

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101818\
 Data File : VW006180.D
 Acq On : 18 Oct 2018 17:10
 Operator : VA/AP
 Sample : J5575-13
 Misc : 5.3G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1015-S-DH-25-B

Quant Time: Oct 19 06:02:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

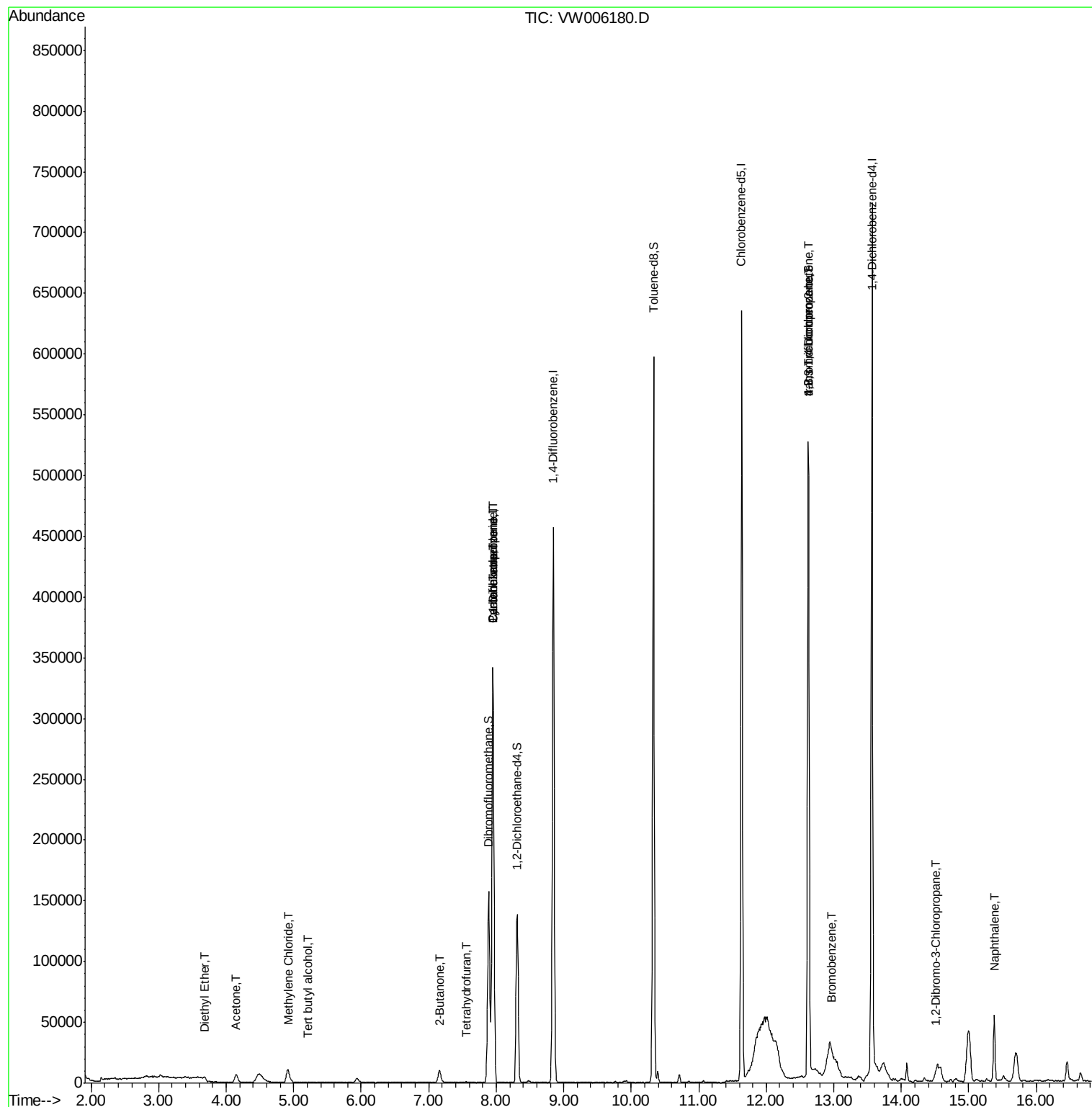
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	276312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	404748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	366558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	199244	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	110991	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
35) Dibromofluoromethane	7.88	113	109952	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
50) Toluene-d8	10.33	98	405474	44.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.12%	
62) 4-Bromofluorobenzene	12.62	95	152614	44.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.32%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	2104	1.691	ug/l	77
11) Tert butyl alcohol	5.21	59	242	1.571	ug/l #	71
16) Acetone	4.14	43	13650	18.025	ug/l	95
20) Methylene Chloride	4.92	84	8844	2.089	ug/l	98
25) 2-Butanone	7.16	43	675	1.091	ug/l #	46
29) Tetrahydrofuran	7.56	42	446	1.172	ug/l #	34
31) Cyclohexane	7.95	56	4962	1.184	ug/l #	18
36) 1,1-Dichloropropene	7.95	75	17741	4.755	ug/l #	49
38) Carbon Tetrachloride	7.95	117	24824	6.070	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	79290	52.102	ug/l #	100
77) Bromobenzene	12.97	156	6652	1.929	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	79290	124.544	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.51	75	425	1.109	ug/l #	1
95) Naphthalene	15.38	128	48020	6.130	ug/l	99

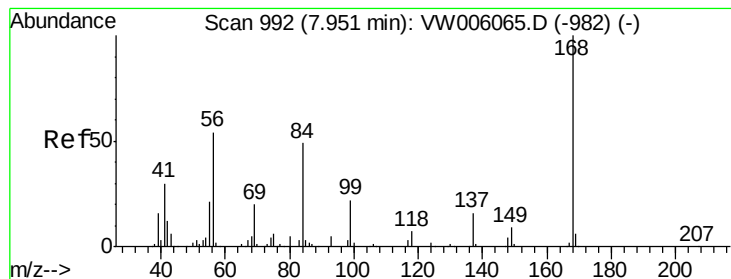
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101818\
Data File : VW006180.D
Acq On : 18 Oct 2018 17:10
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SSSI-1015-S-DH-25-B

Quant Time: Oct 19 06:02:44 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006180.D

Acq: 18 Oct 2018 17:10

Instrument :

MSVOA_W

ClientSampleId :

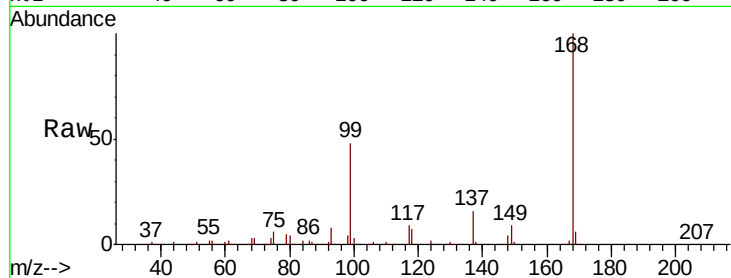
SSSI-1015-S-DH-25-B

Tot Ion:168 Resp: 276312

Ion Ratio Lower Upper

168 100

99 48.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

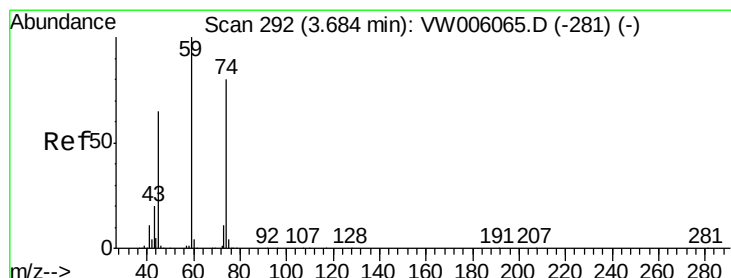
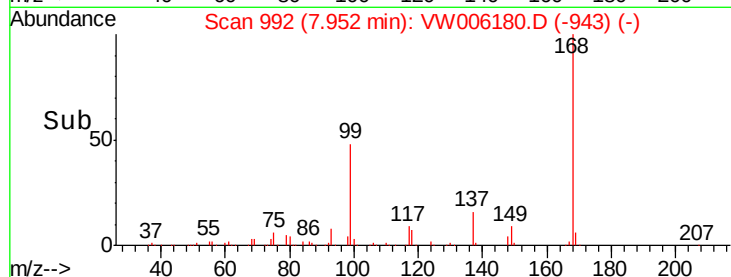
100000

