

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090118\
 Data File : VW005073.D
 Acq On : 01 Sep 2018 08:41
 Operator : SY/AP
 Sample : J4654-05RE
 Misc : 2.90G/5ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-09-1.5-2RE

Quant Time: Sep 03 23:54:19 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	299733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	417147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	279483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	46419	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	145626	58.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.22%	
35) Dibromofluoromethane	7.89	113	147930	61.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.74%	
50) Toluene-d8	10.33	98	377324	33.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.94%	
62) 4-Bromofluorobenzene	12.62	95	50770	12.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	25.92%	

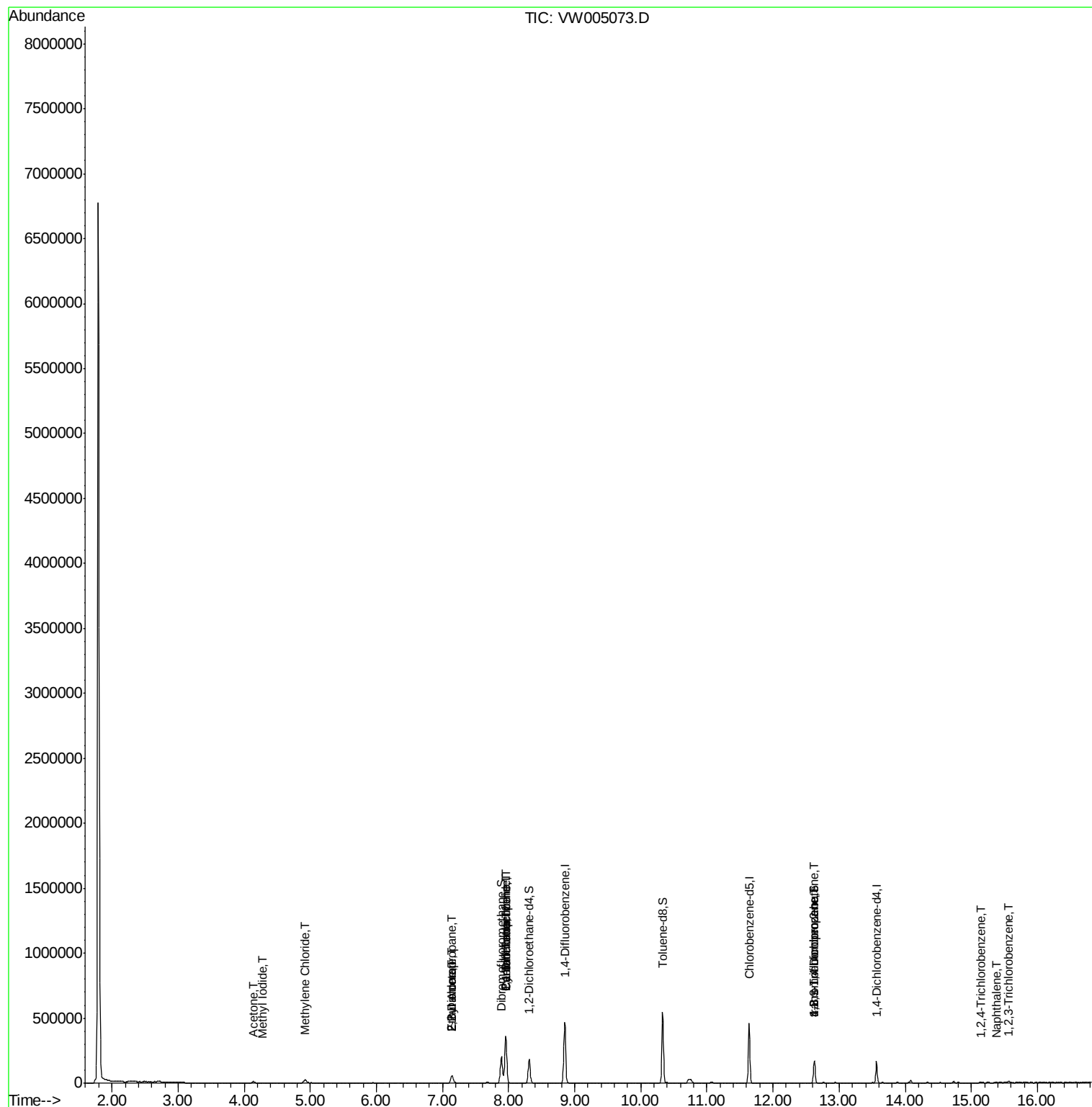
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.79	94	734	Below Cal	#	45
10) Methyl Iodide	4.28	142	716	3.987	ug/l #	74
11) Tert butyl alcohol	5.14	59	2356	Below Cal	#	72
16) Acetone	4.14	43	19471	39.075	ug/l	97
20) Methylene Chloride	4.92	84	21094	2.574	ug/l	98
25) 2-Butanone	7.15	43	2525	2.922	ug/l #	77
26) 2,2-Dichloropropane	7.13	77	4111	1.004	ug/l #	51
31) Cyclohexane	7.95	56	5037	1.032	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	20005	5.035	ug/l #	47
37) Ethyl Acetate	7.15	43	2525	1.699	ug/l #	1
38) Carbon Tetrachloride	7.95	117	26070	6.901	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	23396	67.147	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	23396	161.614	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.14	180	1530	1.580	ug/l	89
95) Naphthalene	15.38	128	2682	5.454	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.57	180	1480	1.786	ug/l	91

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090118\
Data File : VW005073.D
Acq On : 01 Sep 2018 08:41
Operator : SY/AP
Sample : J4654-05RE
Misc : 2.90G/5ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-09-1.5-2RE

Quant Time: Sep 03 23:54:19 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# 1045

Delta R.T. -0.00 min

Lab File: VW005073.D

Acq: 01 Sep 2018 08:41

Instrument :

MSVOA_W

ClientSampleId :

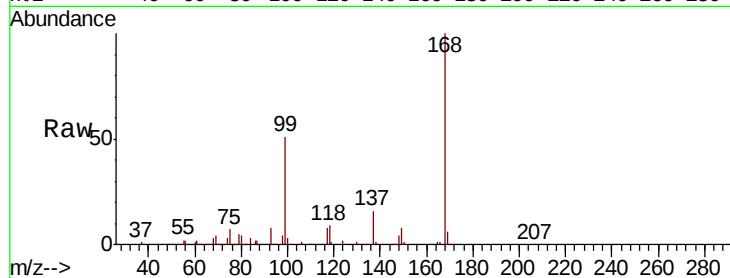
ENY-SB-09-1.5-2RE

Tgt Ion:168 Resp: 299733

Ion Ratio Lower Upper

168 100

99 50.6 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

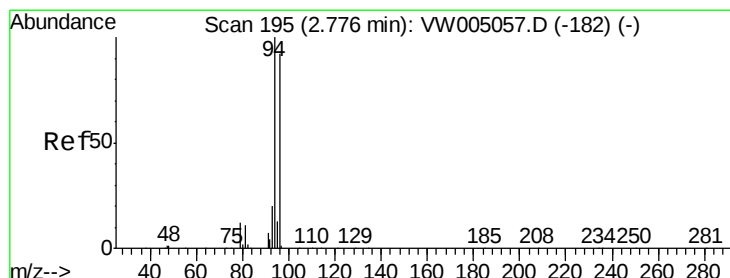
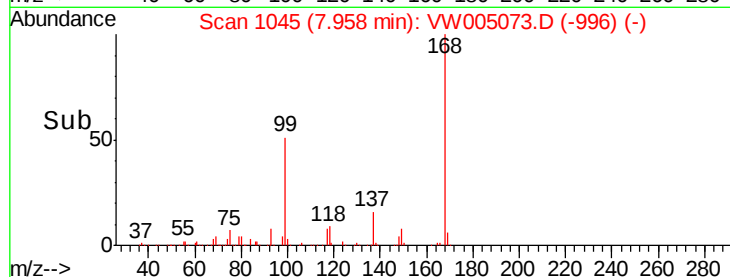
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.79 min Scan# 197

