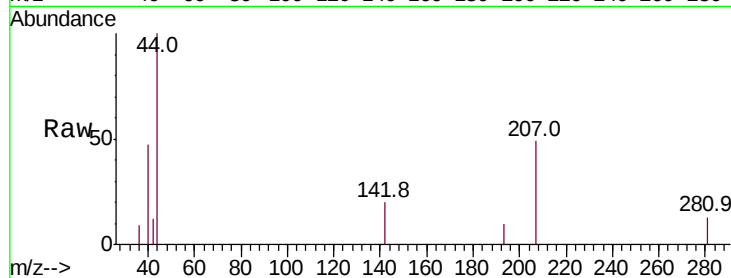




#10
Methyl Iodide
Concen: 3.856 ug/l
RT: 4.26 min Scan# 387
Delta R.T. -0.02 min
Lab File: VW005165.D
Acq: 06 Sep 2018 15:51

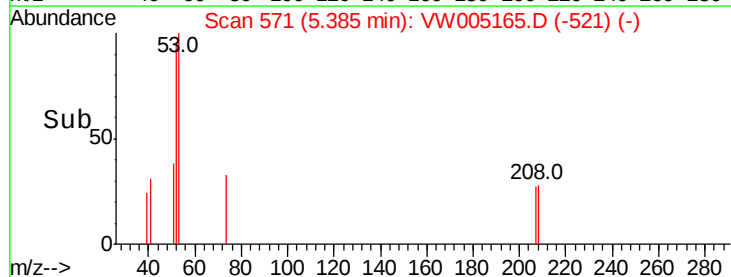
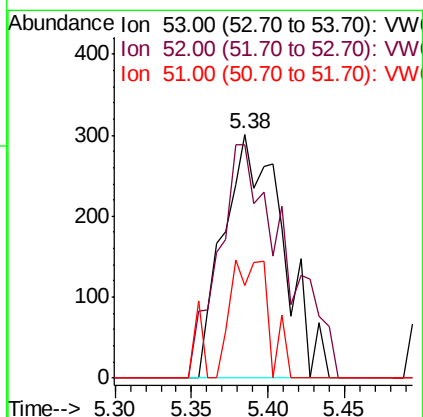
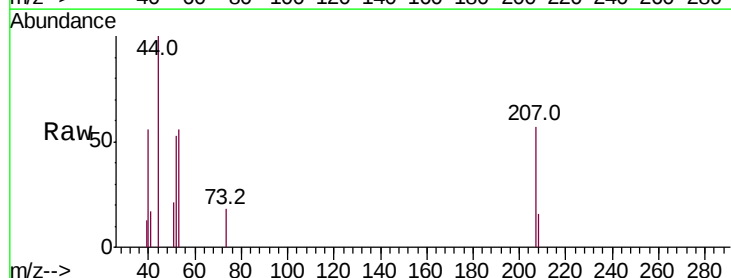
Instrument :
MSVOA_W
ClientSampleId :
BZTRANS-4RE

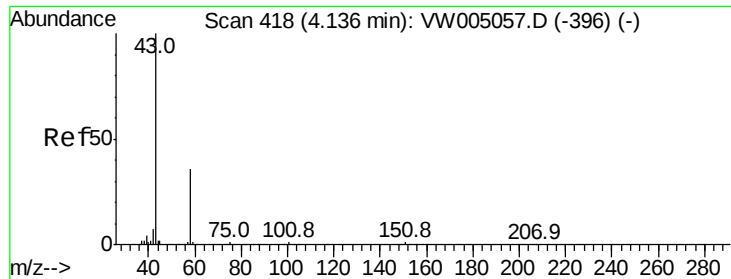
Tot Ion:142 Resp: 199
Ion Ratio Lower Upper
142 100
127 0.0 30.8 46.2#
141 0.0 11.6 17.4#



#15
Acrylonitrile
Concen: 1.094 ug/l
RT: 5.38 min Scan# 571
Delta R.T. 0.01 min
Lab File: VW005165.D
Acq: 06 Sep 2018 15:51

Tgt Ion: 53 Resp: 809
Ion Ratio Lower Upper
53 100
52 106.7 65.7 98.5#
51 30.9 28.8 43.2





#16

Acetone

Concen: 9.056 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005165.D

Acq: 06 Sep 2018 15:51

Instrument :

MSVOA_W

ClientSampleId :

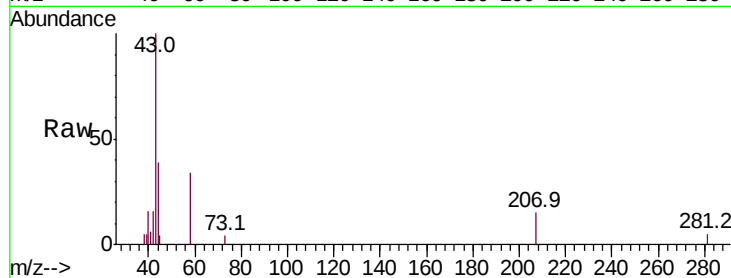
BZTRANS-4RE

Tot Ion: 43 Resp: 5704

Ion Ratio Lower Upper

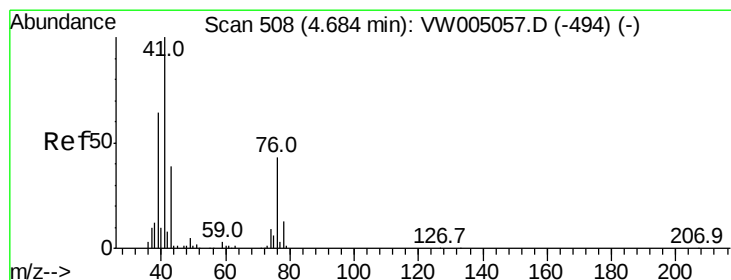
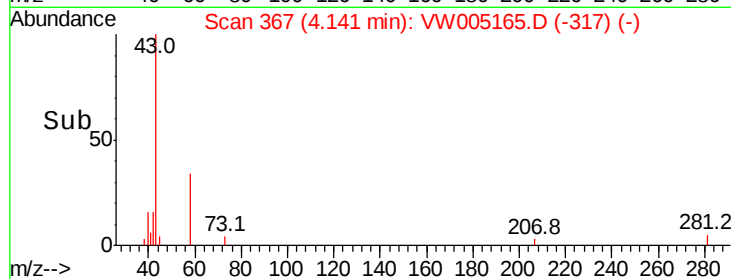
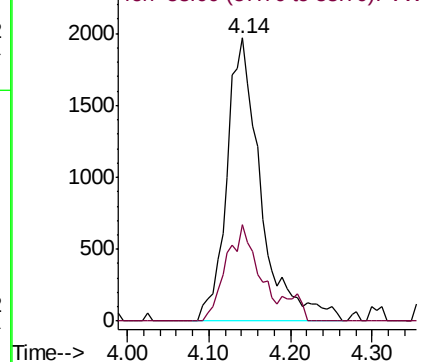
43 100

