

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090618\
 Data File : VW005175.D
 Acq On : 06 Sep 2018 20:07
 Operator : SY/AP
 Sample : J4710-06RE
 Misc : 4.53G/5ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-09-6-6.5RE

Quant Time: Sep 07 01:05:57 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	289799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	424007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	256053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	42346	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	206815	86.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	172.18%	
35) Dibromofluoromethane	7.89	113	188902	77.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	154.18%	
50) Toluene-d8	10.33	98	499808	44.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.54%	
62) 4-Bromofluorobenzene	12.62	95	74216	18.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.28%	

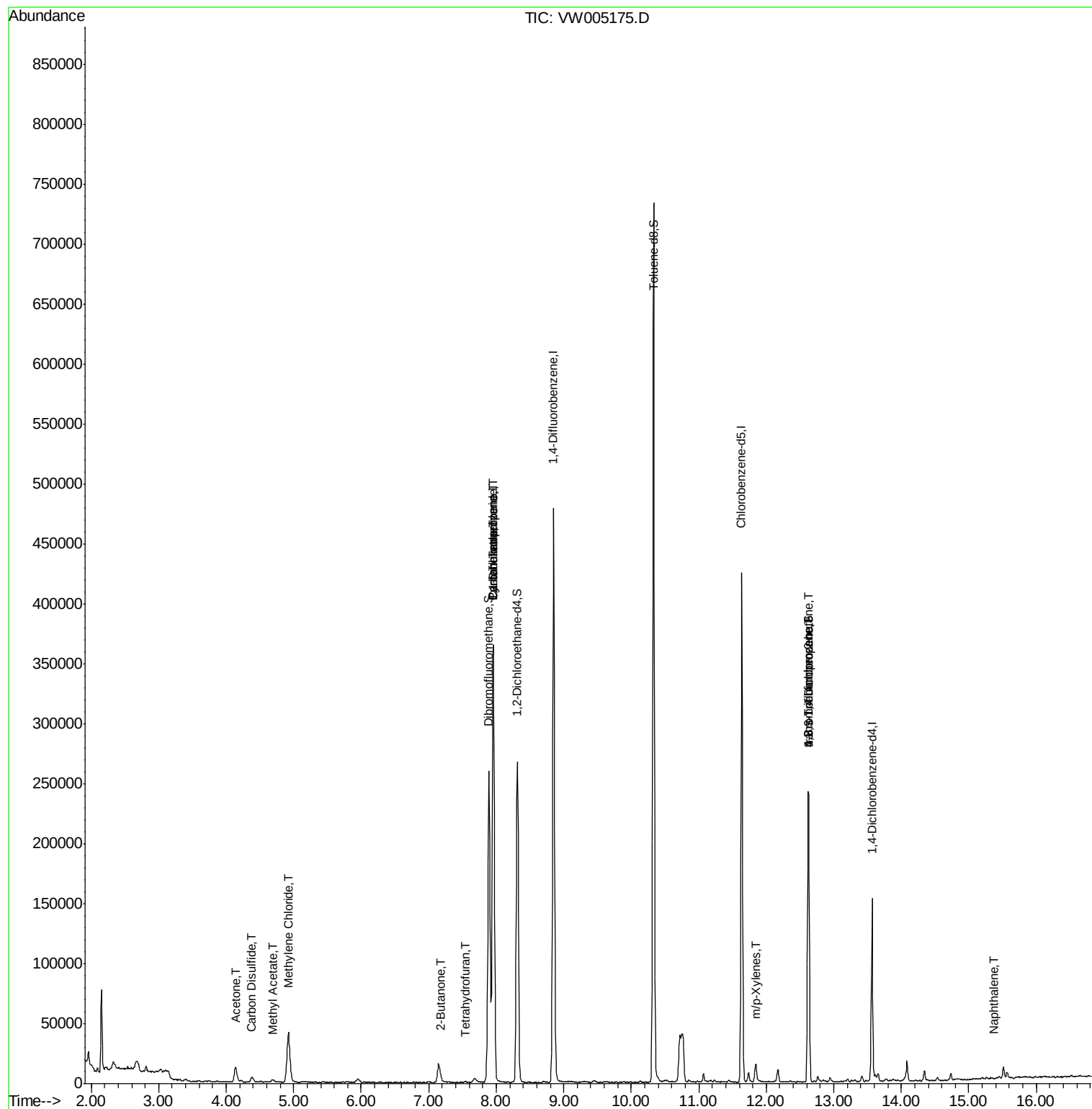
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.77	94	793	Below Cal	#	47
11) Tert butyl alcohol	5.18	59	289	Below Cal	#	72
16) Acetone	4.14	43	22622	46.955	ug/l	97
17) Carbon Disulfide	4.38	76	8665	1.061	ug/l	98
18) Methyl Acetate	4.69	43	4724	3.333	ug/l	98
20) Methylene Chloride	4.92	84	32780	6.701	ug/l	98
25) 2-Butanone	7.18	43	3144	3.762	ug/l	92
29) Tetrahydrofuran	7.54	42	514	1.204	ug/l #	36
31) Cyclohexane	7.96	56	5377	1.140	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	19830	4.911	ug/l #	47
38) Carbon Tetrachloride	7.96	117	26612	6.931	ug/l #	15
68) m/p-Xylenes	11.84	106	4771	1.223	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	34701	109.171	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	34701	262.763	ug/l #	15
95) Naphthalene	15.37	128	800	4.462	ug/l #	75

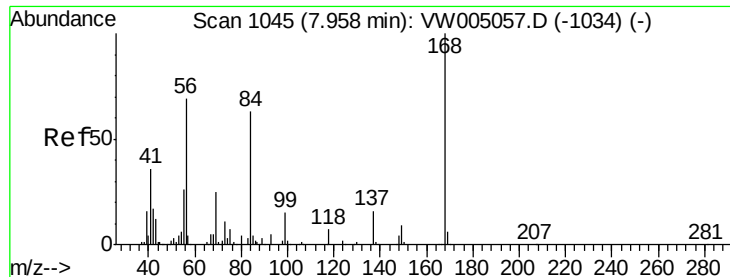
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005175.D

Acq: 06 Sep 2018 20:07

Instrument :

MSVOA_W

ClientSampleId :

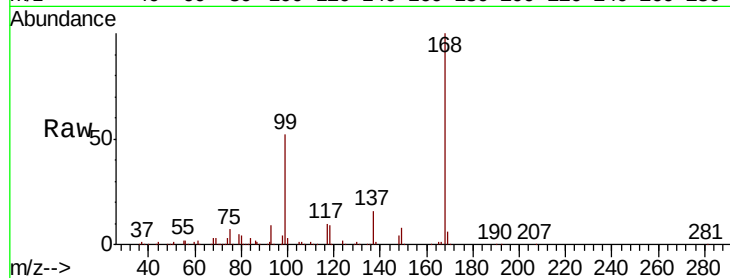
ENY-SB-09-6-6.5RE

Tgt Ion: 168 Resp: 289799

Ion Ratio Lower Upper

168 100

99 51.5 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

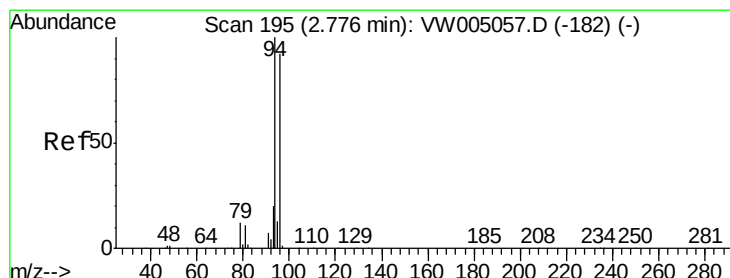
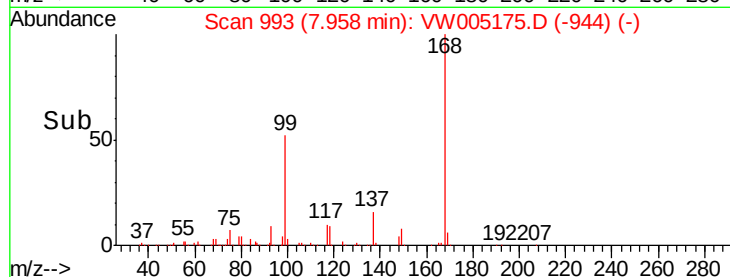
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW005175.D

