

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031119\
 Data File : VW009107.D
 Acq On : 12 Mar 2019 02:11
 Operator : SY/VA
 Sample : K1847-01
 Misc : 5.88G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-7B-G-1-031119

Quant Time: Mar 12 08:17:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	23109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	32799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	31431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	12204	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	15270	65.68	ug/l	0.00
Spiked Amount			Recovery	=	131.36%	
35) Dibromofluoromethane	7.88	113	12827	64.95	ug/l	0.00
Spiked Amount			Recovery	=	129.90%	
50) Toluene-d8	10.32	98	42378	52.25	ug/l	0.00
Spiked Amount			Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.62	95	13113	41.07	ug/l	0.00
Spiked Amount			Recovery	=	82.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.22	50	580	1.960	ug/l #	82
8) Diethyl Ether	3.70	74	135	1.142	ug/l	63
10) Methyl Iodide	4.28	142	460	4.836	ug/l #	70
11) Tert butyl alcohol	5.15	59	401	22.507	ug/l #	72
13) Acrolein	3.92	56	79	4.030	ug/l #	1
15) Acrylonitrile	5.39	53	75	1.454	ug/l #	1
16) Acetone	4.12	43	6217	118.497	ug/l #	77
18) Methyl Acetate	4.67	43	269	2.230	ug/l #	72
25) 2-Butanone	7.18	43	219	3.020	ug/l #	50
29) Tetrahydrofuran	7.56	42	370	8.098	ug/l #	36
31) Cyclohexane	7.94	56	556	1.282	ug/l #	47
38) Carbon Tetrachloride	7.96	117	2670	7.539	ug/l #	23
41) Methacrylonitrile	7.49	41	136	1.520	ug/l #	21
48) Methyl methacrylate	9.45	41	217	1.553	ug/l #	42
49) 1,4-Dioxane	9.45	88	82	45.729	ug/l	92
52) Toluene	10.39	92	3020	4.864	ug/l	80
59) 2-Hexanone	10.97	43	305	2.848	ug/l	83
68) m/p-Xylenes	11.84	106	769	1.576	ug/l	88
69) o-Xylene	12.16	106	497	1.095	ug/l	79
71) Bromoform	12.35	173	124	1.011	ug/l #	28
74) N-amyl acetate	12.27	43	420	2.030	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.71	83	171	1.240	ug/l #	56
76) 1,2,3-Trichloropropane	12.62	75	7077	73.396	ug/l #	1
79) 2-Chlorotoluene	12.90	91	865	1.430	ug/l	78
81) trans-1,4-Dichloro-2-buten	12.62	75	7077	164.168	ug/l #	6
82) 4-Chlorotoluene	12.99	91	921	1.429	ug/l	91
84) 1,2,4-Trimethylbenzene	13.25	105	798	1.047	ug/l	91
87) 1,3-Dichlorobenzene	13.51	146	646	1.539	ug/l #	65
88) 1,4-Dichlorobenzene	13.58	146	693	1.671	ug/l #	72
89) n-Butylbenzene	13.82	91	839	1.048	ug/l #	90
91) 1,2-Dichlorobenzene	13.88	146	793	2.142	ug/l #	70
92) 1,2-Dibromo-3-Chloropropan	14.52	75	233	9.490	ug/l #	3
93) 1,2,4-Trichlorobenzene	15.14	180	692	2.767	ug/l	91
94) Hexachlorobutadiene	15.24	225	481	3.071	ug/l	76

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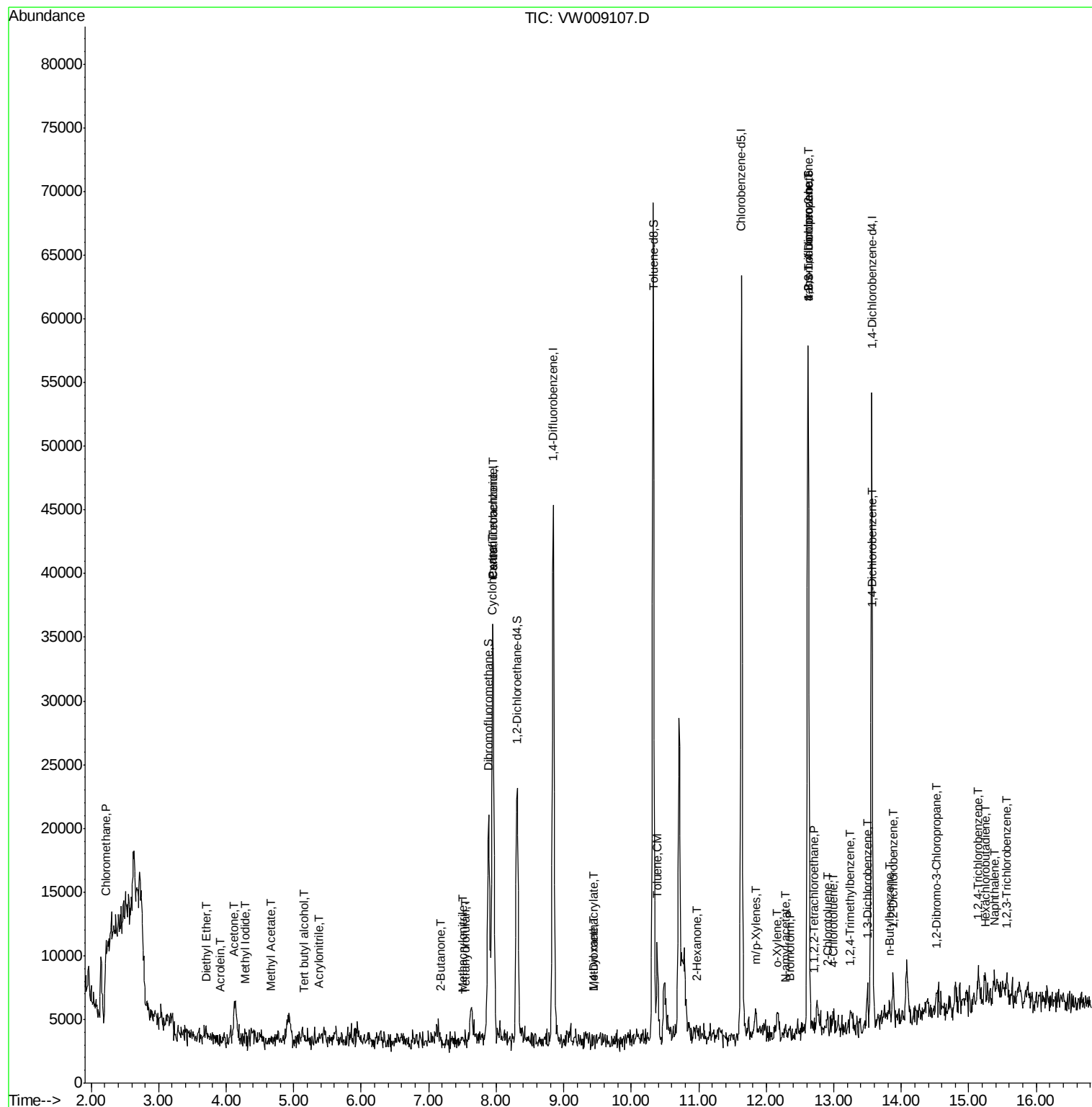
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.38	128	1416	3.459	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.57	180	731	3.325	ug/l #	80

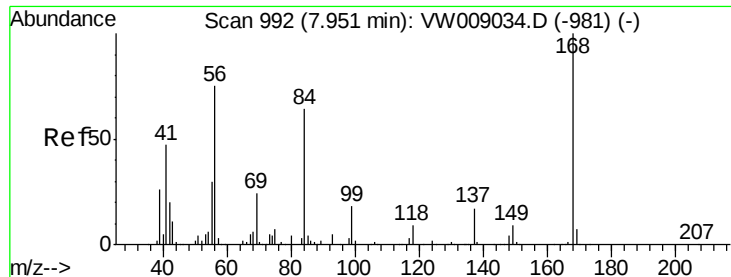
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW031119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009107.D

Acq: 12 Mar 2019 02:11

Instrument :

MSVOA_W

ClientSampleId :

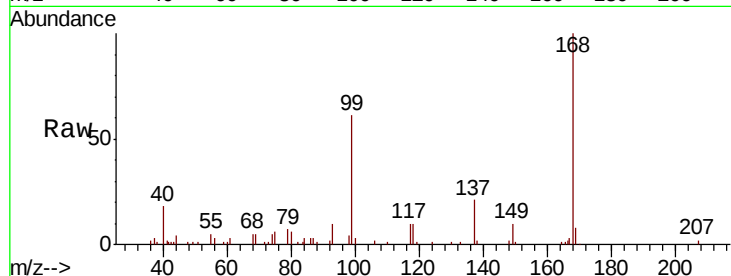
SUP-7B-G-1-031119

Tgt Ion:168 Resp: 23109

Ion Ratio Lower Upper

168 100

99 61.3 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

12000

10000

8000

6000

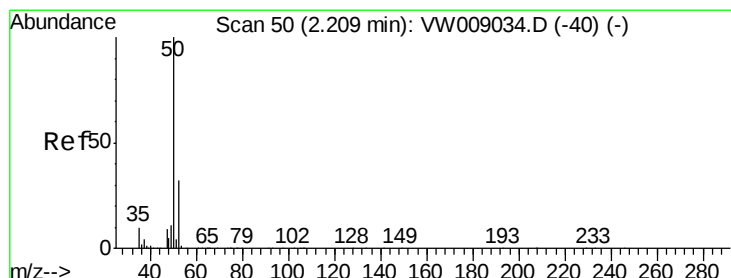
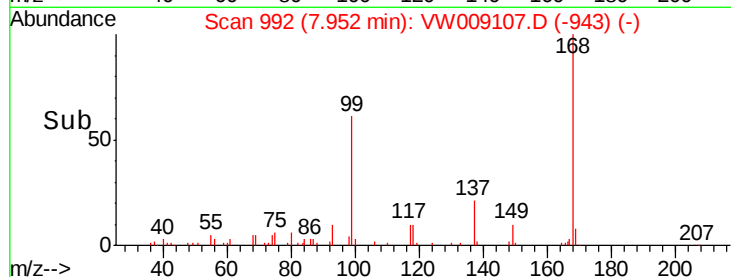
4000