Delta R.T. 0.01 min

Lab File: VW005073.D

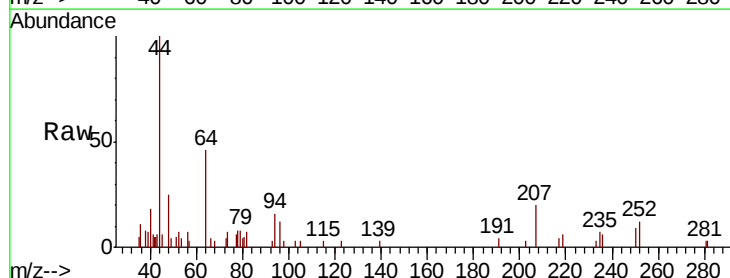
Acq: 01 Sep 2018 08:41

Tgt Ion: 94 Resp: 734

Ion Ratio Lower Upper

94 100

96 39.6 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.79

300

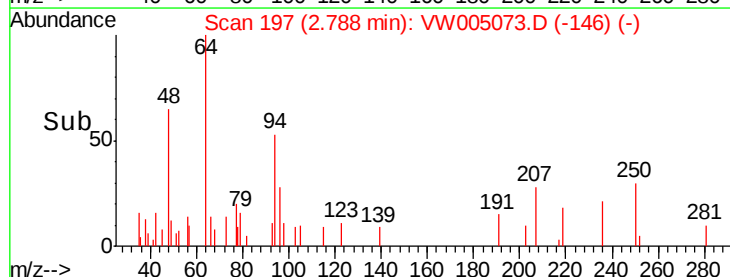
200

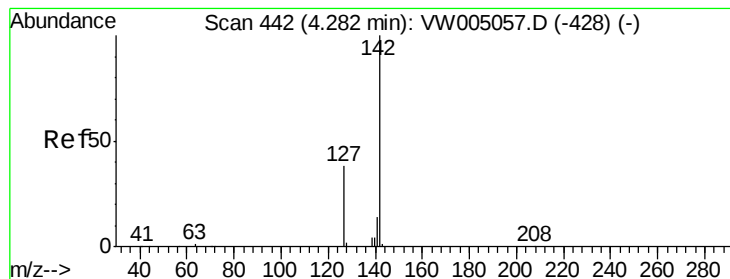
100

0

2.75 2.80

Time-->





#10

Methyl Iodide

Concen: 3.987 ug/l

RT: 4.28 min Scan# 442

Delta R.T. 0.00 min

Lab File: VW005073.D

Acq: 01 Sep 2018 08:41

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-09-1.5-2RE

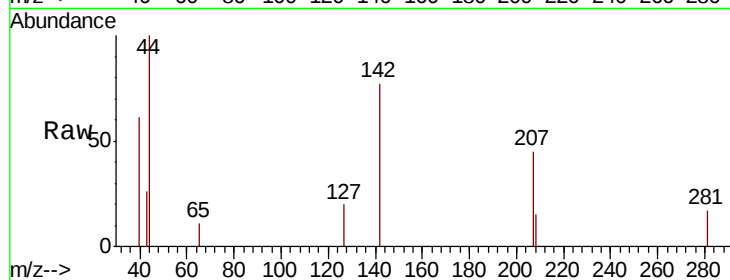
Tgt Ion:142 Resp: 716

Ion Ratio Lower Upper

142 100

127 25.0 30.8 46.2#

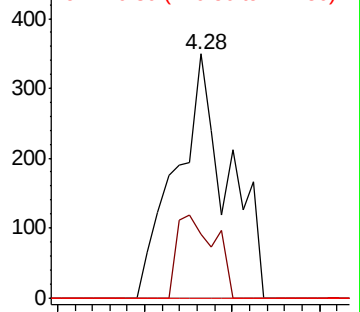
141 0.0 11.6 17.4#



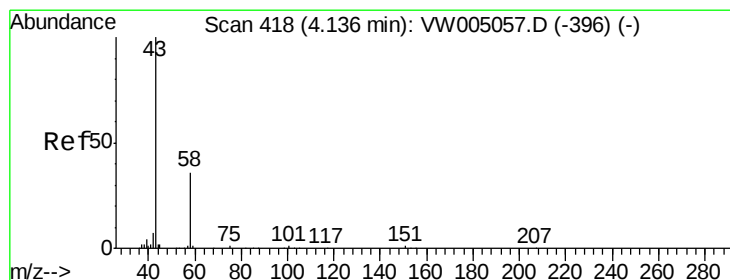
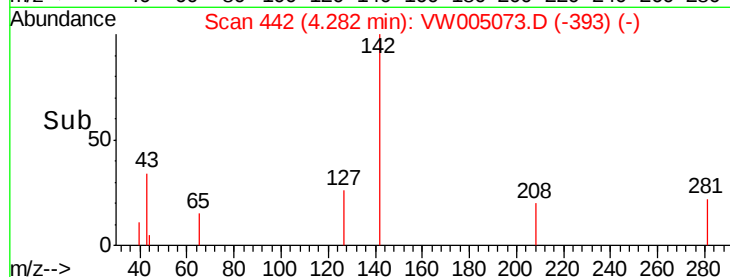
Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time--> 4.20 4.25 4.30 4.35



#16

Acetone

Concen: 39.075 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW005073.D

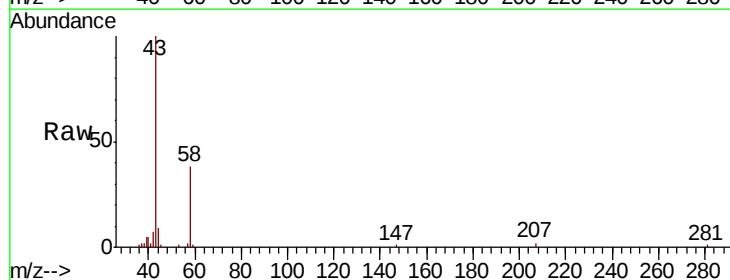
Acq: 01 Sep 2018 08:41

Tgt Ion: 43 Resp: 19471

Ion Ratio Lower Upper

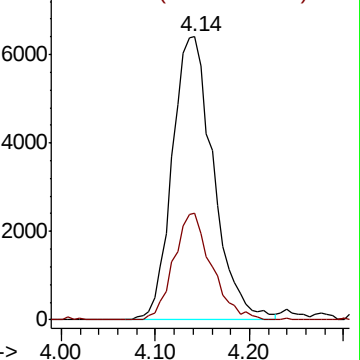
43 100

58 37.8 29.0 43.6

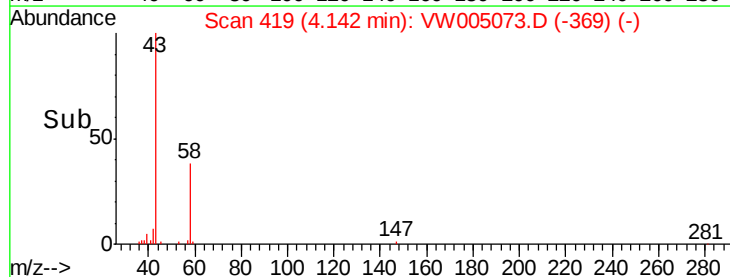


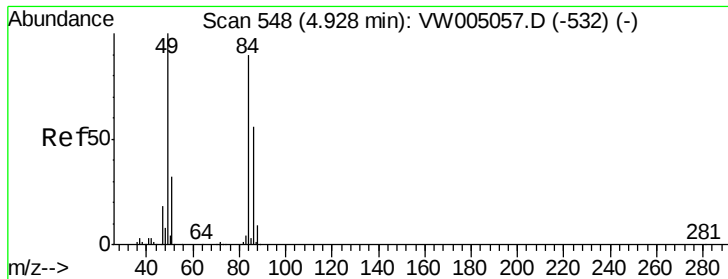
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time--> 4.00 4.10 4.20