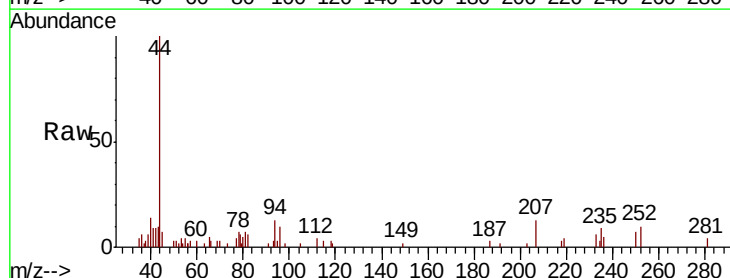
Acq: 06 Sep 2018 20:07

Tgt Ion: 94 Resp: 793

Ion Ratio Lower Upper

94 100

96 40.6 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

500

400

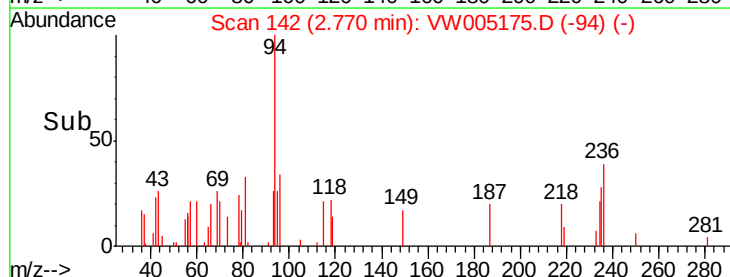
300

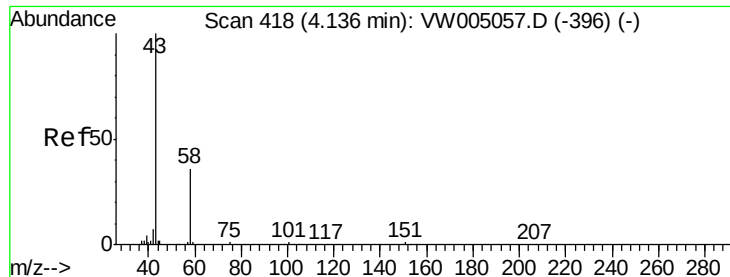
200

100

0

Time-->





#16

Acetone

Concen: 46.955 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005175.D

Acq: 06 Sep 2018 20:07

Instrument :

MSVOA_W

ClientSampleId :

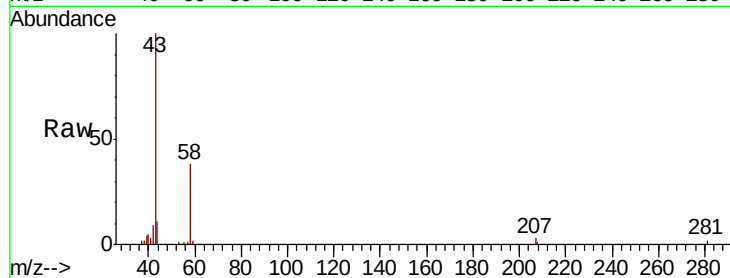
ENY-SB-09-6-6.5RE

Tgt Ion: 43 Resp: 22622

Ion Ratio Lower Upper

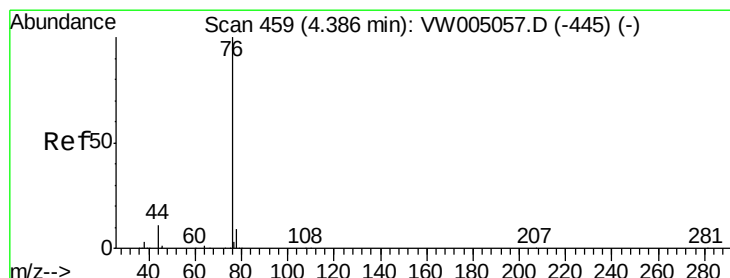
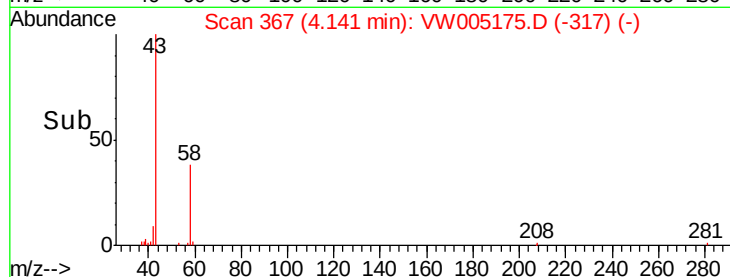
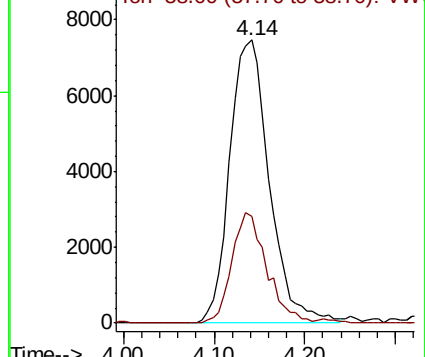
43 100

58 37.8 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#17

Carbon Disulfide

Concen: 1.061 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005175.D

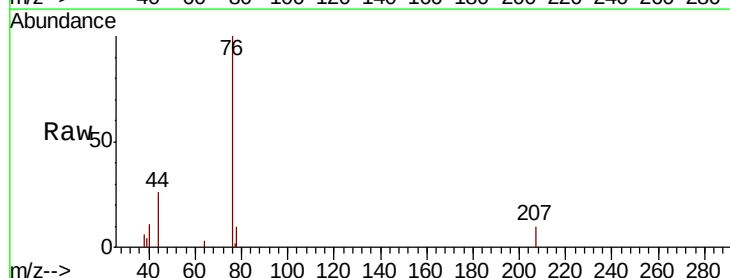
Acq: 06 Sep 2018 20:07

Tgt Ion: 76 Resp: 8665

Ion Ratio Lower Upper

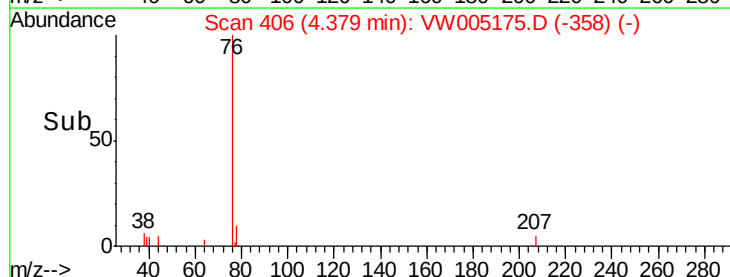
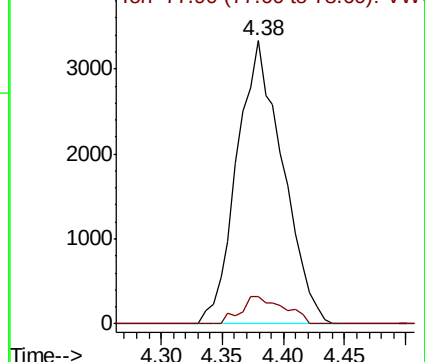
76 100

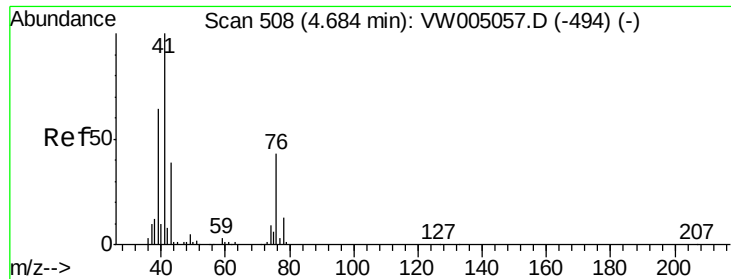
78 9.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