2000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#3

Chloromethane

Concen: 1.960 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW009107.D

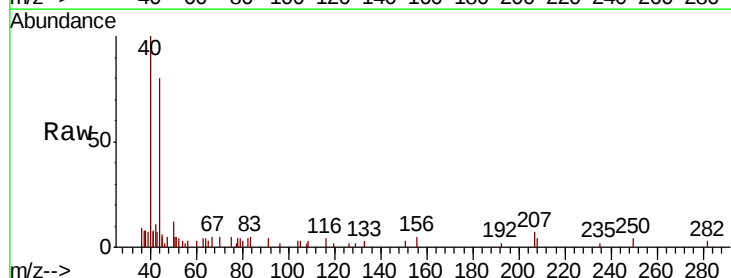
Acq: 12 Mar 2019 02:11

Tgt Ion: 50 Resp: 580

Ion Ratio Lower Upper

50 100

52 21.6 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.22

500

400

300

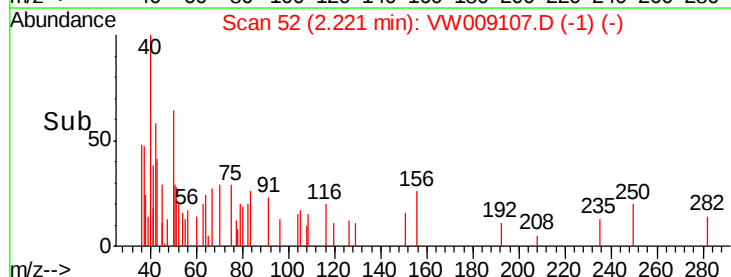
200

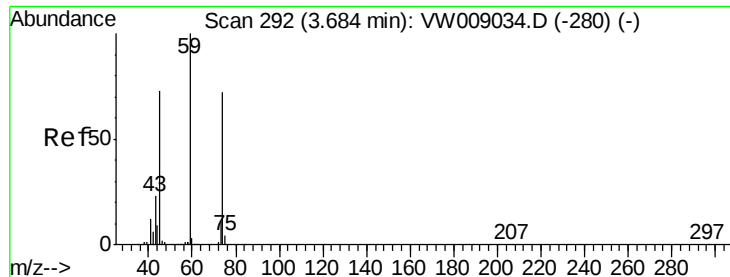
100

0

Time-->

2.20 2.25





#8

Diethyl Ether

Concen: 1.142 ug/l

RT: 3.70 min Scan# 294

Delta R.T. 0.01 min

Lab File: VW009107.D

Acq: 12 Mar 2019 02:11

Instrument :

MSVOA_W

ClientSampleId :

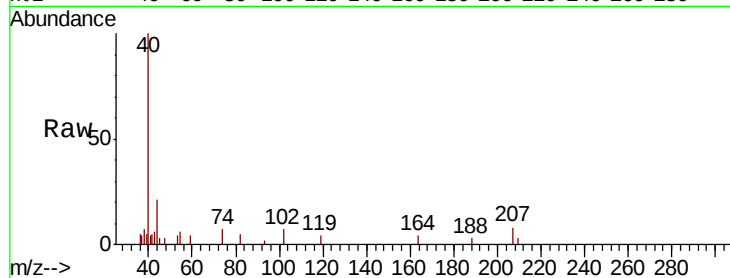
SUP-7B-G-1-031119

Tgt Ion: 74 Resp: 135

Ion Ratio Lower Upper

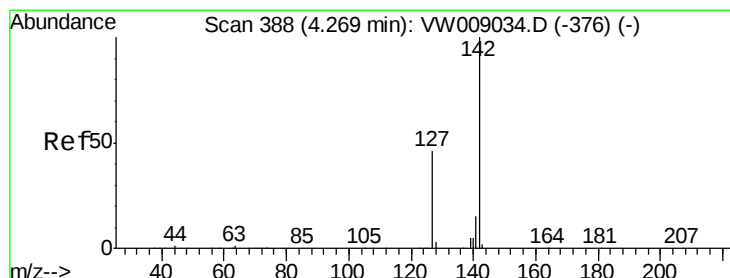
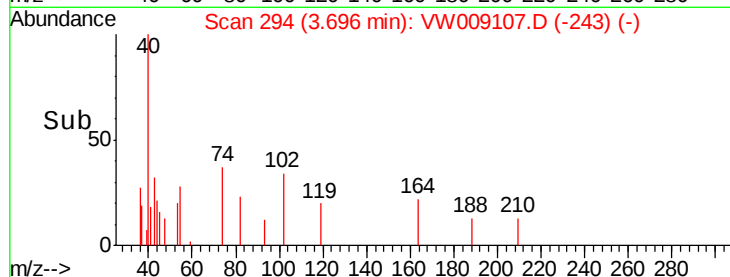
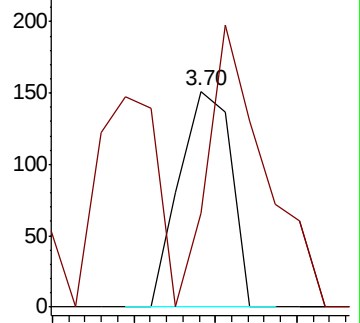
74 100

45 142.2 52.3 157.1



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



#10

Methyl Iodide

Concen: 4.836 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW009107.D

Acq: 12 Mar 2019 02:11

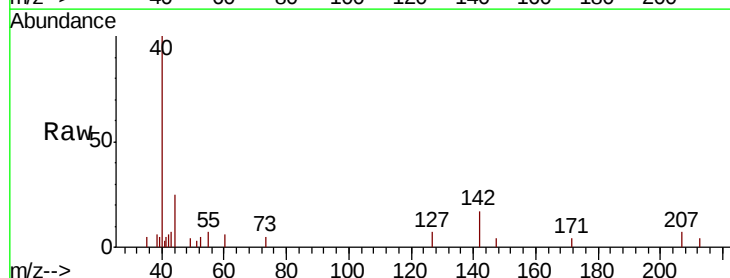
Tgt Ion: 142 Resp: 460

Ion Ratio Lower Upper

142 100

127 63.3 35.8 53.6#

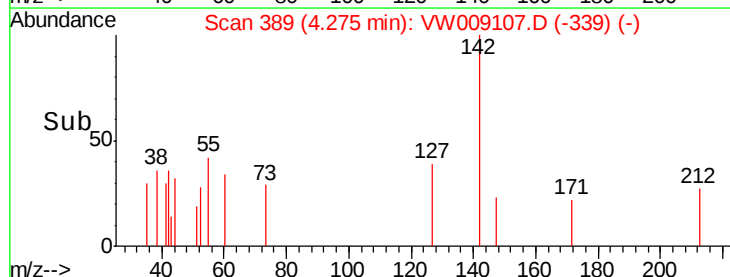
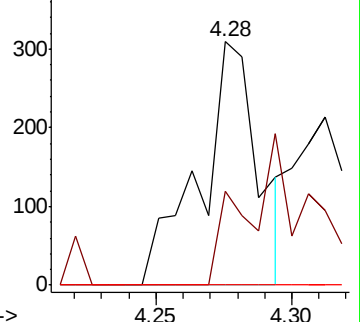
141 0.0 11.8 17.8#

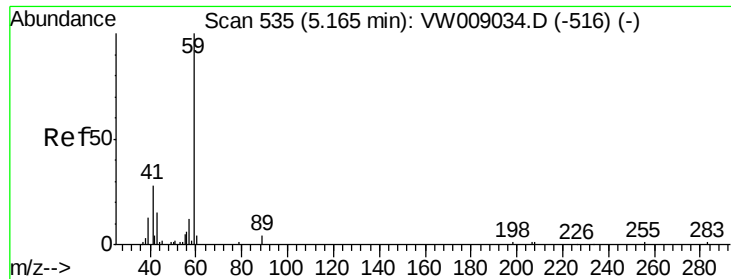


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

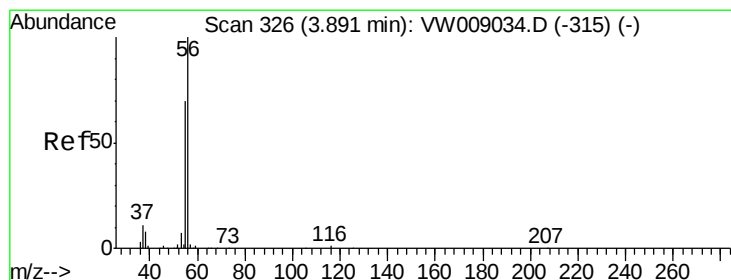
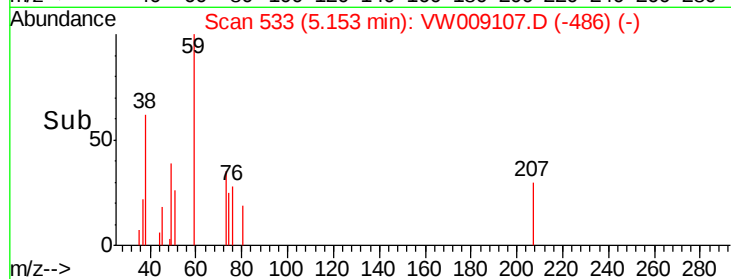
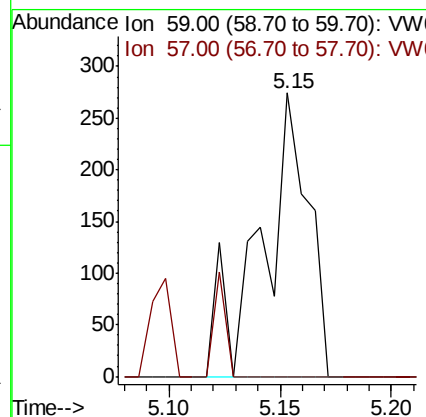
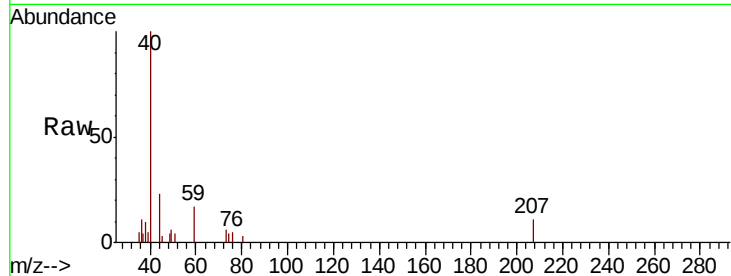