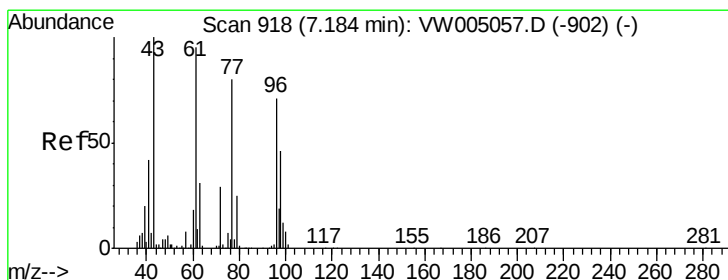
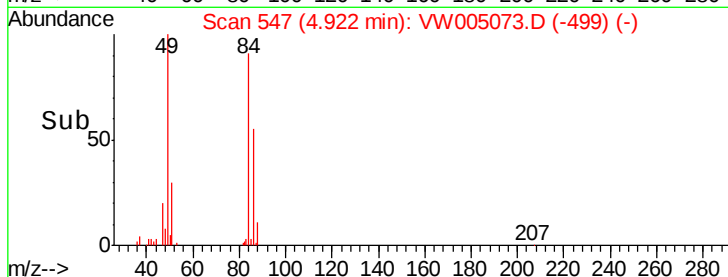
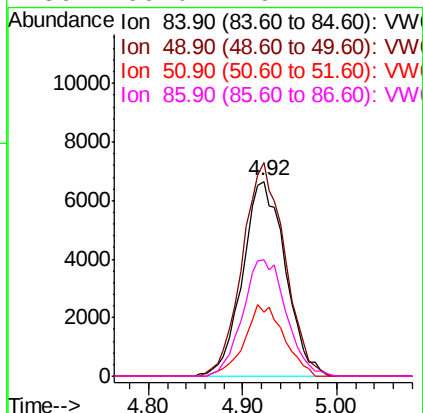
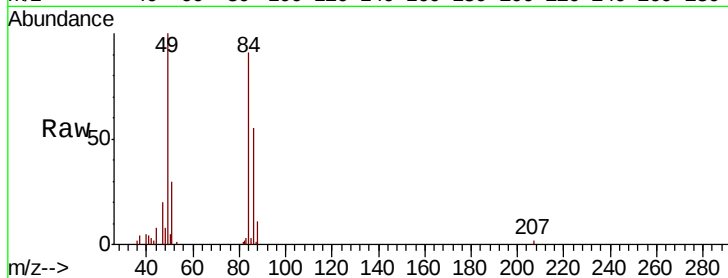




#20
Methylene Chloride
Concen: 2.574 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005073.D
Acq: 01 Sep 2018 08:41

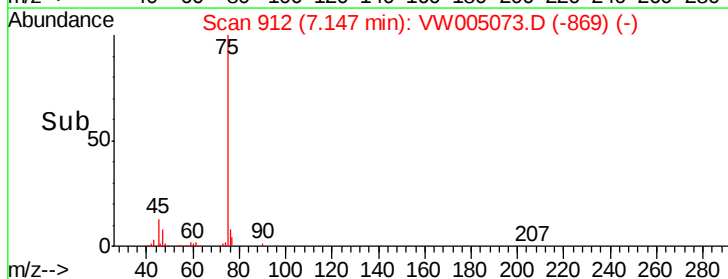
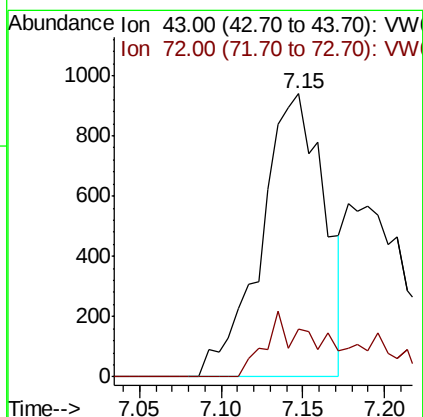
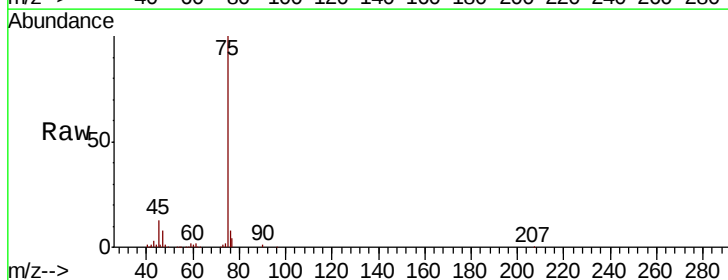
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-09-1.5-2RE

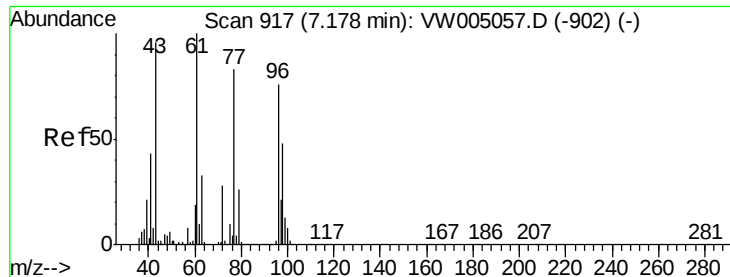
Tgt Ion:	84	Resp:	21094
Ion	Ratio	Lower	Upper
84	100		
49	109.7	88.7	133.1
51	33.1	28.6	42.8
86	60.0	49.4	74.2



#25
2-Butanone
Concen: 2.922 ug/l
RT: 7.15 min Scan# 912
Delta R.T. -0.04 min
Lab File: VW005073.D
Acq: 01 Sep 2018 08:41

Tgt Ion:	43	Resp:	2525
Ion	Ratio	Lower	Upper
43	100		
72	16.8	23.1	34.7#





#26

2,2-Dichloropropane

Concen: 1.004 ug/l

RT: 7.13 min Scan# 910

Delta R.T. -0.04 min

Lab File: VW005073.D

Acq: 01 Sep 2018 08:41

Instrument :

MSVOA_W

ClientSampleId :

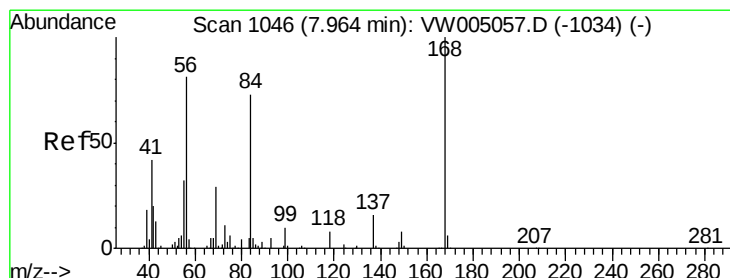
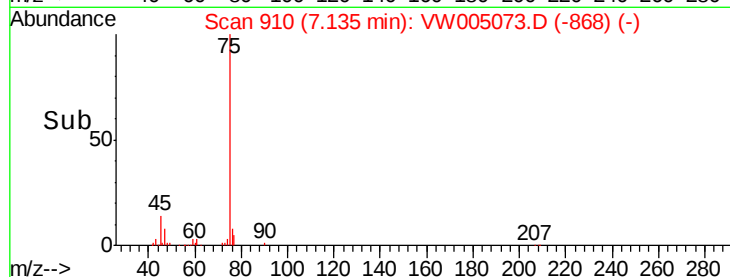
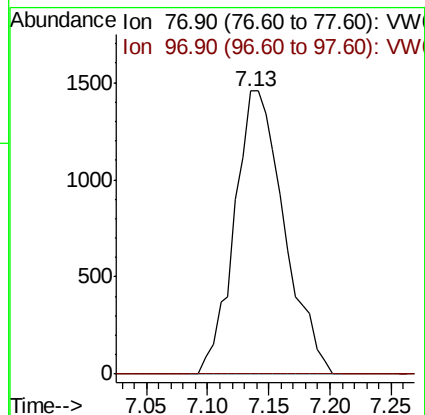
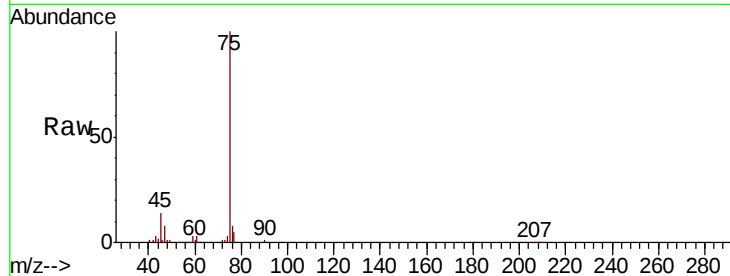
ENY-SB-09-1.5-2RE