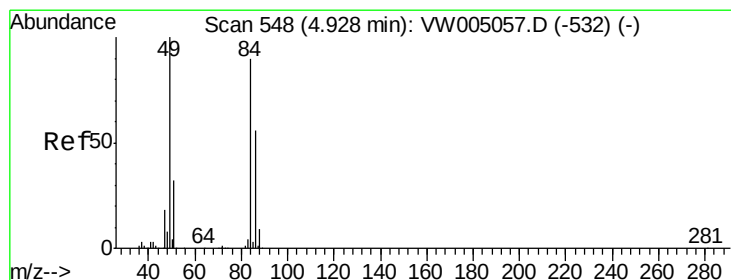
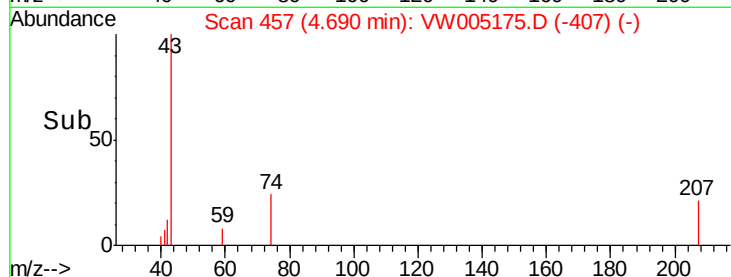
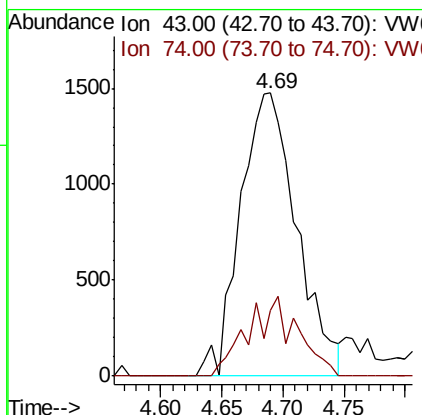
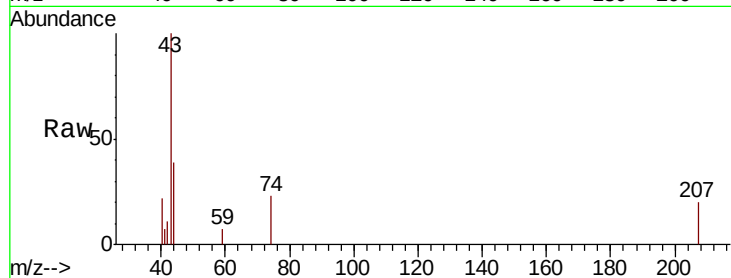




#18
Methyl Acetate
Concen: 3.333 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW005175.D
Acq: 06 Sep 2018 20:07

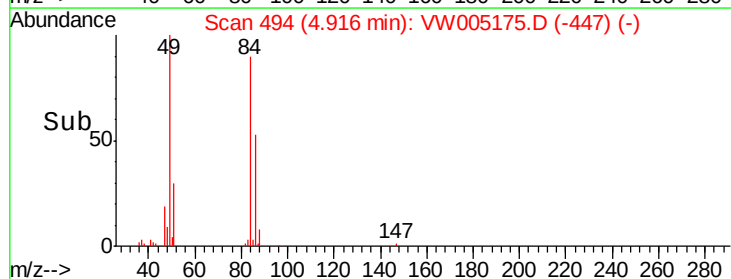
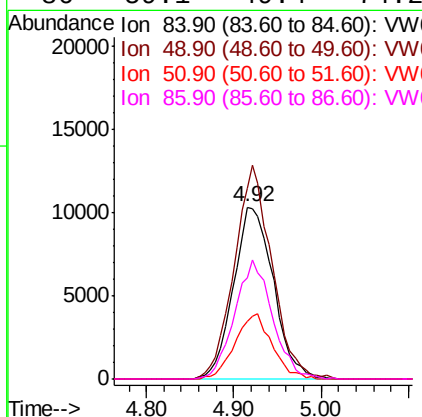
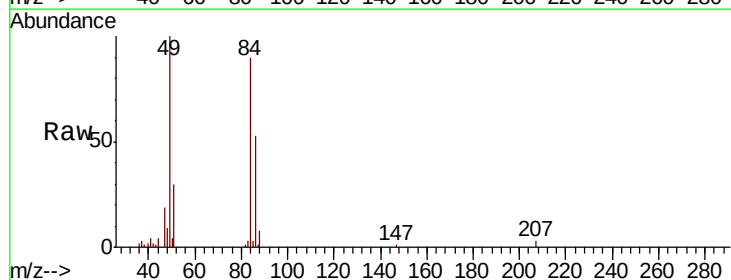
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-09-6-6.5RE

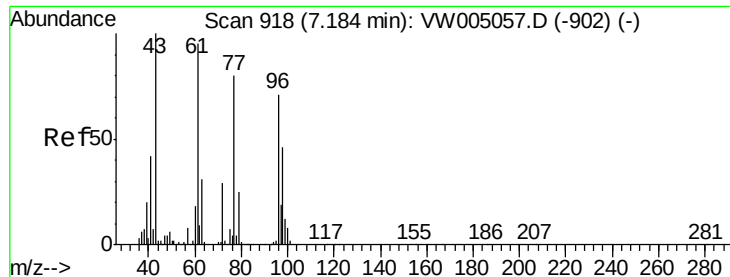
Tgt Ion: 43 Resp: 4724
Ion Ratio Lower Upper
43 100
74 24.7 20.7 31.1



#20
Methylene Chloride
Concen: 6.701 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW005175.D
Acq: 06 Sep 2018 20:07

Tgt Ion: 84 Resp: 32780
Ion Ratio Lower Upper
84 100
49 111.2 88.7 133.1
51 33.4 28.6 42.8
86 59.1 49.4 74.2





#25

2-Butanone

Concen: 3.762 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW005175.D

Acq: 06 Sep 2018 20:07

Instrument :

MSVOA_W

ClientSampleId :

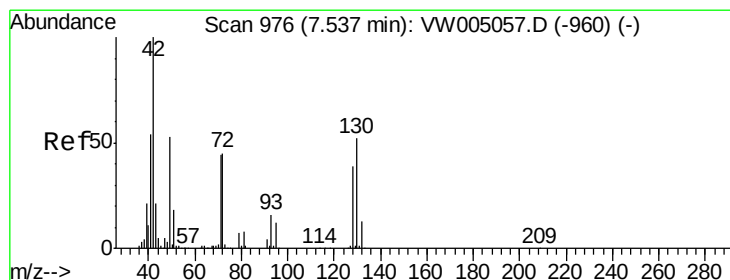
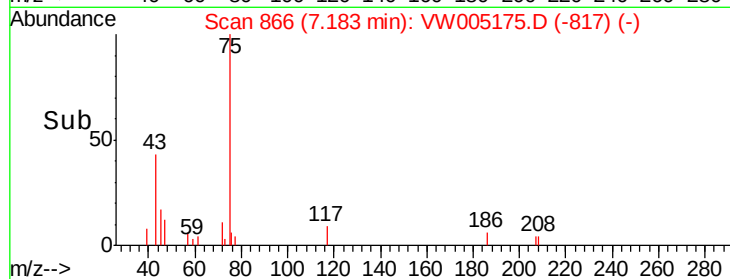
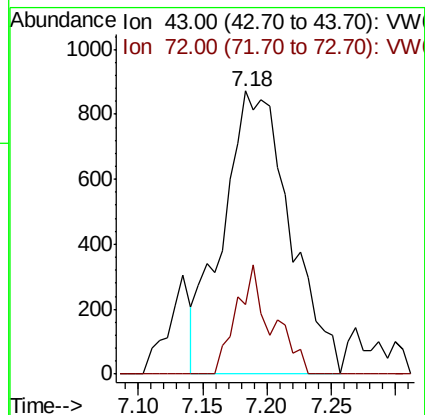
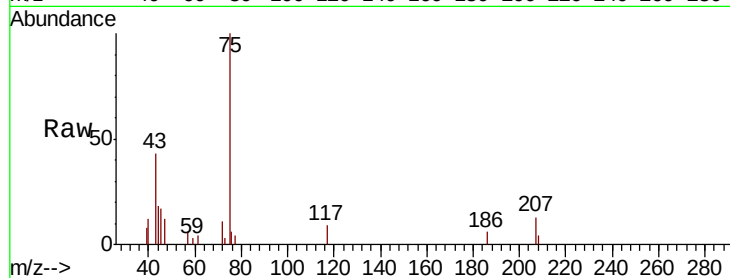
ENY-SB-09-6-6.5RE

