

Data File : VW008600.D
Acq On : 11 Feb 2019 16:28
Operator : SY/VA
Sample : K1458-08
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-5

Quant Time: Feb 12 04:29:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	19560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	30675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	28733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	9415	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	11580	60.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.52%	
35) Dibromofluoromethane	7.88	113	9881	55.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.18%	
50) Toluene-d8	10.32	98	36224	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
62) 4-Bromofluorobenzene	12.62	95	12330	44.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.20%	

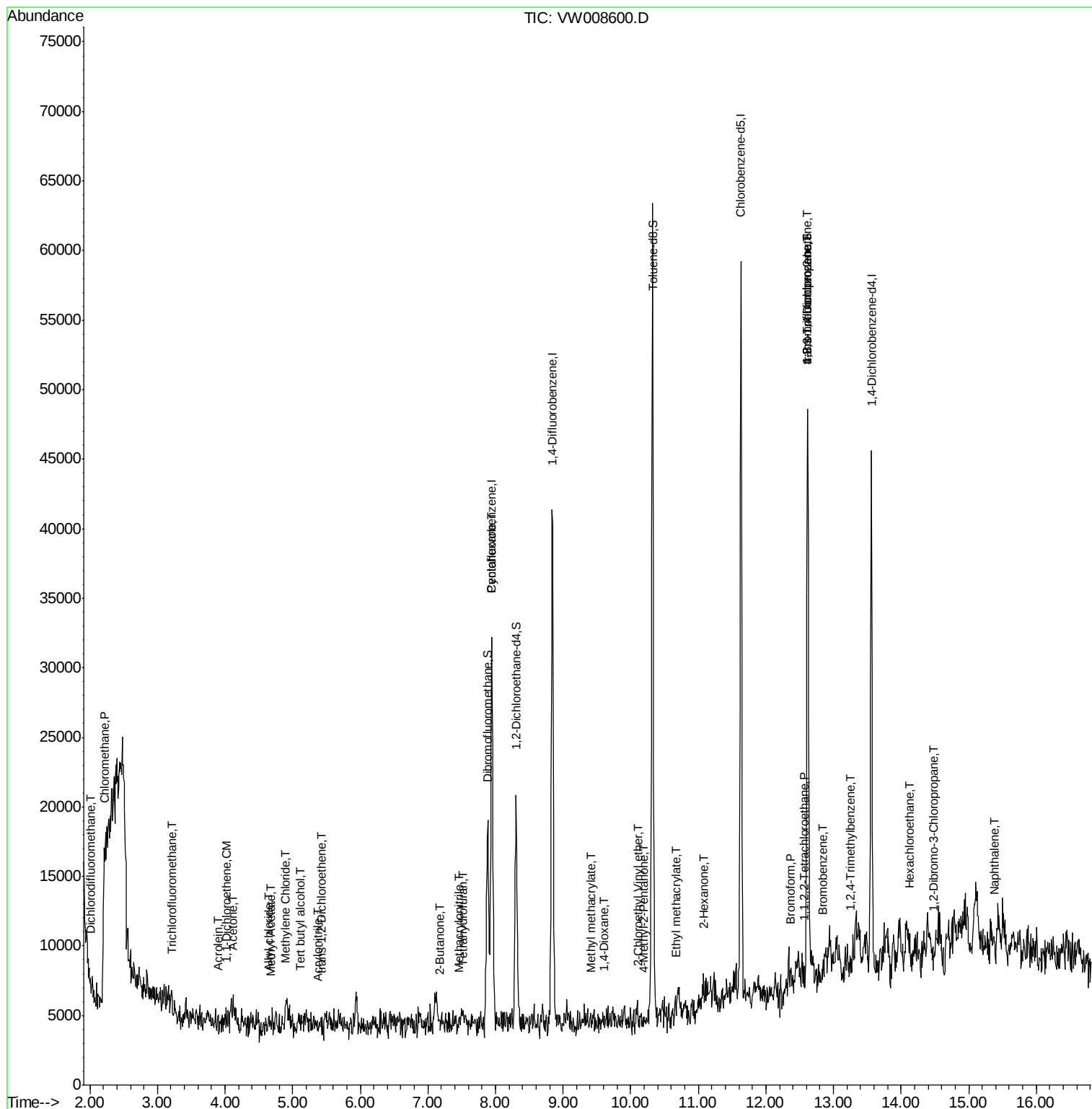
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	63	3.774	ug/l #	41
3) Chloromethane	2.21	50	327	2.048	ug/l #	38
7) Trichlorofluoromethane	3.22	101	20	4.827	ug/l #	17
11) Tert butyl alcohol	5.11	59	166	10.730	ug/l #	70
12) 1,1-Dichloroethene	4.02	96	285	1.592	ug/l #	1
13) Acrolein	3.89	56	207	19.097	ug/l #	1
14) Allyl chloride	4.65	41	437	1.285	ug/l #	56
15) Acrylonitrile	5.38	53	115	2.730	ug/l #	17
16) Acetone	4.12	43	4354	100.899	ug/l #	76
18) Methyl Acetate	4.68	43	181	1.573	ug/l #	54
20) Methylene Chloride	4.88	84	635	3.193	ug/l #	12
21) trans-1,2-Dichloroethene	5.42	96	219	1.088	ug/l #	8
25) 2-Butanone	7.17	43	504	8.409	ug/l #	50
29) Tetrahydrofuran	7.52	42	284	7.477	ug/l #	65
31) Cyclohexane	7.95	56	887	2.352	ug/l #	66
41) Methacrylonitrile	7.47	41	275	3.623	ug/l #	25
48) Methyl methacrylate	9.42	41	329	2.526	ug/l #	61
49) 1,4-Dioxane	9.61	88	20	11.475	ug/l #	23
51) 4-Methyl-2-Pentanone	10.20	43	613	4.659	ug/l #	50
56) Ethyl methacrylate	10.67	69	255	1.272	ug/l #	62
58) 2-Chloroethyl Vinyl ether	10.12	63	159	1.633	ug/l	95
59) 2-Hexanone	11.08	43	468	5.038	ug/l	65
71) Bromoform	12.35	173	206	1.745	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.57	83	194	1.746	ug/l	75
76) 1,2,3-Trichloropropane	12.62	75	6274	76.646	ug/l #	1
77) Bromobenzene	12.84	156	224	1.461	ug/l #	4
81) trans-1,4-Dichloro-2-buten	12.62	75	6274	151.382	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.25	105	794	1.332	ug/l	93
90) Hexachloroethane	14.12	117	153	1.198	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.49	75	110	5.217	ug/l #	22
95) Naphthalene	15.38	128	407	1.186	ug/l #	36

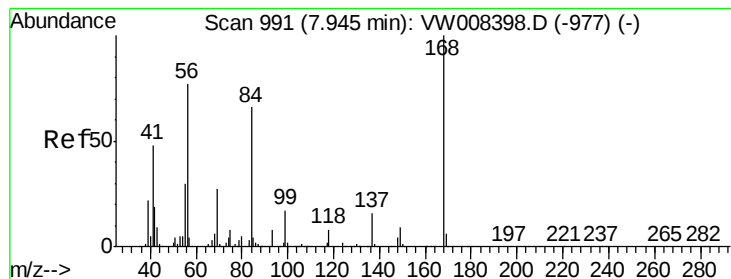
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008600.D

Acq: 11 Feb 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

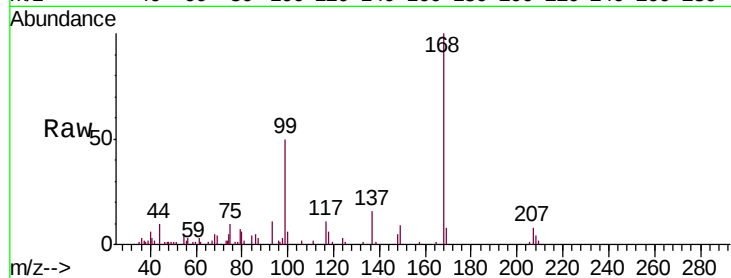
SB-5

Tgt Ion:168 Resp: 19560

Ion Ratio Lower Upper

168 100

99 50.4 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

8000

6000

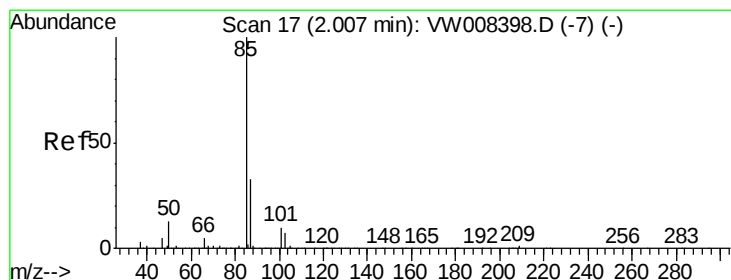
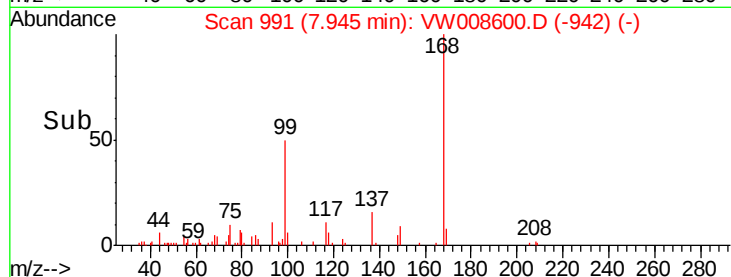
4000

2000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 3.774 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008600.D

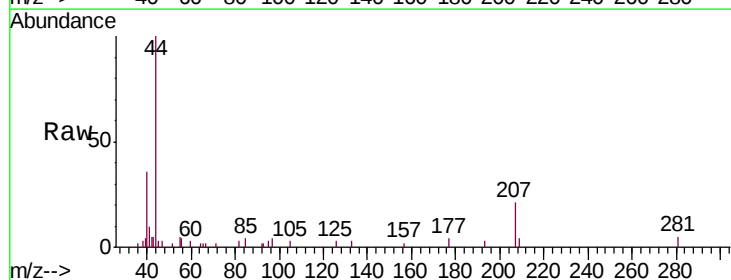
Acq: 11 Feb 2019 16:28

Tgt Ion: 85 Resp: 63

Ion Ratio Lower Upper

85 100

87 0.0 16.7 50.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

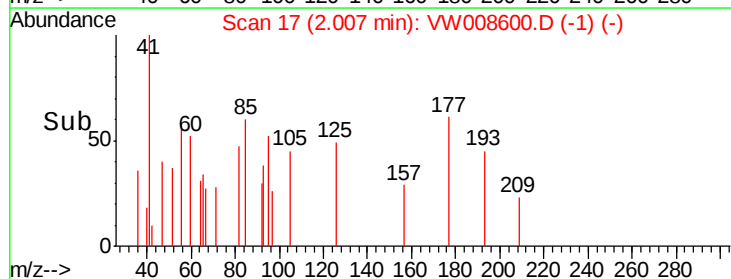
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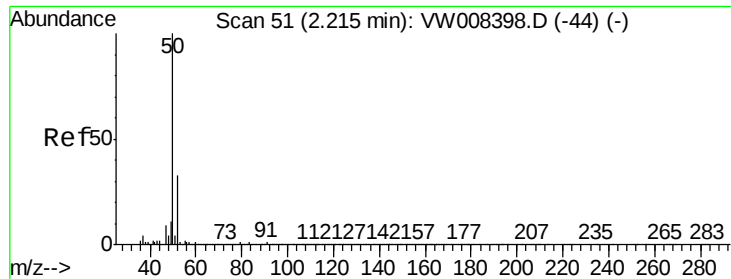
50

0

1.98 2.00 2.02

Time-->





#3

Chloromethane

Concen: 2.048 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008600.D

Acq: 11 Feb 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

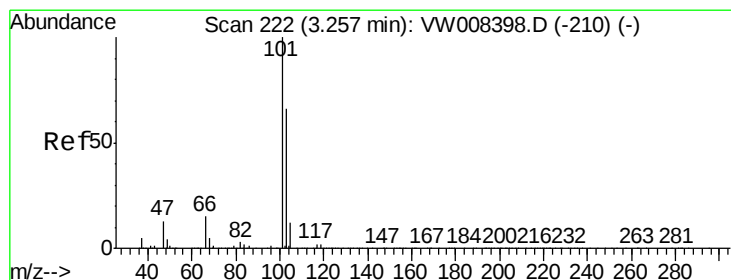
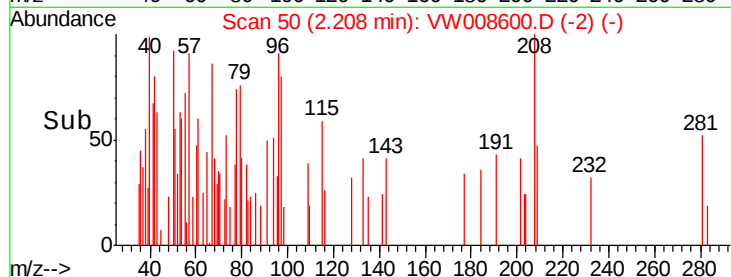
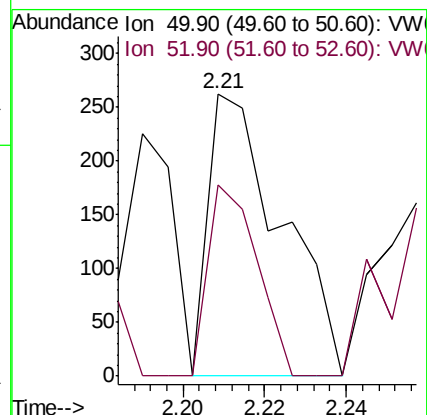
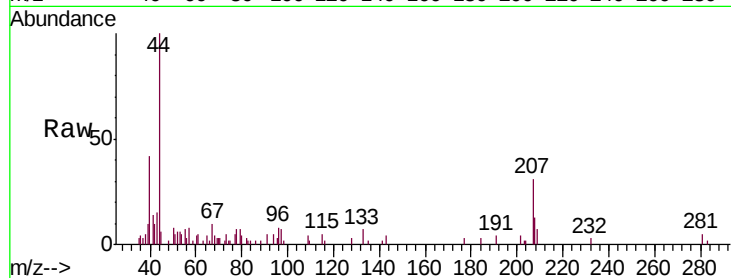
SB-5