Tgt Ion: 77 Resp: 4111

Ion Ratio Lower Upper

77 100

97 0.0 12.2 36.6#



#31

Cyclohexane

Concen: 1.032 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW005073.D

Acq: 01 Sep 2018 08:41

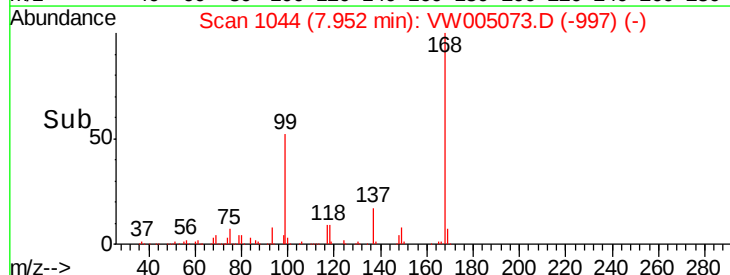
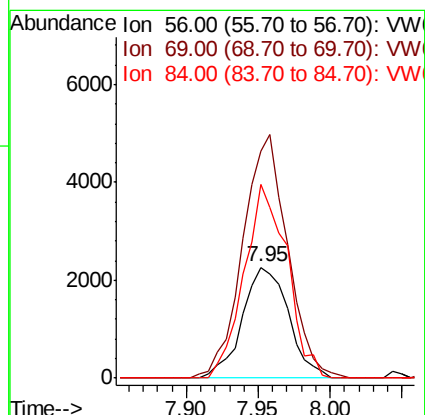
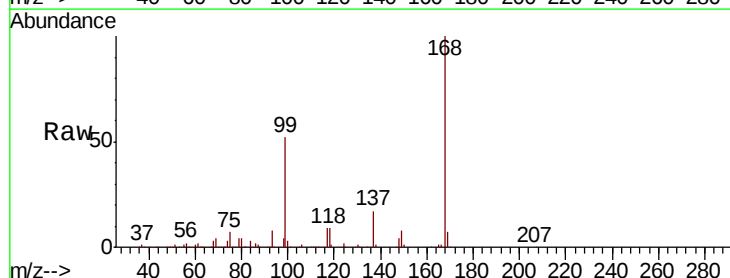
Tgt Ion: 56 Resp: 5037

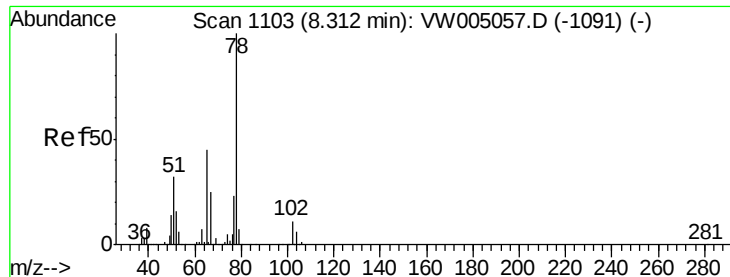
Ion Ratio Lower Upper

56 100

69 204.7 28.2 42.2#

84 174.2 71.8 107.8#

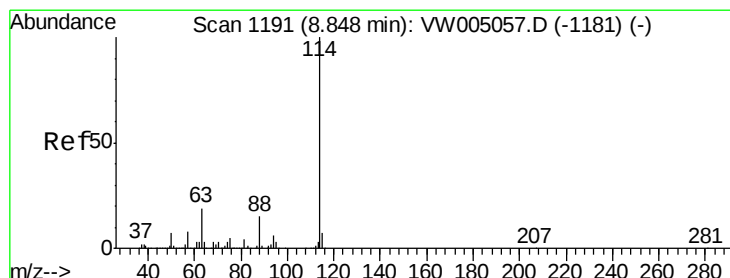
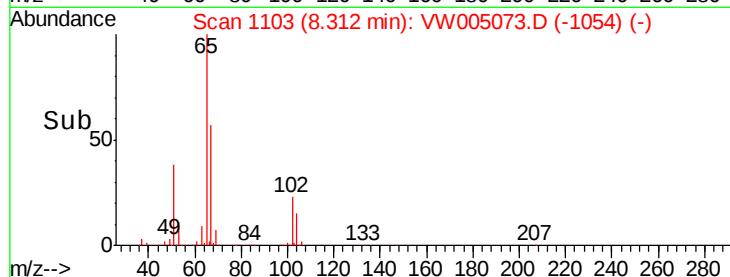
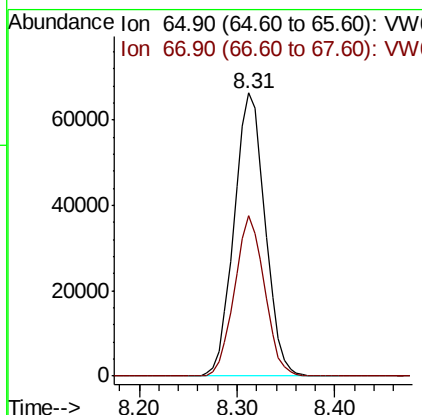
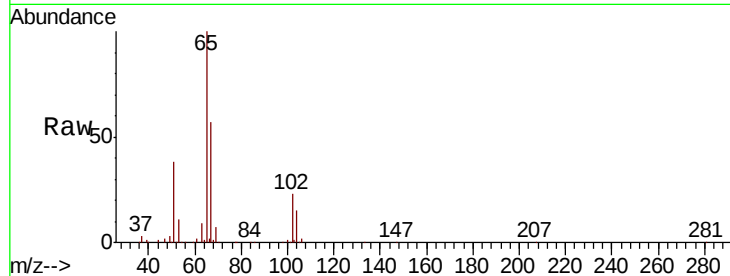




#33
 1,2-Dichloroethane-d4
 Concen: 58.610 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005073.D
 Acq: 01 Sep 2018 08:41

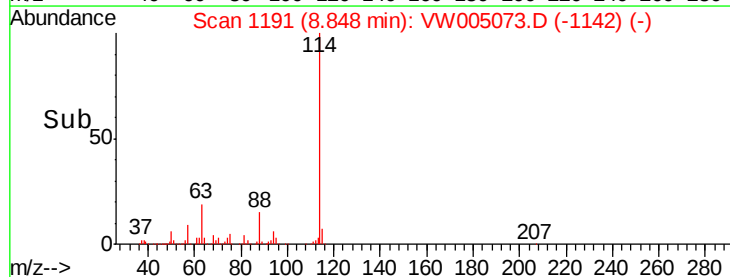
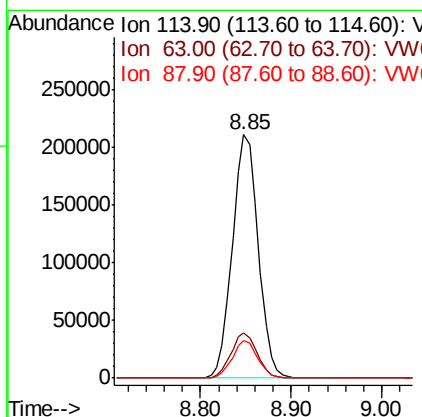
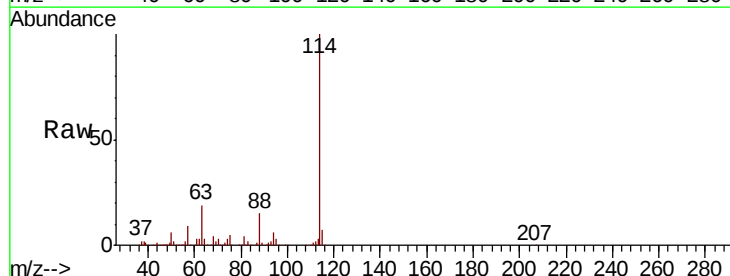
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-09-1.5-2RE

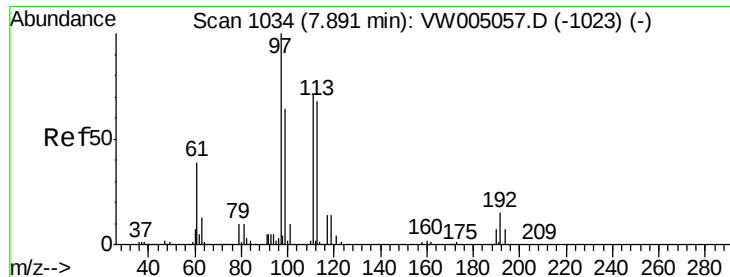
Tgt Ion: 65 Resp: 145626
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005073.D
 Acq: 01 Sep 2018 08:41

Tgt Ion: 114 Resp: 417147
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.0
 88 15.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 61.366 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VW005073.D