58 34.3 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 1.546 ug/l

RT: 4.69 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW005165.D

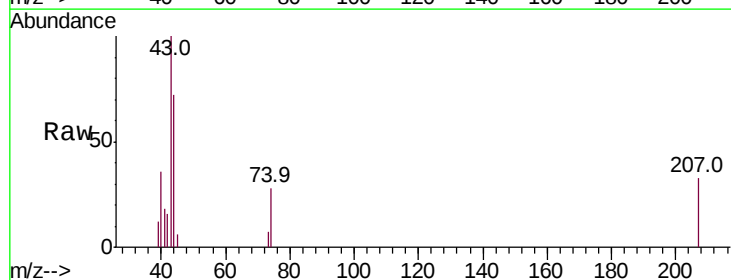
Acq: 06 Sep 2018 15:51

Tgt Ion: 43 Resp: 2864

Ion Ratio Lower Upper

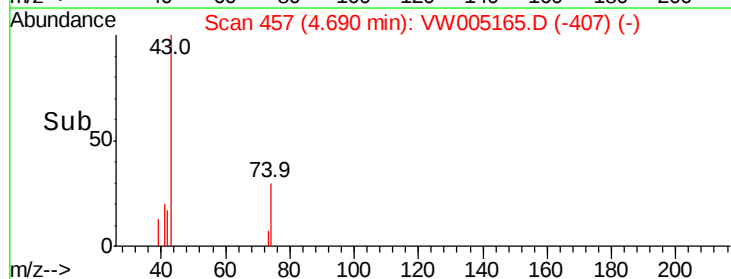
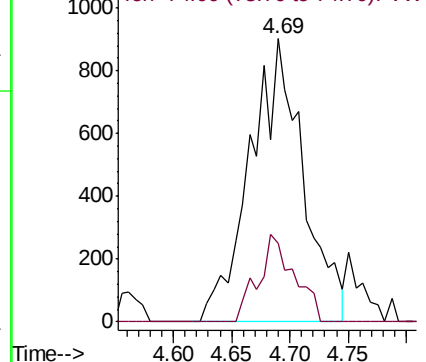
43 100

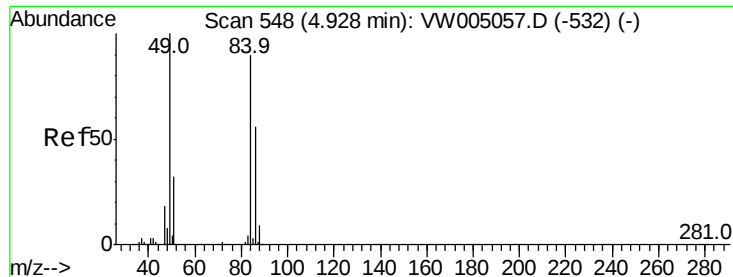
74 20.9 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

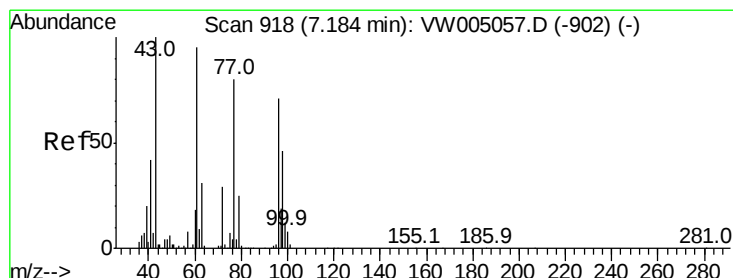
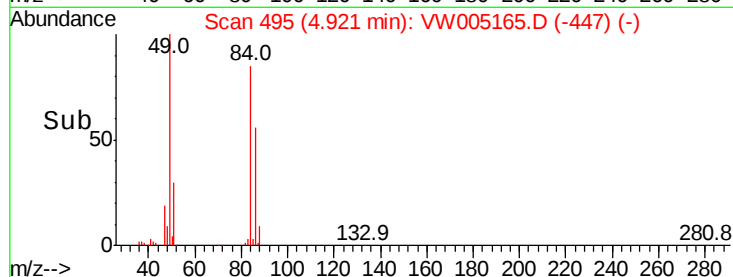
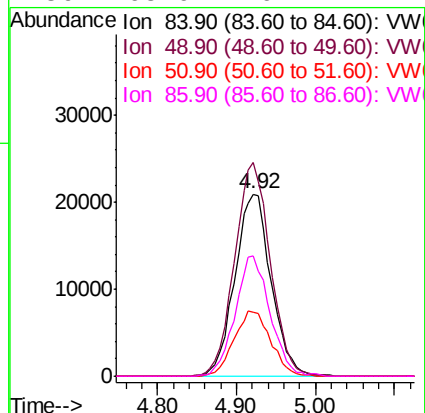
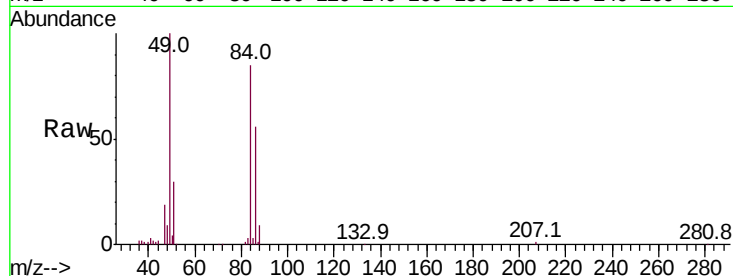




#20
Methylene Chloride
Concen: 12.794 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005165.D
Acq: 06 Sep 2018 15:51