Tgt Ion: 50 Resp: 327

Ion Ratio Lower Upper

50 100

52 67.7 26.3 39.5#



#7

Trichlorofluoromethane

Concen: 4.827 ug/l

RT: 3.22 min Scan# 216

Delta R.T. -0.04 min

Lab File: VW008600.D

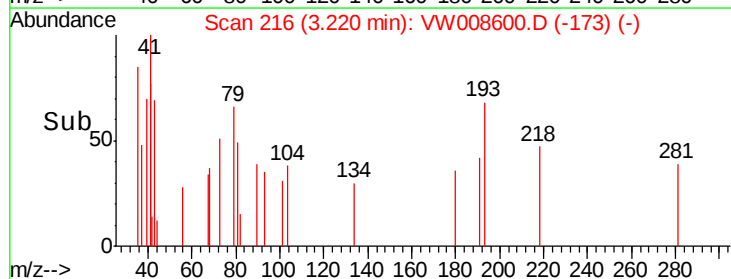
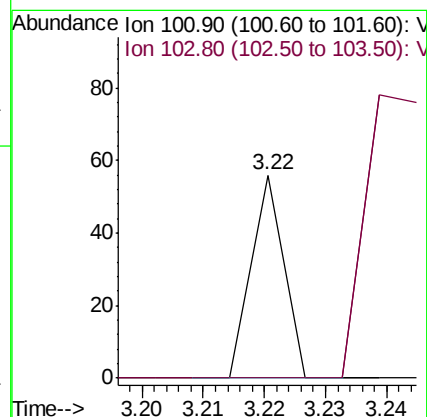
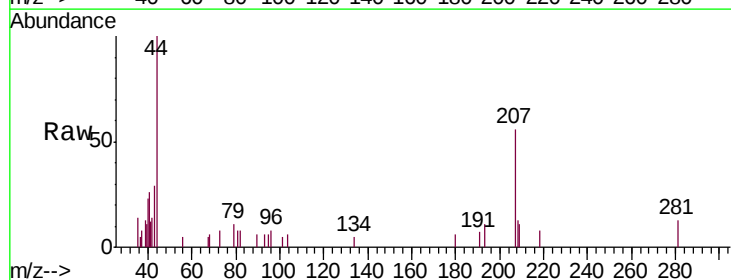
Acq: 11 Feb 2019 16:28

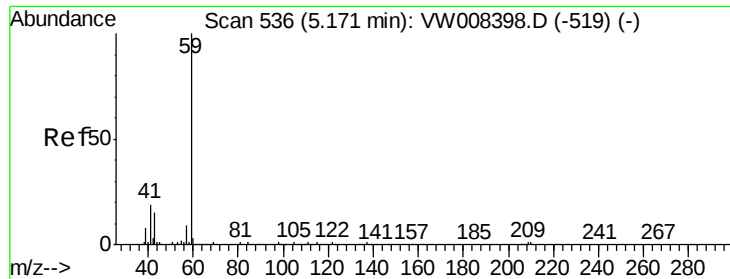
Tgt Ion: 101 Resp: 20

Ion Ratio Lower Upper

101 100

103 0.0 52.5 78.7#

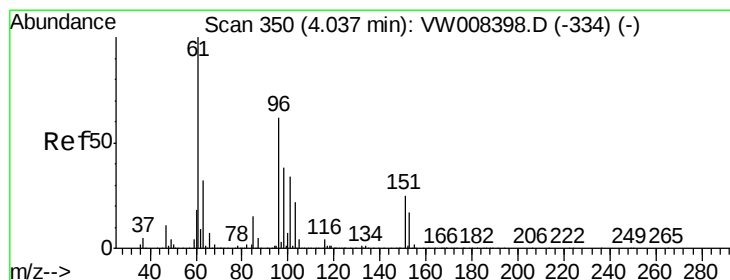
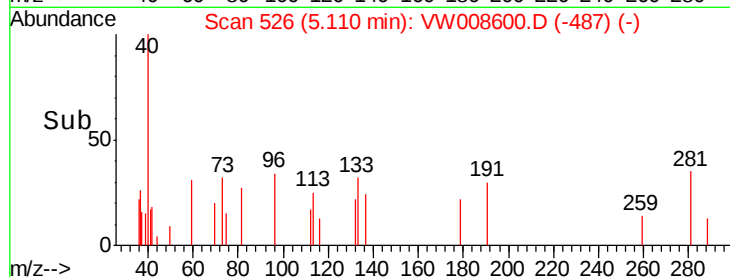
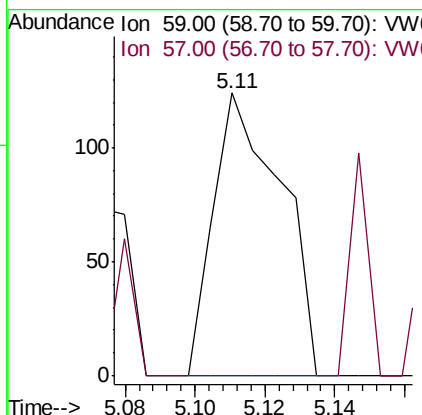
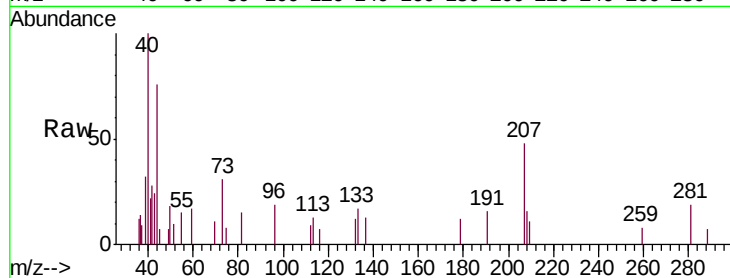




#11
Tert butyl alcohol
Concen: 10.730 ug/l
RT: 5.11 min Scan# 526
Delta R.T. -0.06 min
Lab File: VW008600.D
Acq: 11 Feb 2019 16:28

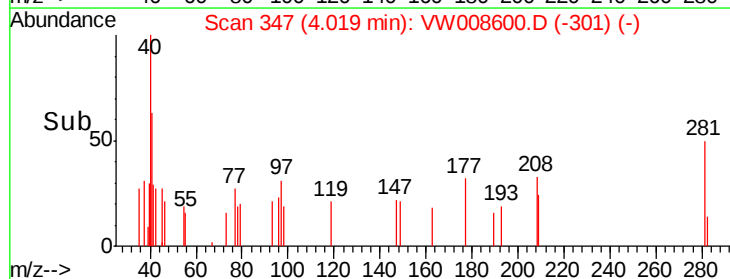
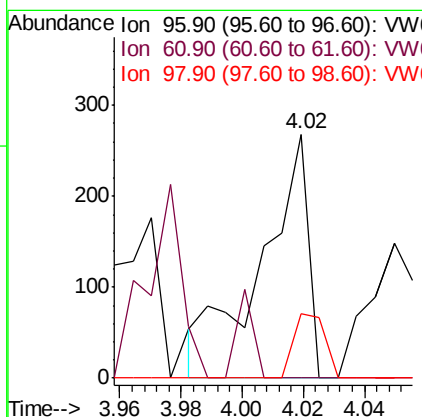
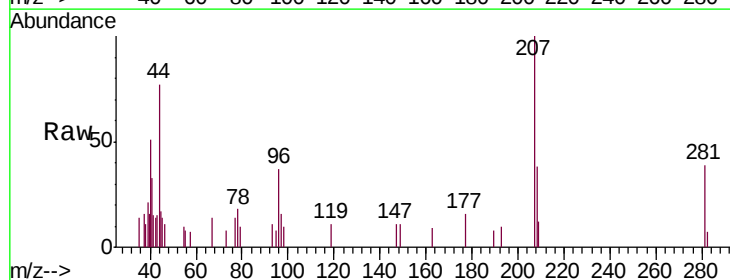
Instrument :
MSVOA_W
ClientSampled :
SB-5

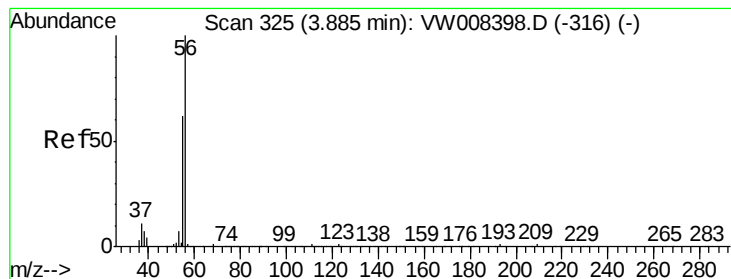
Tgt Ion: 59 Resp: 166
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 1.592 ug/l
RT: 4.02 min Scan# 347
Delta R.T. -0.02 min
Lab File: VW008600.D
Acq: 11 Feb 2019 16:28

Tgt Ion: 96 Resp: 285
Ion Ratio Lower Upper
96 100
61 0.0 129.5 194.3#
98 26.5 48.6 73.0#





#13

Acrolein

Concen: 19.097 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW008600.D

Acq: 11 Feb 2019 16:28

Instrument :

MSVOA_W

ClientSampled :

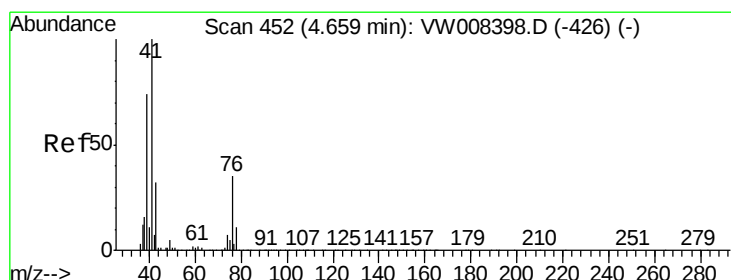
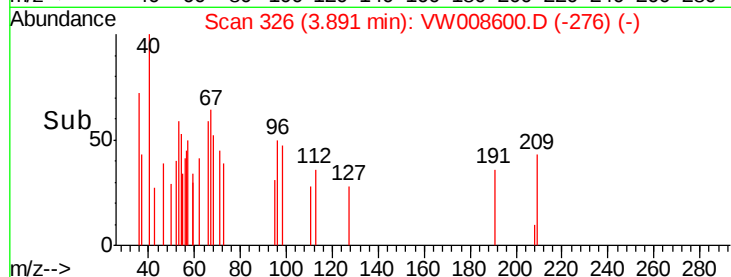
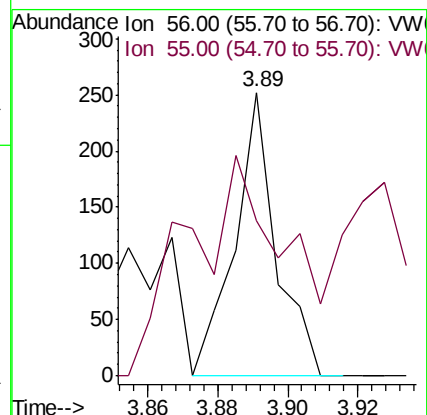
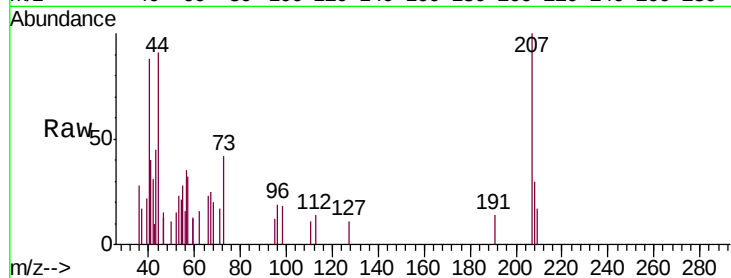
SB-5

Tgt Ion: 56 Resp: 207

Ion Ratio Lower Upper

56 100

55 183.6 56.7 85.1#



#14

Allyl chloride

Concen: 1.285 ug/l

RT: 4.65 min Scan# 450

Delta R.T. -0.01 min

Lab File: VW008600.D

Acq: 11 Feb 2019 16:28

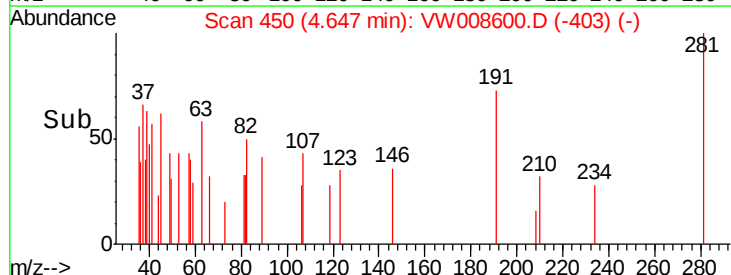
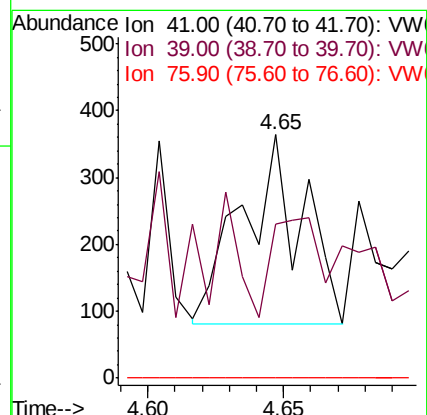
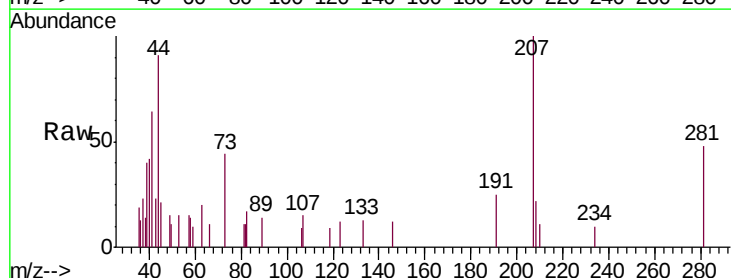
Tgt Ion: 41 Resp: 437