Acq: 01 Sep 2018 08:41

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-09-1.5-2RE

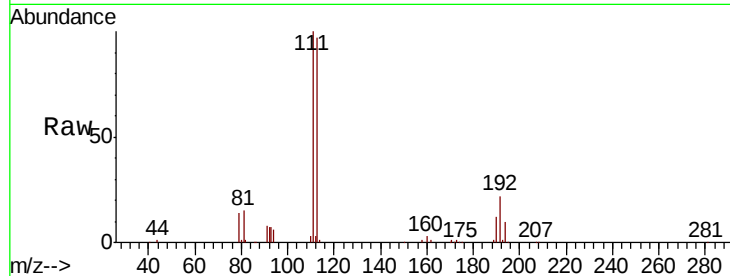
Tgt Ion: 113 Resp: 147930

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

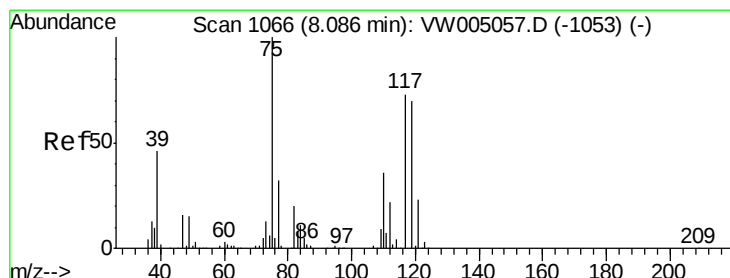
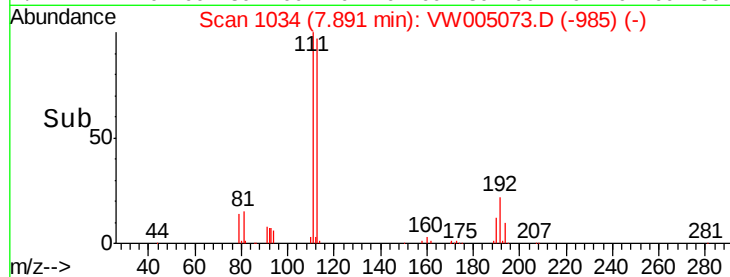
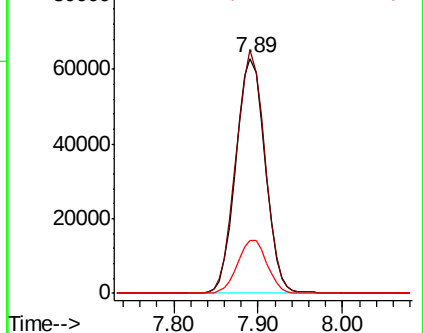
192 22.8 18.1 27.1



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: 5.035 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.13 min

Lab File: VW005073.D

Acq: 01 Sep 2018 08:41

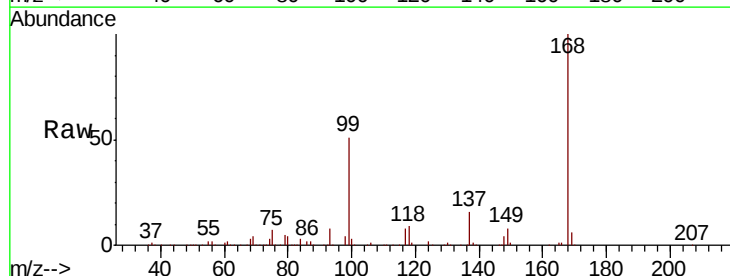
Tgt Ion: 75 Resp: 20005

Ion Ratio Lower Upper

75 100

110 7.4 18.9 56.7#

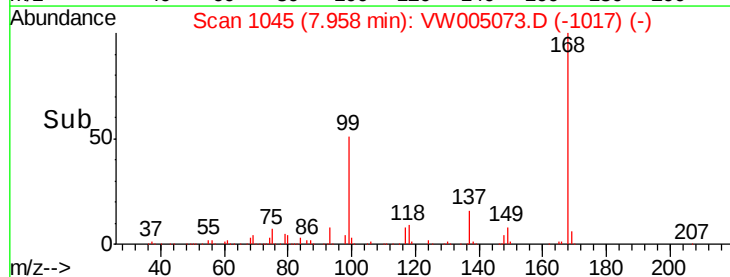
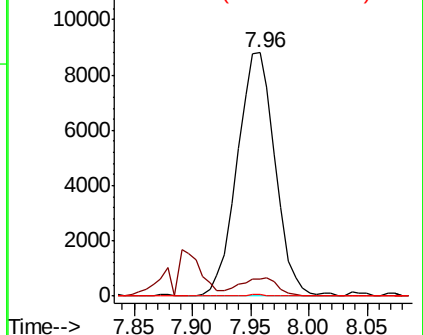
77 0.2 25.5 38.3#

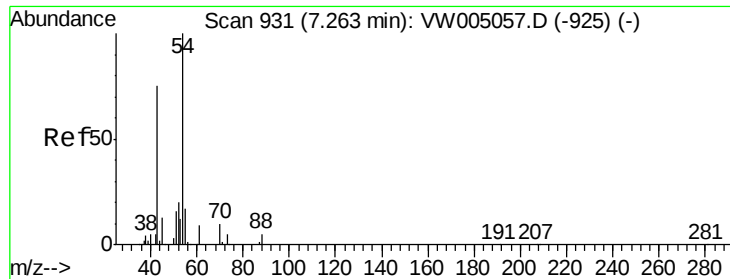


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

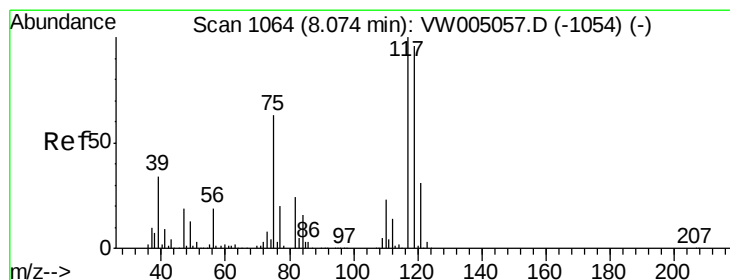
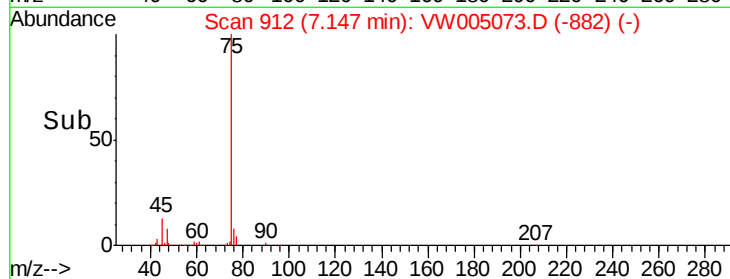
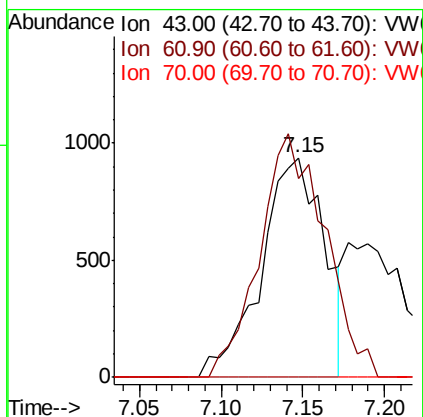
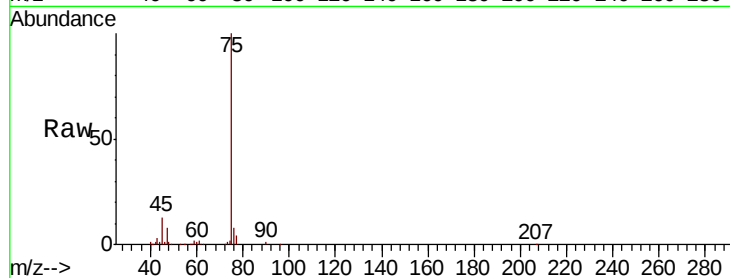




#37
Ethyl Acetate
Concen: 1.699 ug/l
RT: 7.15 min Scan# 912
Delta R.T. -0.12 min
Lab File: VW005073.D
Acq: 01 Sep 2018 08:41

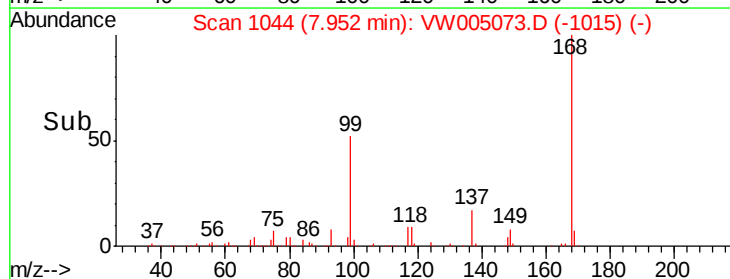
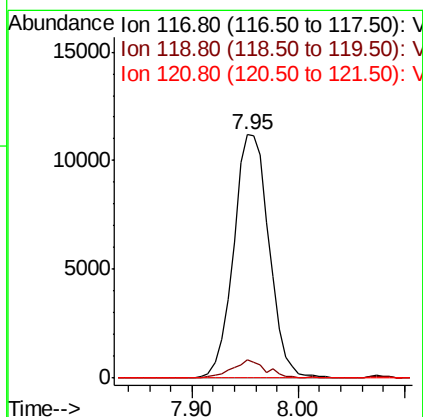
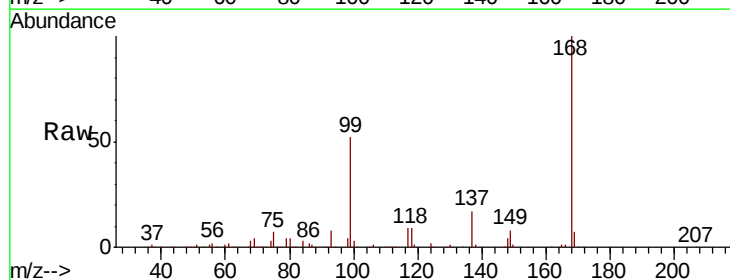
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-09-1.5-2RE