#11
Tert butyl alcohol
Concen: 22.507 ug/l
RT: 5.15 min Scan# 533
Delta R.T. -0.01 min
Lab File: VW009107.D
Acq: 12 Mar 2019 02:11

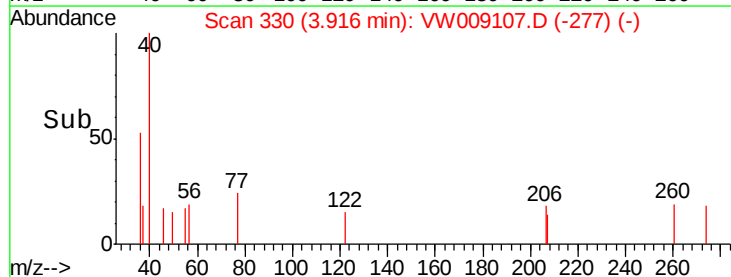
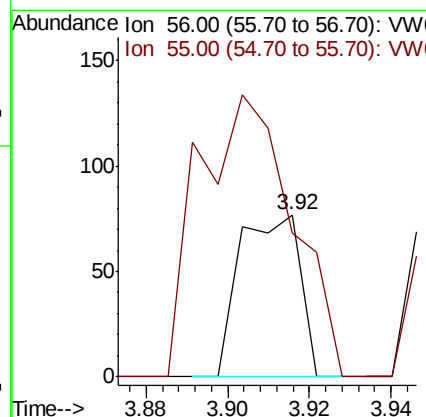
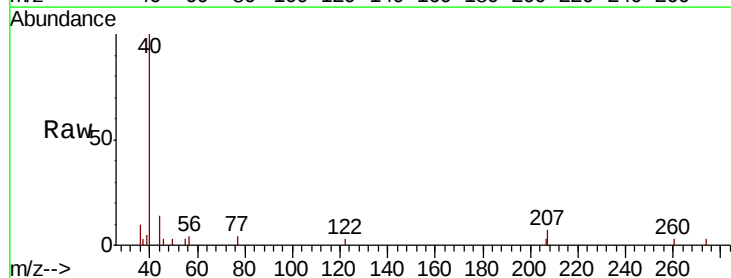
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SUP-7B-G-1-031119

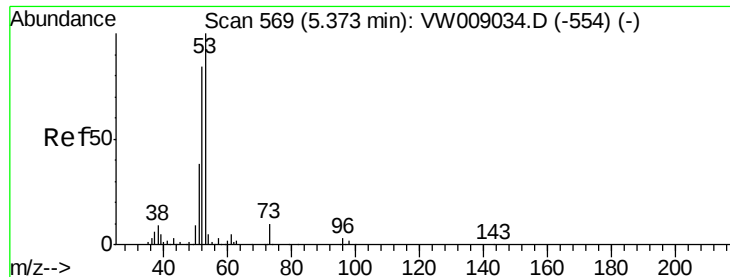
Tgt Ion: 59 Resp: 401
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#13
Acrolein
Concen: 4.030 ug/l
RT: 3.92 min Scan# 330
Delta R.T. 0.02 min
Lab File: VW009107.D
Acq: 12 Mar 2019 02:11

Tgt Ion: 56 Resp: 79
Ion Ratio Lower Upper
56 100
55 269.6 56.6 84.8#





#15

Acrylonitrile

Concen: 1.454 ug/l

RT: 5.39 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW009107.D

Acq: 12 Mar 2019 02:11

Instrument :

MSVOA_W

ClientSampleId :

SUP-7B-G-1-031119

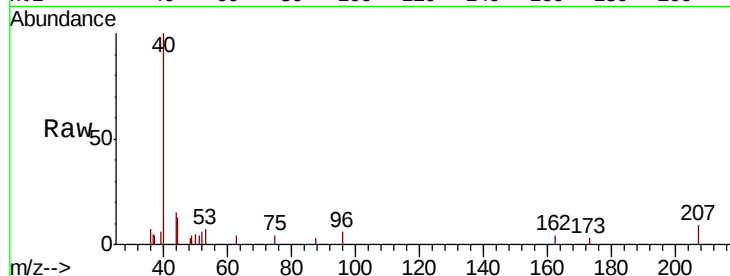
Tgt Ion: 53 Resp: 75

Ion Ratio Lower Upper

53 100

52 153.3 67.2 100.8#

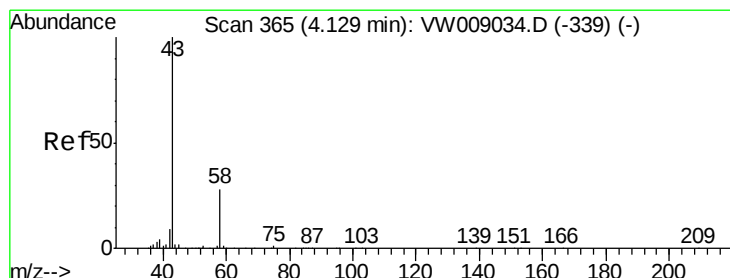
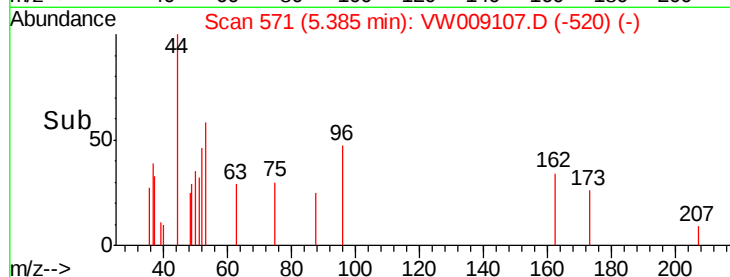
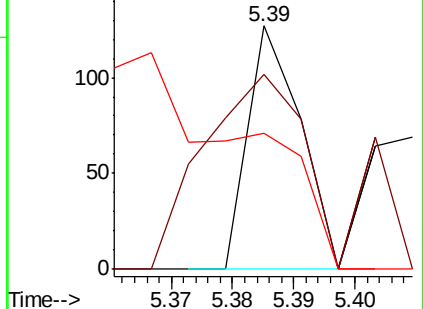
51 278.7 31.8 47.6#



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: 118.497 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009107.D

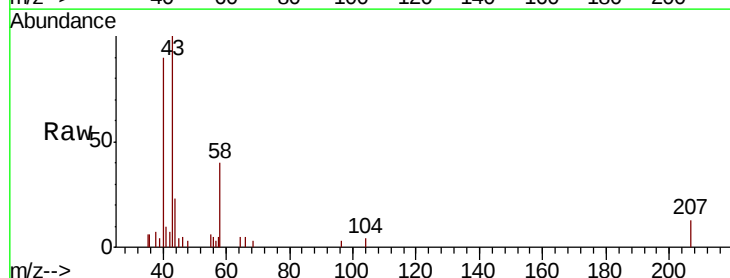
Acq: 12 Mar 2019 02:11

Tgt Ion: 43 Resp: 6217

Ion Ratio Lower Upper

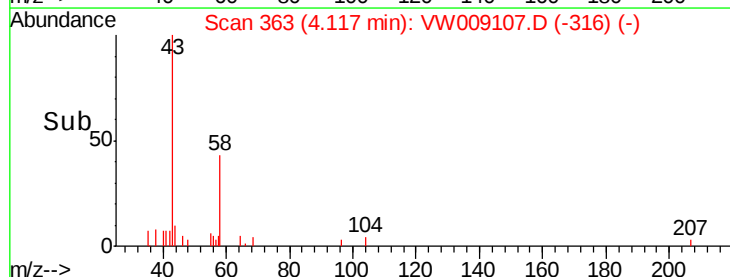
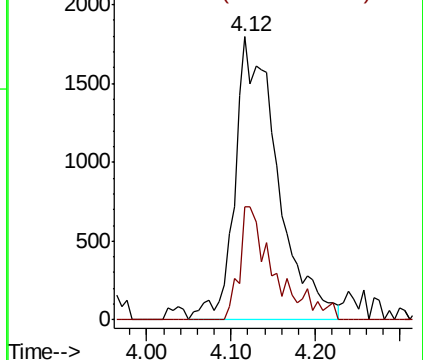
43 100

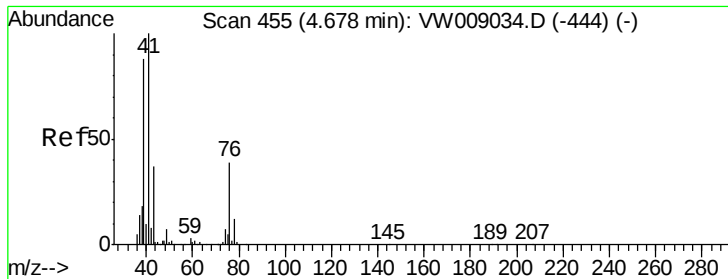
58 40.1 22.5 33.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

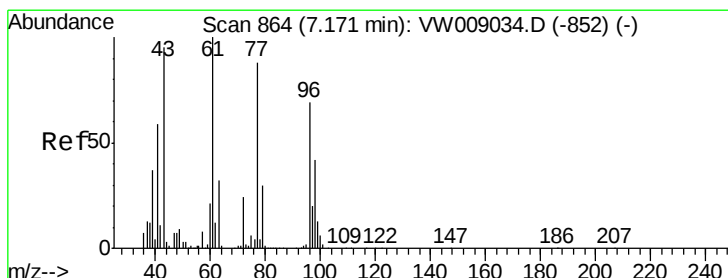
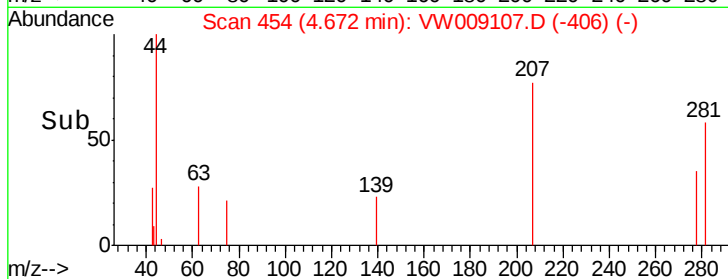
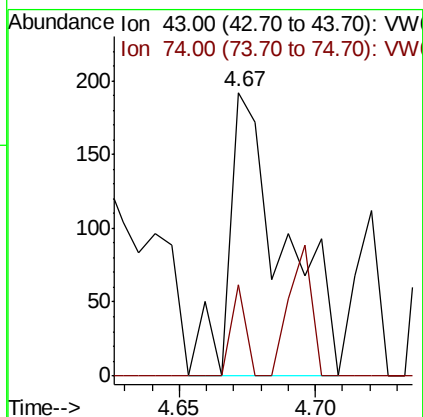
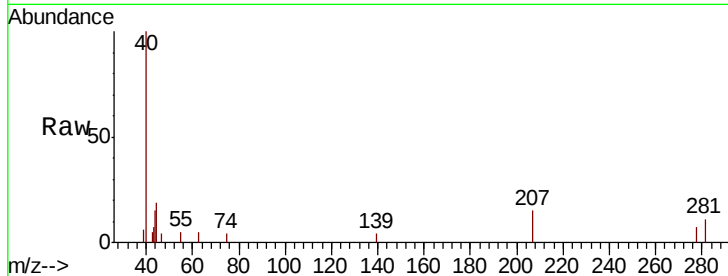