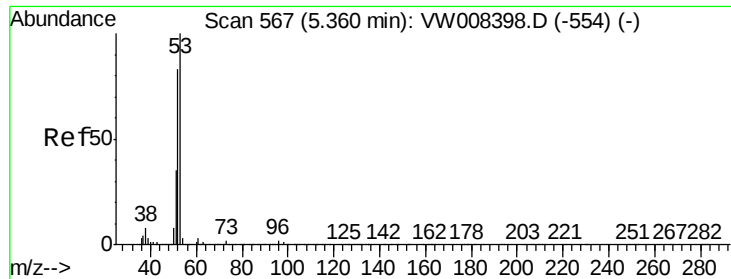
Ion Ratio Lower Upper

41 100

39 40.7 57.7 86.5#

76 0.0 26.9 40.3#





#15

Acrylonitrile

Concen: 2.730 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.02 min

Lab File: VW008600.D

Acq: 11 Feb 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

SB-5

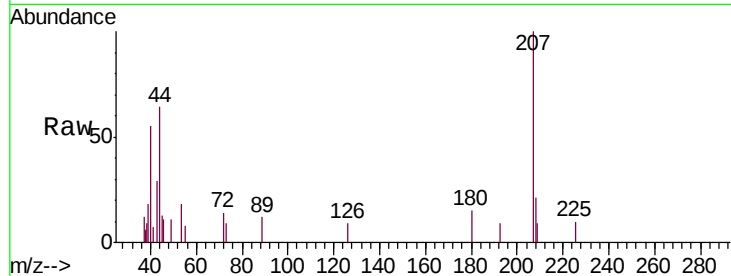
Tgt Ion: 53 Resp: 115

Ion Ratio Lower Upper

53 100

52 0.0 67.0 100.4#

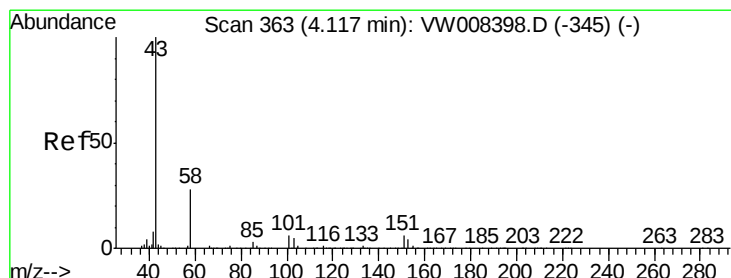
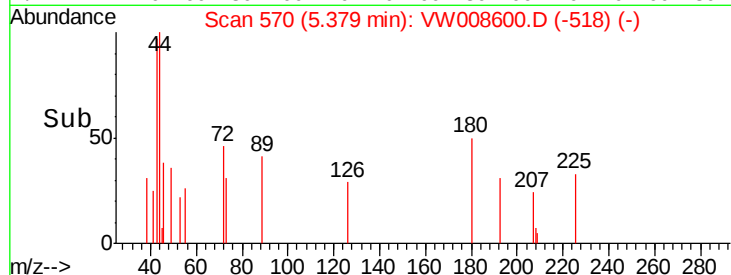
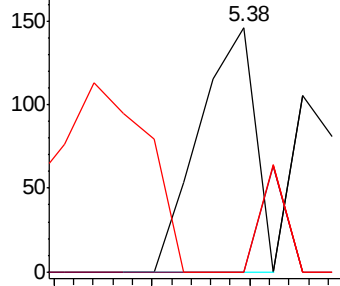
51 0.0 29.8 44.8#



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 100.899 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008600.D

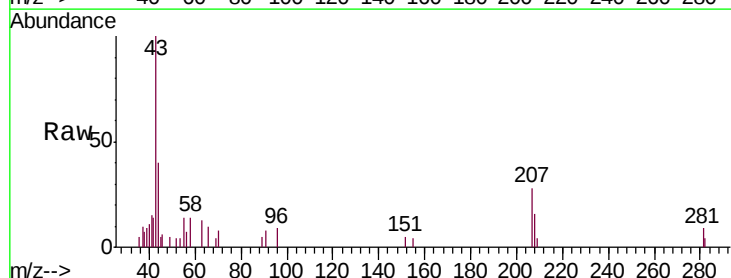
Acq: 11 Feb 2019 16:28

Tgt Ion: 43 Resp: 4354

Ion Ratio Lower Upper

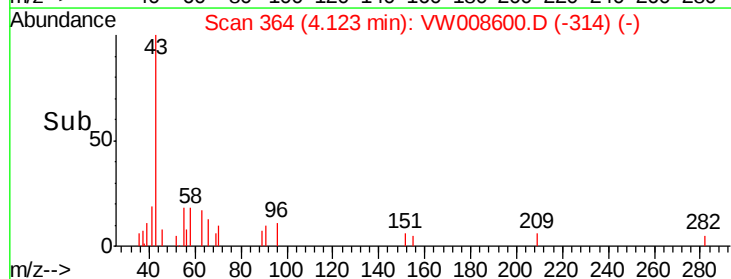
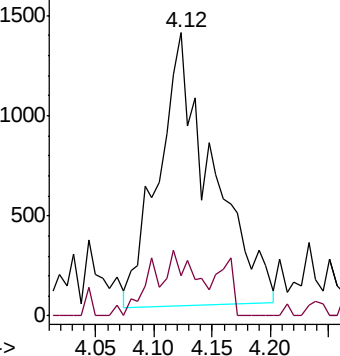
43 100

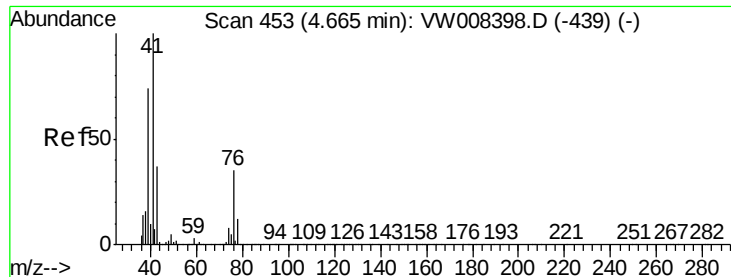
58 15.6 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

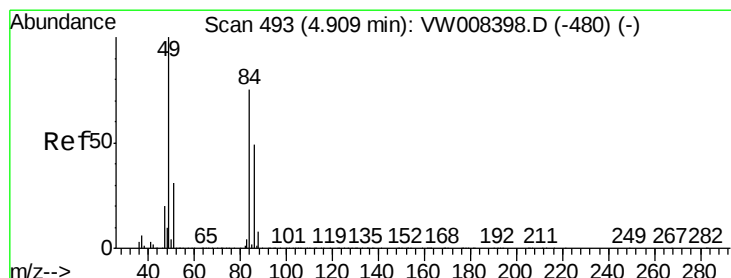
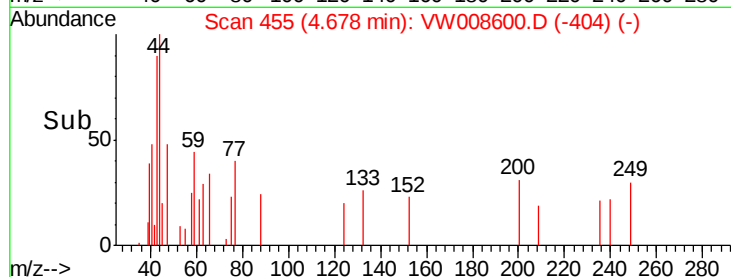
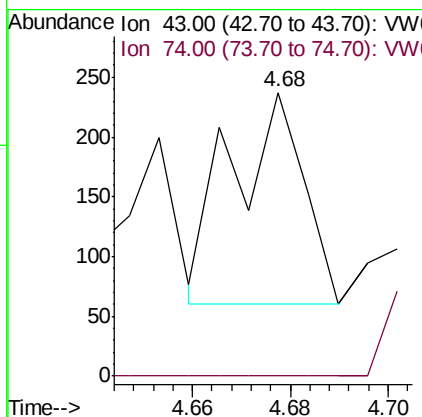
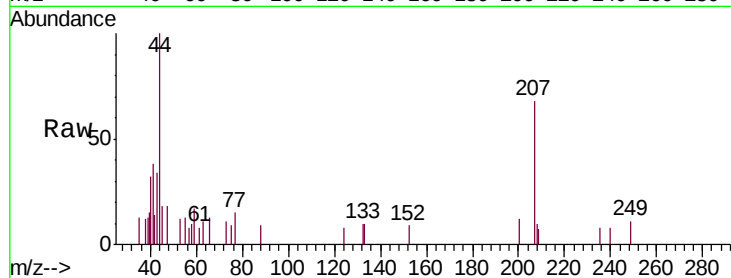




#18
Methyl Acetate
Concen: 1.573 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW008600.D
Acq: 11 Feb 2019 16:28

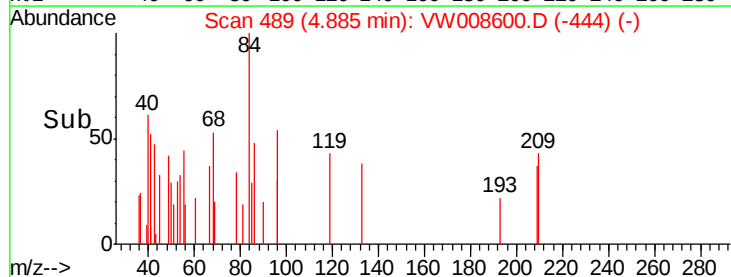
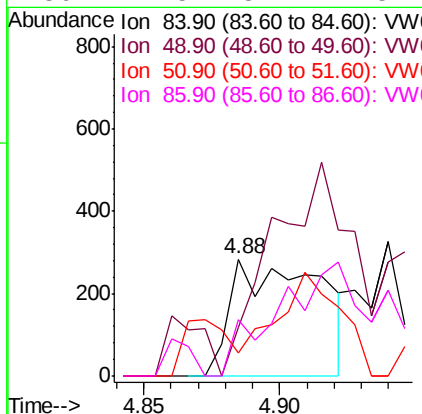
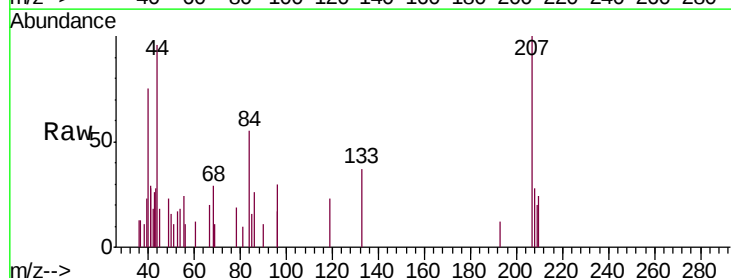
Instrument :
MSVOA_W
ClientSampled :
SB-5

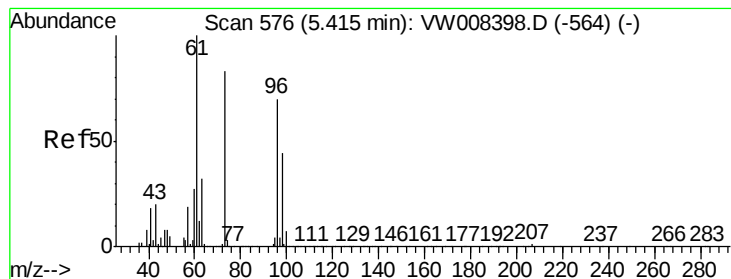
Tgt Ion: 43 Resp: 181
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: 3.193 ug/l
RT: 4.88 min Scan# 489
Delta R.T. -0.02 min
Lab File: VW008600.D
Acq: 11 Feb 2019 16:28

Tgt Ion: 84 Resp: 635
Ion Ratio Lower Upper
84 100
49 2.1 106.8 160.2#
51 0.0 32.9 49.3#
86 22.5 52.2 78.2#





#21

trans-1,2-Dichloroethene

Concen: 1.088 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW008600.D

Acq: 11 Feb 2019 16:28

Instrument :

MSVOA_W

ClientSampled :

SB-5

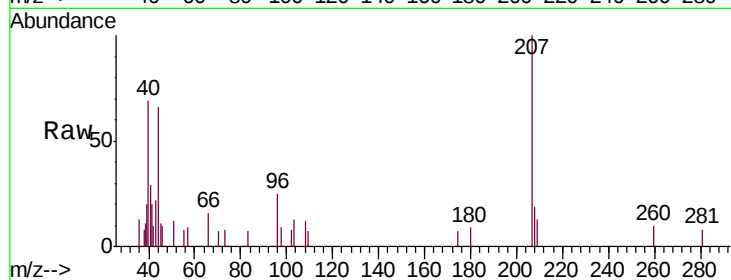
Tgt Ion: 96 Resp: 219

Ion Ratio Lower Upper

96 100

61 0.0 114.4 171.6#

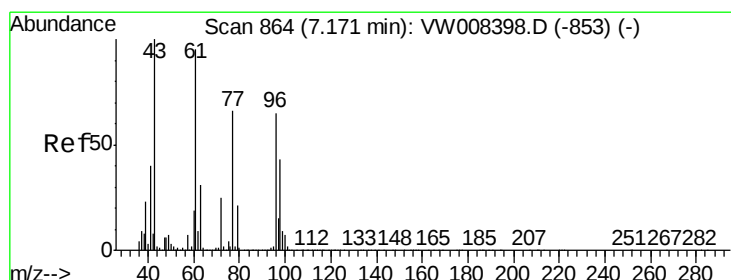
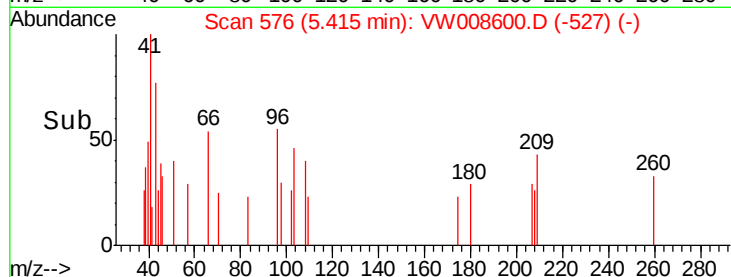
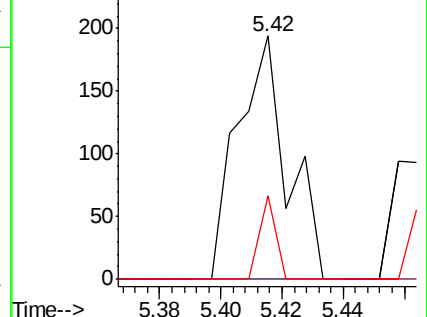
98 34.5 50.6 75.8#