Tgt Ion: 43 Resp: 3144

Ion Ratio Lower Upper

43 100

72 24.8 23.1 34.7



#29

Tetrahydrofuran

Concen: 1.204 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW005175.D

Acq: 06 Sep 2018 20:07

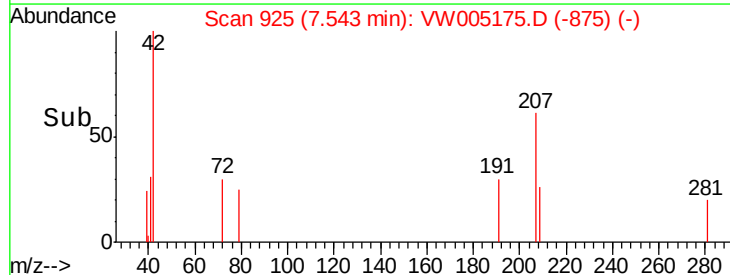
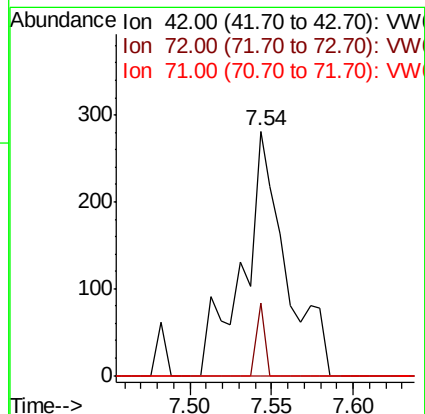
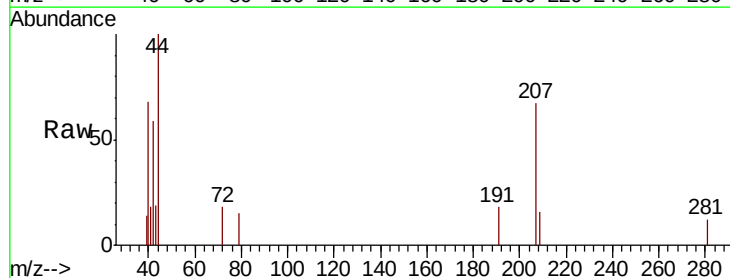
Tgt Ion: 42 Resp: 514

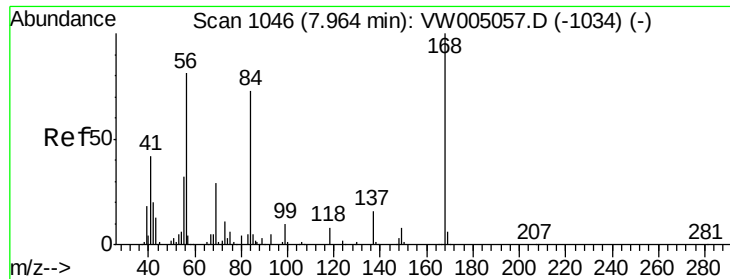
Ion Ratio Lower Upper

42 100

72 6.0 37.0 55.4#

71 0.0 35.0 52.6#

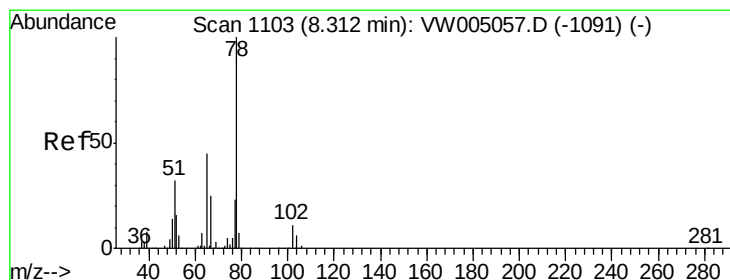
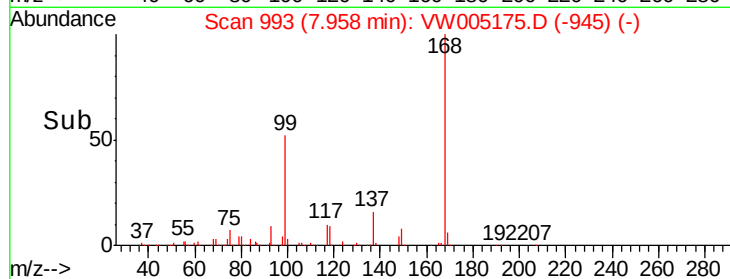
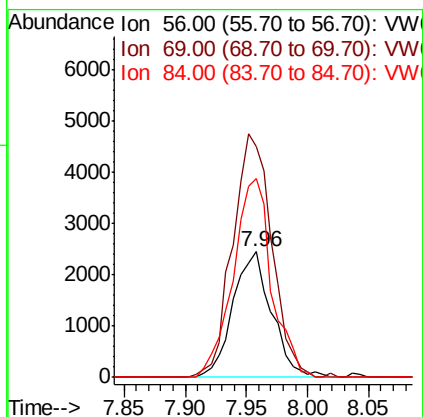
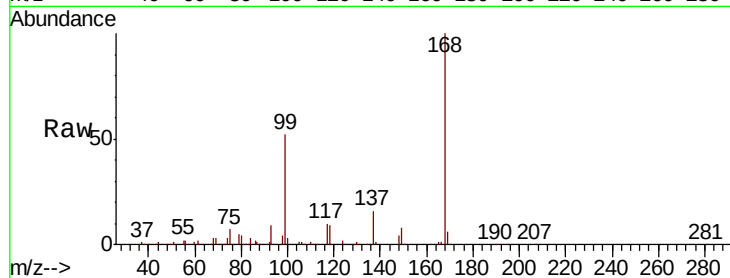




#31
Cyclohexane
Concen: 1.140 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005175.D
Acq: 06 Sep 2018 20:07

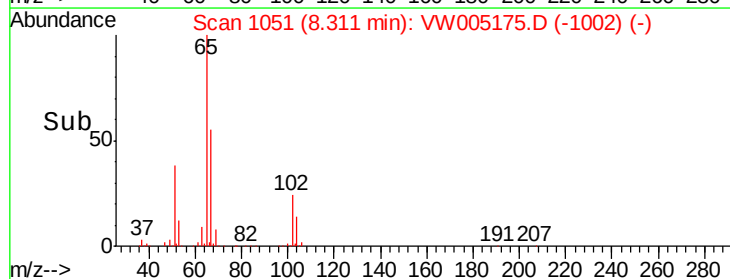
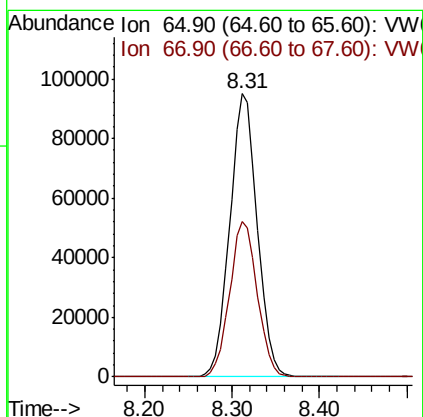
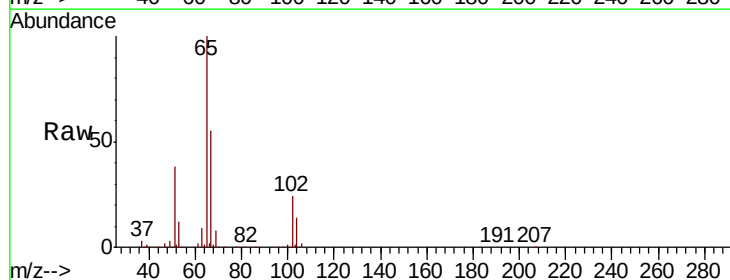
Instrument :
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ENY-SB-09-6-6.5RE