50000

0

7.90 8.00

Time-->



#8

Diethyl Ether

Concen: 1.691 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006180.D

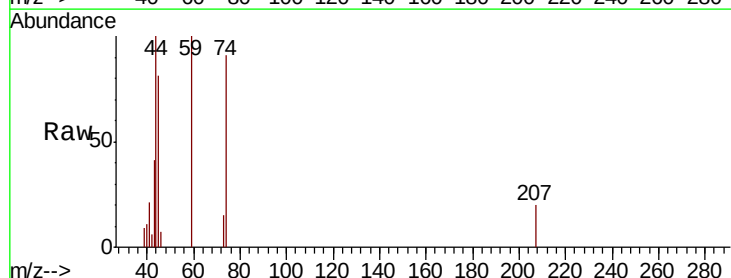
Acq: 18 Oct 2018 17:10

Tgt Ion: 74 Resp: 2104

Ion Ratio Lower Upper

74 100

45 107.0 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

1000

800

600

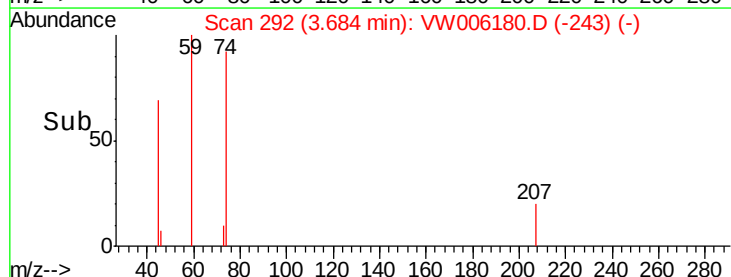
400

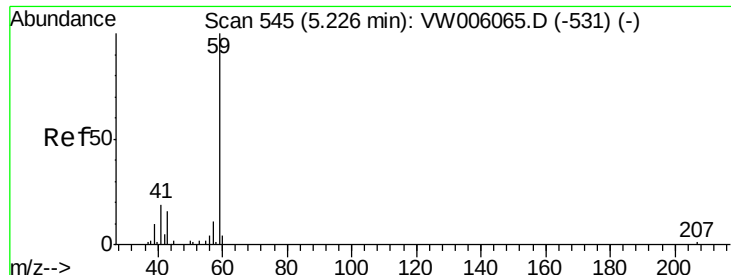
200

0

3.60 3.65 3.70 3.75

Time-->



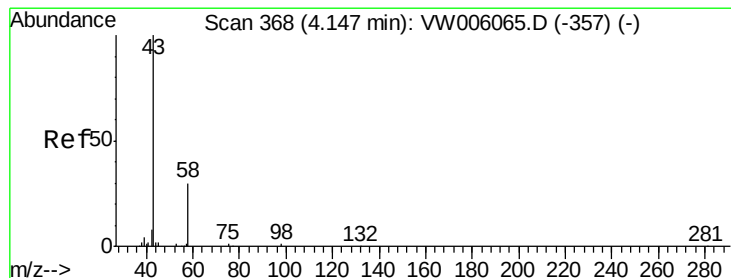
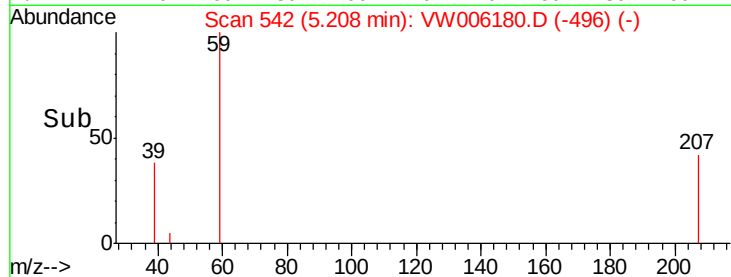
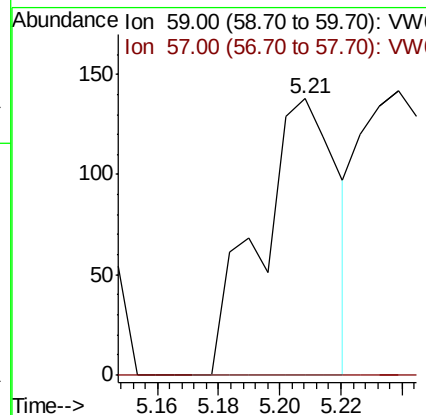
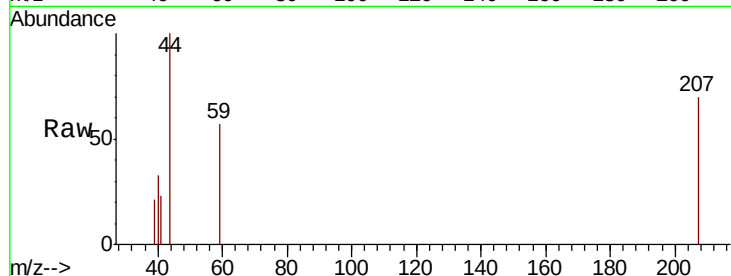


#11

Tert butyl alcohol
 Concen: 1.571 ug/l
 RT: 5.21 min Scan# 542
 Delta R.T. -0.02 min
 Lab File: VW006180.D
 Acq: 18 Oct 2018 17:10

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1015-S-DH-25-B

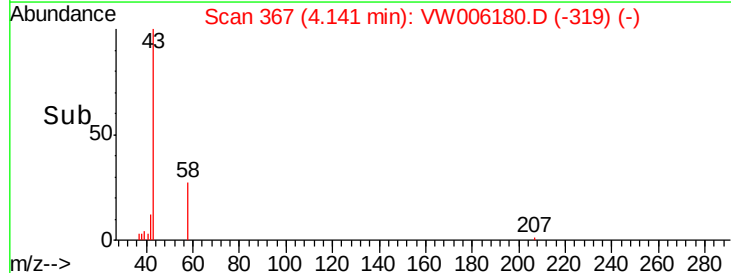
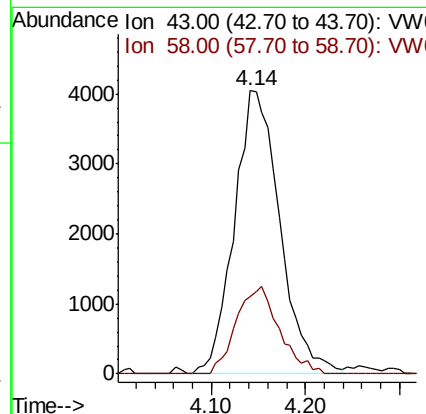
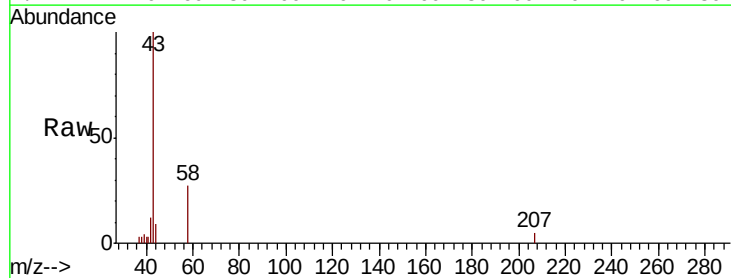
Tot Ion: 59 Resp: 242
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.7 13.1#

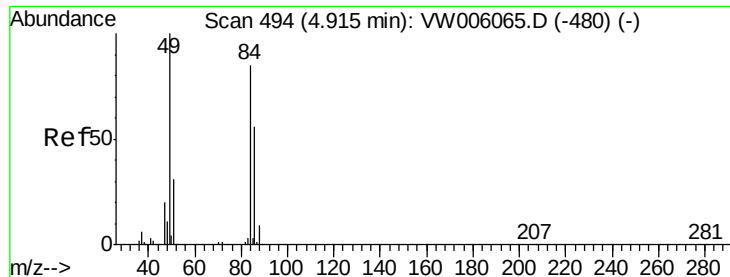


#16

Acetone
 Concen: 18.025 ug/l
 RT: 4.14 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VW006180.D
 Acq: 18 Oct 2018 17:10