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#25

2-Butanone

Concen: 8.409 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW008600.D

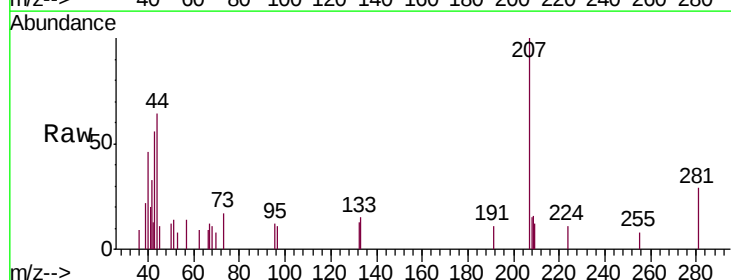
Acq: 11 Feb 2019 16:28

Tgt Ion: 43 Resp: 504

Ion Ratio Lower Upper

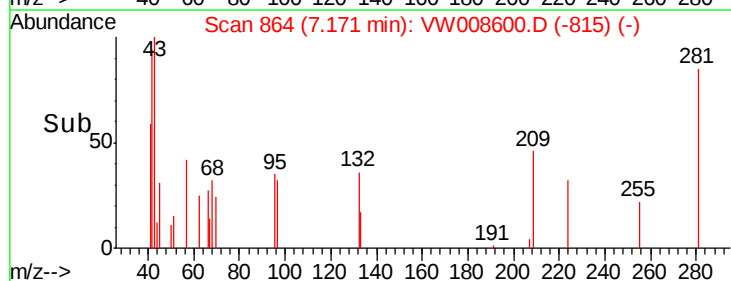
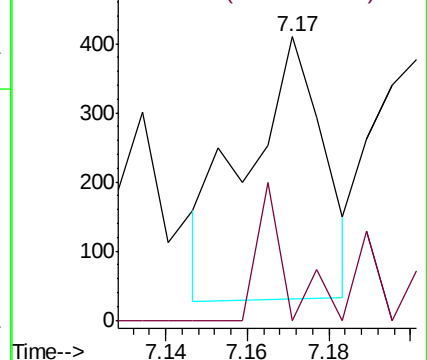
43 100

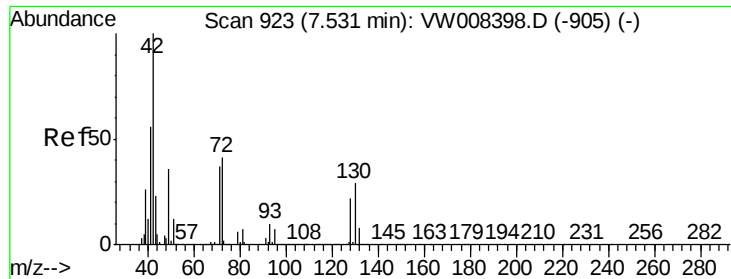
72 0.0 20.1 30.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

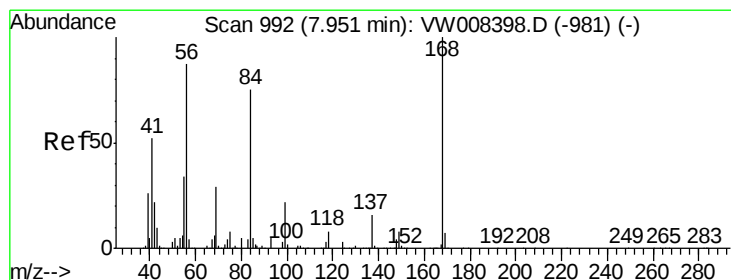
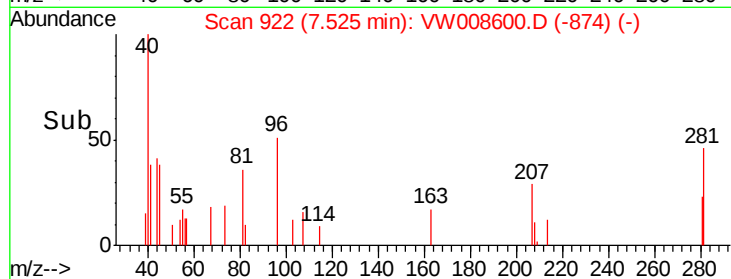
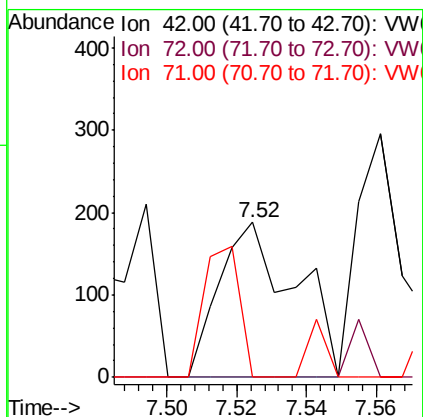
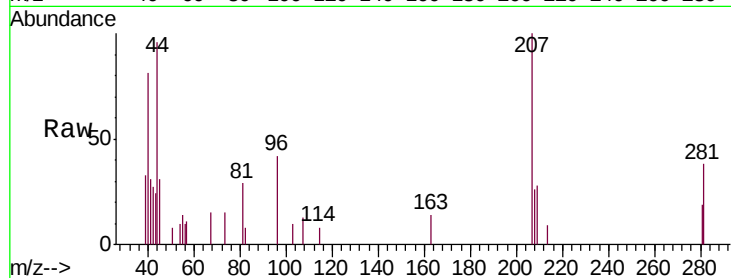




#29
Tetrahydrofuran
Concen: 7.477 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008600.D
Acq: 11 Feb 2019 16:28

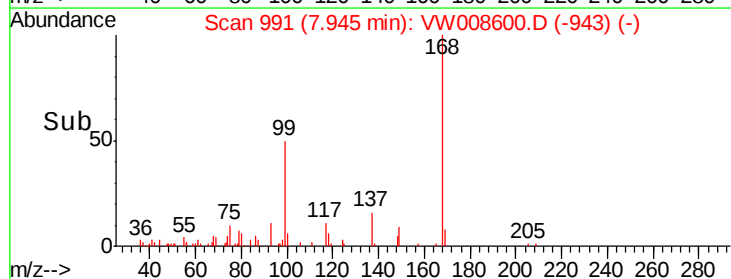
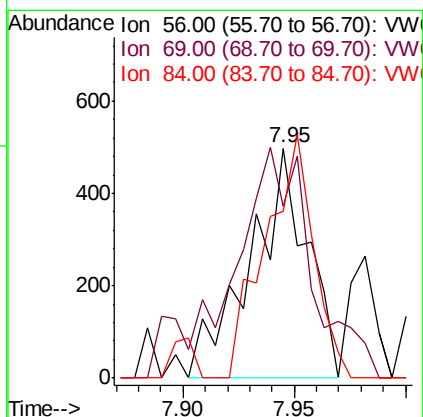
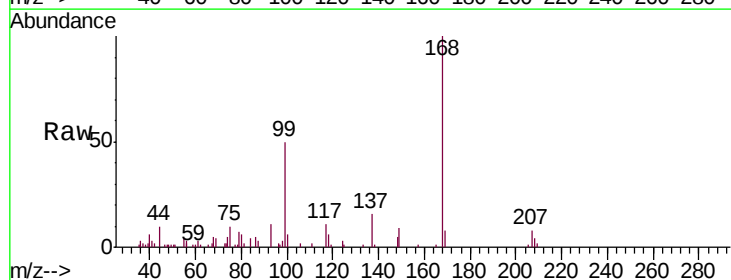
Instrument :
MSVOA_W
ClientSampled :
SB-5

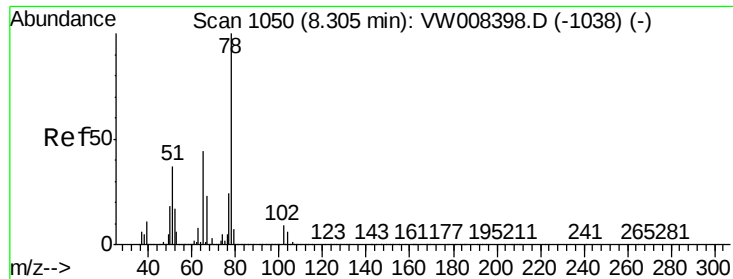
Tgt Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.9	47.9#
71	39.4	29.9	44.9



#31
Cyclohexane
Concen: 2.352 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008600.D
Acq: 11 Feb 2019 16:28

Tgt Ion	Ratio	Lower	Upper
56	100		
69	62.7	26.4	39.6#
84	61.0	69.1	103.7#

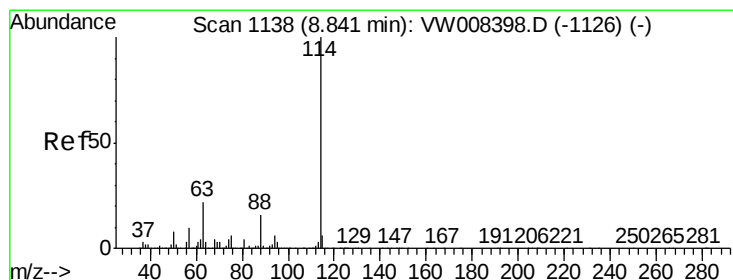
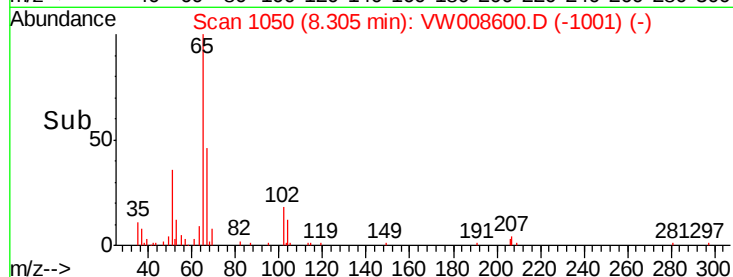
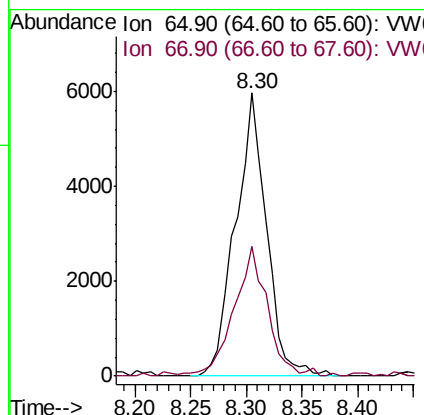
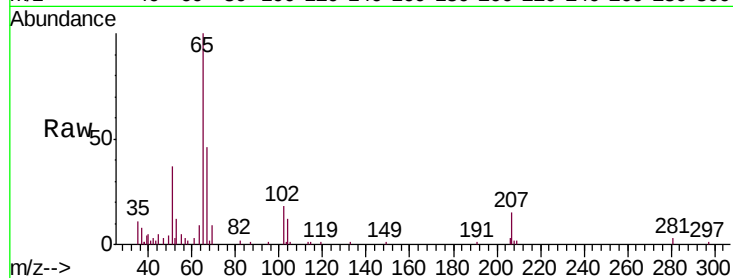




#33
 1,2-Dichloroethane-d4
 Concen: 60.263 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008600.D
 Acq: 11 Feb 2019 16:28

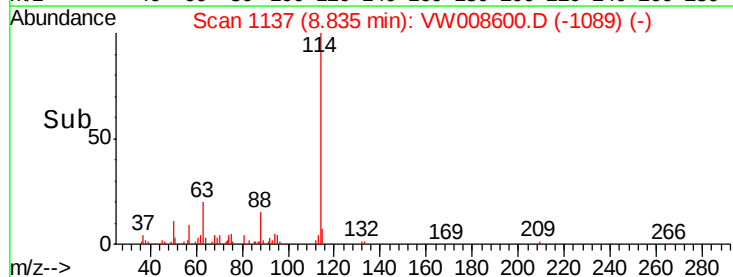
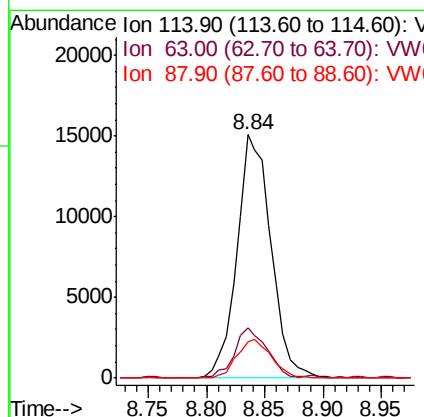
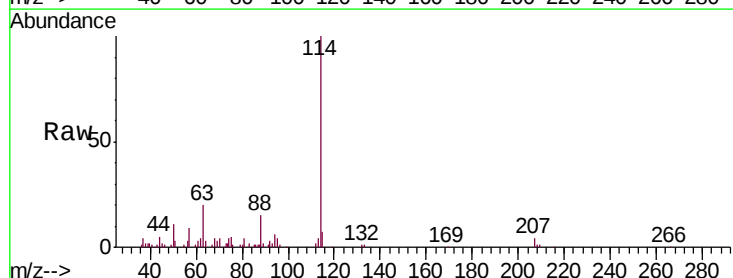
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5

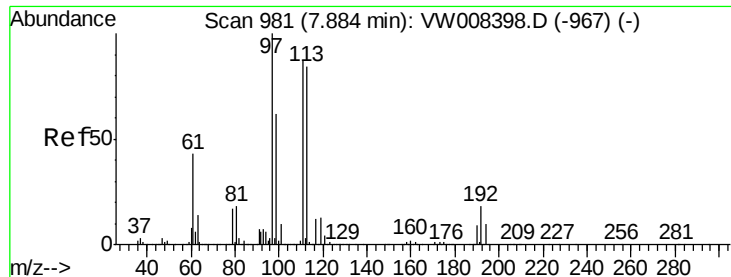
Tgt Ion: 65 Resp: 11580
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW008600.D
 Acq: 11 Feb 2019 16:28

Tgt Ion: 114 Resp: 30675
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.6
 88 14.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 55.088 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008600.D

Acq: 11 Feb 2019 16:28

Instrument :

MSVOA_W

ClientSampled :