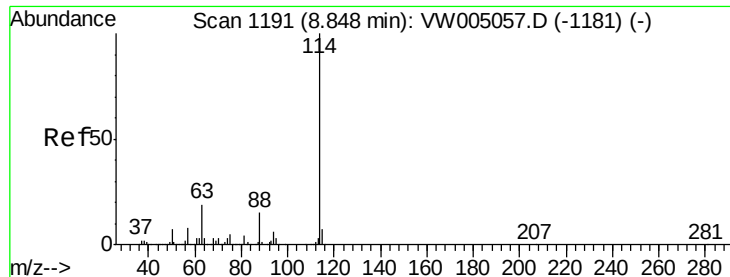
Tgt Ion: 56 Resp: 5377
Ion Ratio Lower Upper
56 100
69 183.7 28.2 42.2#
84 158.0 71.8 107.8#



#33
1,2-Dichloroethane-d4
Concen: 86.090 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005175.D
Acq: 06 Sep 2018 20:07

Tgt Ion: 65 Resp: 206815
Ion Ratio Lower Upper
65 100
67 55.5 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: VW005175.D

Acq: 06 Sep 2018 20:07

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-09-6-6.5RE

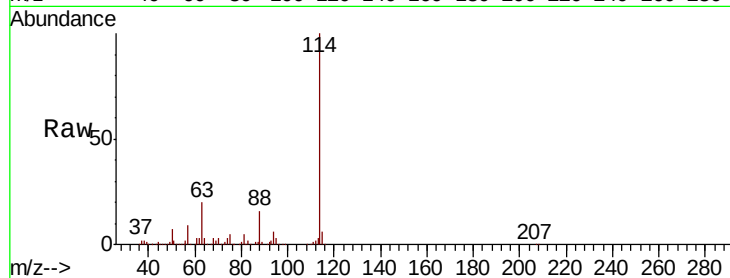
Tgt Ion:114 Resp: 424007

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.0

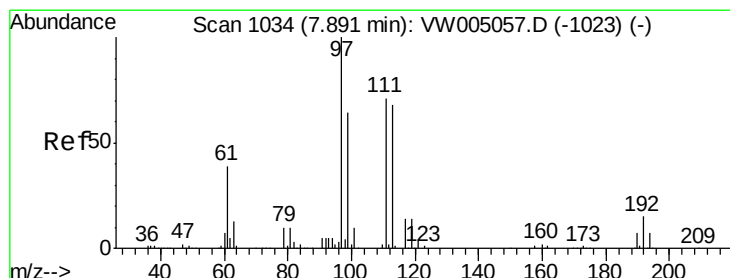
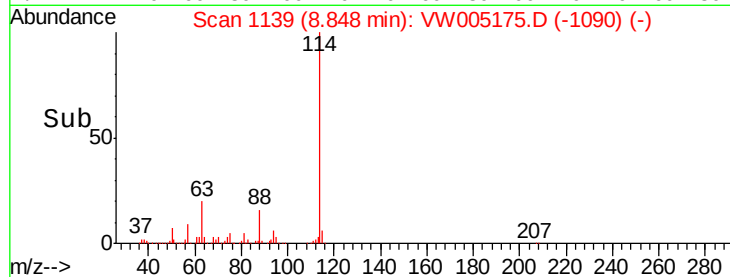
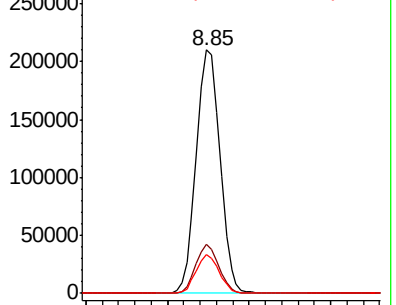
88 16.1 0.0 30.2



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: 77.094 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005175.D

Acq: 06 Sep 2018 20:07

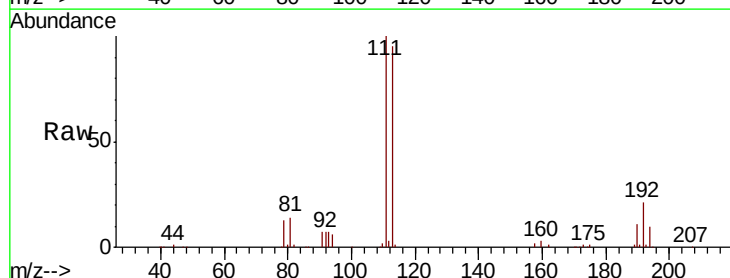
Tgt Ion:113 Resp: 188902

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

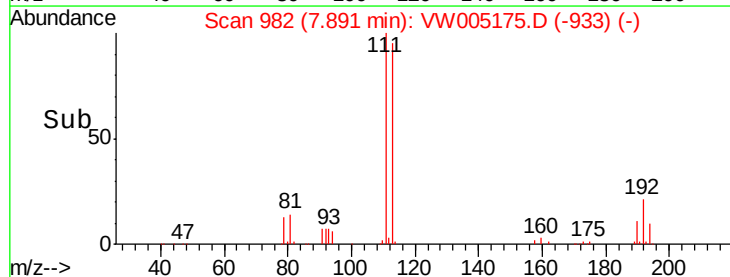
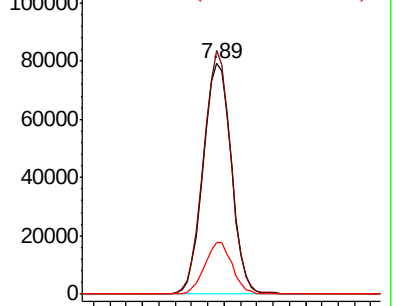
192 21.8 18.1 27.1

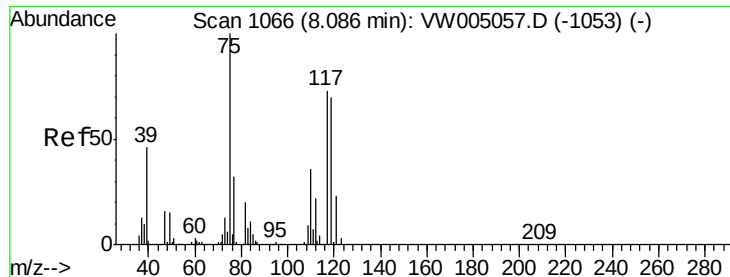


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.911 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.13 min

Lab File: VW005175.D

Acq: 06 Sep 2018 20:07

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ENY-SB-09-6-6.5RE

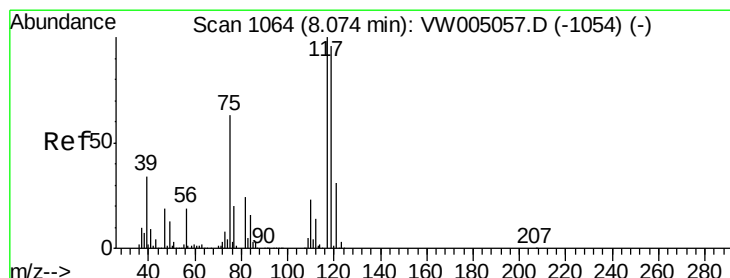
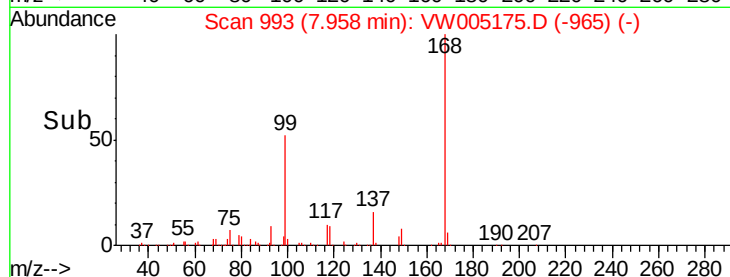
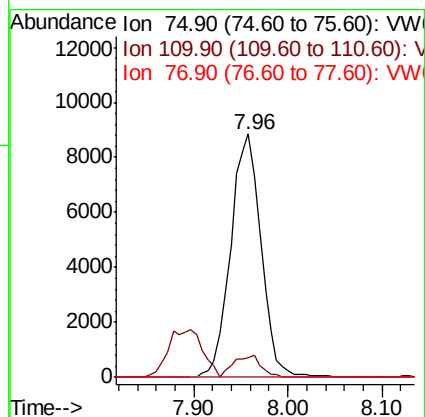
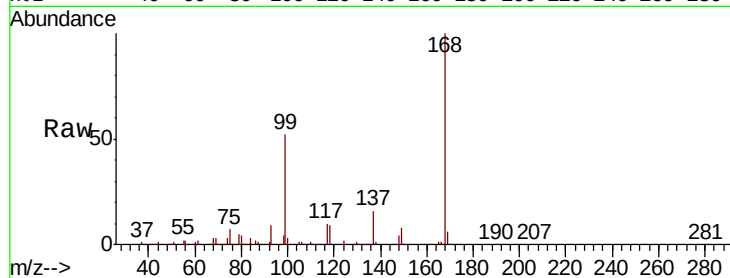
Tgt Ion: 75 Resp: 19830