Tgt Ion: 43 Resp: 13650
 Ion Ratio Lower Upper
 43 100
 58 27.3 24.0 36.0

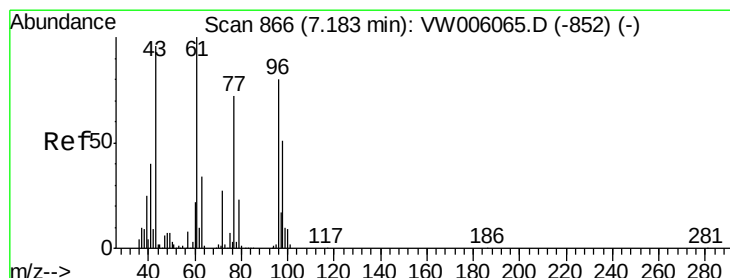
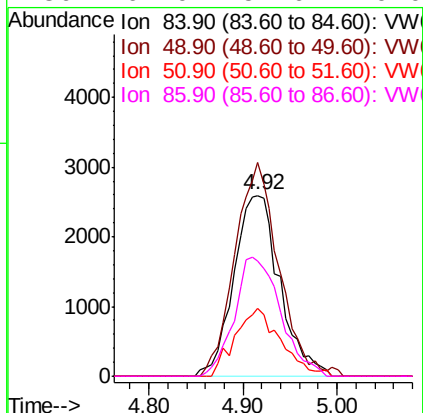
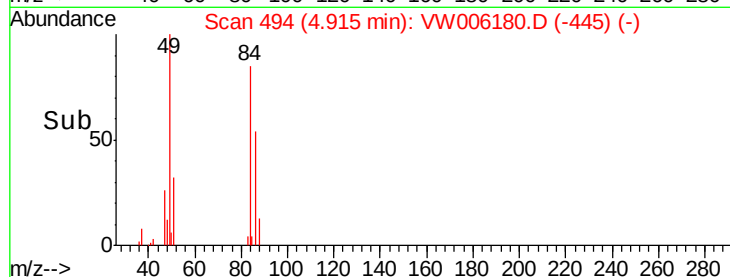
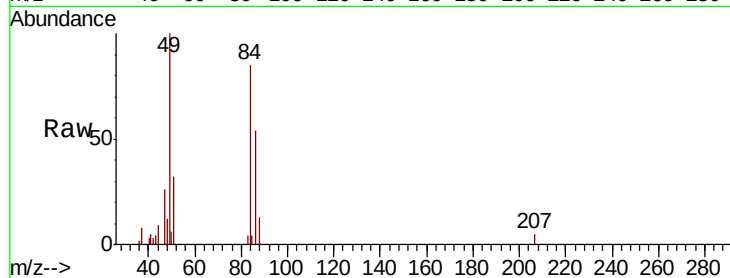




#20
Methylene Chloride
Concen: 2.089 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006180.D
Acq: 18 Oct 2018 17:10

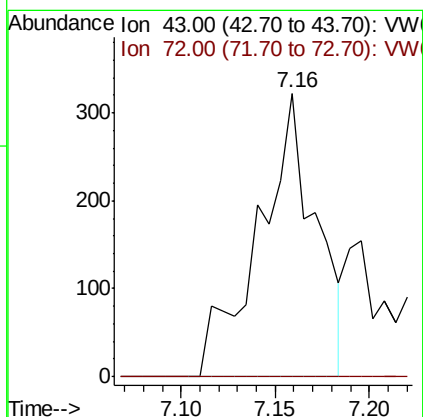
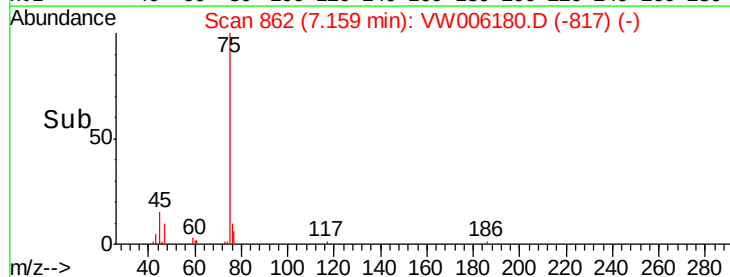
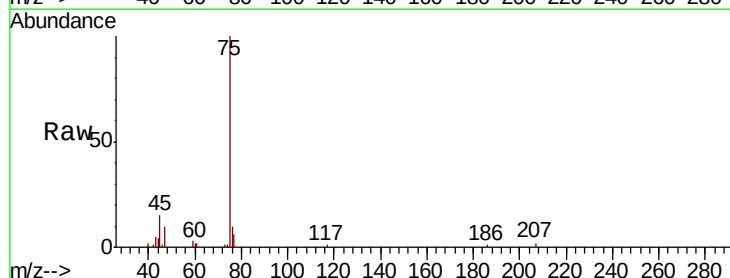
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1015-S-DH-25-B

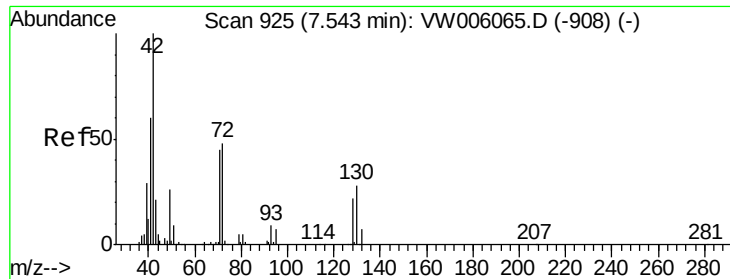
Tot Ion: 84 Resp: 8844
Ion Ratio Lower Upper
84 100
49 118.2 93.6 140.4
51 37.9 29.0 43.4
86 64.0 52.6 79.0



#25
2-Butanone
Concen: 1.091 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: VW006180.D
Acq: 18 Oct 2018 17:10

Tgt Ion: 43 Resp: 675
Ion Ratio Lower Upper
43 100
72 0.0 22.8 34.2#





#29

Tetrahydrofuran

Concen: 1.172 ug/l

RT: 7.56 min Scan# 927

Delta R.T. 0.01 min

Lab File: VW006180.D

Acq: 18 Oct 2018 17:10

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1015-S-DH-25-B

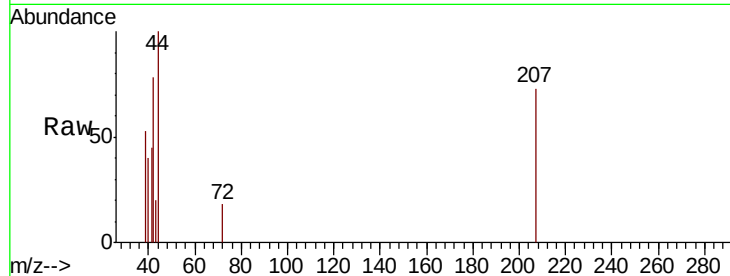
Tot Ion: 42 Resp: 446

Ion Ratio Lower Upper

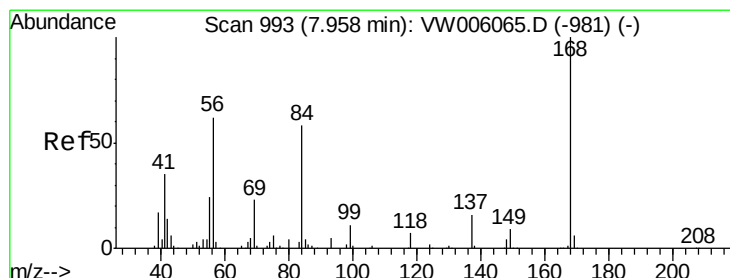
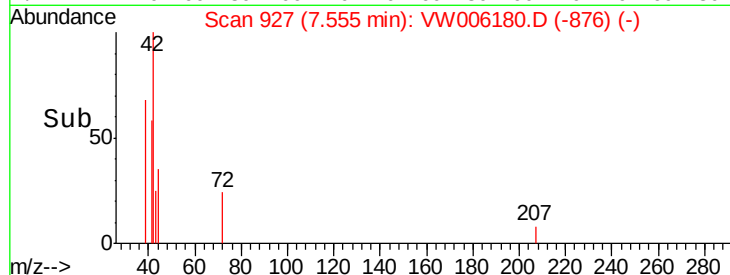
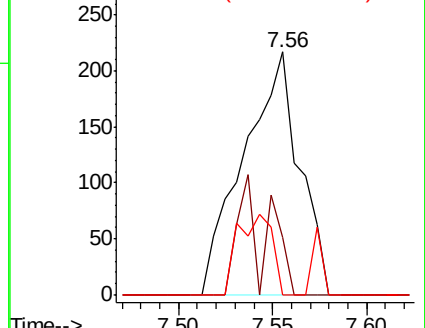
42 100