SB-5

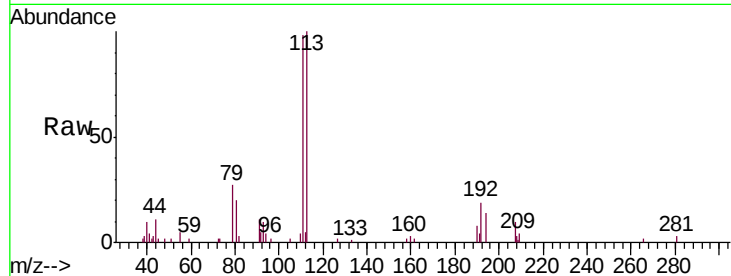
Tgt Ion:113 Resp: 9881

Ion Ratio Lower Upper

113 100

111 102.0 81.0 121.4

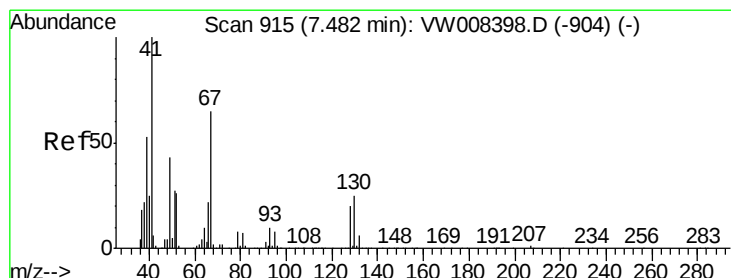
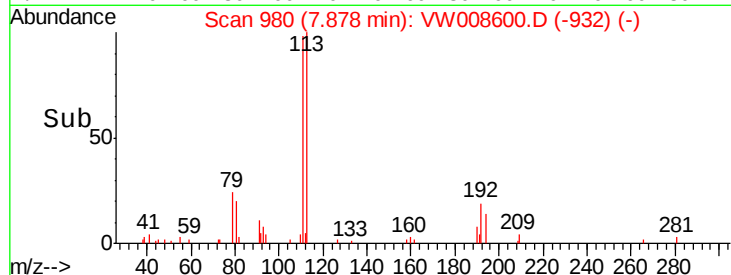
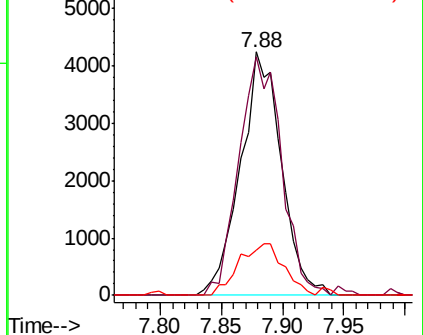
192 23.3 16.8 25.2



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



#41

Methacrylonitrile

Concen: 3.623 ug/l

RT: 7.47 min Scan# 913

Delta R.T. -0.01 min

Lab File: VW008600.D

Acq: 11 Feb 2019 16:28

Tgt Ion: 41 Resp: 275

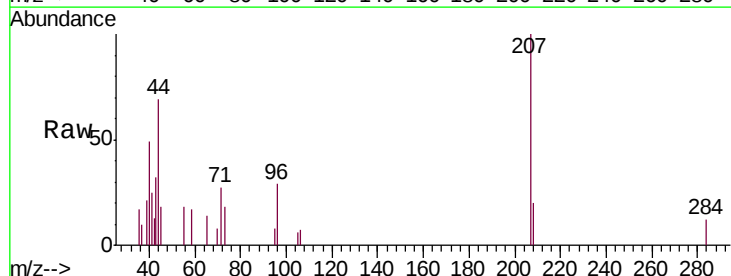
Ion Ratio Lower Upper

41 100

39 0.0 43.4 65.0#

67 0.0 54.2 81.2#

52 0.0 22.9 34.3#

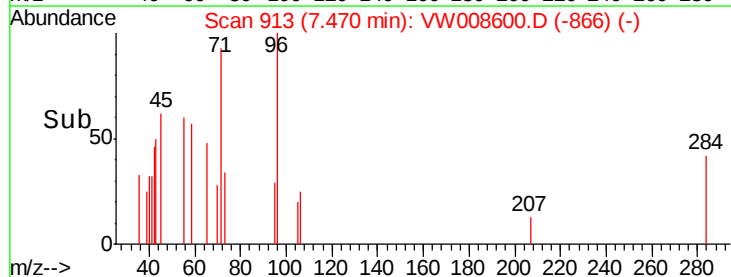
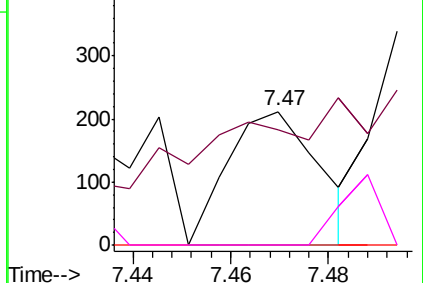


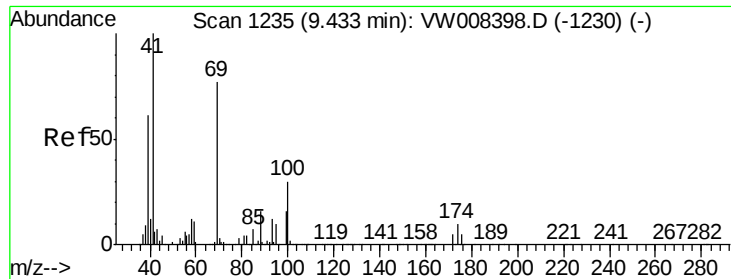
Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW

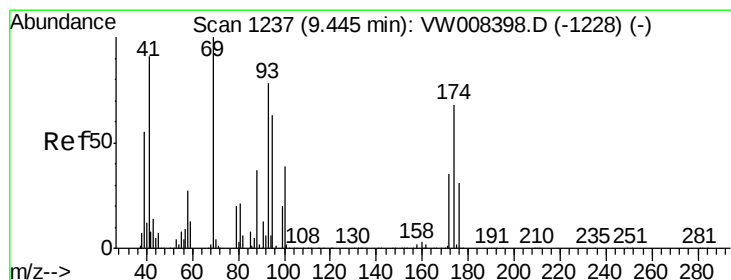
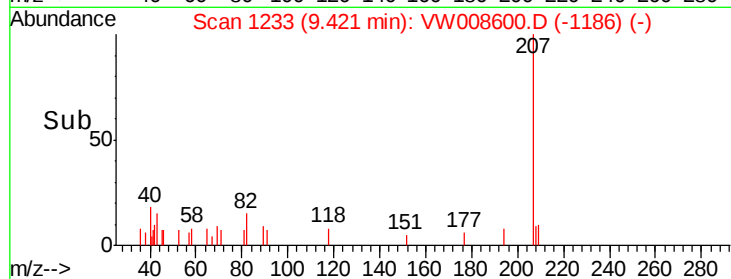
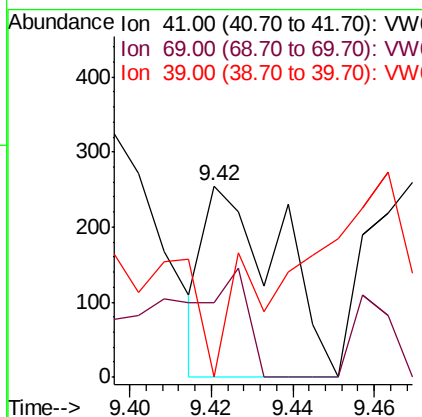
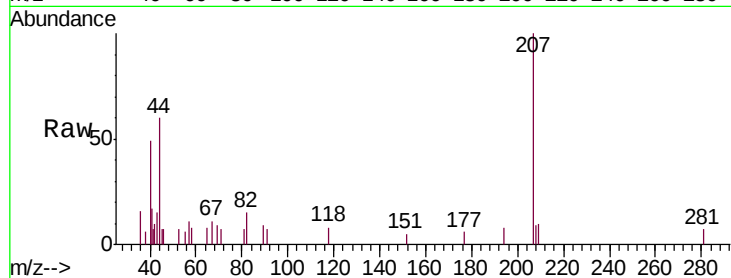




#48
Methyl methacrylate
Concen: 2.526 ug/l
RT: 9.42 min Scan# 1233
Delta R.T. -0.01 min
Lab File: VW008600.D
Acq: 11 Feb 2019 16:28

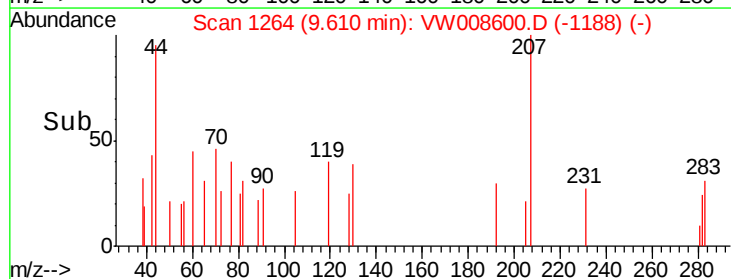
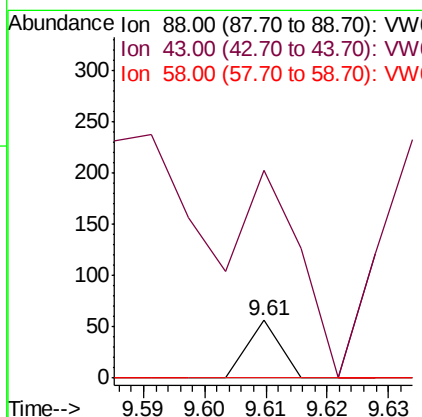
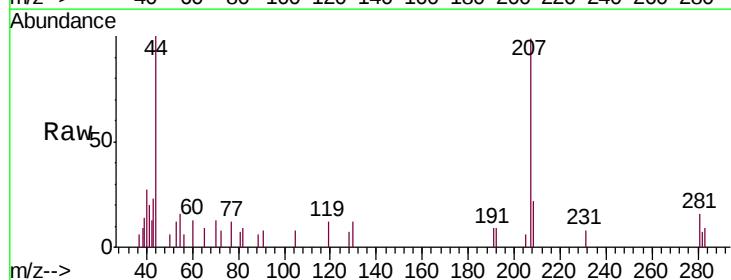
Instrument :
MSVOA_W
ClientSampled :
SB-5

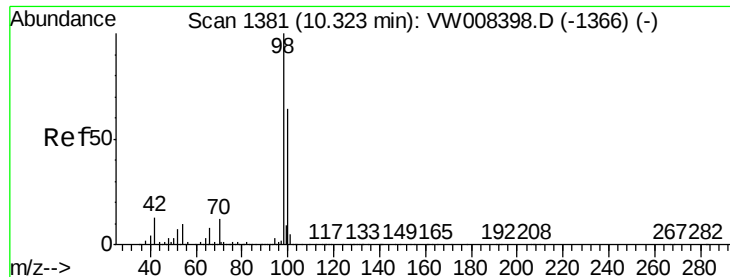
Tgt Ion: 41 Resp: 329
Ion Ratio Lower Upper
41 100
69 74.5 64.8 97.2
39 0.0 49.1 73.7#



#49
1,4-Dioxane
Concen: 11.475 ug/l
RT: 9.61 min Scan# 1264
Delta R.T. 0.16 min
Lab File: VW008600.D
Acq: 11 Feb 2019 16:28

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 29.0 43.4#
58 0.0 56.4 84.6#





#50

Toluene-d8

Concen: 50.362 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008600.D

Acq: 11 Feb 2019 16:28

Instrument :

MSVOA_W

ClientSampled :

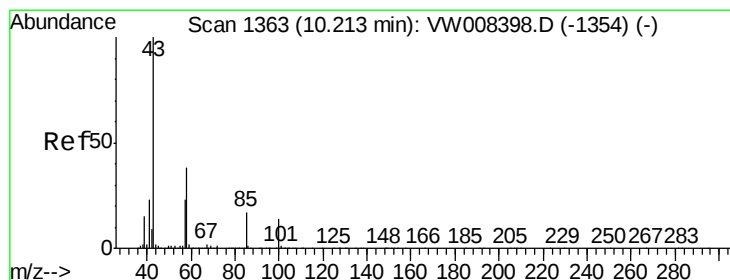
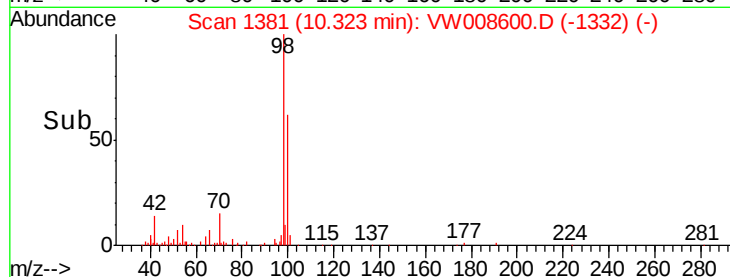
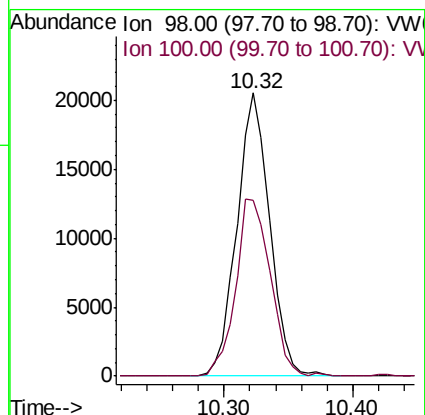
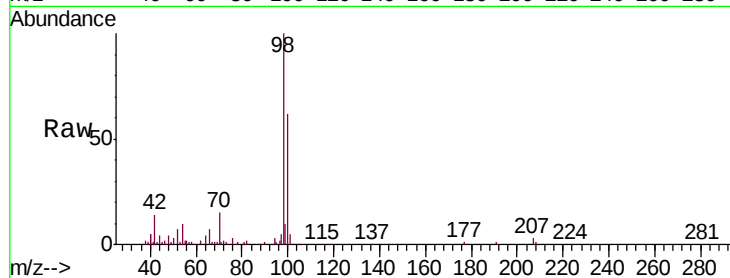
SB-5