#18
Methyl Acetate
Concen: 2.230 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW009107.D
Acq: 12 Mar 2019 02:11

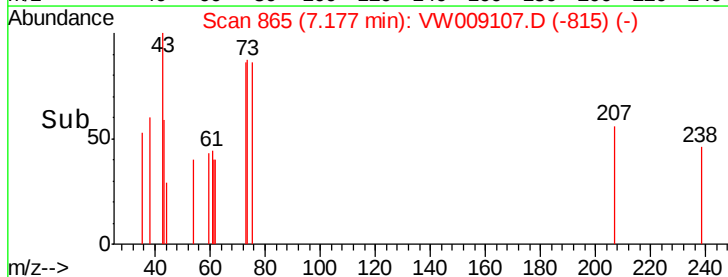
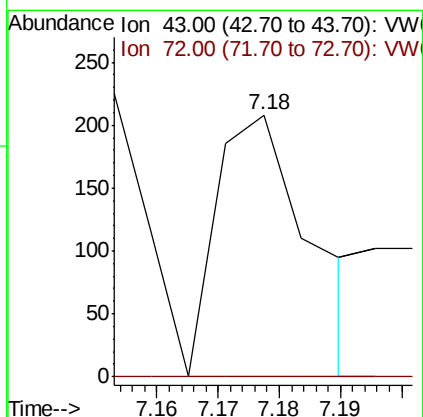
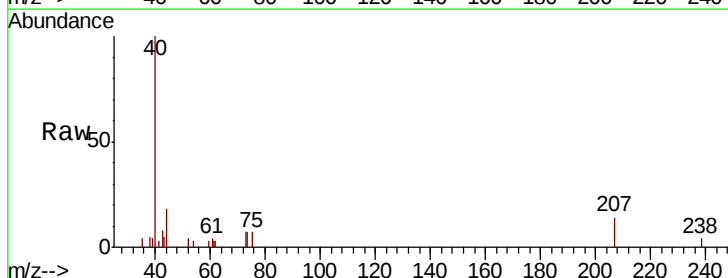
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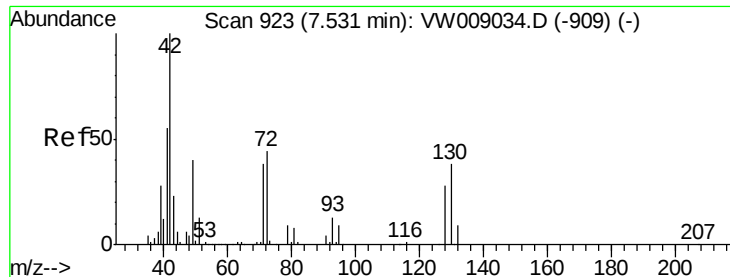
Tgt Ion: 43 Resp: 269
Ion Ratio Lower Upper
43 100
74 8.6 17.6 26.4#



#25
2-Butanone
Concen: 3.020 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW009107.D
Acq: 12 Mar 2019 02:11

Tgt Ion: 43 Resp: 219
Ion Ratio Lower Upper
43 100
72 0.0 20.0 30.0#

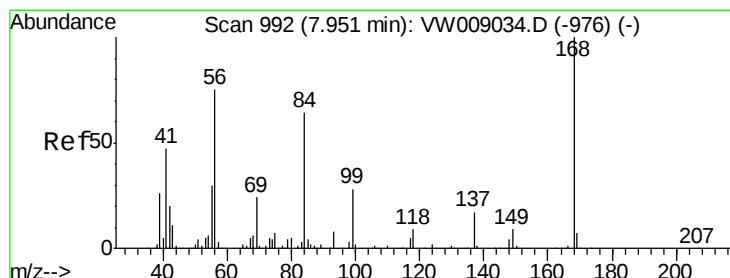
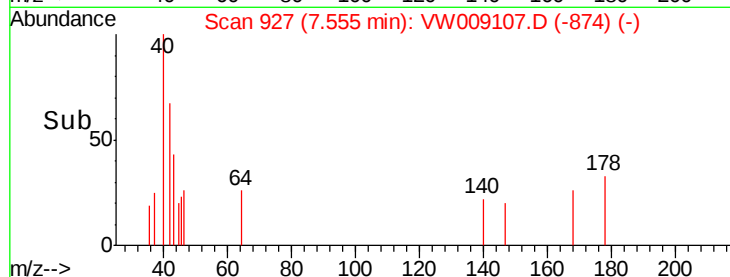
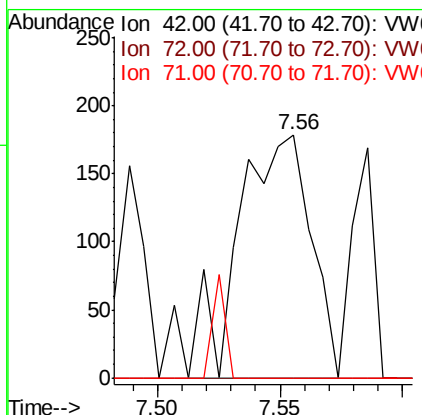
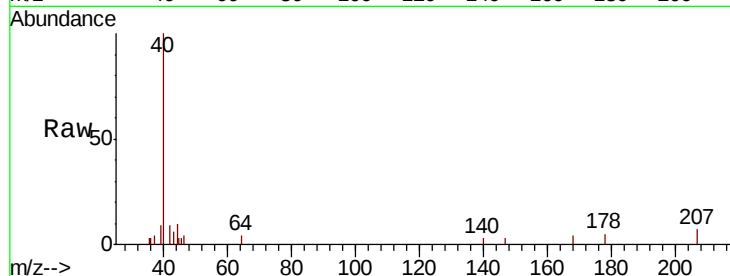




#29
Tetrahydrofuran
Concen: 8.098 ug/l
RT: 7.56 min Scan# 927
Delta R.T. 0.02 min
Lab File: VW009107.D
Acq: 12 Mar 2019 02:11

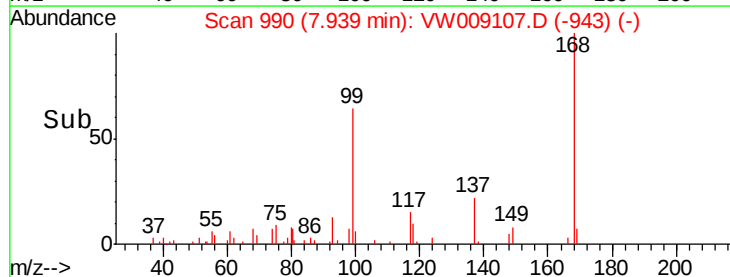
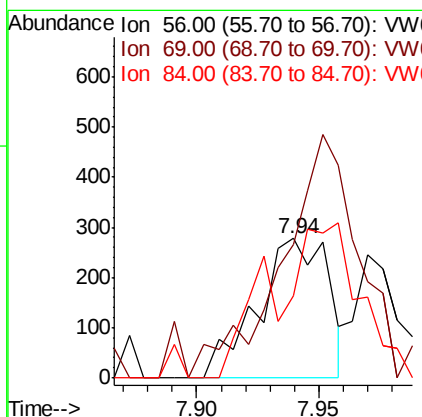
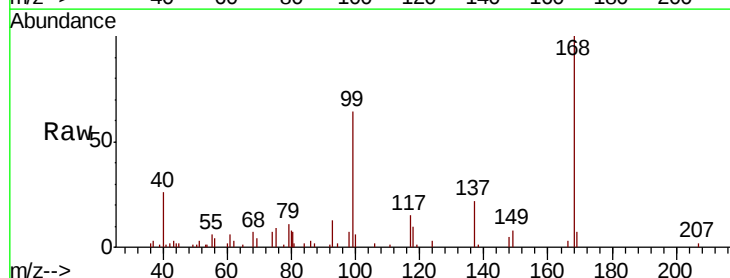
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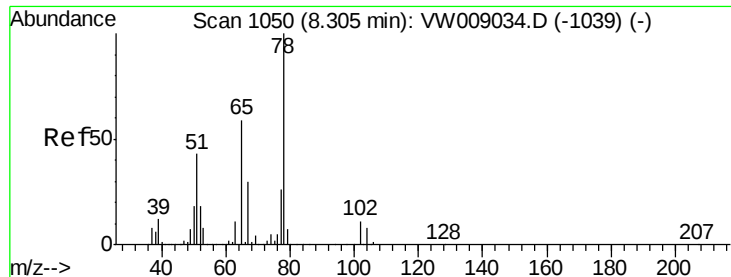
Tgt Ion: 42 Resp: 370
Ion Ratio Lower Upper
42 100
72 0.0 32.2 48.4#
71 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.282 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW009107.D
Acq: 12 Mar 2019 02:11

Tgt Ion: 56 Resp: 556
Ion Ratio Lower Upper
56 100
69 95.7 25.5 38.3#
84 58.6 68.6 103.0#





#33

1,2-Dichloroethane-d4

Concen: 65.678 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW009107.D

Acq: 12 Mar 2019 02:11

Instrument :

MSVOA_W

ClientSampleId :