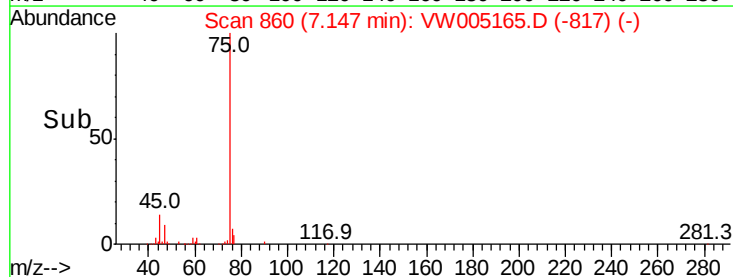
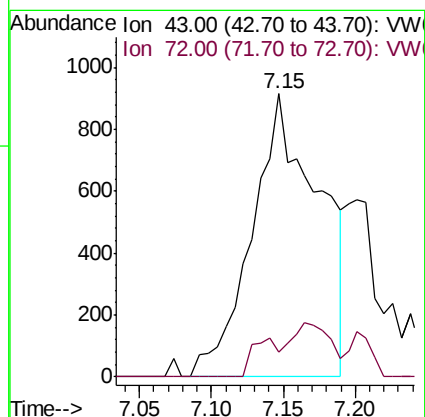
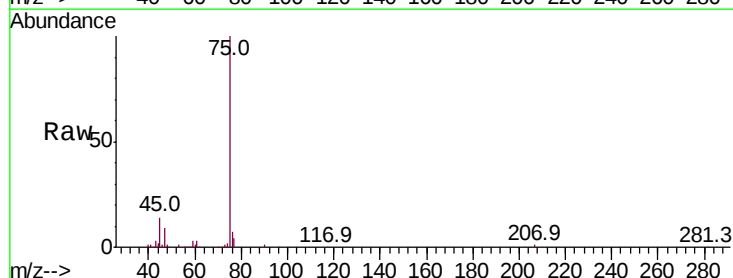
Instrument :
MSVOA_W
ClientSampleId :
BZTRANS-4RE

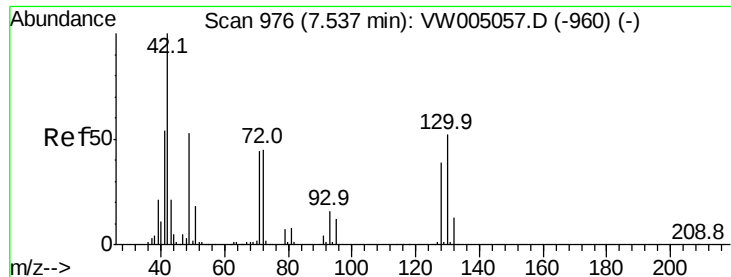
Tot Ion: 84 Resp: 66763
Ion Ratio Lower Upper
84 100
49 117.4 88.7 133.1
51 34.9 28.6 42.8
86 65.9 49.4 74.2



#25
2-Butanone
Concen: 2.703 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.04 min
Lab File: VW005165.D
Acq: 06 Sep 2018 15:51

Tgt Ion: 43 Resp: 2953
Ion Ratio Lower Upper
43 100
72 9.0 23.1 34.7#





#29

Tetrahydrofuran

Concen: 2.076 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW005165.D

Acq: 06 Sep 2018 15:51

Instrument :

MSVOA_W

ClientSampleId :

BZTRANS-4RE

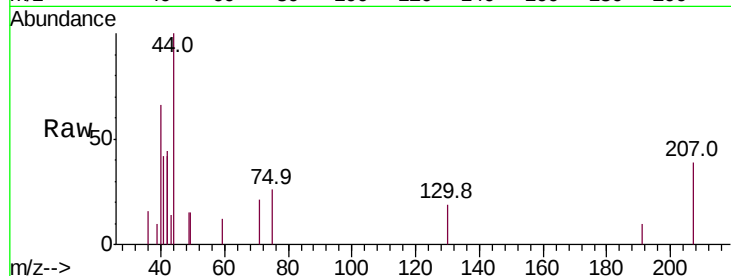
Tot Ion: 42 Resp: 1159

Ion Ratio Lower Upper

42 100

72 39.9 37.0 55.4

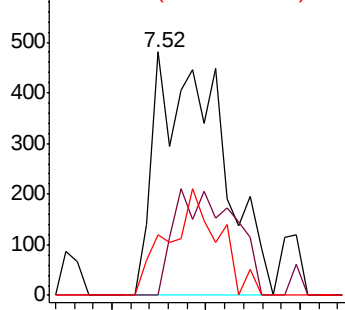
71 33.6 35.0 52.6#



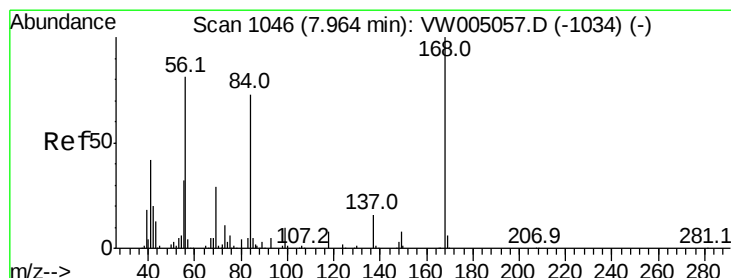
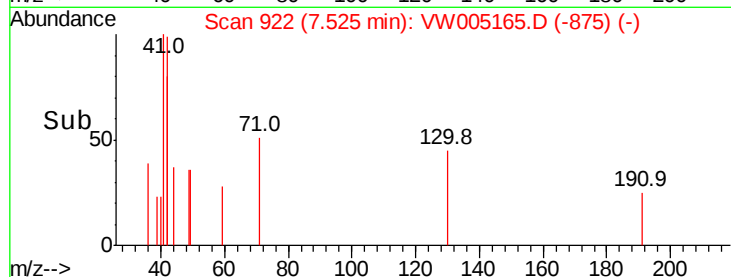
Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



Time-->



#31

Cyclohexane

Concen: 1.102 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.01 min

Lab File: VW005165.D

Acq: 06 Sep 2018 15:51

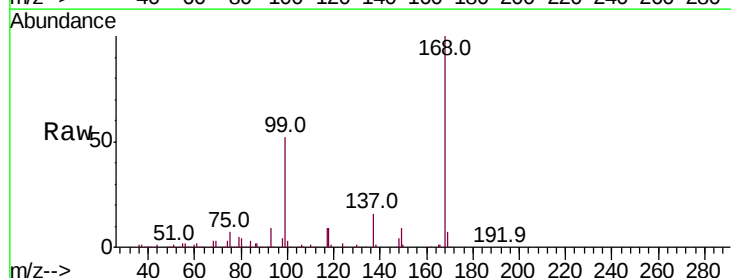
Tgt Ion: 56 Resp: 6799

Ion Ratio Lower Upper

56 100

69 182.8 28.2 42.2#

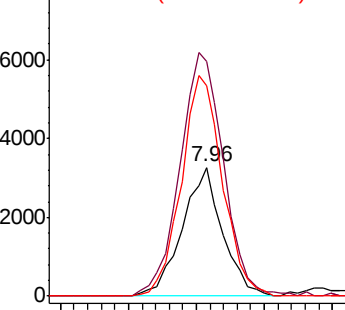
84 163.9 71.8 107.8#



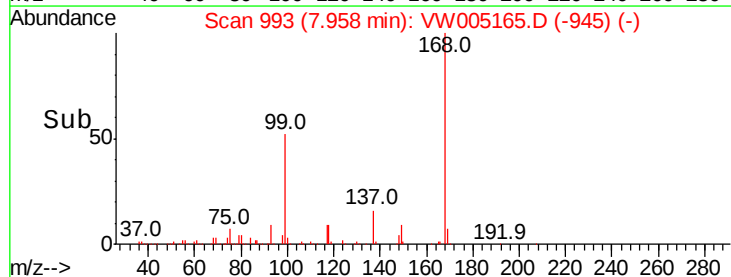
Abundance Ion 56.00 (55.70 to 56.70): VW