Tgt Ion: 98 Resp: 36224

Ion Ratio Lower Upper

98 100

100 66.2 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 4.659 ug/l

RT: 10.20 min Scan# 1361

Delta R.T. -0.01 min

Lab File: VW008600.D

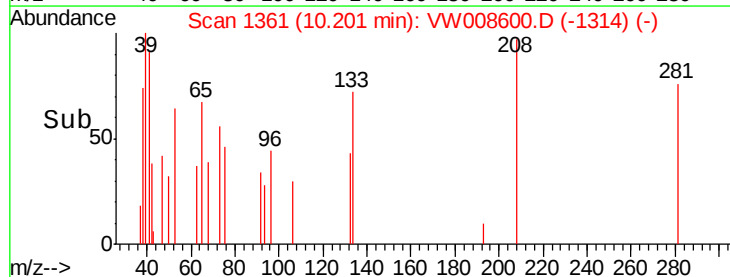
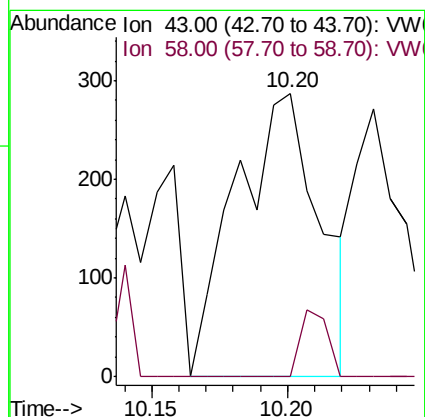
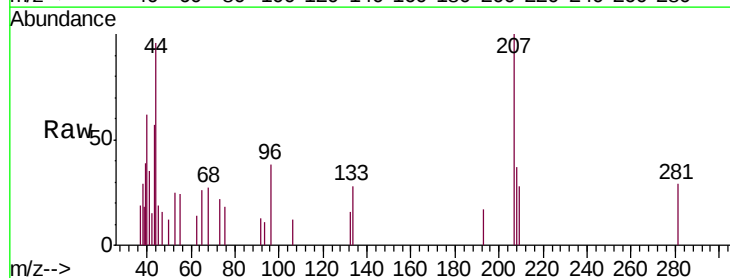
Acq: 11 Feb 2019 16:28

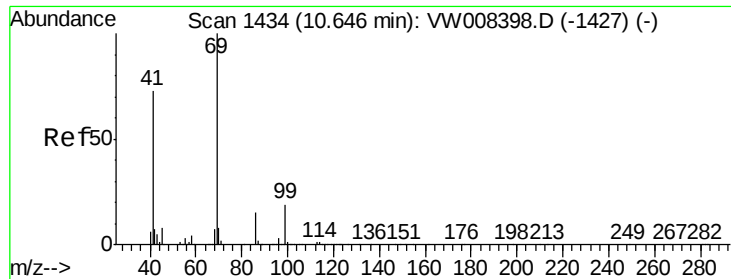
Tgt Ion: 43 Resp: 613

Ion Ratio Lower Upper

43 100

58 7.5 29.7 44.5#





#56

Ethyl methacrylate

Concen: 1.272 ug/l

RT: 10.67 min Scan# 1438

Delta R.T. 0.02 min

Lab File: VW008600.D

Acq: 11 Feb 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

SB-5

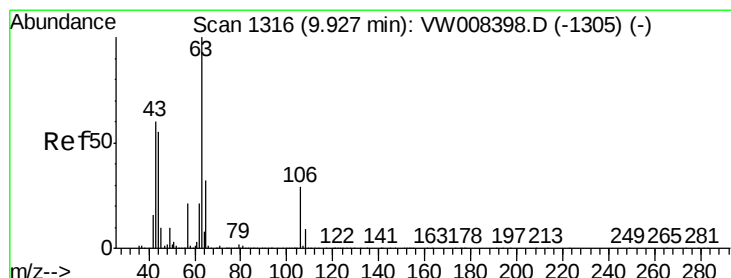
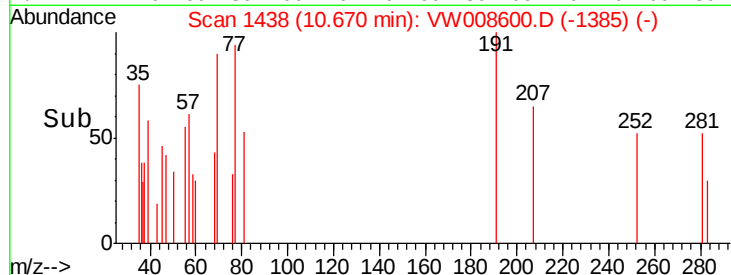
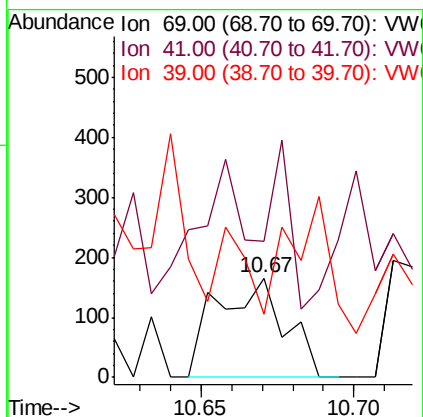
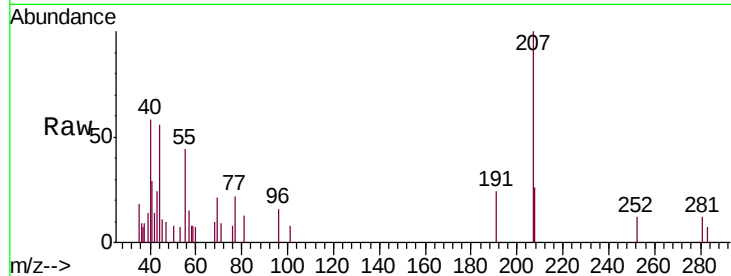
Tgt Ion: 69 Resp: 255

Ion Ratio Lower Upper

69 100

41 92.9 58.7 88.1#

39 0.0 32.6 48.8#



#58

2-Chloroethyl Vinyl ether

Concen: 1.633 ug/l

RT: 10.12 min Scan# 1347

Delta R.T. 0.19 min

Lab File: VW008600.D

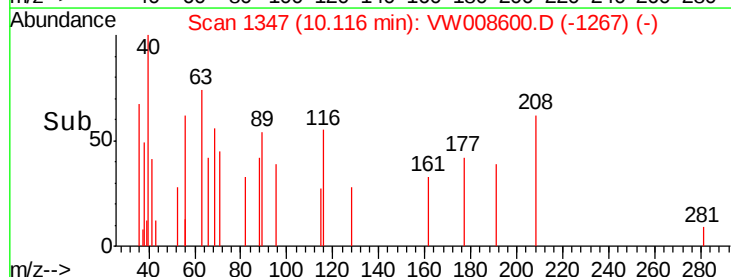
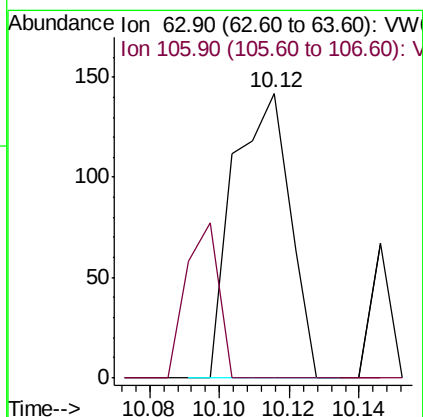
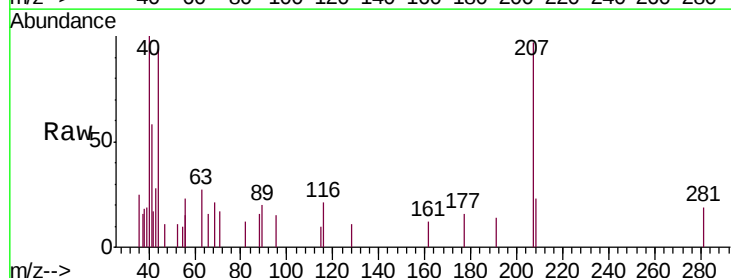
Acq: 11 Feb 2019 16:28

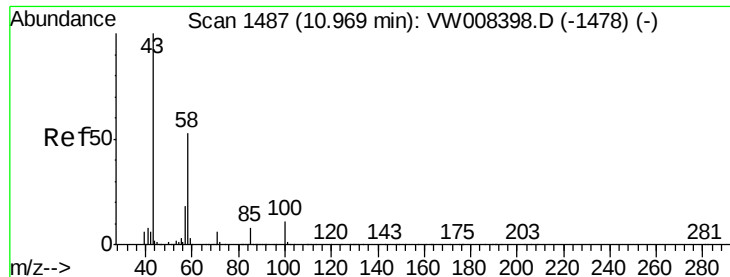
Tgt Ion: 63 Resp: 159

Ion Ratio Lower Upper

63 100

106 30.8 22.4 33.6

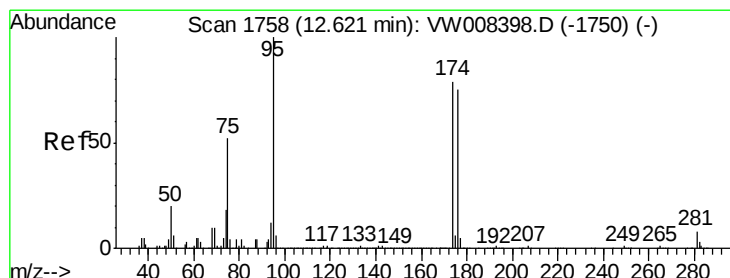
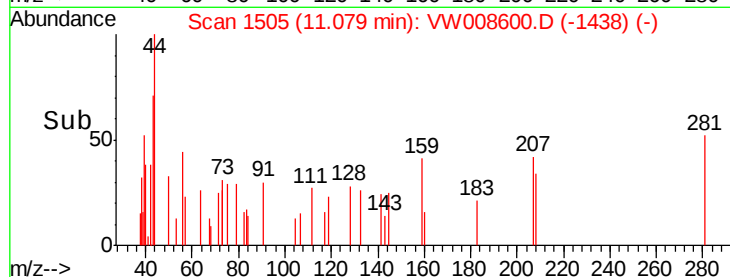
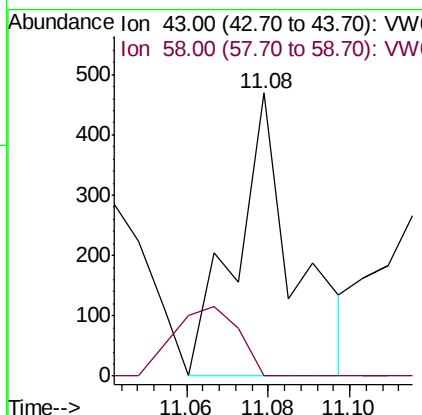
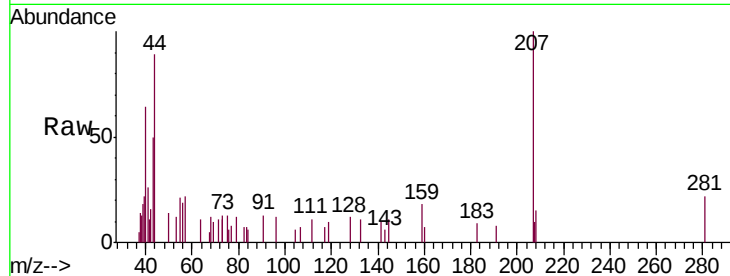




#59
2-Hexanone
Concen: 5.038 ug/l
RT: 11.08 min Scan# 1505
Delta R.T. 0.11 min
Lab File: VW008600.D
Acq: 11 Feb 2019 16:28

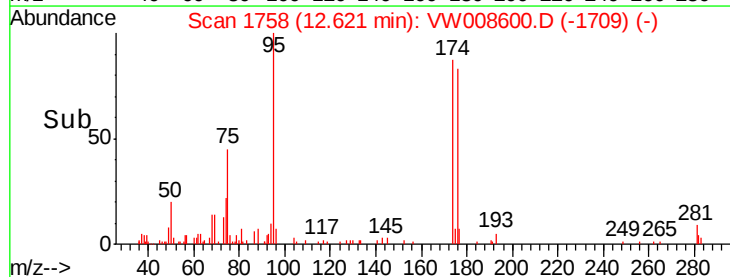
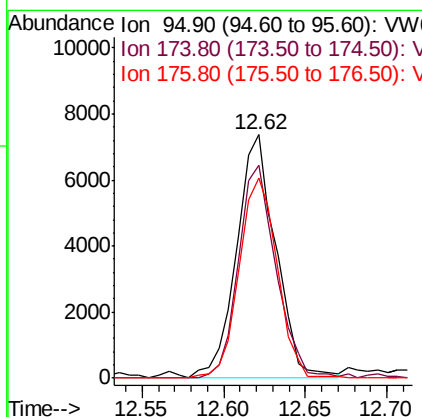
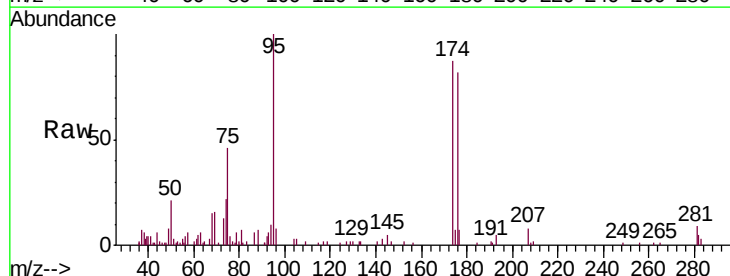
Instrument :
MSVOA_W
ClientSampled :
SB-5

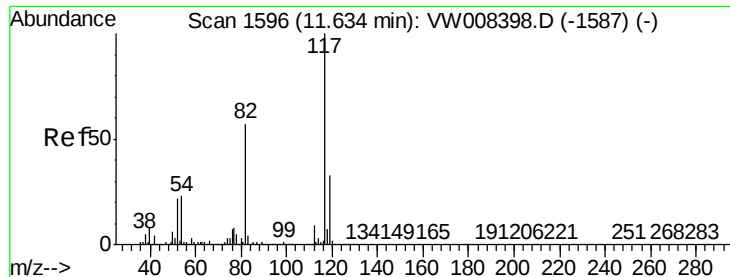
Tgt Ion: 43 Resp: 468
Ion Ratio Lower Upper
43 100
58 27.1 25.9 77.7



#62
4-Bromofluorobenzene
Concen: 44.597 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008600.D
Acq: 11 Feb 2019 16:28

Tgt Ion: 95 Resp: 12330
Ion Ratio Lower Upper
95 100
174 84.3 0.0 157.6
176 79.7 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW008600.D