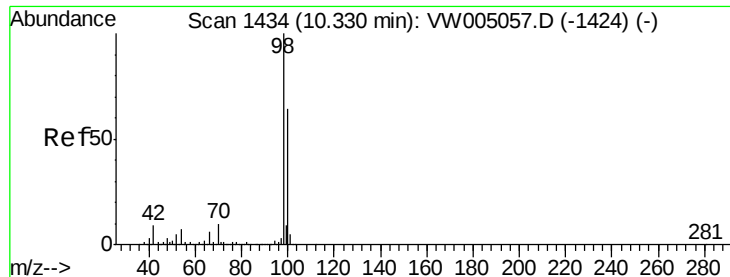
Tgt Ion: 43 Resp: 2525
Ion Ratio Lower Upper
43 100
61 114.4 12.1 18.1#
70 0.0 9.4 14.2#



#38
Carbon Tetrachloride
Concen: 6.901 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW005073.D
Acq: 01 Sep 2018 08:41

Tgt Ion: 117 Resp: 26070
Ion Ratio Lower Upper
117 100
119 7.3 76.6 115.0#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 33.970 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005073.D

Acq: 01 Sep 2018 08:41

Instrument :

MSVOA_W

ClientSampleId :

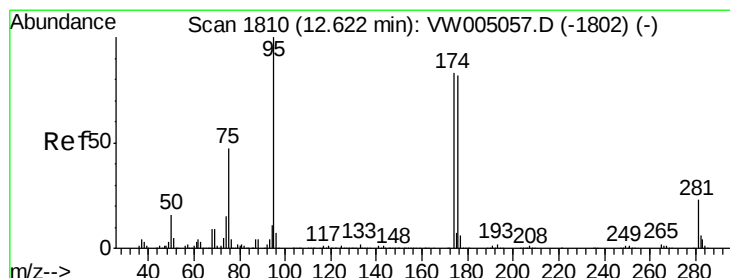
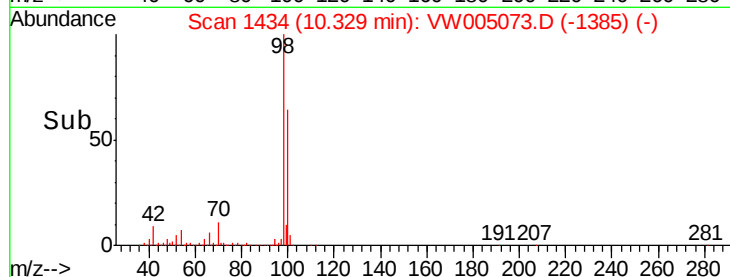
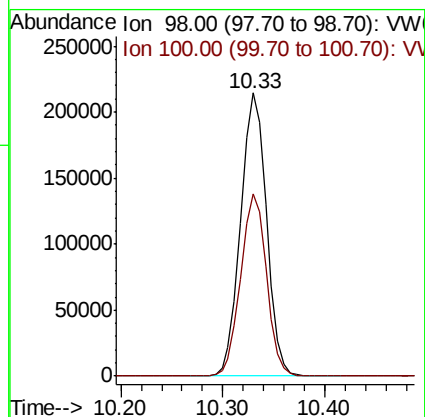
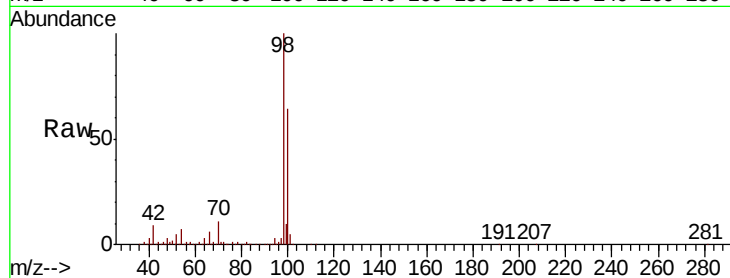
ENY-SB-09-1.5-2RE

Tgt Ion: 98 Resp: 377324

Ion Ratio Lower Upper

98 100

100 64.1 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 12.962 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005073.D

Acq: 01 Sep 2018 08:41

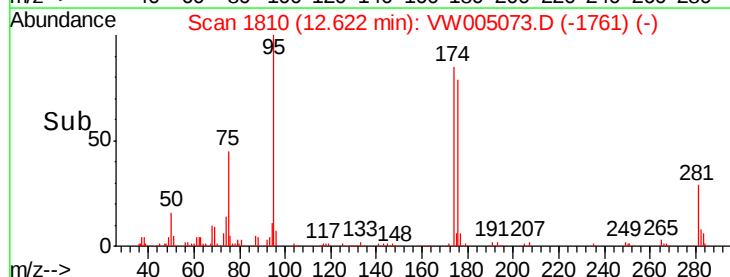
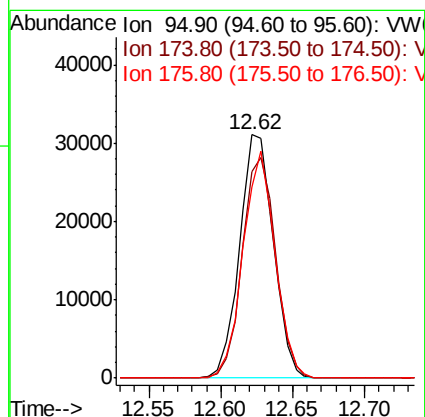
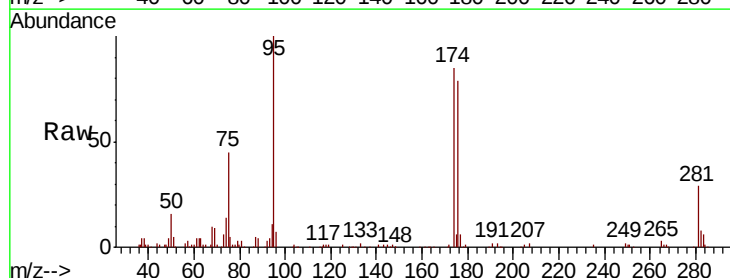
Tgt Ion: 95 Resp: 50770