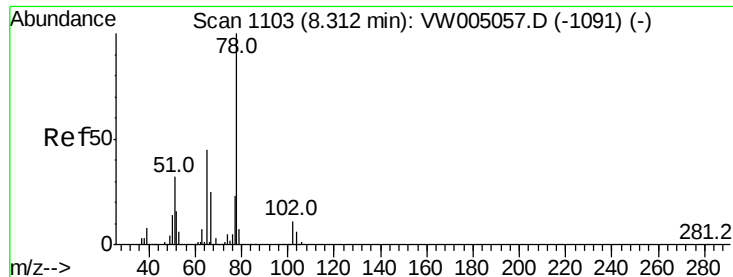
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



Time-->





#33

1,2-Dichloroethane-d4

Concen: 72.498 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VW005165.D

Acq: 06 Sep 2018 15:51

Instrument :

MSVOA_W

ClientSampleId :

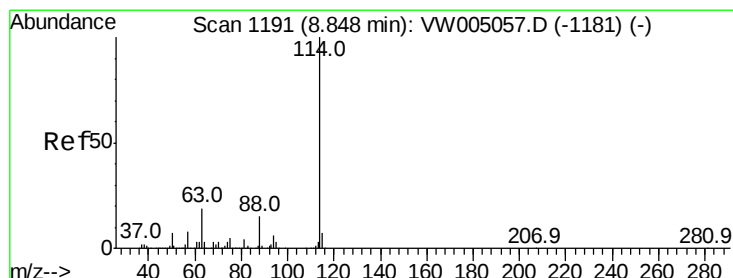
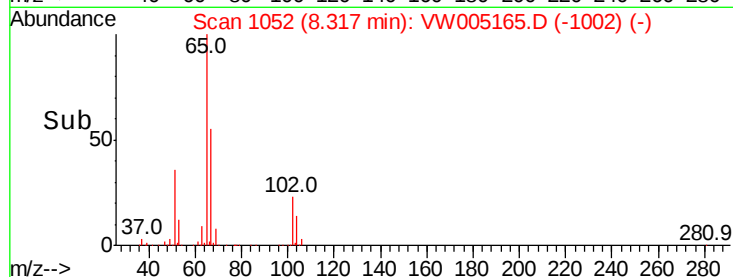
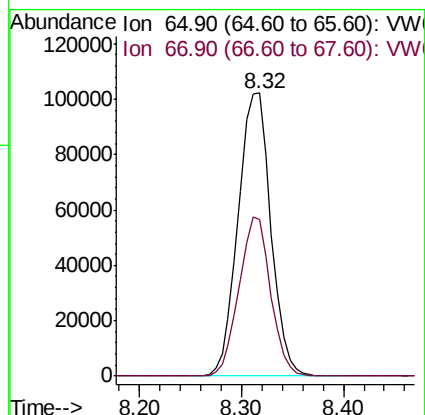
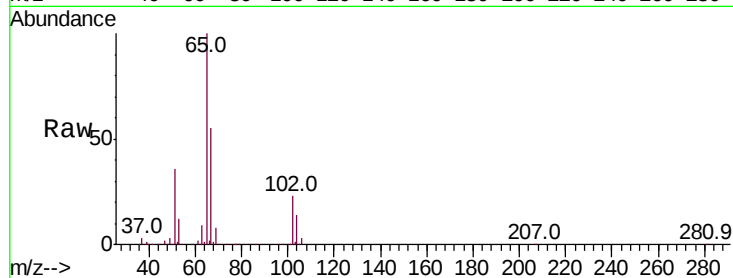
BZTRANS-4RE

Tot Ion: 65 Resp: 227686

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005165.D

Acq: 06 Sep 2018 15:51

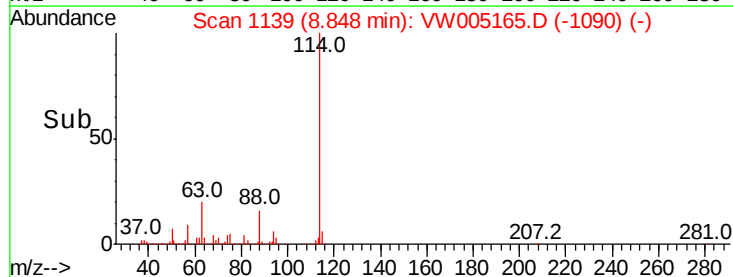
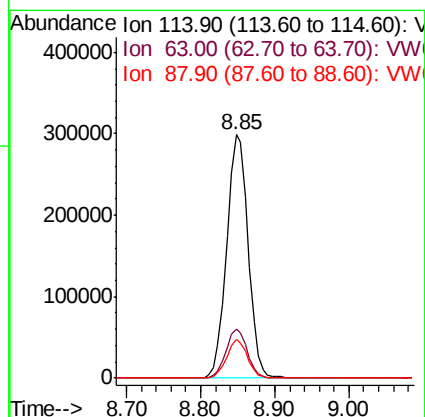
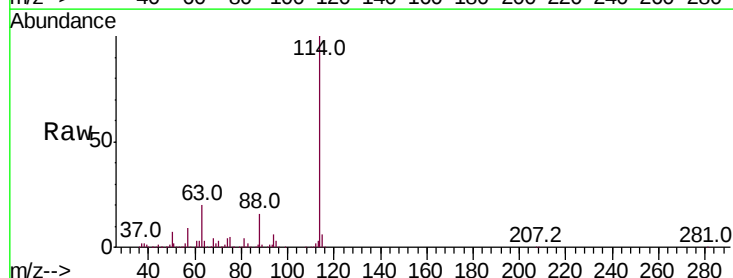
Tgt Ion: 114 Resp: 600444

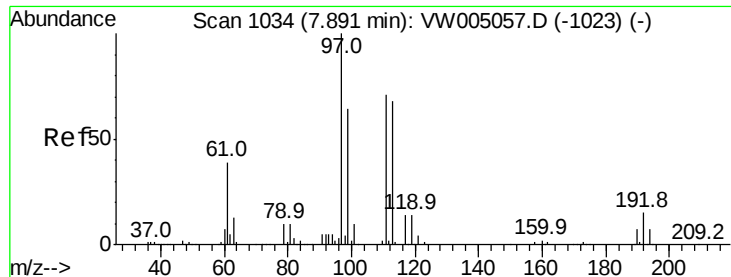
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.0