Acq: 11 Feb 2019 16:28

Instrument :

MSVOA_W

ClientSampled :

SB-5

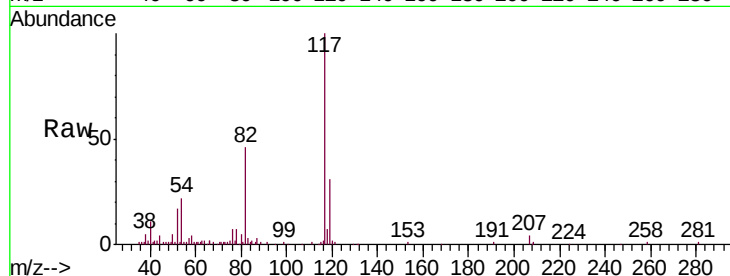
Tgt Ion:117 Resp: 28733

Ion Ratio Lower Upper

117 100

82 46.1 45.4 68.0

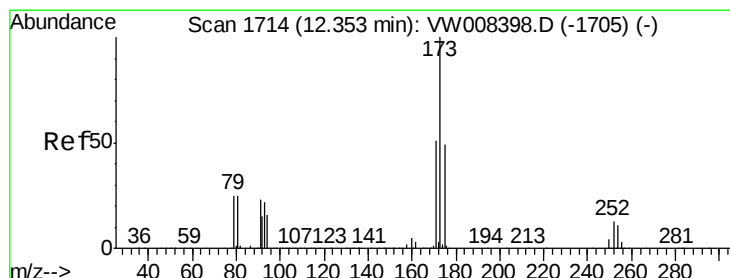
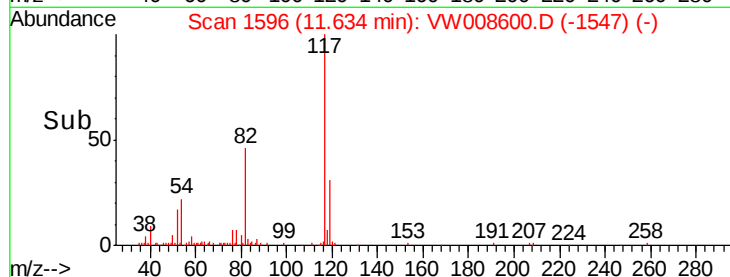
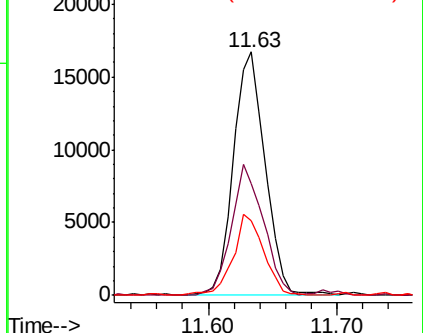
119 30.1 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#71

Bromoform

Concen: 1.745 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008600.D

Acq: 11 Feb 2019 16:28

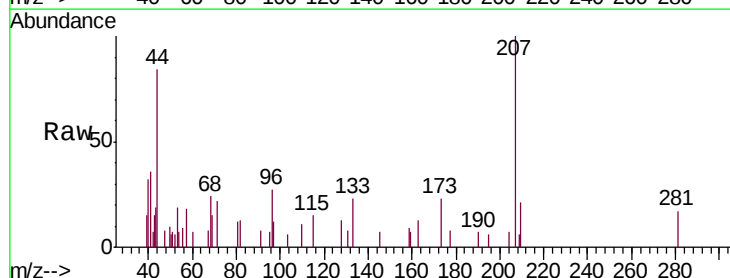
Tgt Ion:173 Resp: 206

Ion Ratio Lower Upper

173 100

175 12.6 24.4 73.4#

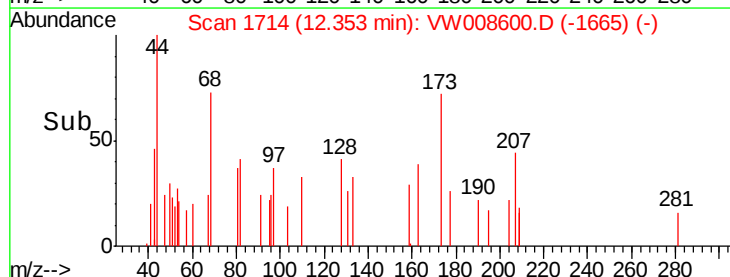
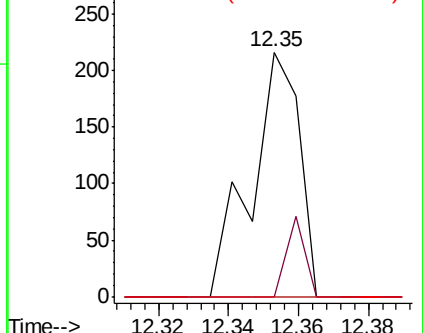
254 0.0 0.2 0.2#

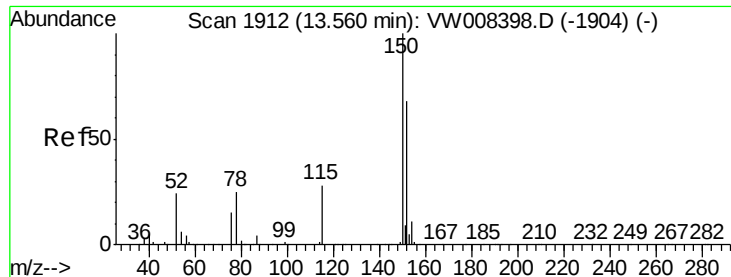


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



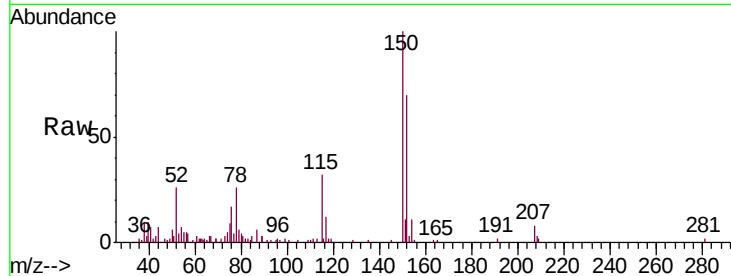


#72

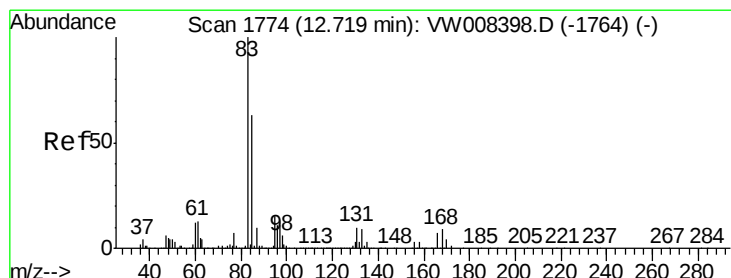
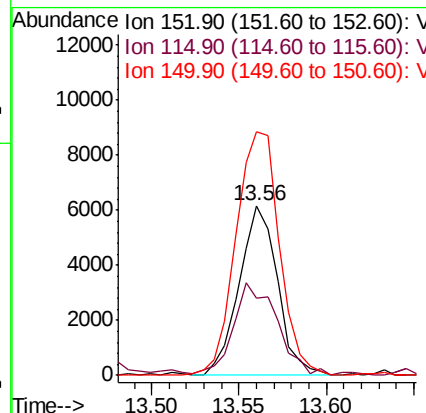
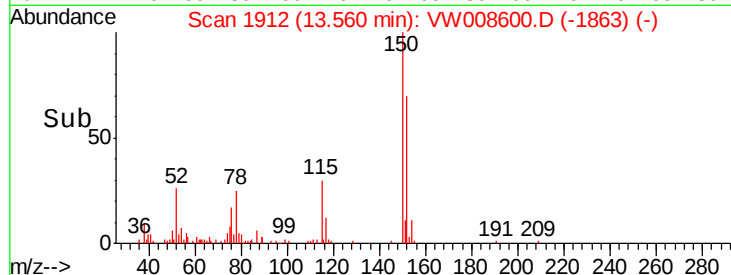
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008600.D
Acq: 11 Feb 2019 16:28

Instrument :
MSVOA_W
ClientSampleId :
SB-5

Tgt Ion: 152 Resp: 9415
Ion Ratio Lower Upper
152 100
115 59.2 29.9 89.7
150 162.4 0.0 351.4



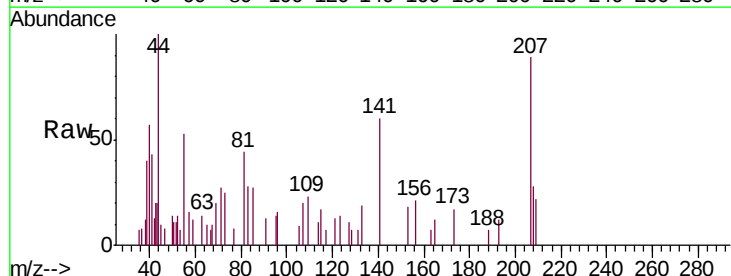
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



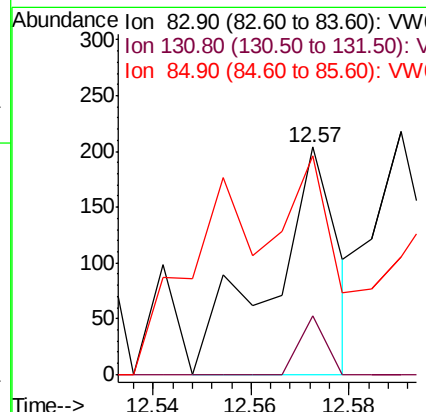
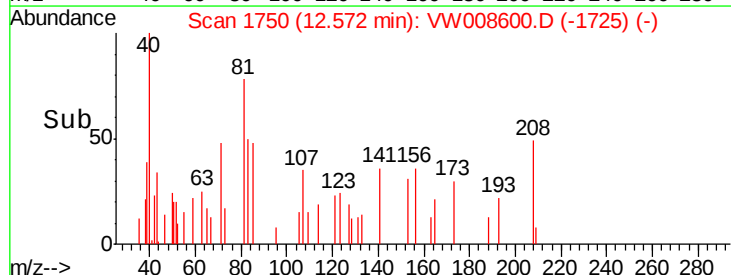
#75

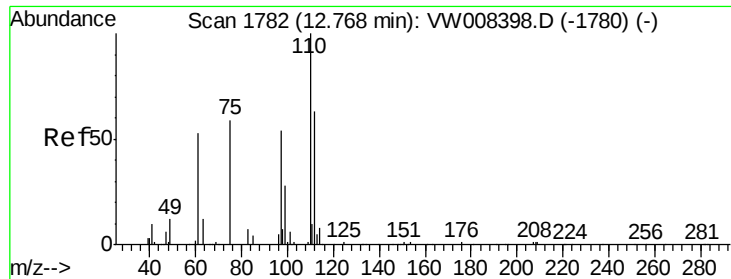
1,1,2,2-Tetrachloroethane
Concen: 1.746 ug/l
RT: 12.57 min Scan# 1750
Delta R.T. -0.15 min
Lab File: VW008600.D
Acq: 11 Feb 2019 16:28

Tgt Ion: 83 Resp: 194
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.4
85 86.1 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 76.646 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW008600.D

Acq: 11 Feb 2019 16:28

Instrument :

MSVOA_W

ClientSampled :

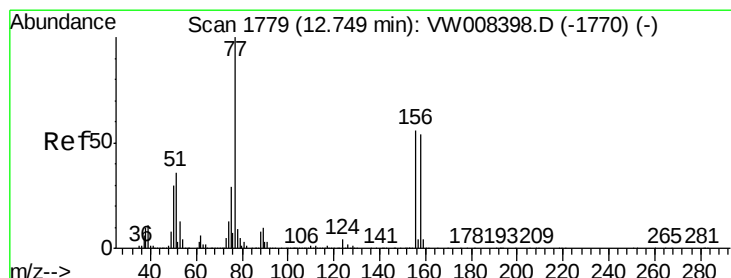
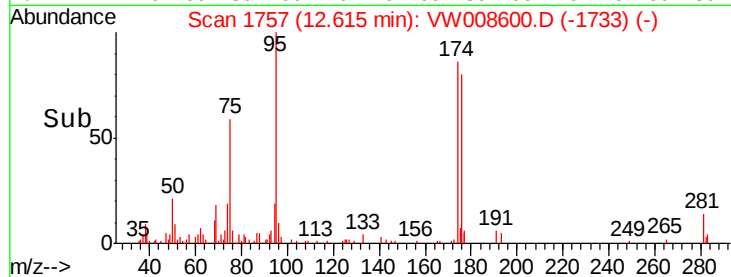
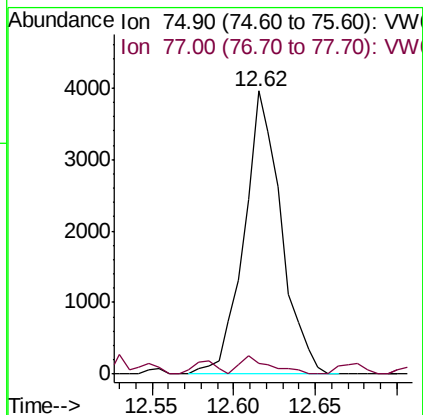
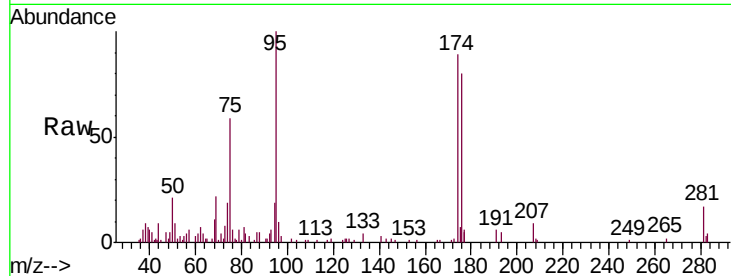
SB-5