72 0.0 38.0 57.0#

71 4.9 35.3 52.9#



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



#31

Cyclohexane

Concen: 1.184 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006180.D

Acq: 18 Oct 2018 17:10

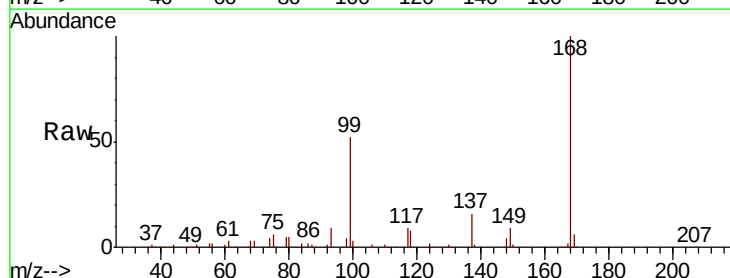
Tgt Ion: 56 Resp: 4962

Ion Ratio Lower Upper

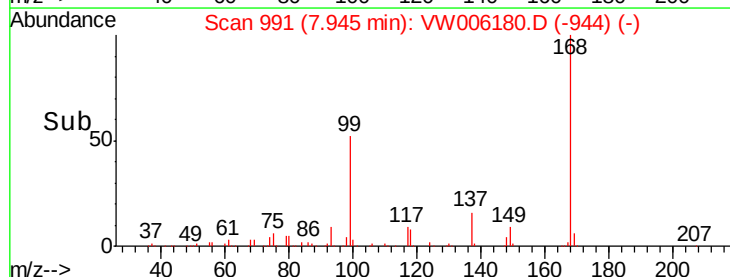
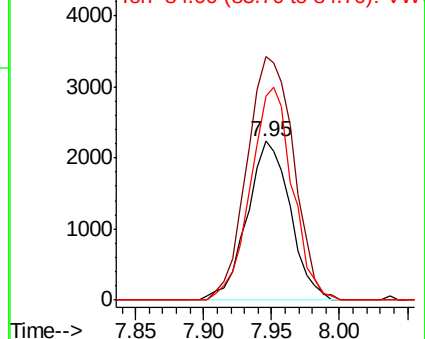
56 100

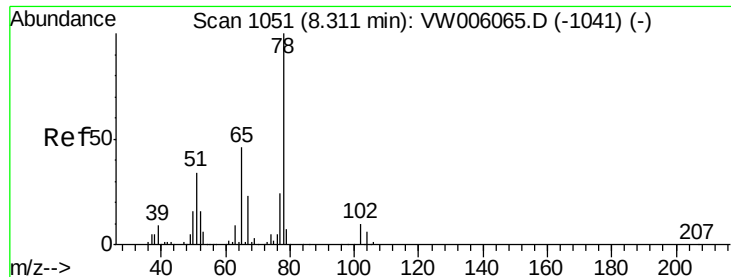
69 153.1 29.4 44.0#

84 128.0 74.0 111.0#



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

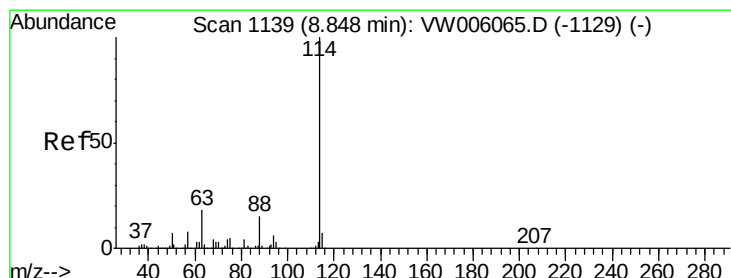
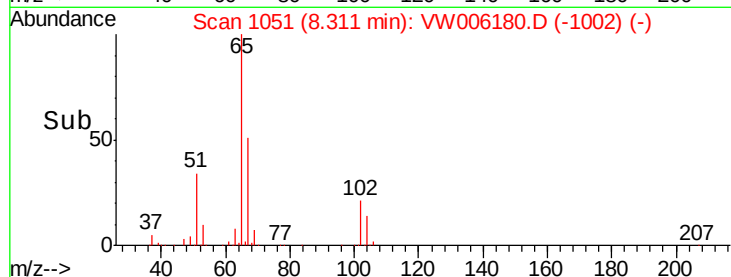
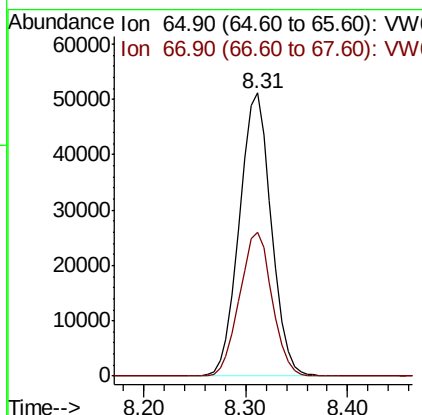
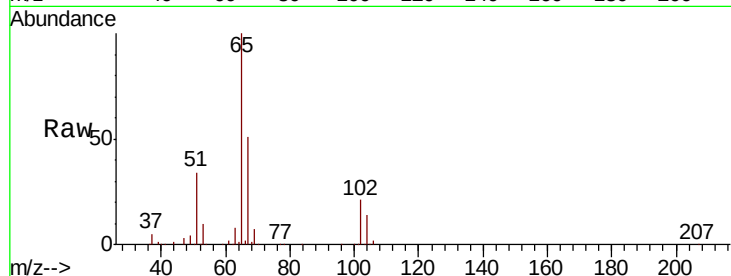




#33
 1,2-Dichloroethane-d4
 Concen: 48.451 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006180.D
 Acq: 18 Oct 2018 17:10

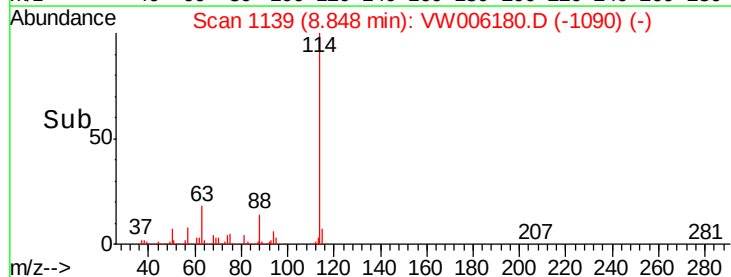
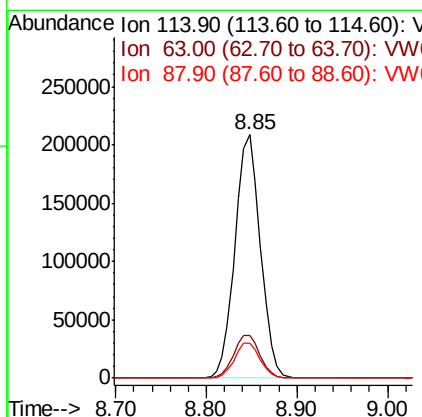
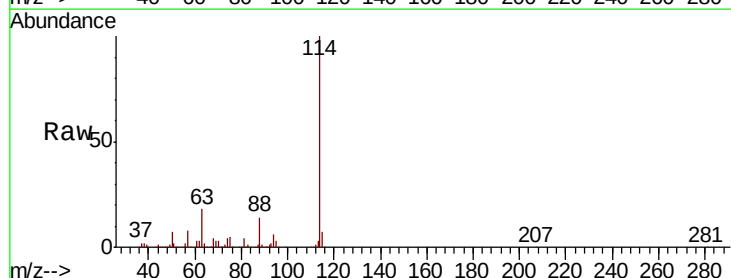
Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1015-S-DH-25-B