88 15.8 0.0 30.2

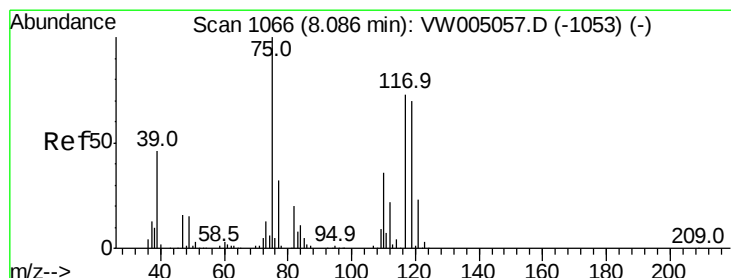
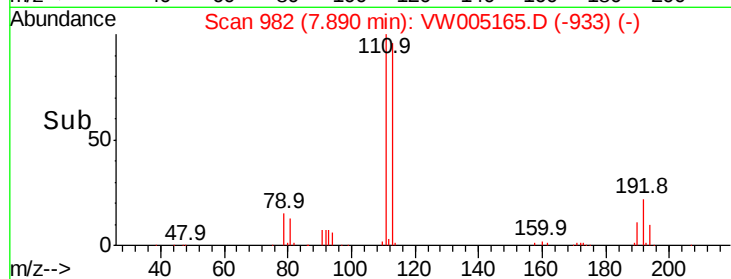
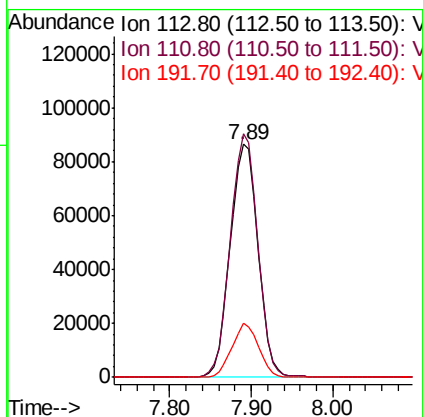
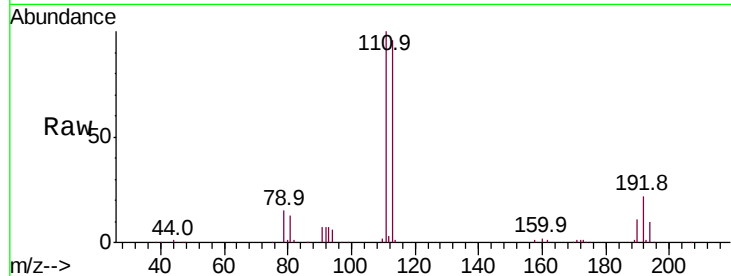




#35
 Dibromofluoromethane
 Concen: 58.640 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005165.D
 Acq: 06 Sep 2018 15:51

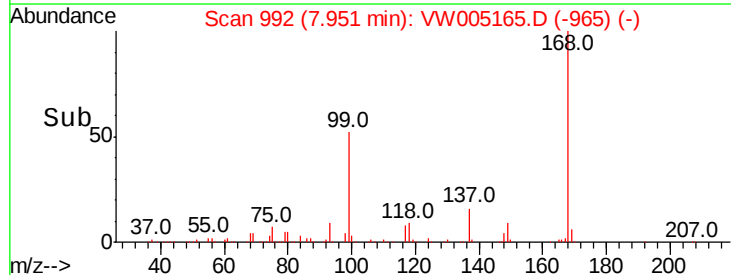
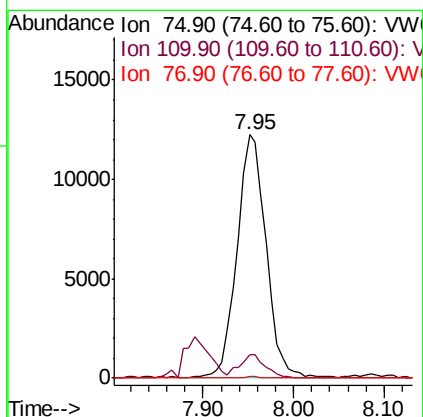
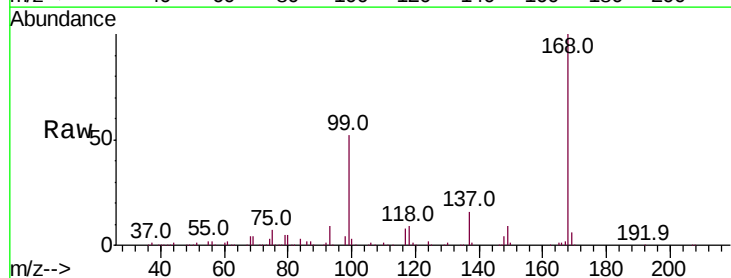
Instrument :
 MSVOA_W
 ClientSampleId :
 BZTRANS-4RE

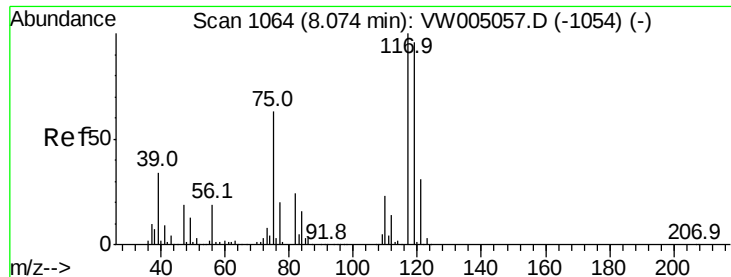
Tot Ion:113 Resp: 203472
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.2
 192 22.2 18.1 27.1



#36
 1,1-Dichloropropene
 Concen: 4.769 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005165.D
 Acq: 06 Sep 2018 15:51

Tgt Ion: 75 Resp: 27271
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.9 56.7#
 77 0.3 25.5 38.3#





#38

Carbon Tetrachloride

Concen: 6.272 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW005165.D

Acq: 06 Sep 2018 15:51

Instrument :

MSVOA_W

ClientSampleId :