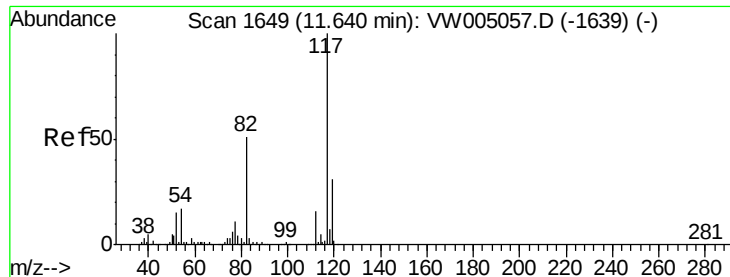
Ion Ratio Lower Upper

95 100

174 89.4 0.0 173.4

176 87.8 0.0 167.4

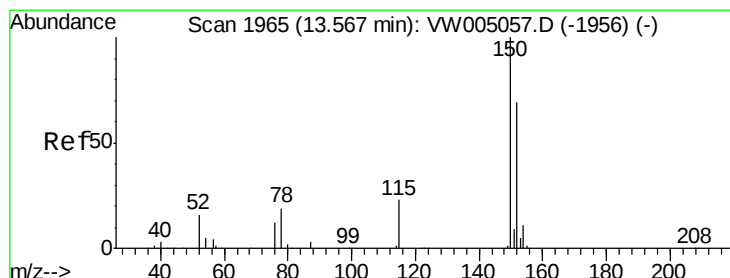
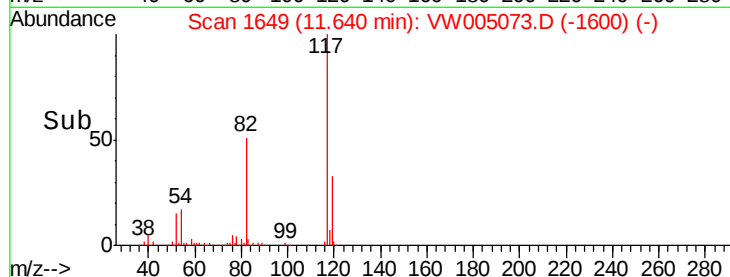
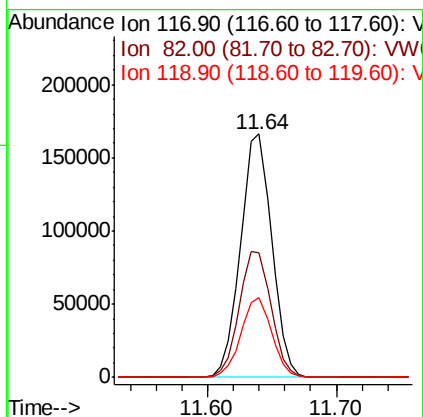
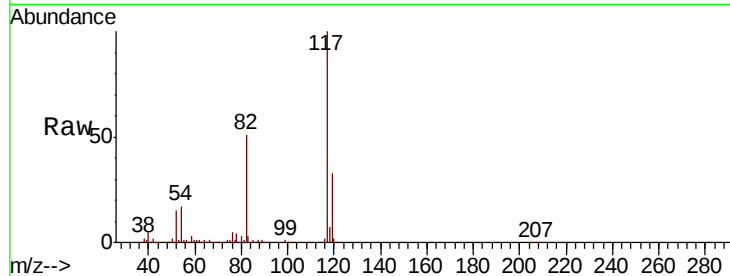




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW005073.D
Acq: 01 Sep 2018 08:41

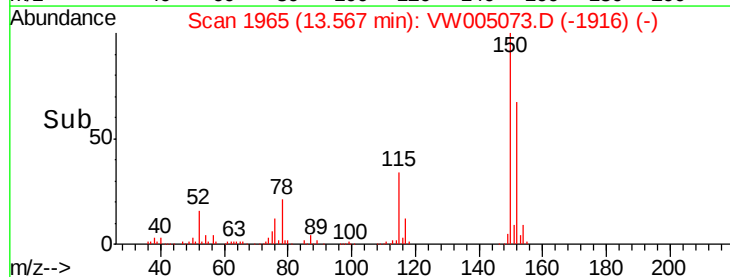
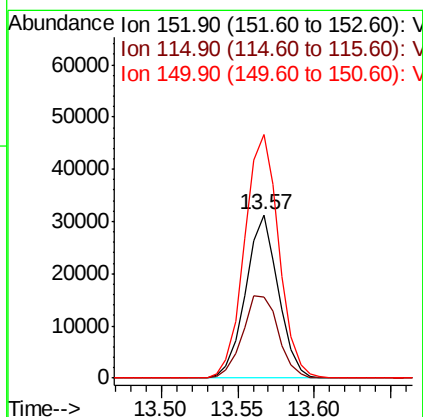
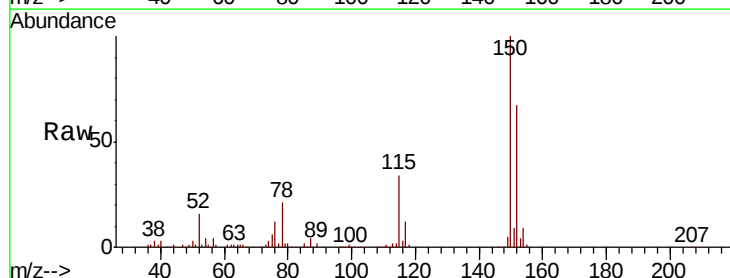
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-09-1.5-2RE

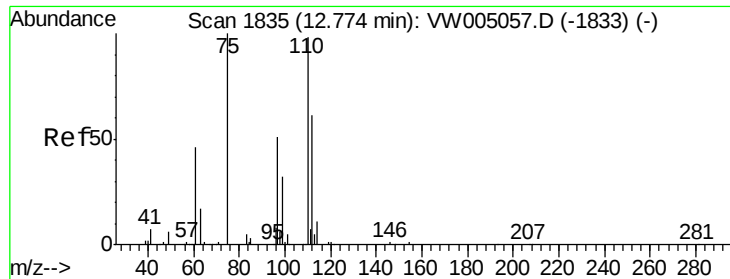
Tgt Ion:117 Resp: 279483
Ion Ratio Lower Upper
117 100
82 51.1 40.9 61.3
119 32.8 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005073.D
Acq: 01 Sep 2018 08:41

Tgt Ion:152 Resp: 46419
Ion Ratio Lower Upper
152 100
115 55.4 27.8 83.4
150 156.9 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 67.147 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW005073.D

Acq: 01 Sep 2018 08:41

Instrument :

MSVOA_W

ClientSampleId :

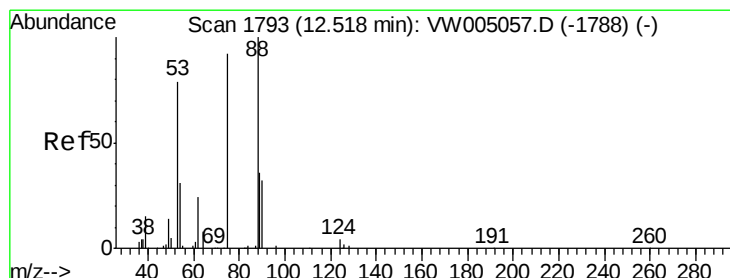
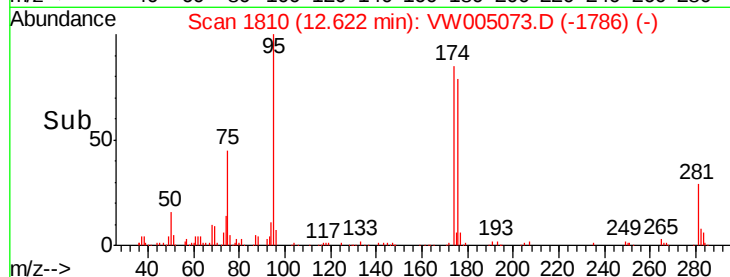
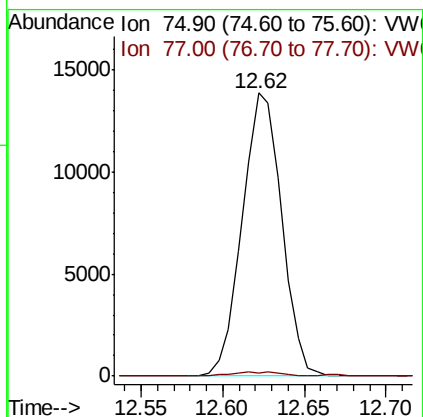
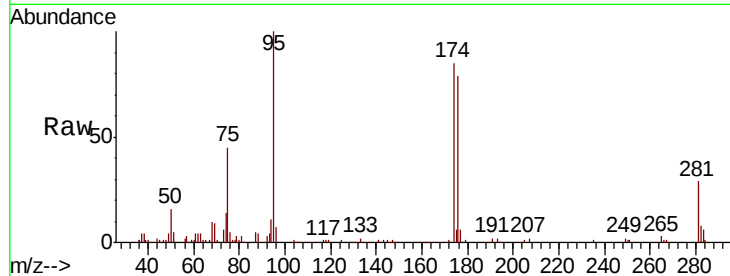
ENY-SB-09-1.5-2RE

Tgt Ion: 75 Resp: 23396

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 161.614 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW005073.D