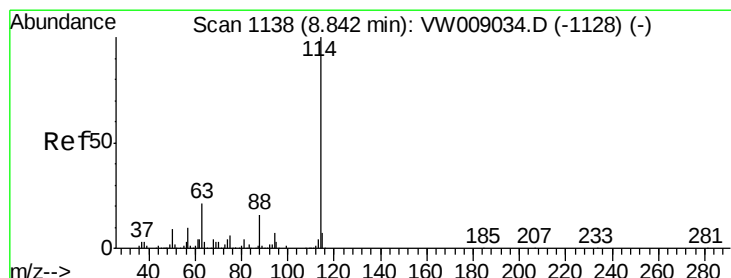
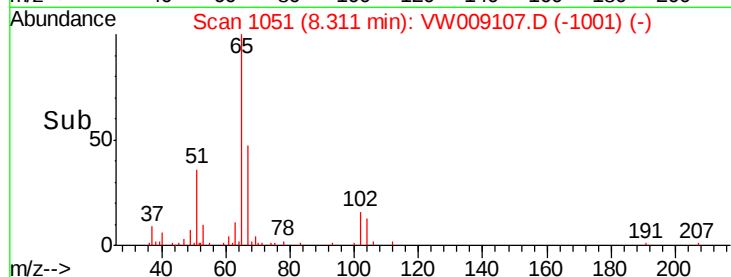
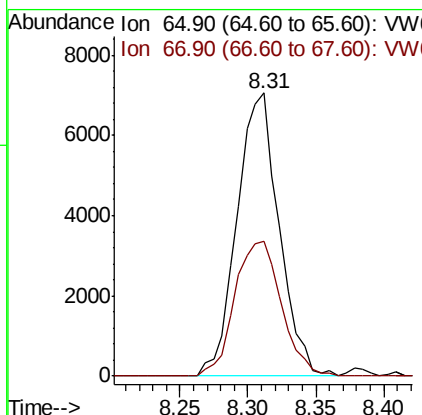
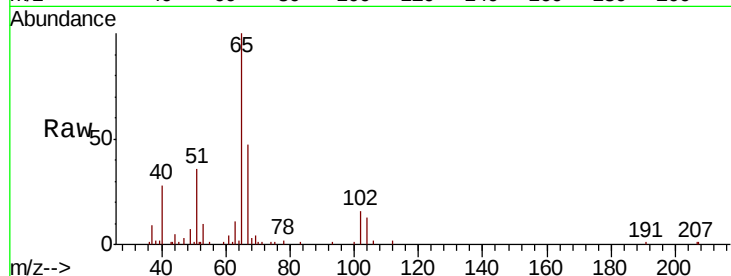
SUP-7B-G-1-031119

Tgt Ion: 65 Resp: 15270

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW009107.D

Acq: 12 Mar 2019 02:11

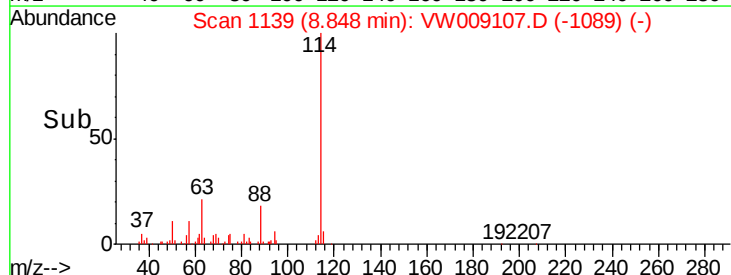
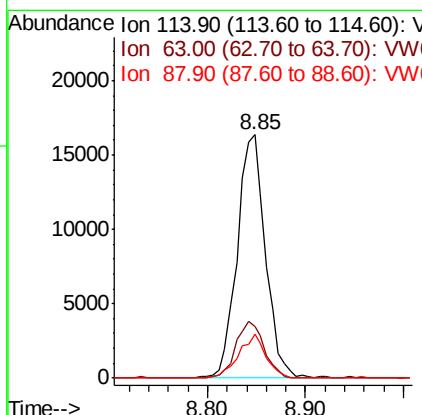
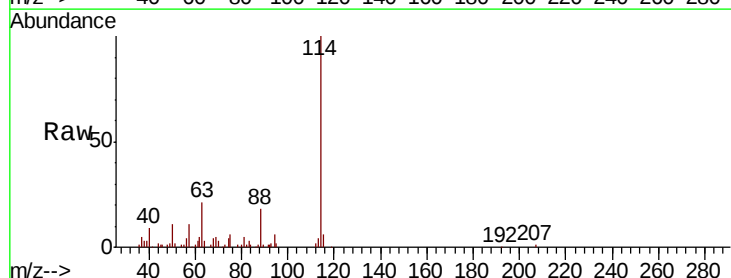
Tgt Ion: 114 Resp: 32799

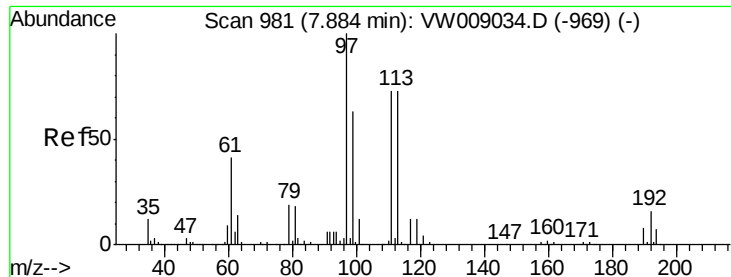
Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.2

88 17.9 0.0 31.2

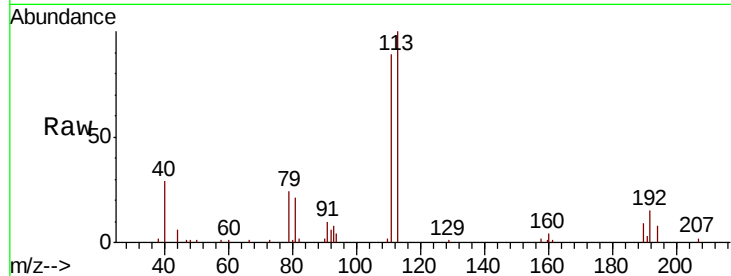




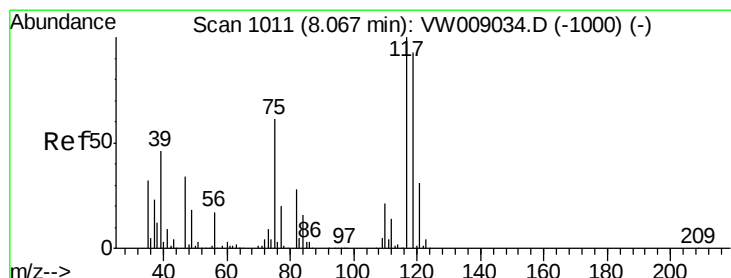
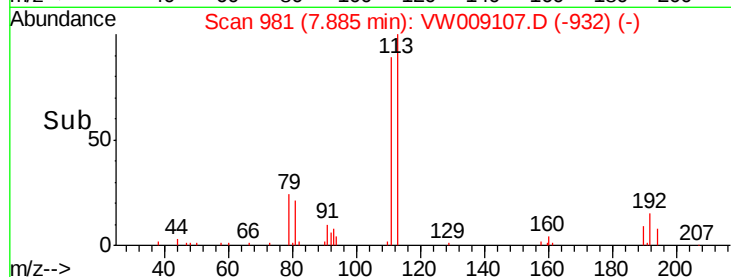
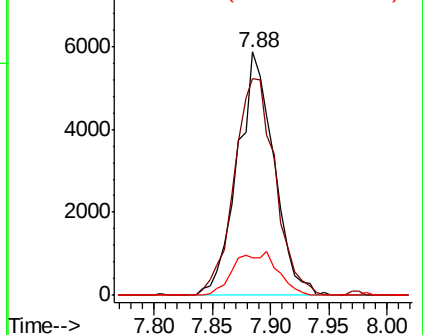
#35
 Dibromofluoromethane
 Concen: 64.954 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW009107.D
 Acq: 12 Mar 2019 02:11

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-7B-G-1-031119

Tgt Ion:113 Resp: 12827
 Ion Ratio Lower Upper
 113 100
 111 99.7 81.0 121.4
 192 21.4 17.1 25.7

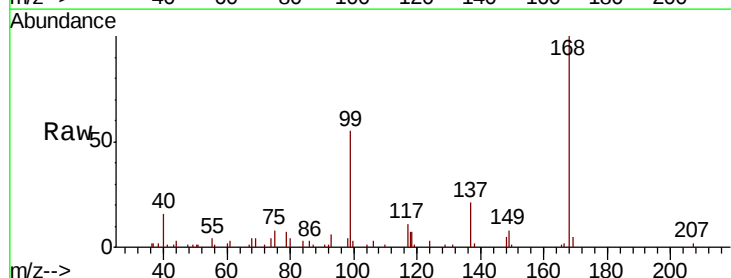


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

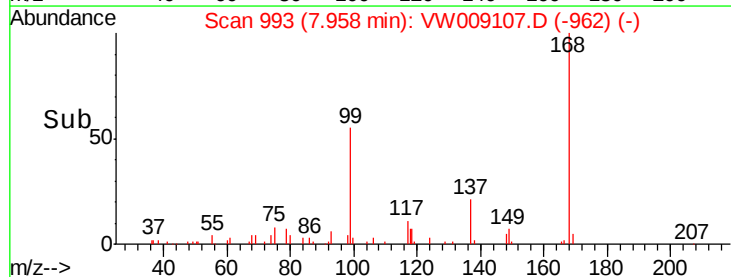
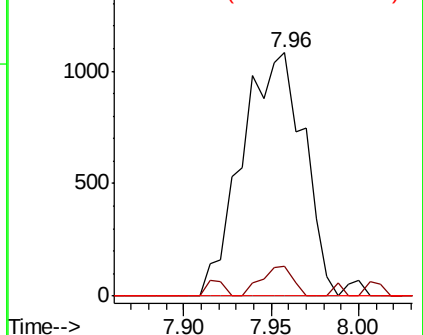


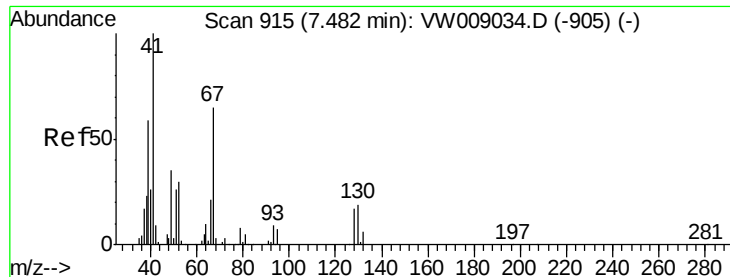
#38
 Carbon Tetrachloride
 Concen: 7.539 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.11 min
 Lab File: VW009107.D
 Acq: 12 Mar 2019 02:11