BZTRANS-4RE

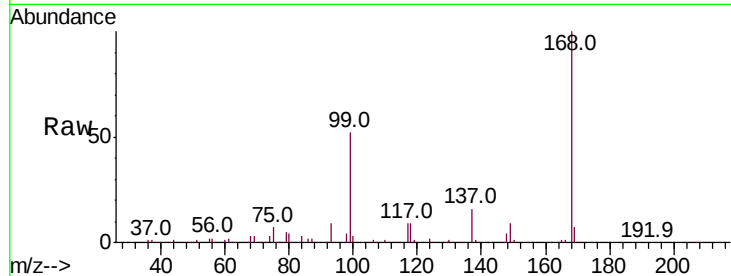
Tot Ion:117 Resp: 34103

Ion Ratio Lower Upper

117 100

119 5.5 76.6 115.0#

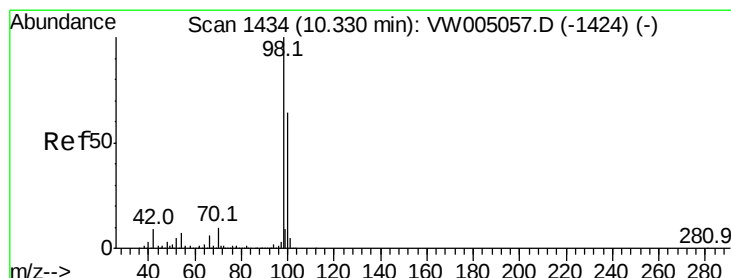
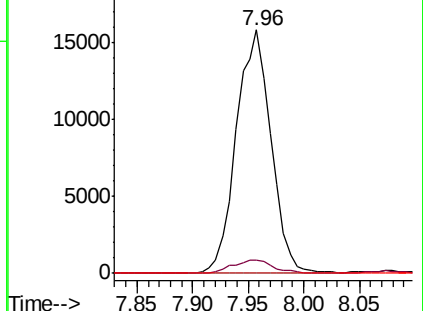
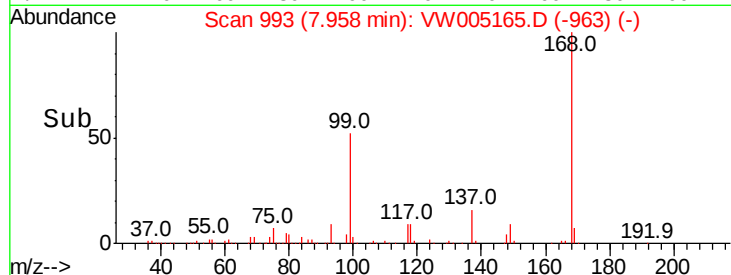
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 44.504 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005165.D

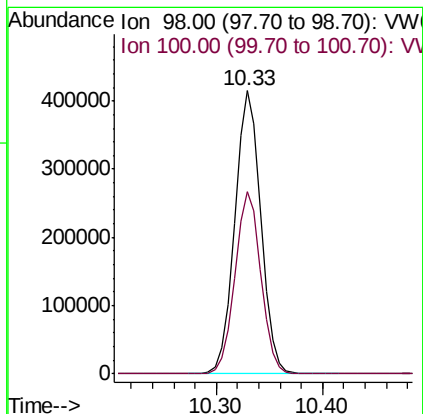
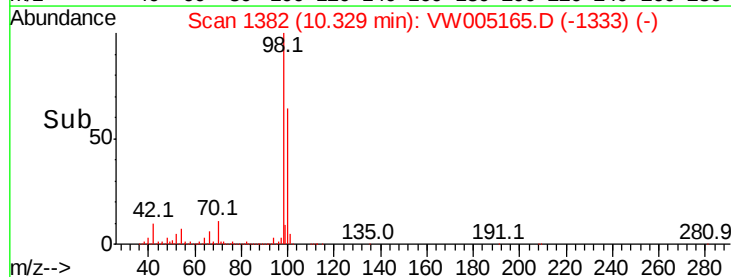
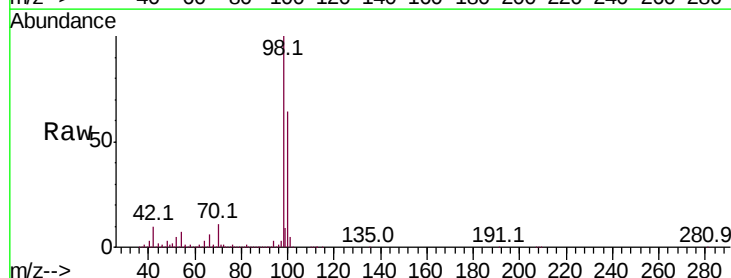
Acq: 06 Sep 2018 15:51

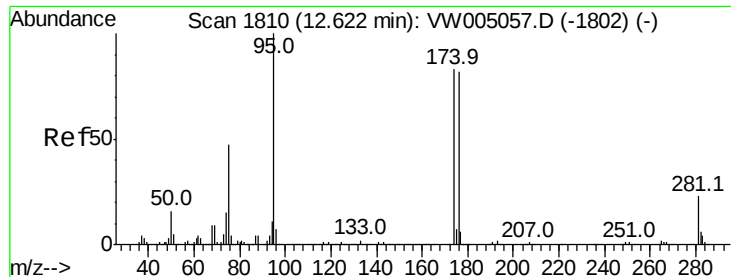
Tgt Ion: 98 Resp: 711556

Ion Ratio Lower Upper

98 100

100 64.2 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 35.239 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005165.D

Acq: 06 Sep 2018 15:51

Instrument :

MSVOA_W

ClientSampleId :