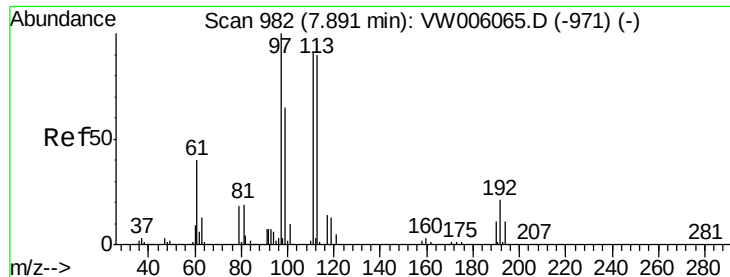
Tot Ion: 65 Resp: 110991
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006180.D
 Acq: 18 Oct 2018 17:10

Tgt Ion: 114 Resp: 404748
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.8
 88 14.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 45.974 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006180.D

Acq: 18 Oct 2018 17:10

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1015-S-DH-25-B

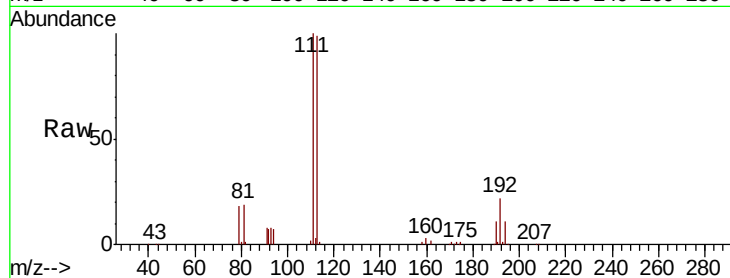
Tot Ion:113 Resp: 109952

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

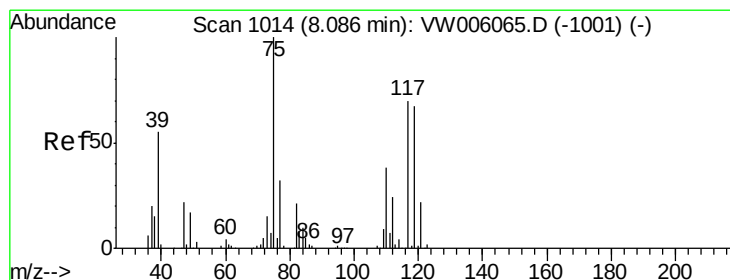
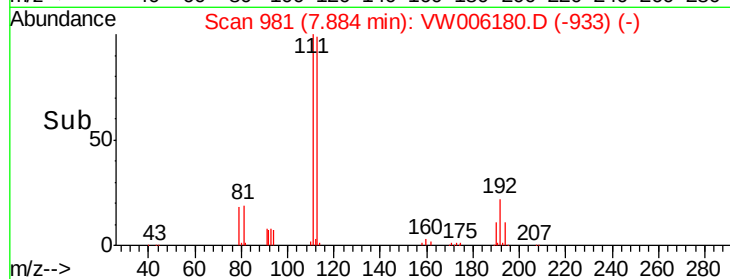
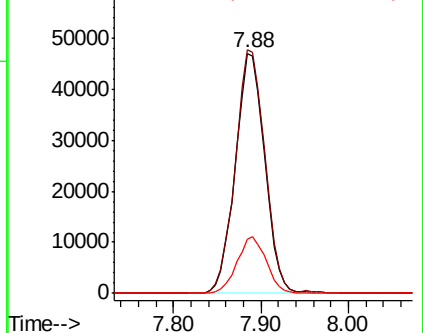
192 23.4 18.7 28.1



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: 4.755 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006180.D

Acq: 18 Oct 2018 17:10

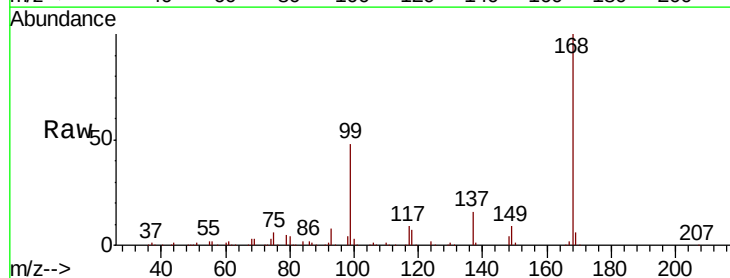
Tgt Ion: 75 Resp: 17741

Ion Ratio Lower Upper

75 100

110 9.8 19.1 57.1#

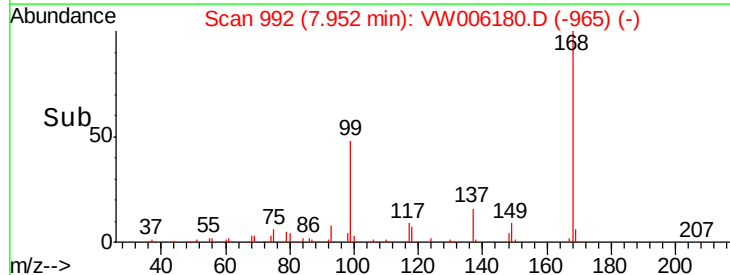
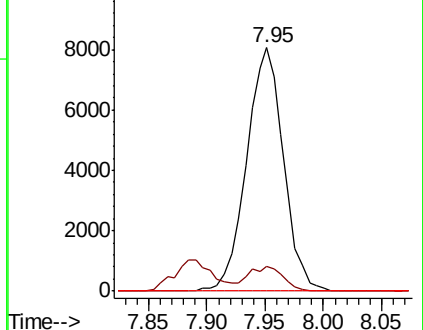
77 0.0 25.0 37.4#

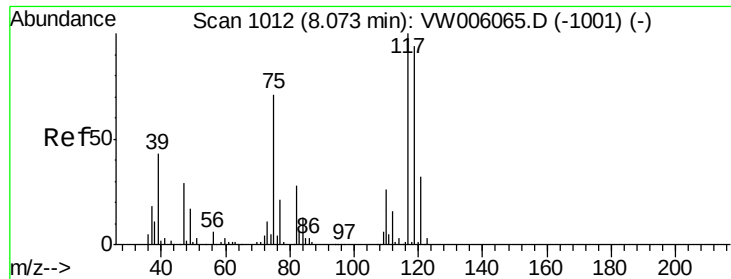


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.070 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006180.D

Acq: 18 Oct 2018 17:10

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1015-S-DH-25-B

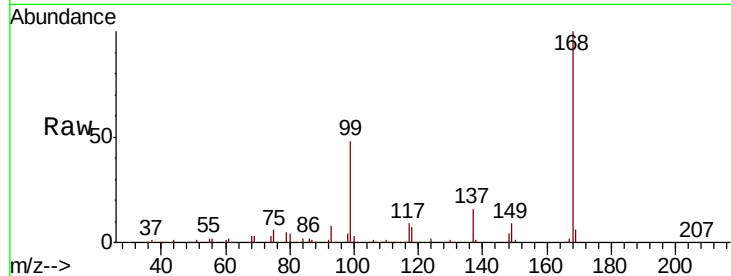
Tot Ion:117 Resp: 24824

Ion Ratio Lower Upper

117 100

119 4.0 75.2 112.8#

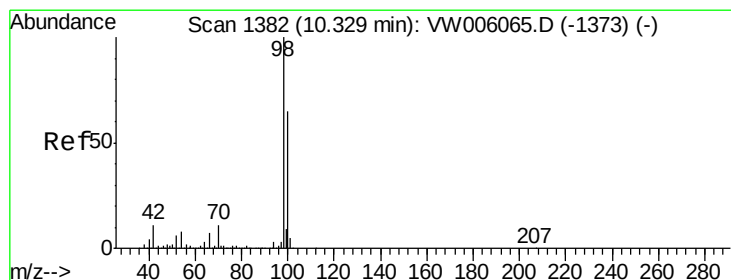
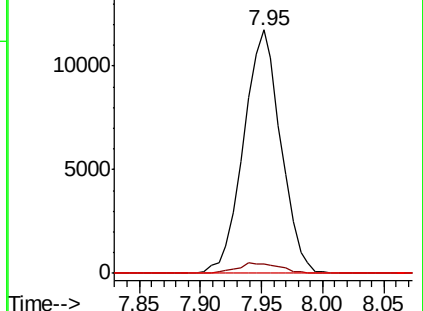
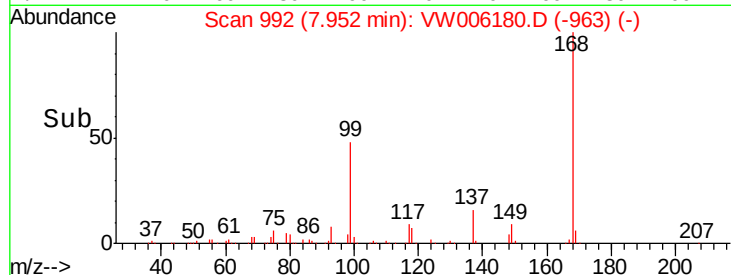
121 0.0 25.3 37.9#