Ion Ratio Lower Upper

75 100

110 8.3 18.9 56.7#

77 0.0 25.5 38.3#



#38

Carbon Tetrachloride

Concen: 6.931 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW005175.D

Acq: 06 Sep 2018 20:07

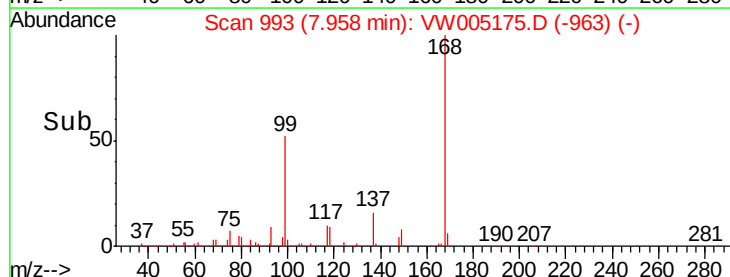
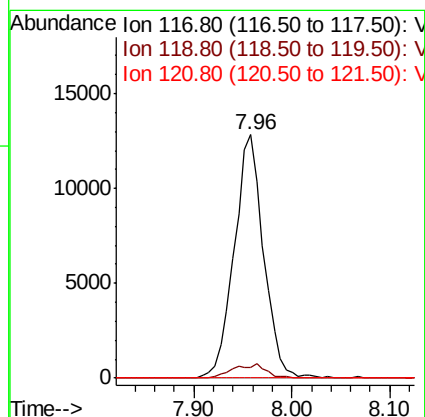
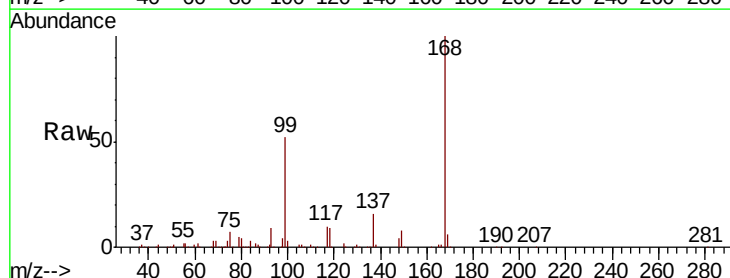
Tgt Ion: 117 Resp: 26612

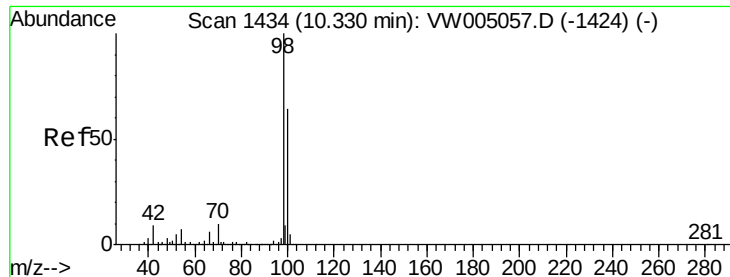
Ion Ratio Lower Upper

117 100

119 4.2 76.6 115.0#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 44.268 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005175.D

Acq: 06 Sep 2018 20:07

Instrument :

MSVOA_W

ClientSampleId :

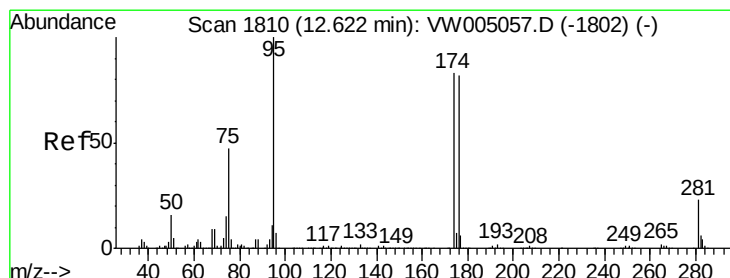
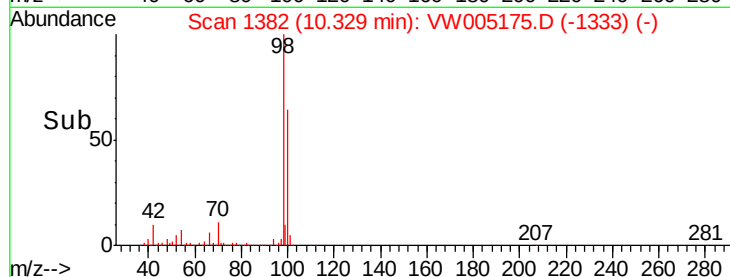
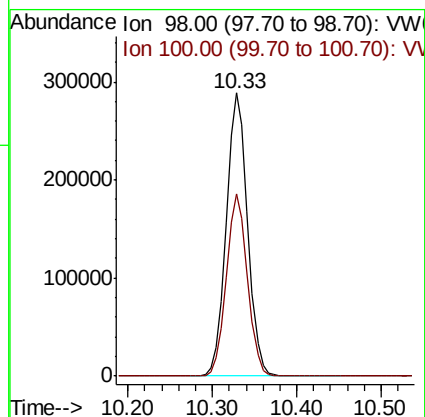
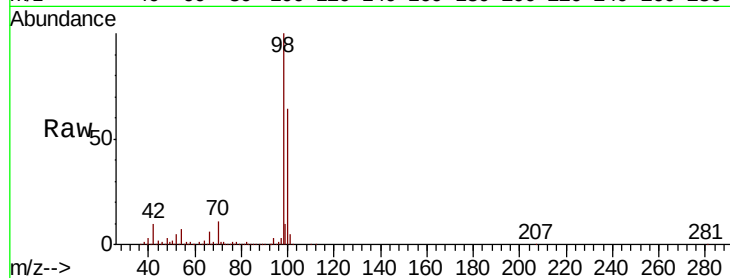
ENY-SB-09-6-6.5RE

Tgt Ion: 98 Resp: 499808

Ion Ratio Lower Upper

98 100

100 63.8 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 18.642 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005175.D

Acq: 06 Sep 2018 20:07

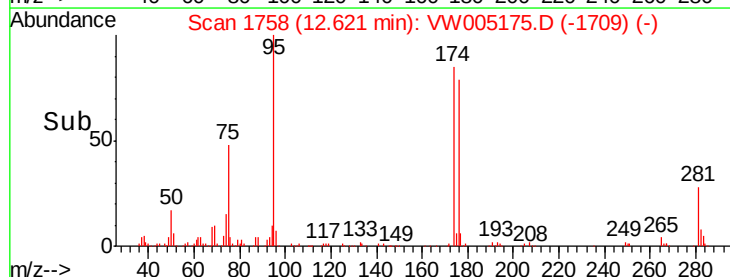
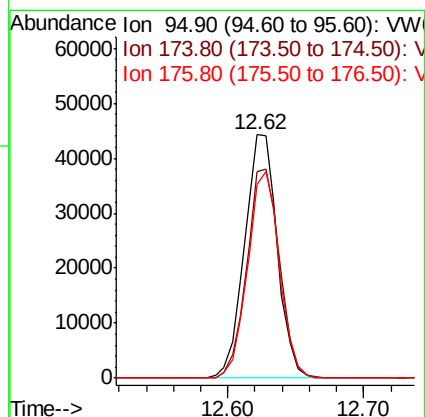
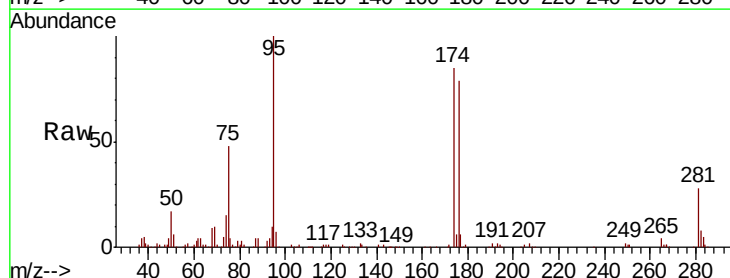
Tgt Ion: 95 Resp: 74216