BZTRANS-4RE

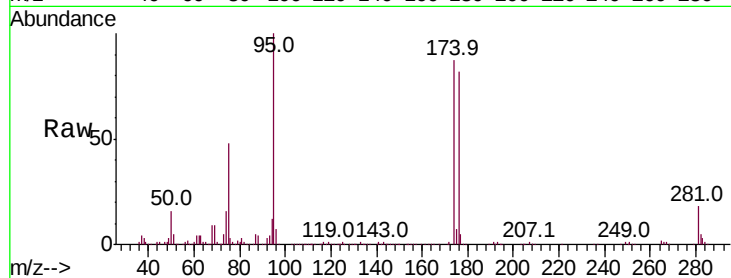
Tot Ion: 95 Resp: 198668

Ion Ratio Lower Upper

95 100

174 84.7 0.0 173.4

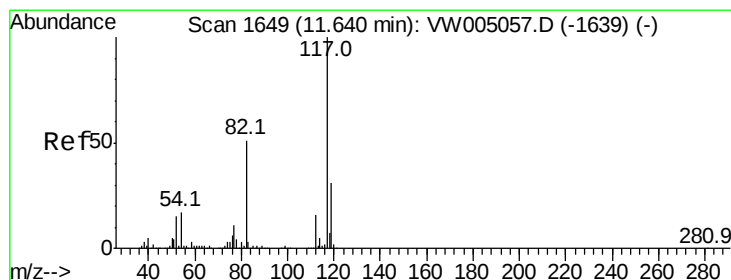
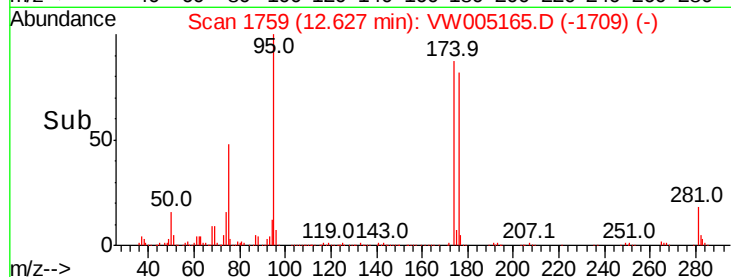
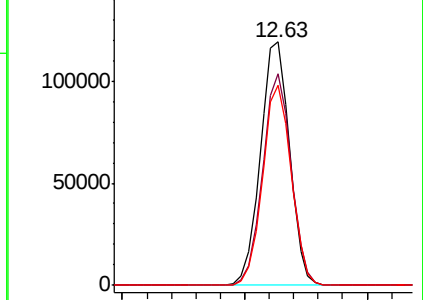
176 80.2 0.0 167.4



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: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.01 min

Lab File: VW005165.D

Acq: 06 Sep 2018 15:51

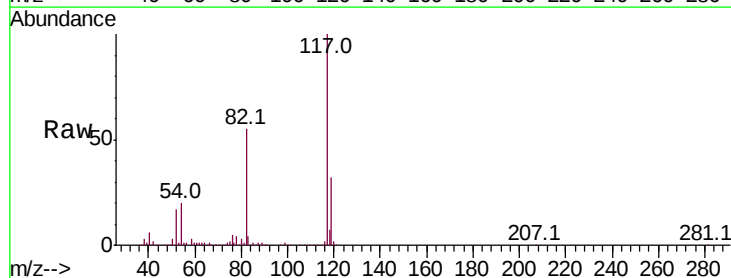
Tgt Ion: 117 Resp: 480339

Ion Ratio Lower Upper

117 100

82 54.7 40.9 61.3

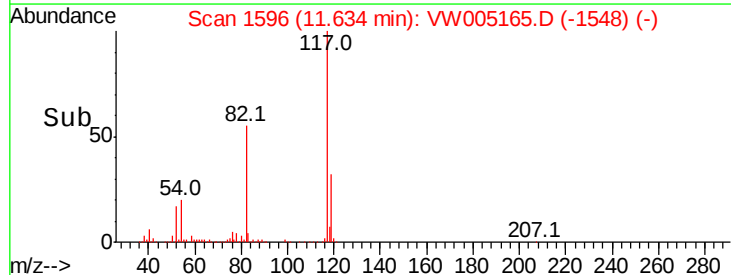
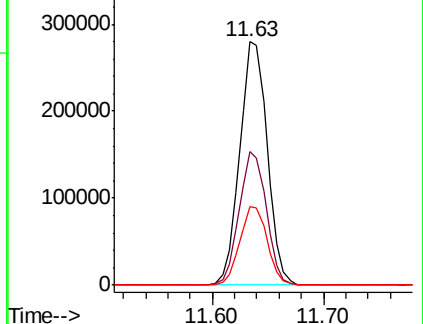
119 32.1 24.9 37.3

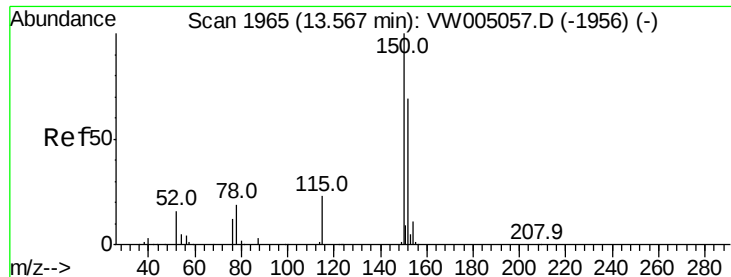


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



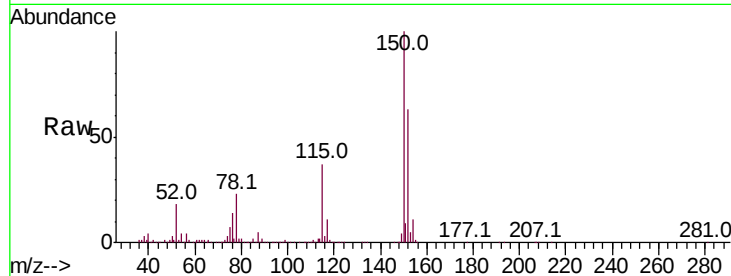


#72

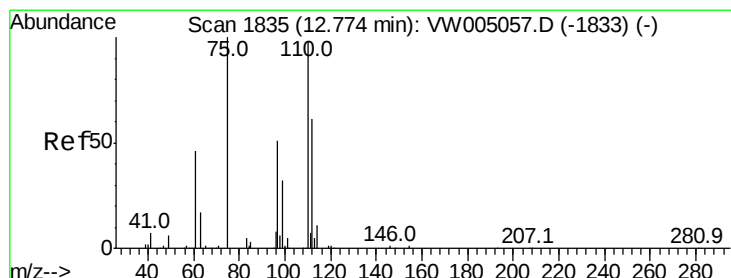
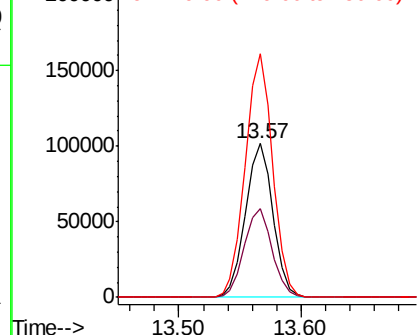
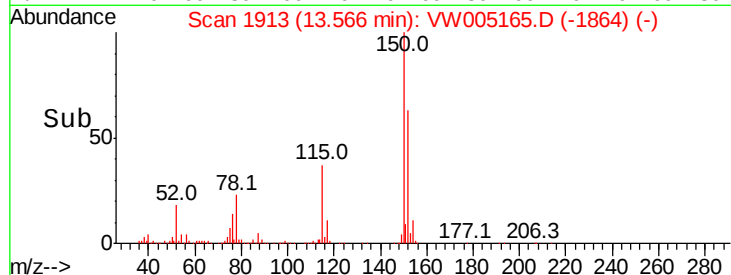
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005165.D
Acq: 06 Sep 2018 15:51