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: 44.562 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006180.D

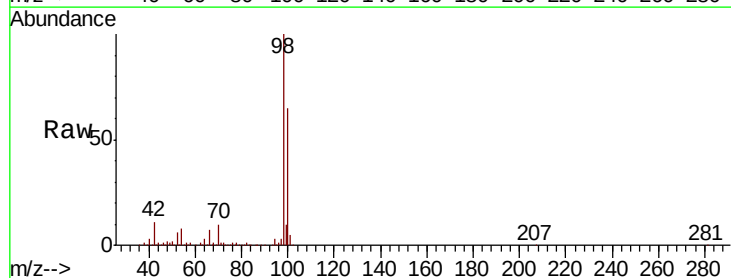
Acq: 18 Oct 2018 17:10

Tgt Ion: 98 Resp: 405474

Ion Ratio Lower Upper

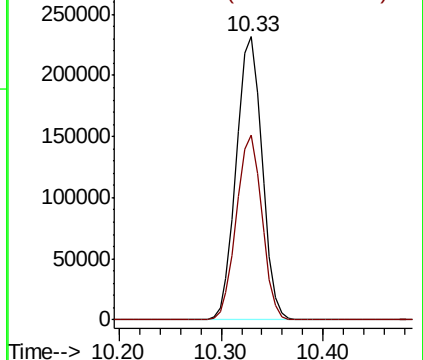
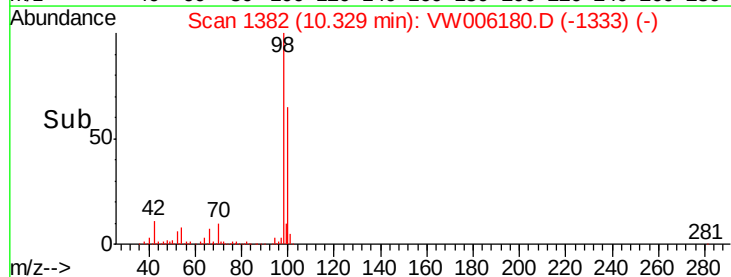
98 100

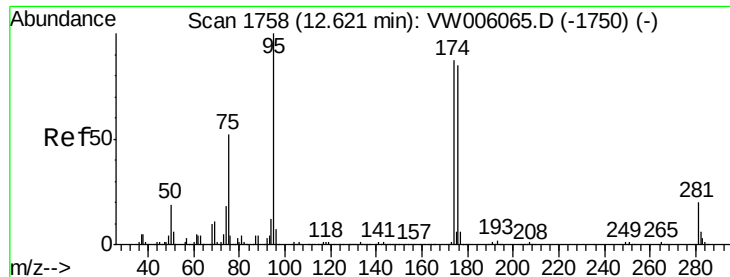
100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

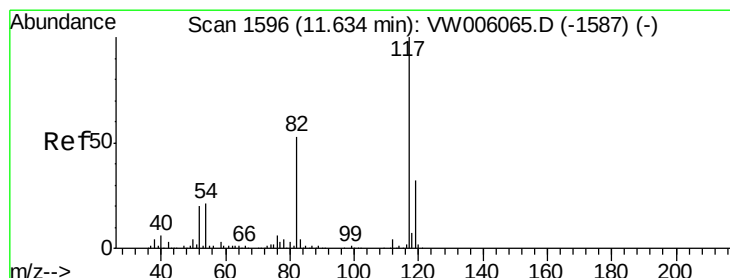
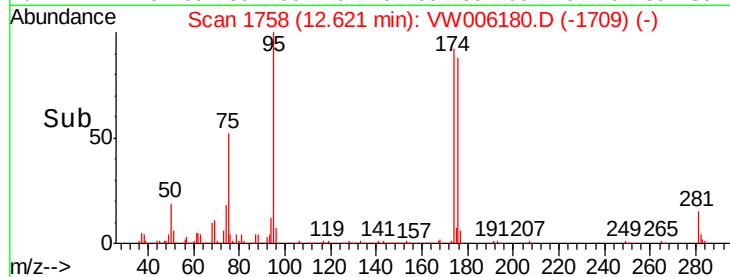
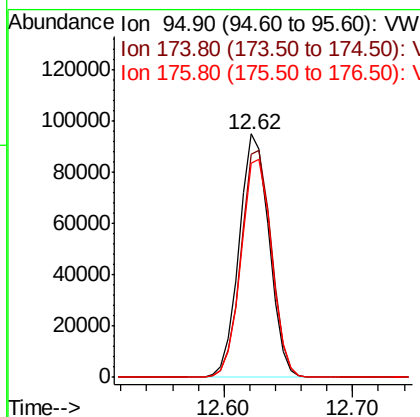
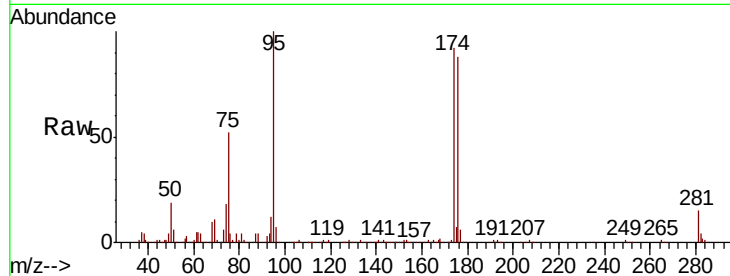




#62
4-Bromofluorobenzene
Concen: 44.657 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006180.D
Acq: 18 Oct 2018 17:10

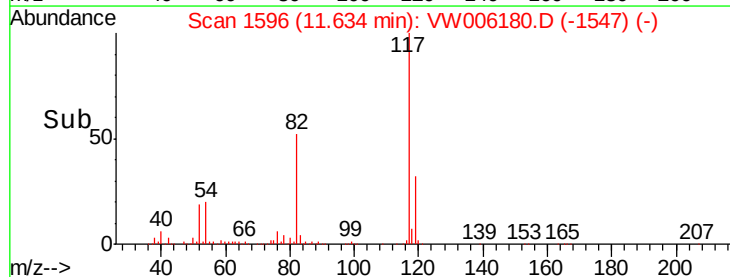
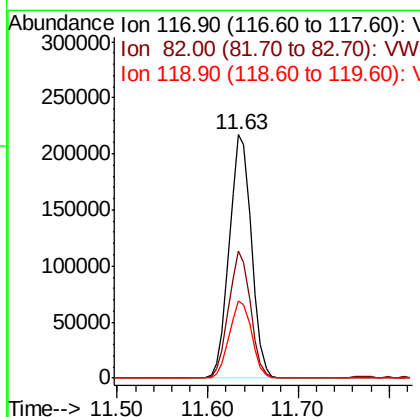
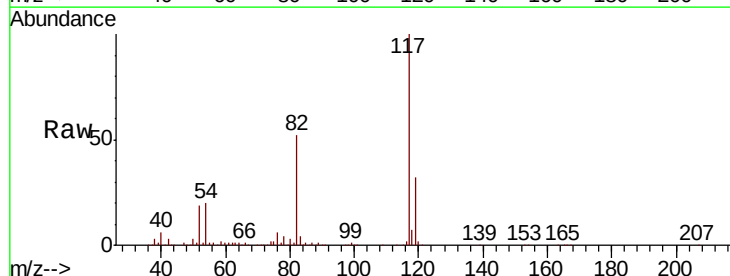
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1015-S-DH-25-B