Tgt Ion:117 Resp: 2670
 Ion Ratio Lower Upper
 117 100
 119 12.5 74.6 112.0#
 121 0.0 24.7 37.1#



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





#41

Methacrylonitrile

Concen: 1.520 ug/l

RT: 7.49 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW009107.D

Acq: 12 Mar 2019 02:11

Instrument :

MSVOA_W

ClientSampleId :

SUP-7B-G-1-031119

Tgt Ion: 41 Resp: 136

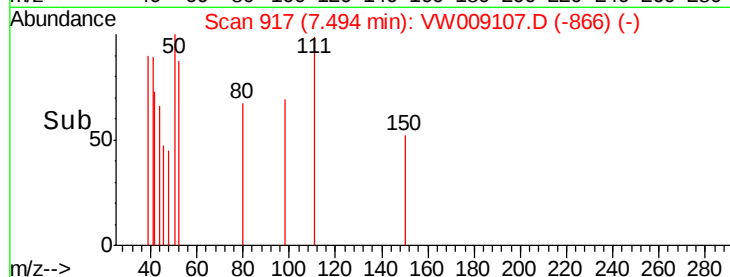
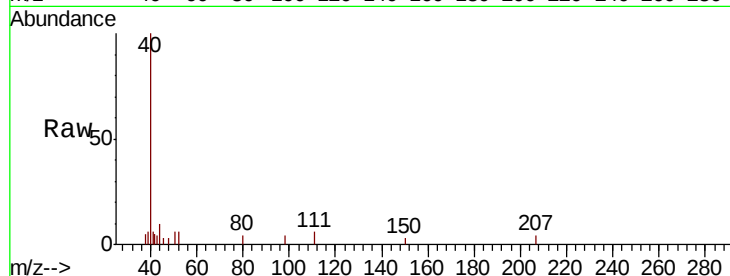
Ion Ratio Lower Upper

41 100

39 131.6 53.6 80.4#

67 0.0 57.6 86.4#

52 0.0 26.0 39.0#

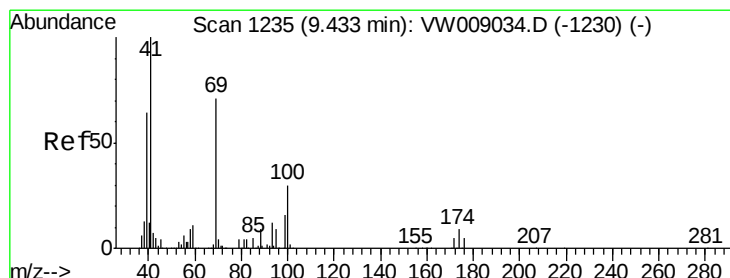
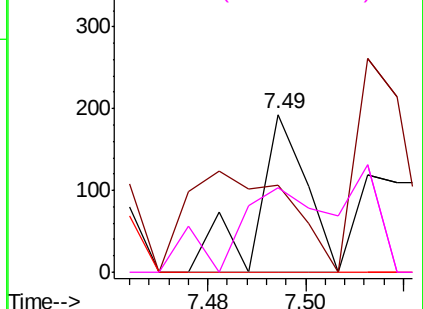


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 1.553 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.02 min

Lab File: VW009107.D

Acq: 12 Mar 2019 02:11

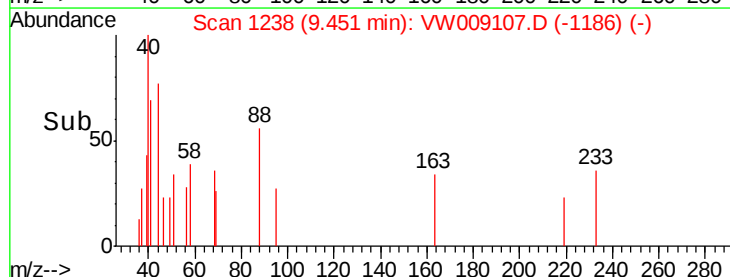
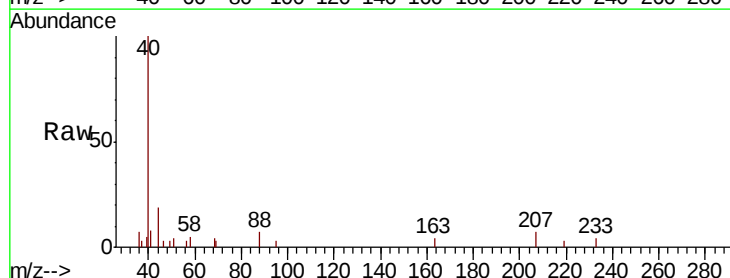
Tgt Ion: 41 Resp: 217

Ion Ratio Lower Upper

41 100

69 9.7 59.1 88.7#

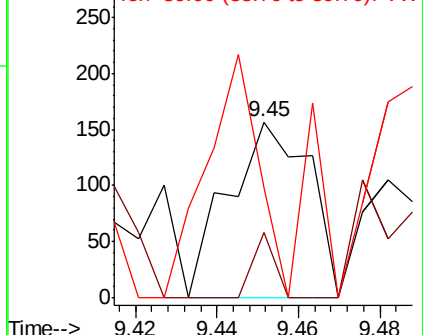
39 89.4 48.9 73.3#

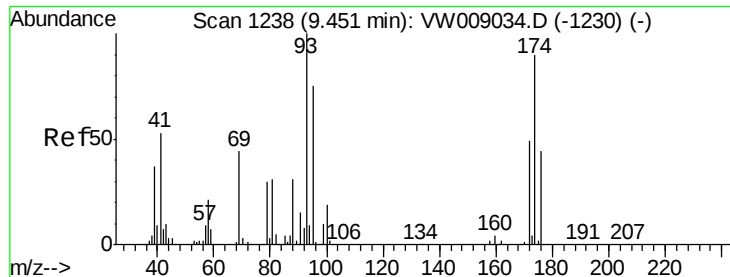


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

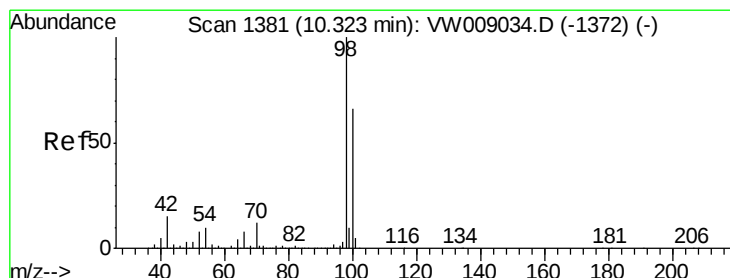
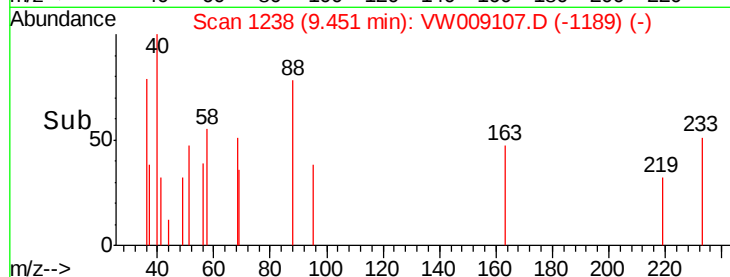
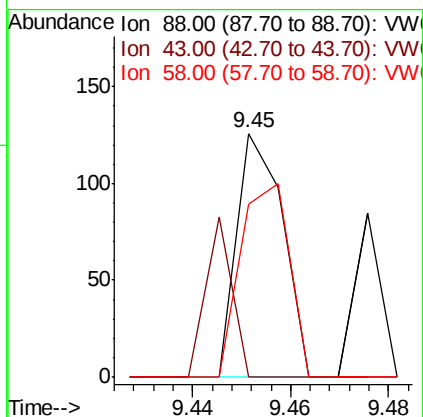
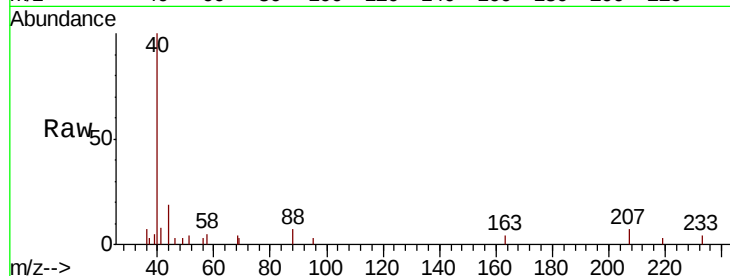




#49
 1,4-Dioxane
 Concen: 45.729 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: VW009107.D
 Acq: 12 Mar 2019 02:11

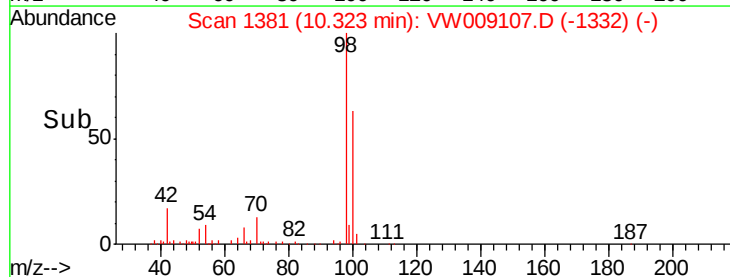
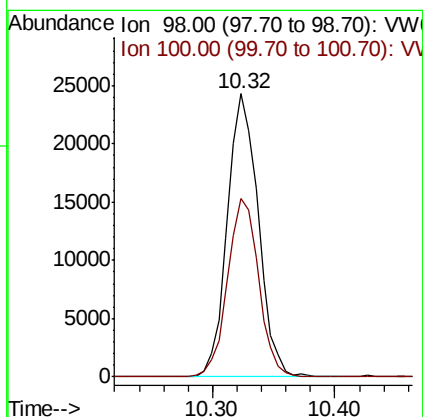
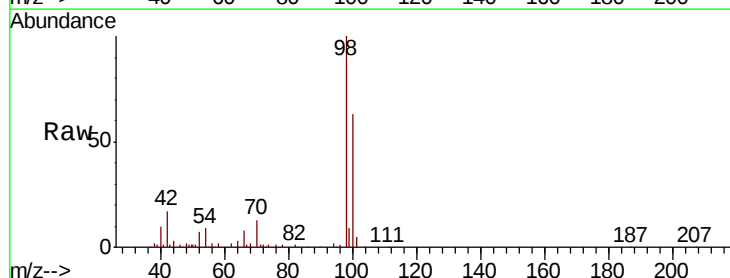
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-7B-G-1-031119