Instrument :
MSVOA_W
ClientSampleId :
BZTRANS-4RE

Tot Ion:152 Resp: 158142
Ion Ratio Lower Upper
152 100
115 58.3 27.8 83.4
150 158.4 0.0 351.4



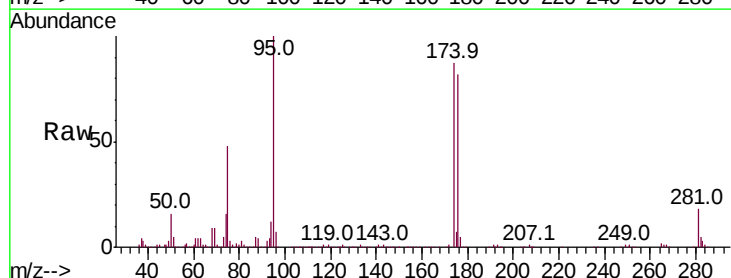
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



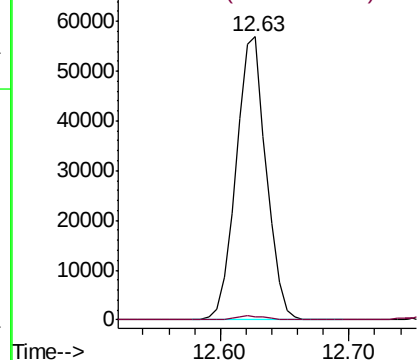
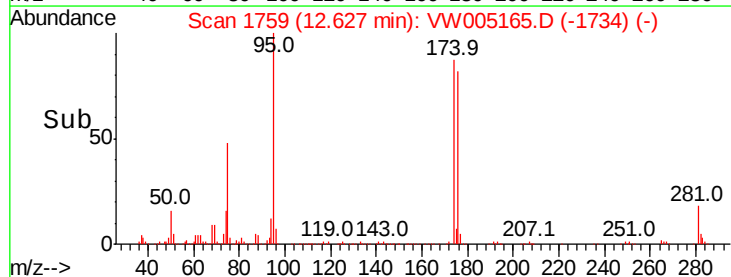
#76

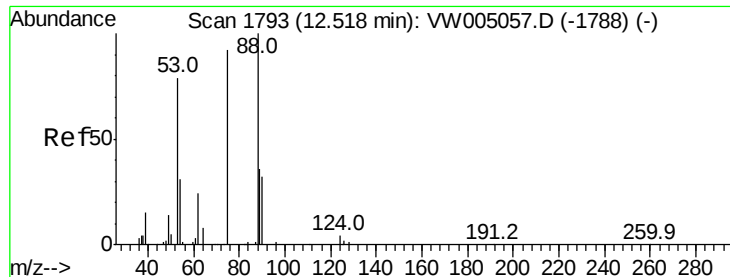
1,2,3-Trichloropropane
Concen: 77.797 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. -0.15 min
Lab File: VW005165.D
Acq: 06 Sep 2018 15:51

Tgt Ion: 75 Resp: 92349
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 187.249 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.11 min

Lab File: VW005165.D

Acq: 06 Sep 2018 15:51

Instrument :

MSVOA_W

ClientSampleId :

BZTRANS-4RE

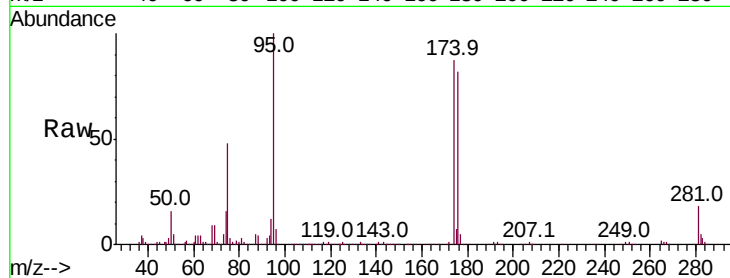
Tot Ion: 75 Resp: 92349

Ion Ratio Lower Upper

75 100

53 0.2 69.8 104.8#

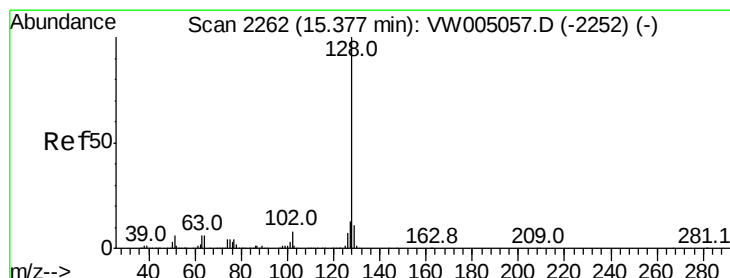
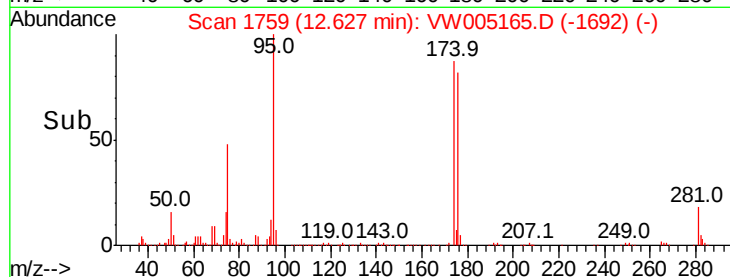
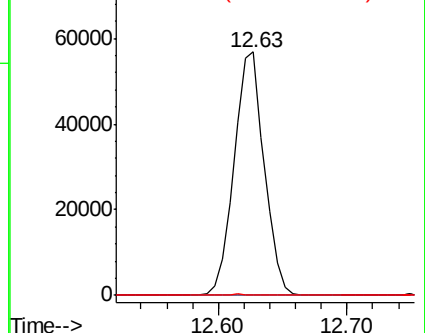
89 0.2 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#95

Naphthalene

Concen: 4.165 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005165.D

Acq: 06 Sep 2018 15:51

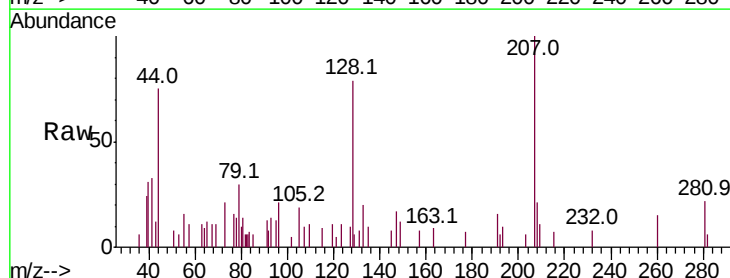
Tgt Ion: 128 Resp: 1149

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 21.9 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