Acq: 01 Sep 2018 08:41

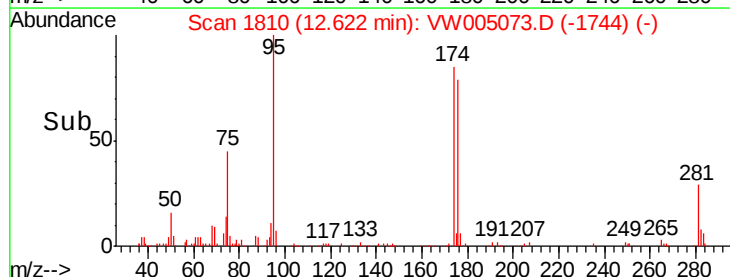
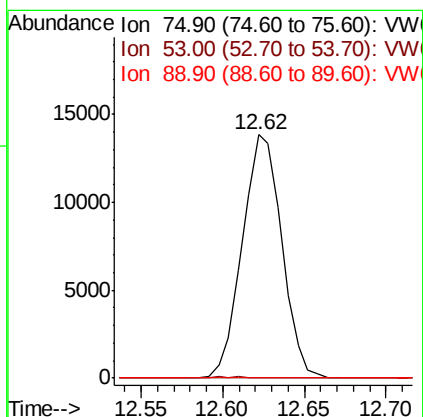
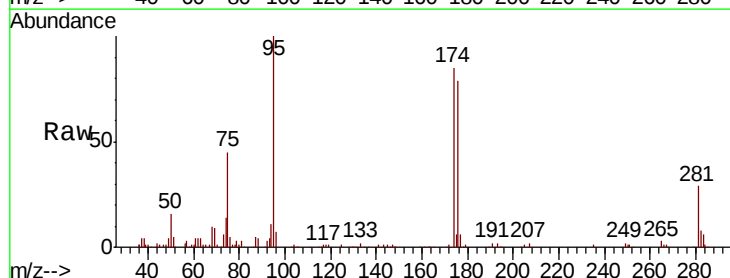
Tgt Ion: 75 Resp: 23396

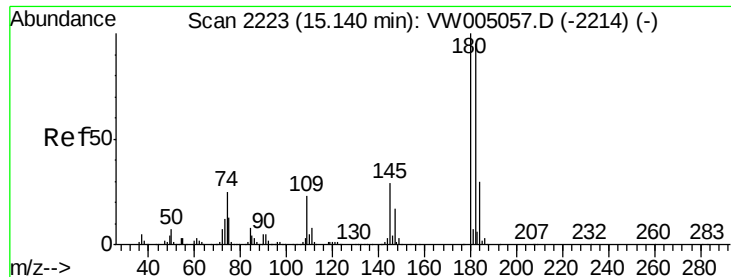
Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.0 36.0 54.0#

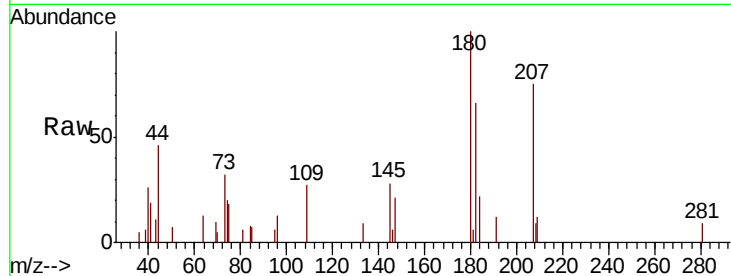




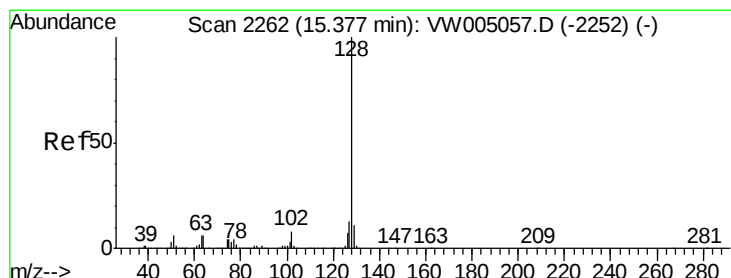
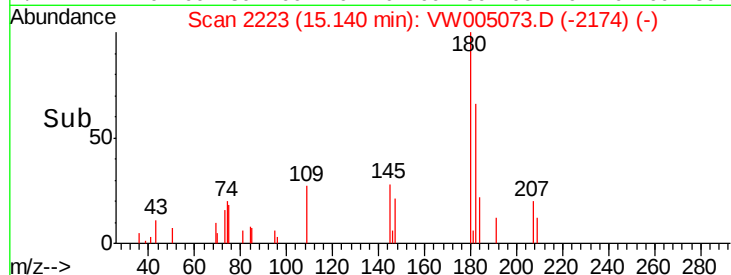
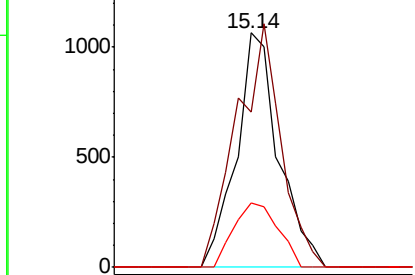
#93
 1,2,4-Trichlorobenzene
 Concen: 1.580 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VW005073.D
 Acq: 01 Sep 2018 08:41

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-09-1.5-2RE

Tgt Ion:180 Resp: 1530
 Ion Ratio Lower Upper
 180 100
 182 109.0 47.5 142.6
 145 28.8 14.4 43.2

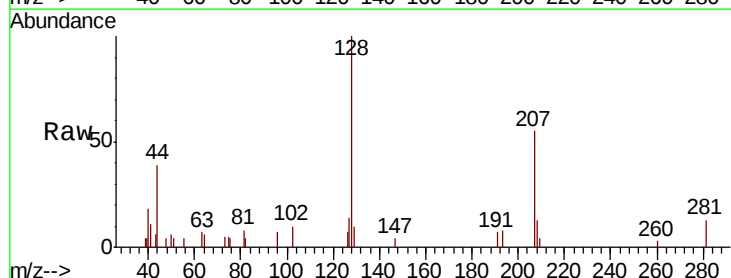


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

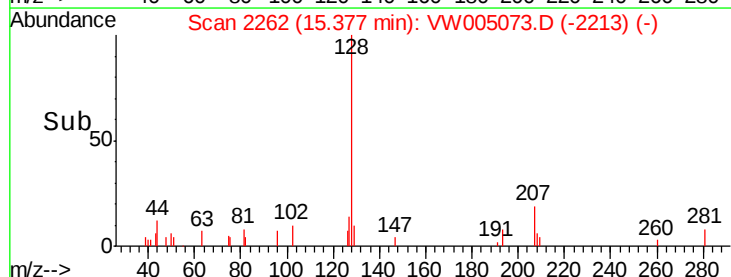
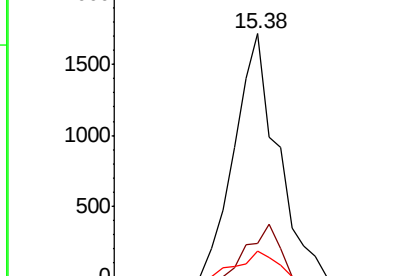


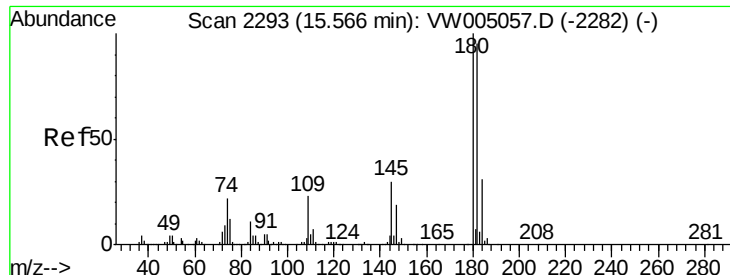
#95
 Naphthalene
 Concen: 5.454 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VW005073.D
 Acq: 01 Sep 2018 08:41

Tgt Ion:128 Resp: 2682
 Ion Ratio Lower Upper
 128 100
 127 15.1 10.4 15.6
 129 8.6 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





#96

1,2,3-Trichlorobenzene

Concen: 1.786 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VW005073.D

Acq: 01 Sep 2018 08:41

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-09-1.5-2RE

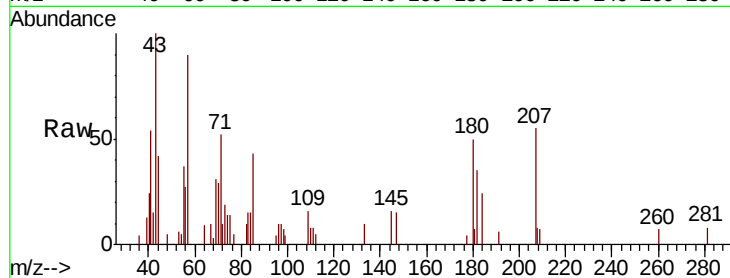
Tgt Ion:180 Resp: 1480

Ion Ratio Lower Upper

180 100

182 85.9 47.4 142.3

145 26.4 15.4 46.1



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