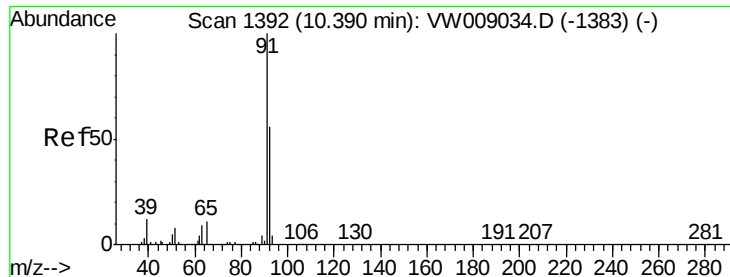
Tgt Ion: 88 Resp: 82
 Ion Ratio Lower Upper
 88 100
 43 36.6 29.0 43.4
 58 84.1 59.2 88.8



#50
 Toluene-d8
 Concen: 52.249 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW009107.D
 Acq: 12 Mar 2019 02:11

Tgt Ion: 98 Resp: 42378
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.9 77.9





#52

Toluene

Concen: 4.864 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW009107.D

Acq: 12 Mar 2019 02:11

Instrument :

MSVOA_W

ClientSampleId :

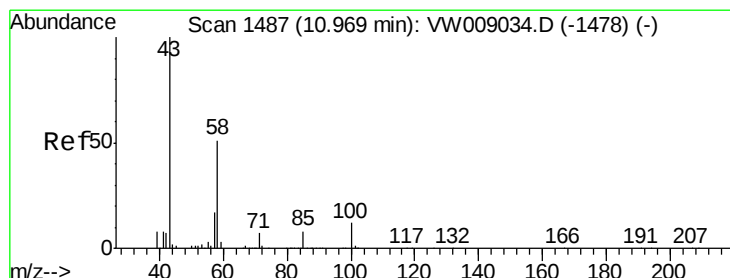
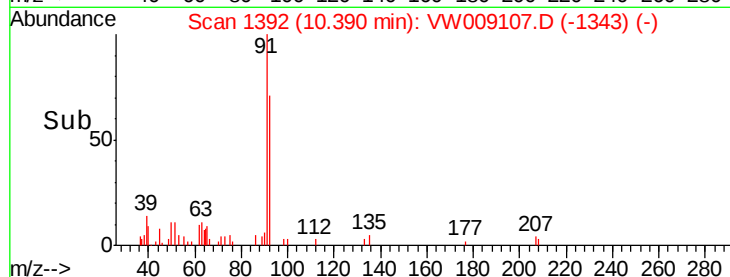
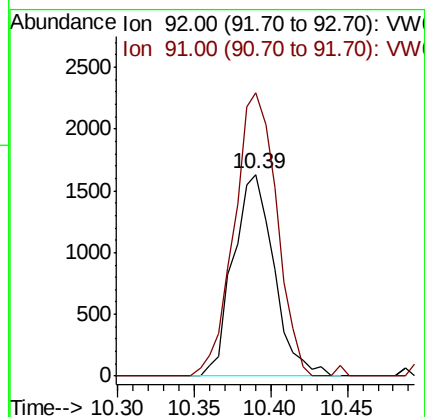
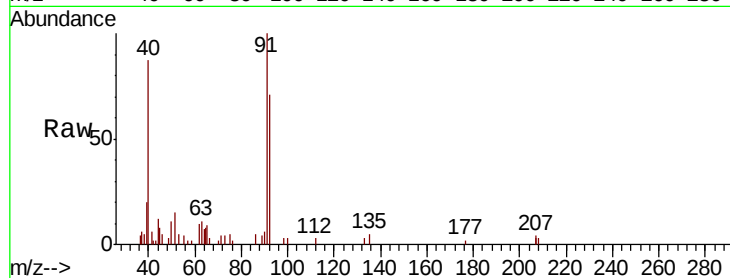
SUP-7B-G-1-031119

Tgt Ion: 92 Resp: 3020

Ion Ratio Lower Upper

92 100

91 146.6 139.9 209.9



#59

2-Hexanone

Concen: 2.848 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW009107.D

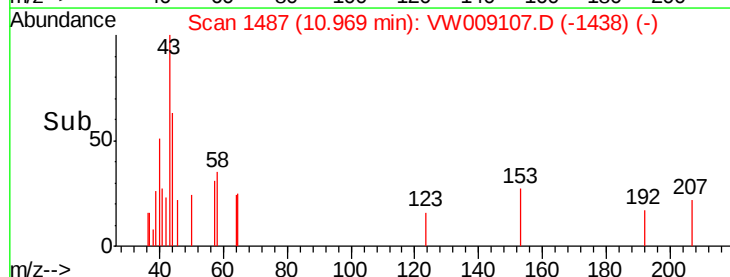
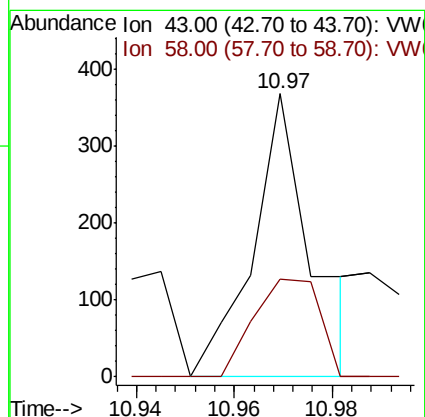
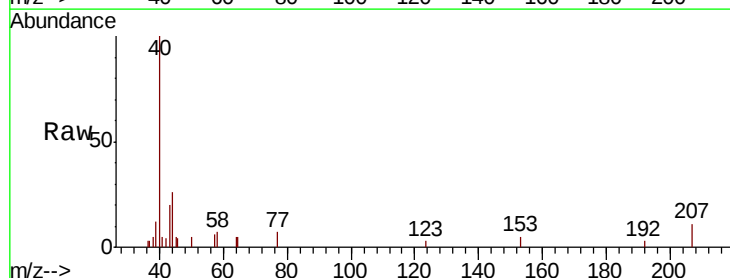
Acq: 12 Mar 2019 02:11

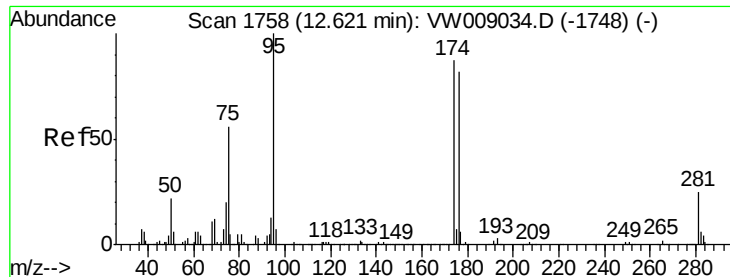
Tgt Ion: 43 Resp: 305

Ion Ratio Lower Upper

43 100

58 39.0 25.3 75.9





#62

4-Bromofluorobenzene

Concen: 41.069 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009107.D

Acq: 12 Mar 2019 02:11

Instrument :

MSVOA_W

ClientSampleId :

SUP-7B-G-1-031119

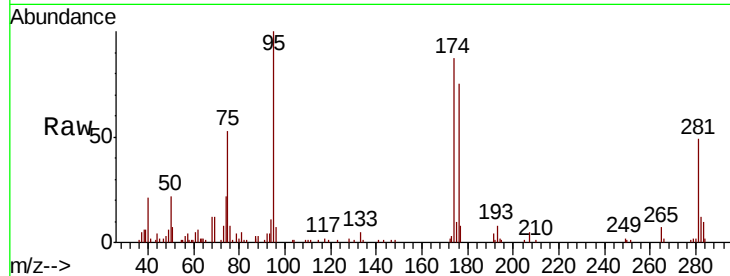
Tgt Ion: 95 Resp: 13113

Ion Ratio Lower Upper

95 100

174 85.6 0.0 167.0

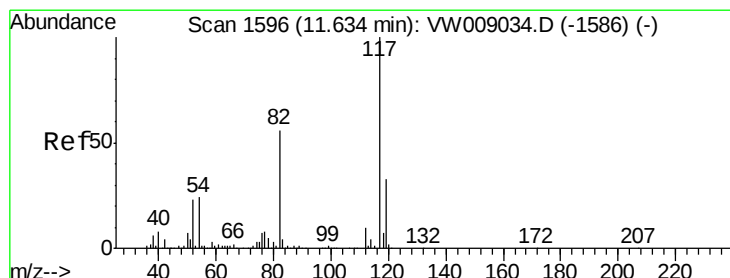
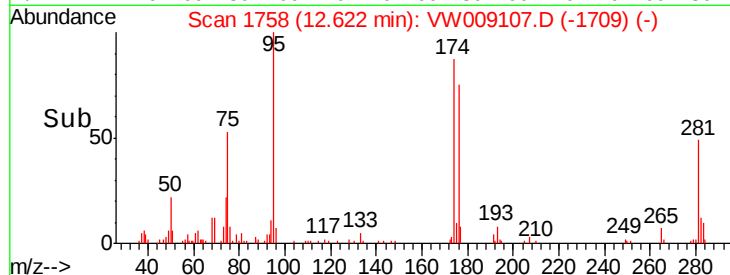
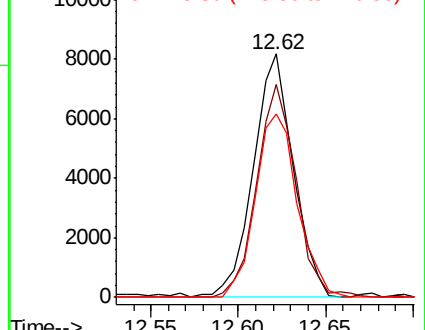
176 79.2 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW009107.D