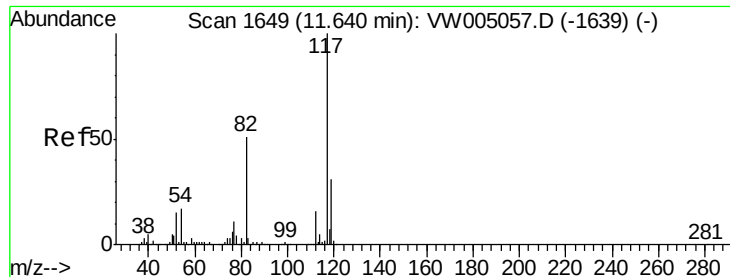
Ion Ratio Lower Upper

95 100

174 86.5 0.0 173.4

176 82.9 0.0 167.4

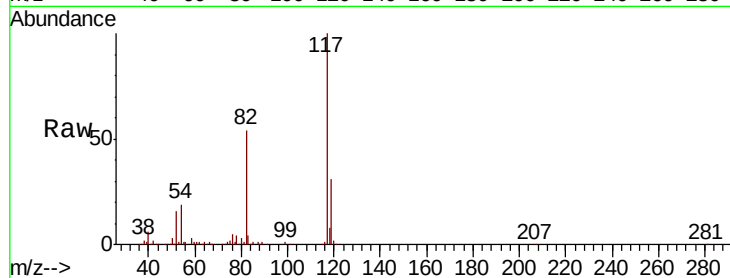




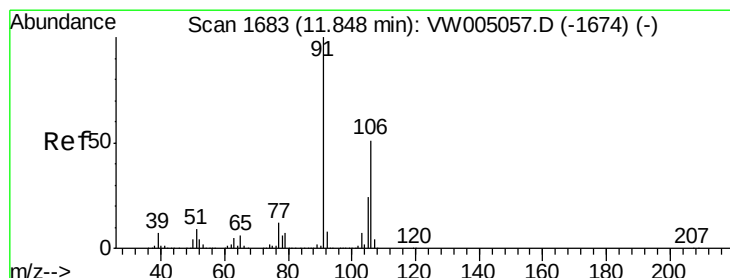
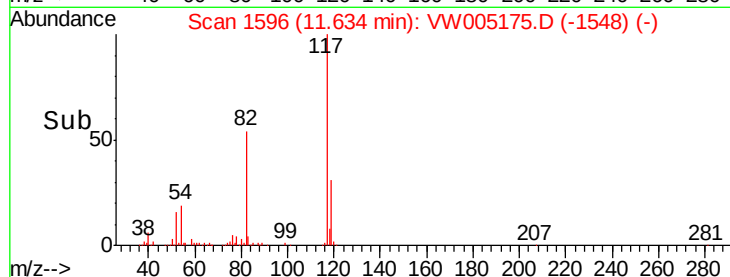
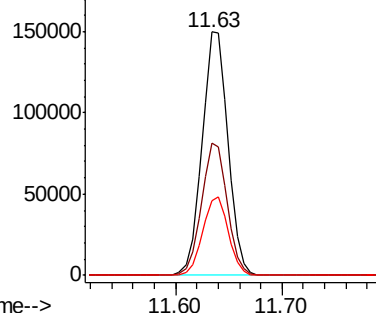
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005175.D
Acq: 06 Sep 2018 20:07

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-09-6-6.5RE

Tgt Ion:117 Resp: 256053
Ion Ratio Lower Upper
117 100
82 54.5 40.9 61.3
119 30.8 24.9 37.3

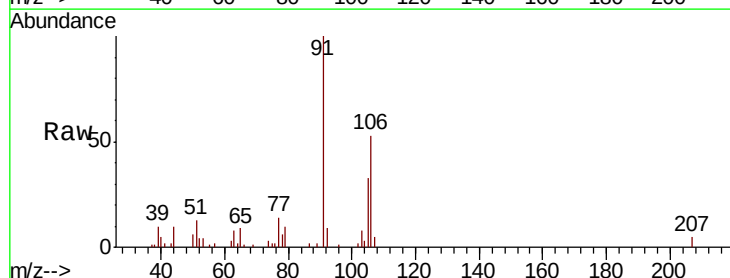


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

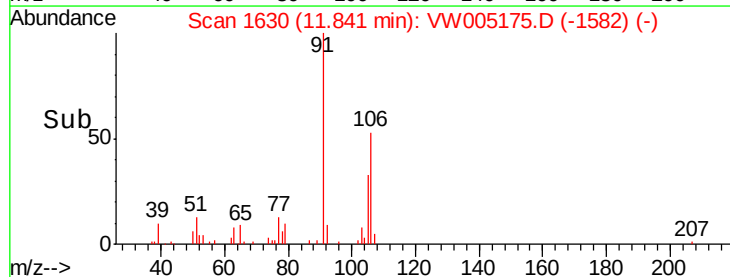
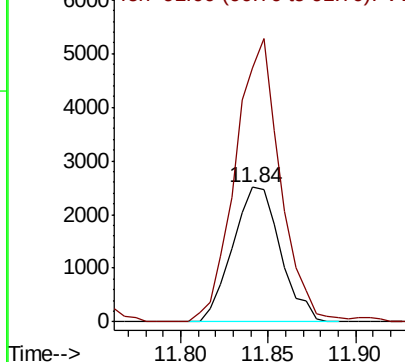


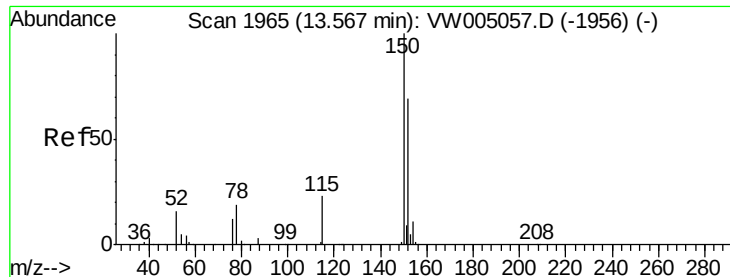
#68
m/p-Xylenes
Concen: 1.223 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW005175.D
Acq: 06 Sep 2018 20:07

Tgt Ion:106 Resp: 4771
Ion Ratio Lower Upper
106 100
91 198.4 158.4 237.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW