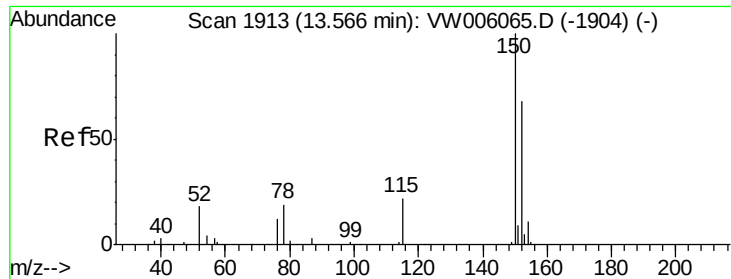
Tot Ion: 95 Resp: 152614
Ion Ratio Lower Upper
95 100
174 94.7 0.0 186.0
176 91.5 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006180.D
Acq: 18 Oct 2018 17:10

Tgt Ion: 117 Resp: 366558
Ion Ratio Lower Upper
117 100
82 52.2 42.1 63.1
119 31.6 25.8 38.6



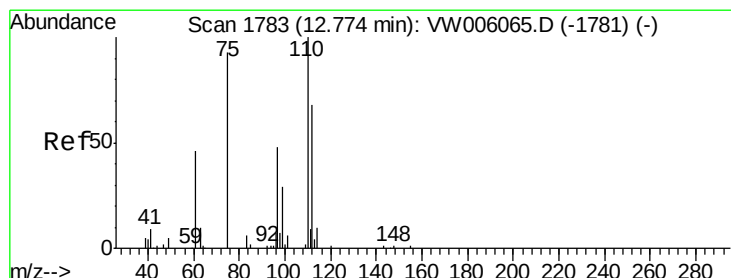
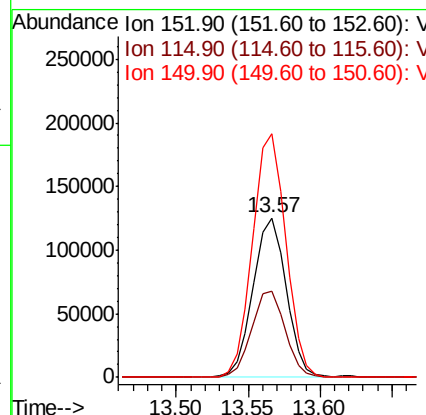
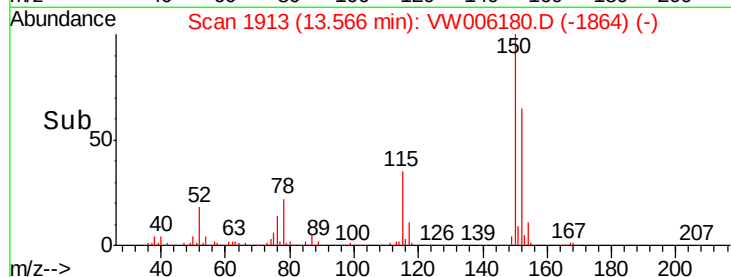
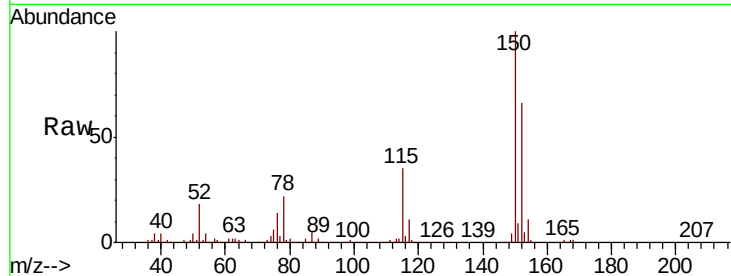


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006180.D
Acq: 18 Oct 2018 17:10

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1015-S-DH-25-B

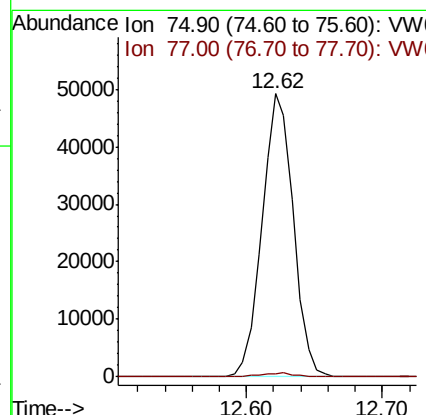
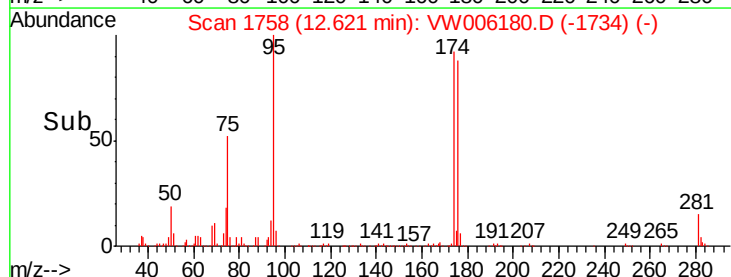
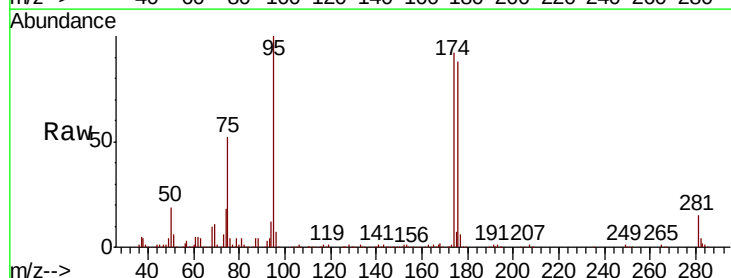
Tot Ion:152 Resp: 199244
Ion Ratio Lower Upper
152 100
115 55.2 27.8 83.3
150 153.3 0.0 349.2

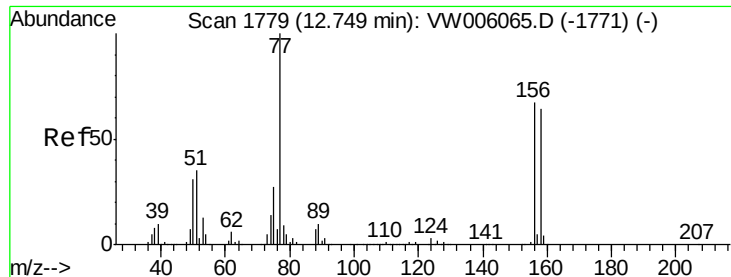


#76

1,2,3-Trichloropropane
Concen: 52.102 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006180.D
Acq: 18 Oct 2018 17:10