Tgt Ion: 75 Resp: 6274

Ion Ratio Lower Upper

75 100

77 5.1 180.7 542.1#



#77

Bromobenzene

Concen: 1.461 ug/l

RT: 12.84 min Scan# 1794

Delta R.T. 0.09 min

Lab File: VW008600.D

Acq: 11 Feb 2019 16:28

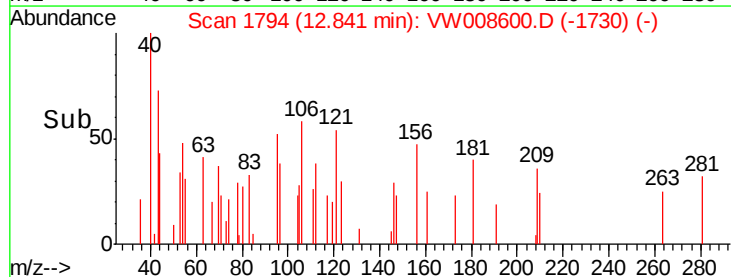
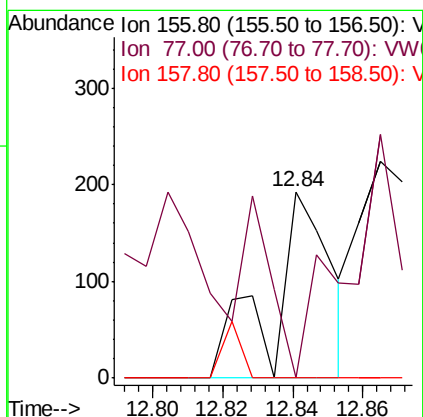
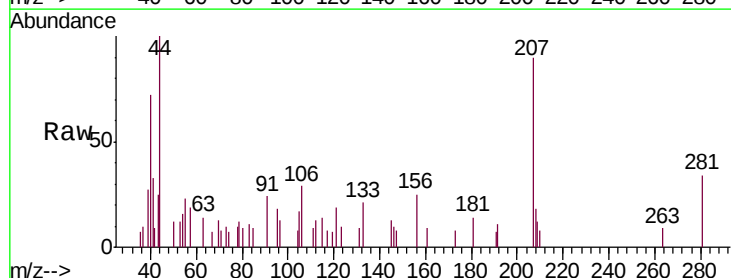
Tgt Ion: 156 Resp: 224

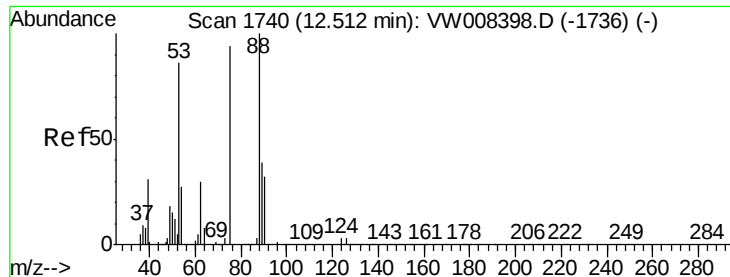
Ion Ratio Lower Upper

156 100

77 45.5 96.9 290.7#

158 9.8 48.8 146.4#

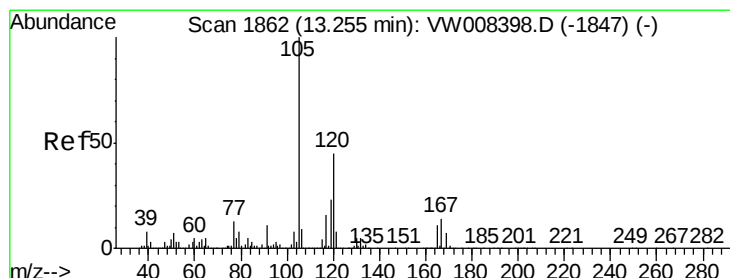
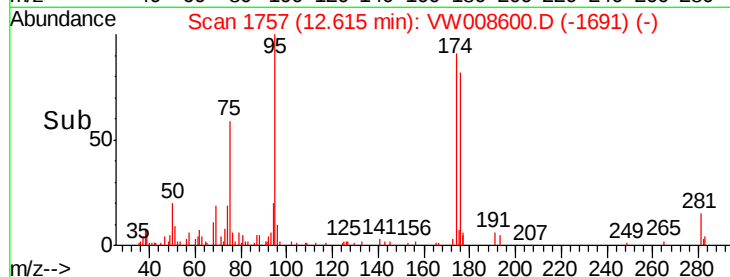
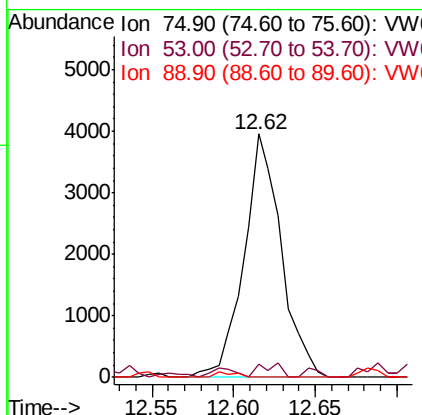
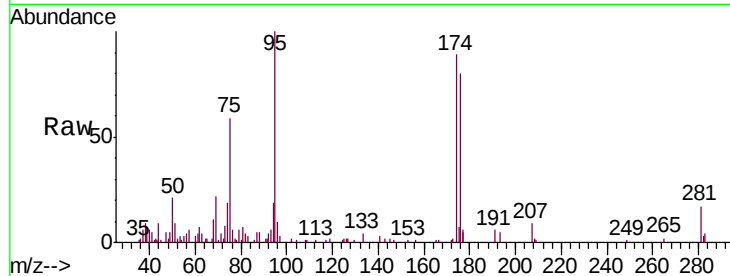




#81
trans-1,4-Dichloro-2-butene
Concen: 151.382 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW008600.D
Acq: 11 Feb 2019 16:28

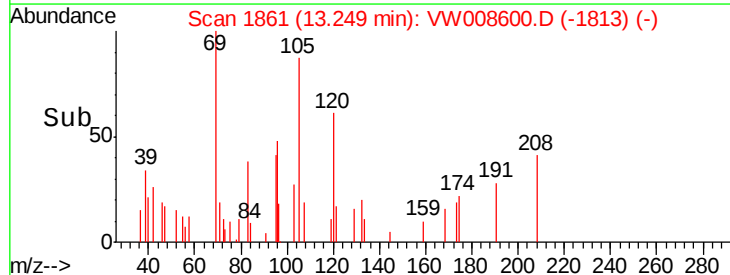
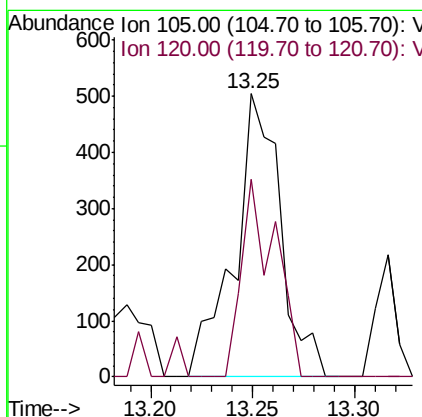
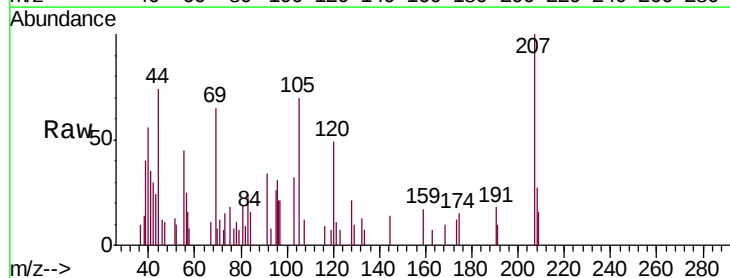
Instrument :
MSVOA_W
ClientSampled :
SB-5

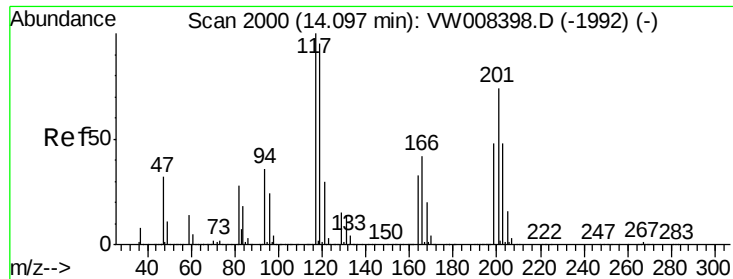
Tgt Ion: 75 Resp: 6274
Ion Ratio Lower Upper
75 100
53 3.3 76.0 114.0#
89 0.0 35.4 53.0#



#84
1,2,4-Trimethylbenzene
Concen: 1.332 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW008600.D
Acq: 11 Feb 2019 16:28

Tgt Ion: 105 Resp: 794
Ion Ratio Lower Upper
105 100
120 50.9 23.1 69.2





#90

Hexachloroethane

Concen: 1.198 ug/l

RT: 14.12 min Scan# 2004

Delta R.T. 0.02 min

Lab File: VW008600.D

Acq: 11 Feb 2019 16:28

Instrument :

MSVOA_W

ClientSampleID :

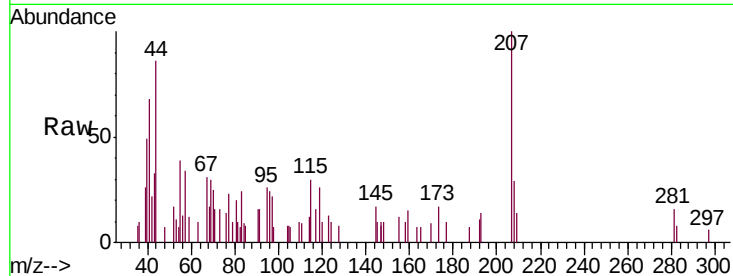
SB-5

Tgt Ion: 117 Resp: 153

Ion Ratio Lower Upper

117 100

201 0.0 39.1 117.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

14.12

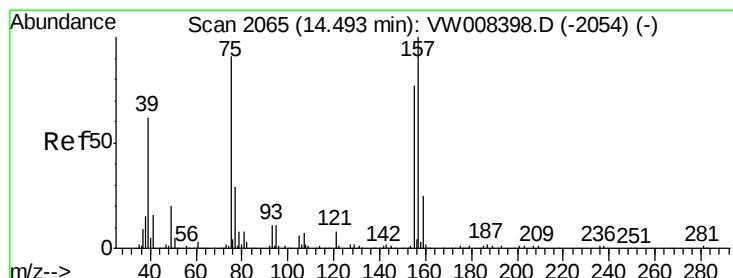
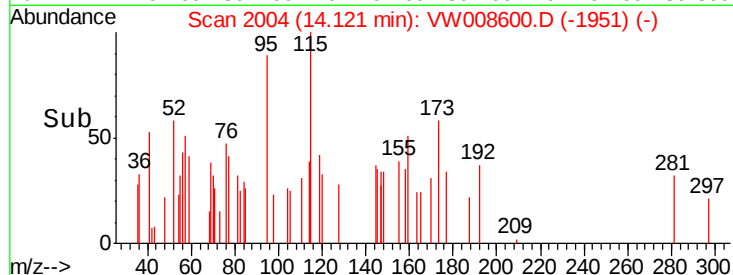
100

50

0

14.08 14.10 14.12 14.14

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.217 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW008600.D

Acq: 11 Feb 2019 16:28

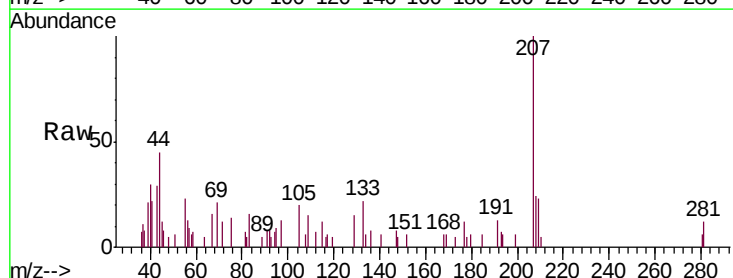
Tgt Ion: 75 Resp: 110

Ion Ratio Lower Upper

75 100

155 44.5 42.7 128.1

157 0.0 55.5 166.3#



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

14.49

200

150

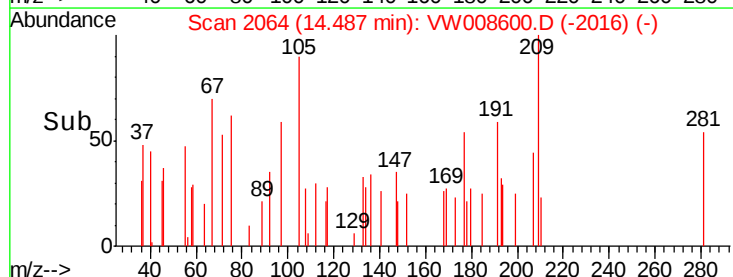
100

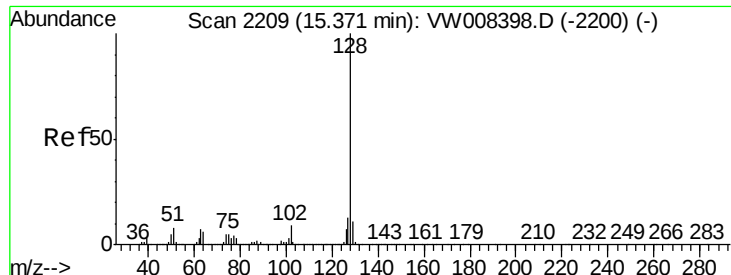
50

0

14.46 14.48 14.50 14.52

Time-->





#95

Naphthalene

Concen: 1.186 ug/l

RT: 15.38 min Scan# 2211

Delta R.T. 0.01 min

Lab File: VW008600.D

Acq: 11 Feb 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

SB-5

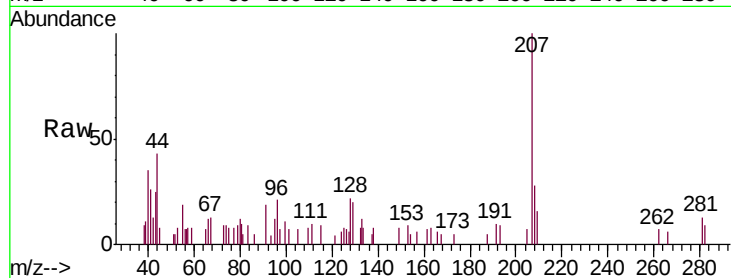
Tgt Ion:128 Resp: 407

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 49.1 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