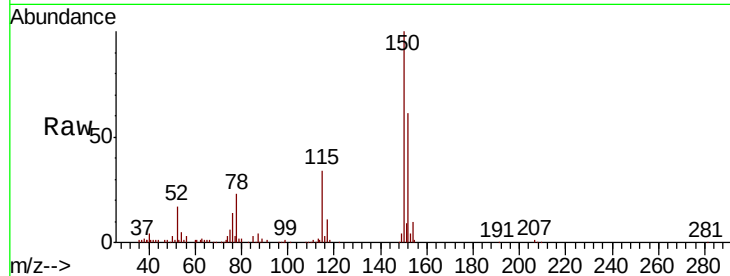


#72

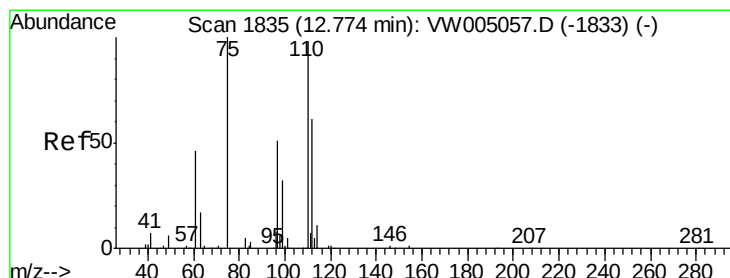
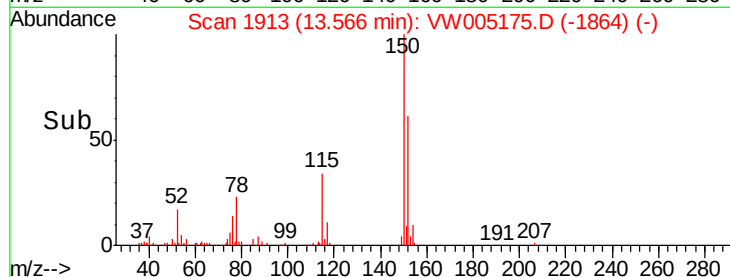
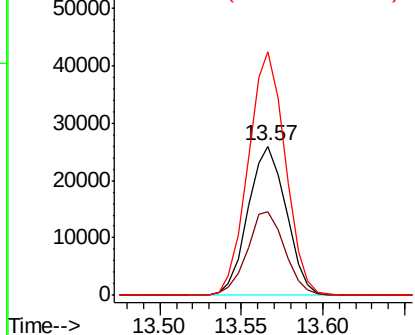
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005175.D
Acq: 06 Sep 2018 20:07

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-09-6-6.5RE

Tgt Ion:152 Resp: 42346
Ion Ratio Lower Upper
152 100
115 55.4 27.8 83.4
150 159.0 0.0 351.4



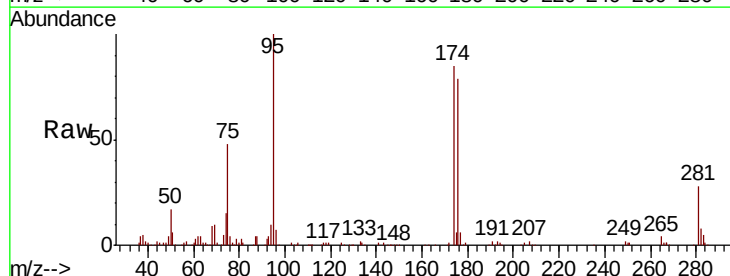
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



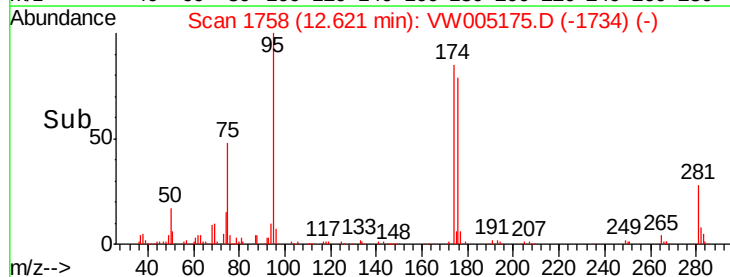
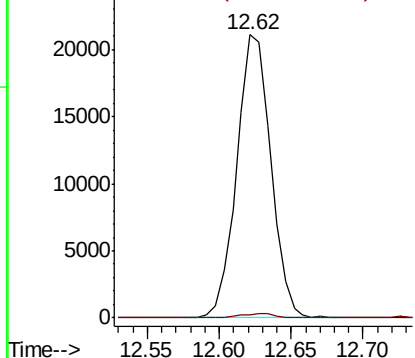
#76

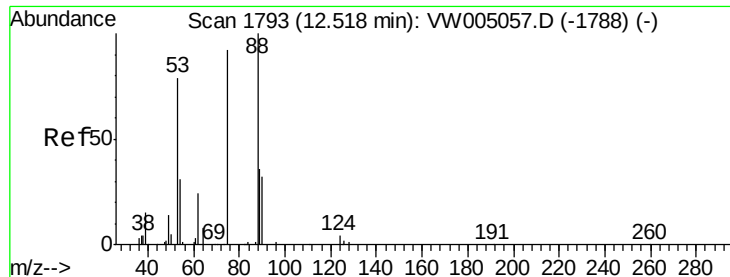
1,2,3-Trichloropropane
Concen: 109.171 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW005175.D
Acq: 06 Sep 2018 20:07

Tgt Ion: 75 Resp: 34701
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: 262.763 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005175.D

Acq: 06 Sep 2018 20:07

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-09-6-6.5RE

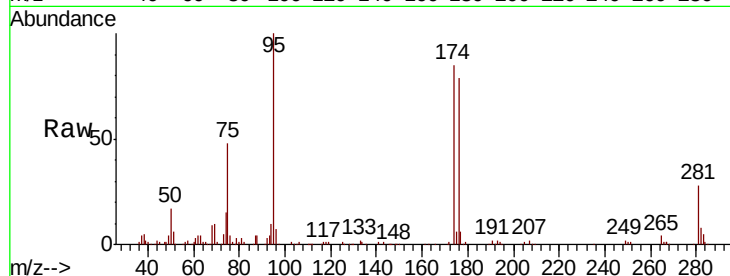
Tgt Ion: 75 Resp: 34701

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

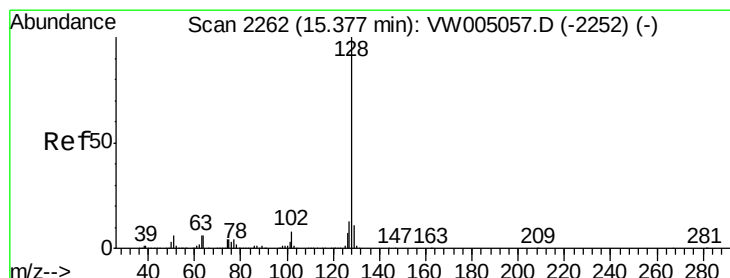
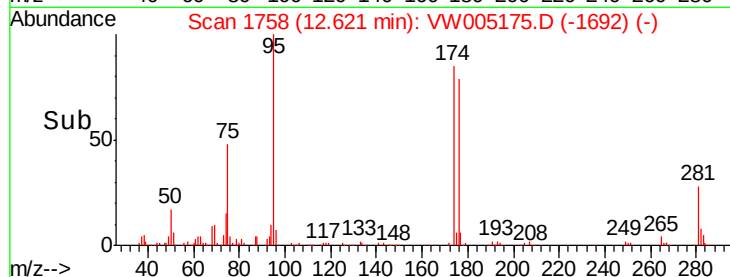
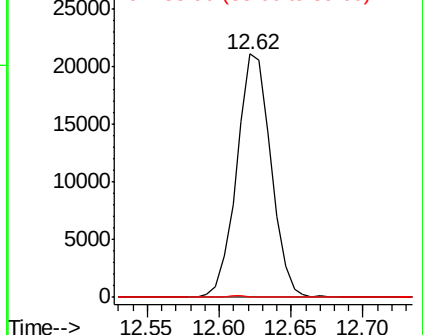
89 0.3 36.0 54.0#



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: 4.462 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW005175.D

Acq: 06 Sep 2018 20:07

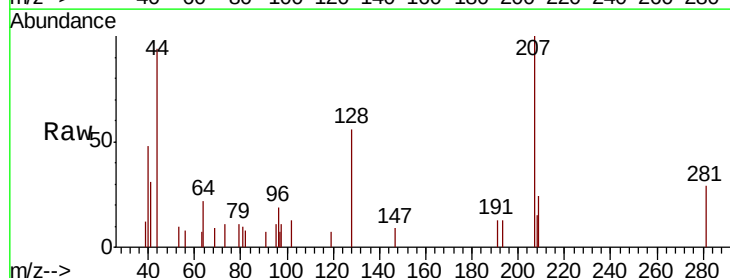
Tgt Ion: 128 Resp: 800

Ion Ratio Lower Upper

128 100

127 4.4 10.4 15.6#

129 0.0 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