Tgt Ion: 75 Resp: 79290
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#77

Bromobenzene

Concen: 1.929 ug/l

RT: 12.97 min Scan# 1815

Delta R.T. 0.22 min

Lab File: VW006180.D

Acq: 18 Oct 2018 17:10

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1015-S-DH-25-B

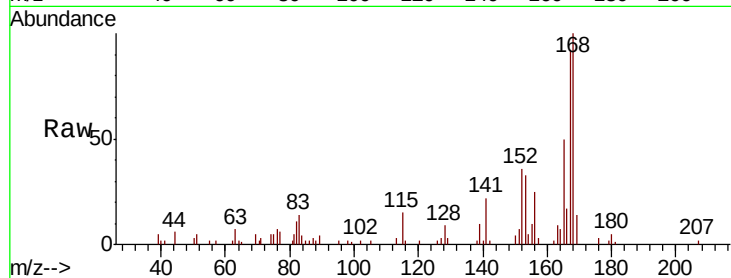
Tot Ion:156 Resp: 6652

Ion Ratio Lower Upper

156 100

77 0.0 79.1 237.4#

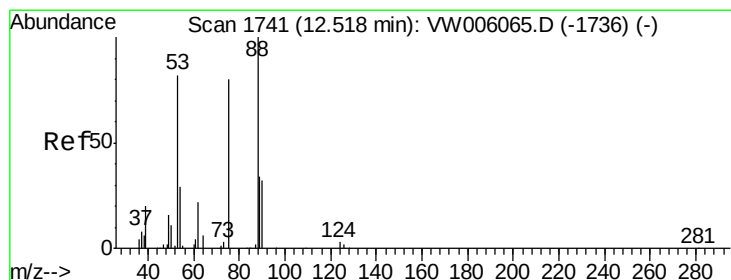
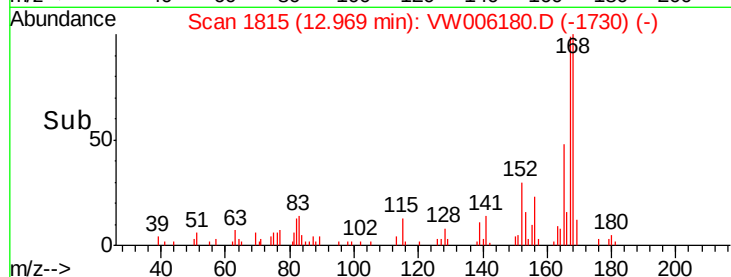
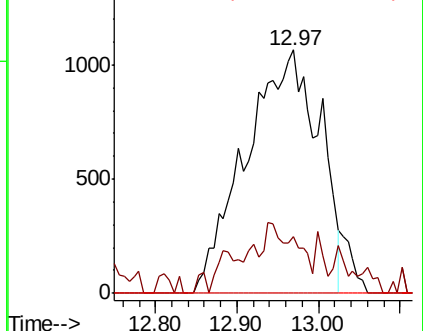
158 0.0 48.5 145.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 124.544 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006180.D

Acq: 18 Oct 2018 17:10

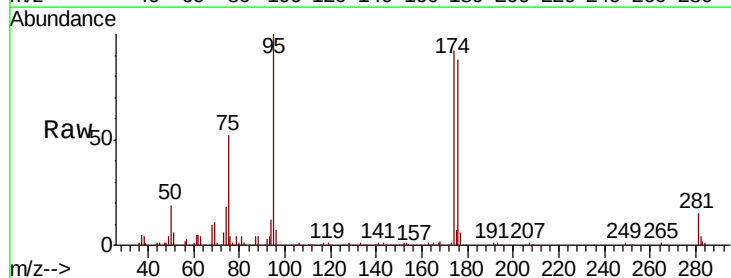
Tgt Ion: 75 Resp: 79290

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

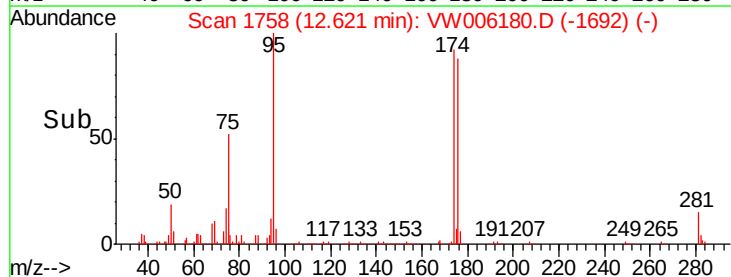
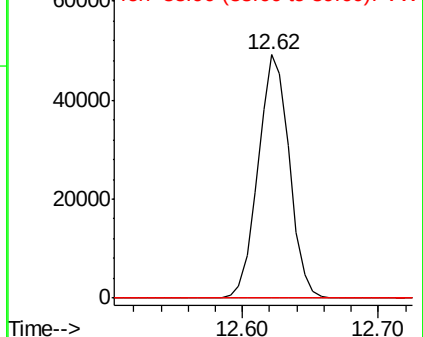
89 0.0 37.5 56.3#

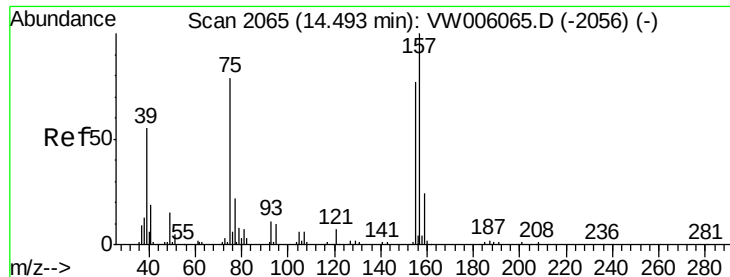


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.109 ug/l

RT: 14.51 min Scan# 2067

Delta R.T. 0.01 min

Lab File: VW006180.D

Acq: 18 Oct 2018 17:10

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1015-S-DH-25-B

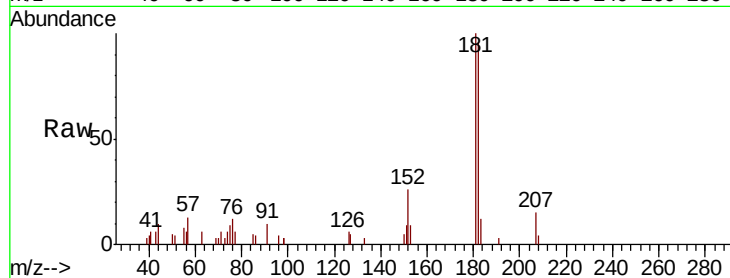
Tot Ion: 75 Resp: 425

Ion Ratio Lower Upper

75 100

155 0.0 46.5 139.5#

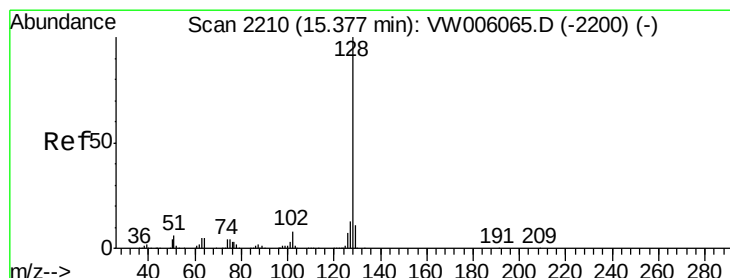
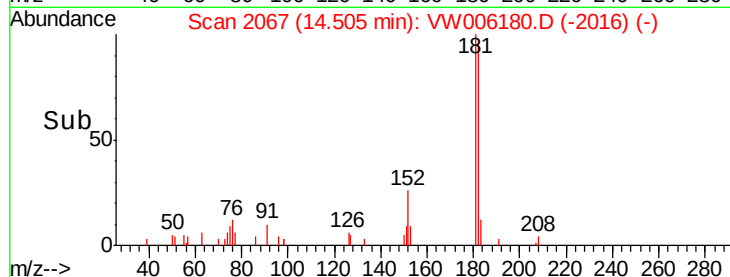
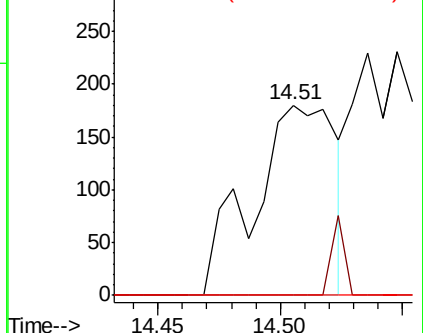
157 0.0 59.8 179.4#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 6.130 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW006180.D

Acq: 18 Oct 2018 17:10

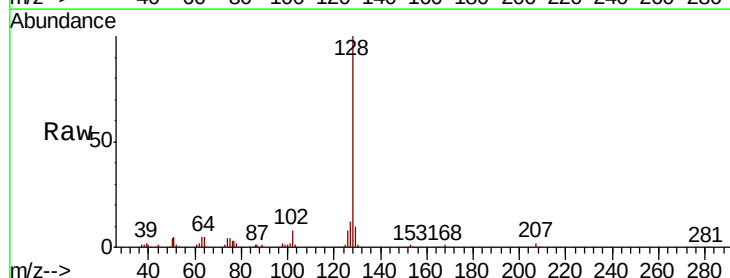
Tgt Ion: 128 Resp: 48020

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 10.5 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