Acq: 12 Mar 2019 02:11

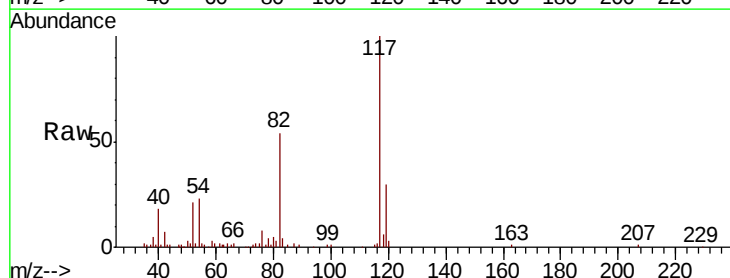
Tgt Ion: 117 Resp: 31431

Ion Ratio Lower Upper

117 100

82 54.1 45.0 67.6

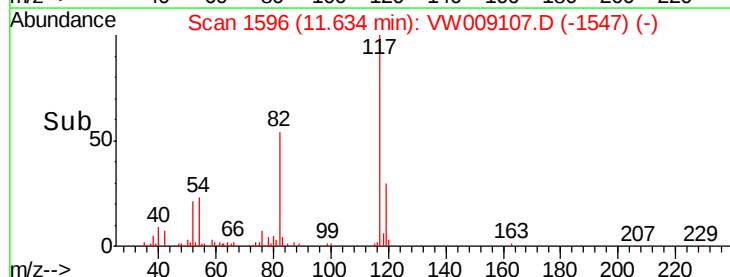
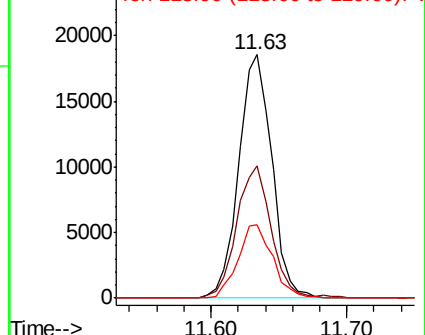
119 30.2 26.6 39.8

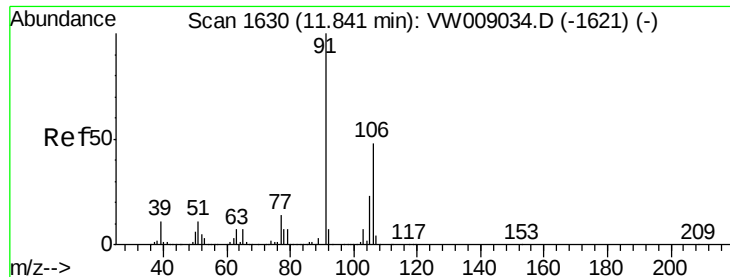


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#68

m/p-Xylenes

Concen: 1.576 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW009107.D

Acq: 12 Mar 2019 02:11

Instrument :

MSVOA_W

ClientSampleId :

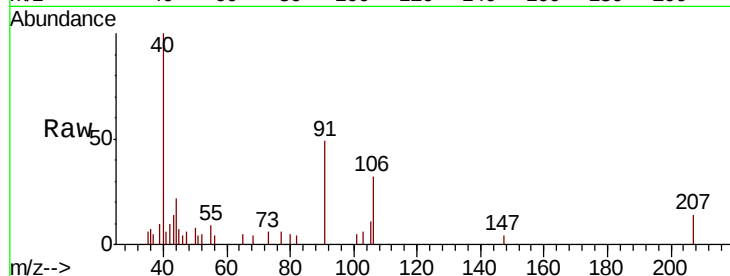
SUP-7B-G-1-031119

Tgt Ion:106 Resp: 769

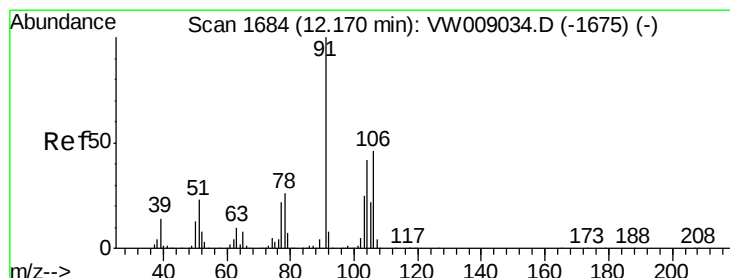
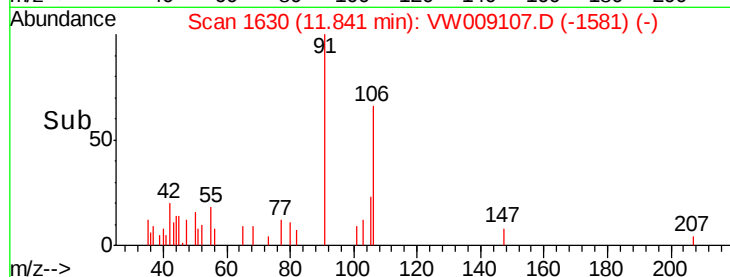
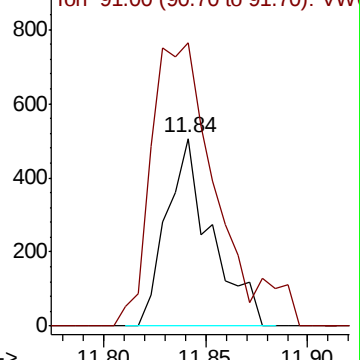
Ion Ratio Lower Upper

106 100

91 221.7 163.2 244.8



Abundance Ion 106.00 (105.70 to 106.70): V



#69

o-Xylene

Concen: 1.095 ug/l

RT: 12.16 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VW009107.D

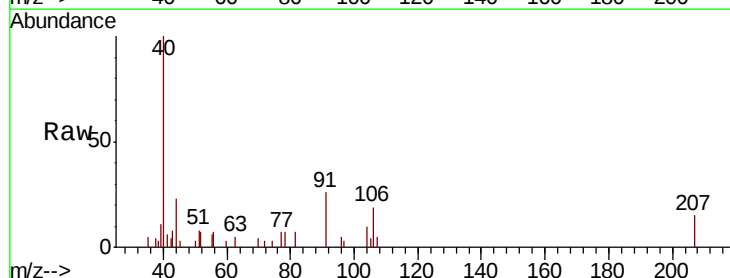
Acq: 12 Mar 2019 02:11

Tgt Ion:106 Resp: 497

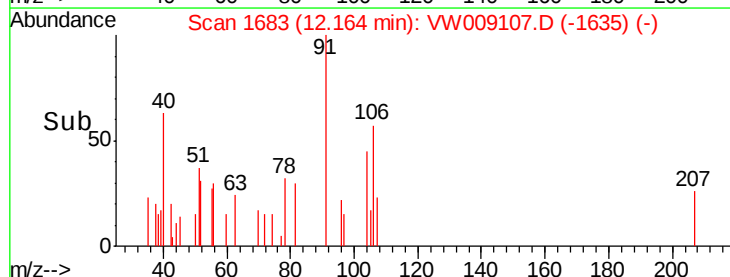
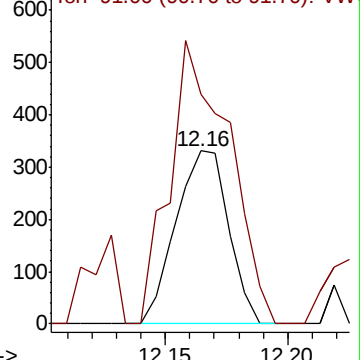
Ion Ratio Lower Upper

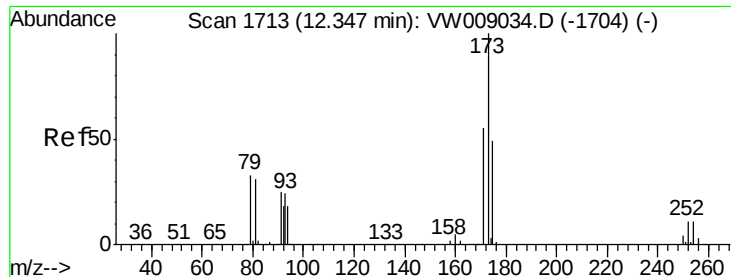
106 100

91 184.1 108.6 325.6



Abundance Ion 106.00 (105.70 to 106.70): V





#71

Bromoform

Concen: 1.011 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW009107.D

Acq: 12 Mar 2019 02:11

Instrument :

MSVOA_W

ClientSampleId :

SUP-7B-G-1-031119

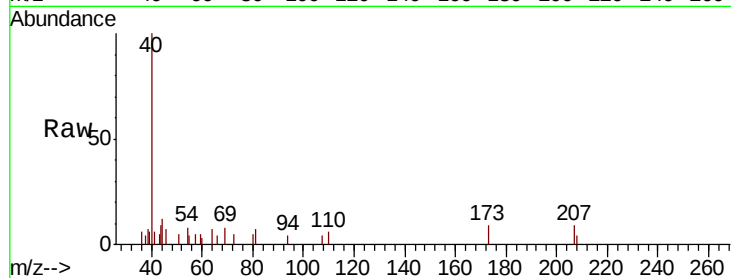
Tgt Ion:173 Resp: 124

Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

254 0.0 0.0 0.0



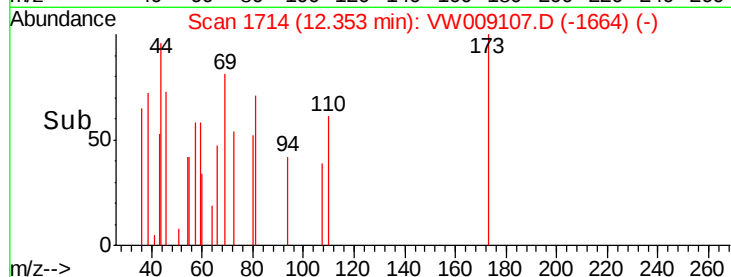
Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

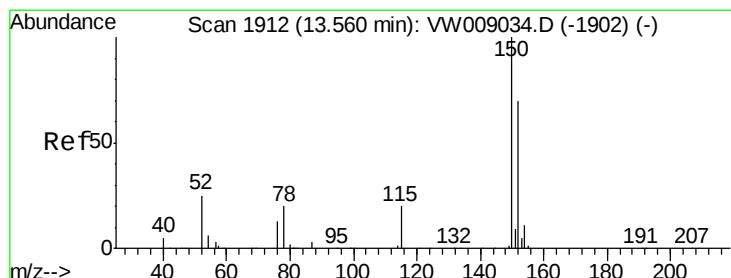
Ion 254.40 (254.10 to 255.10): V

12.35

12.32 12.34 12.36



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW009107.D

Acq: 12 Mar 2019 02:11

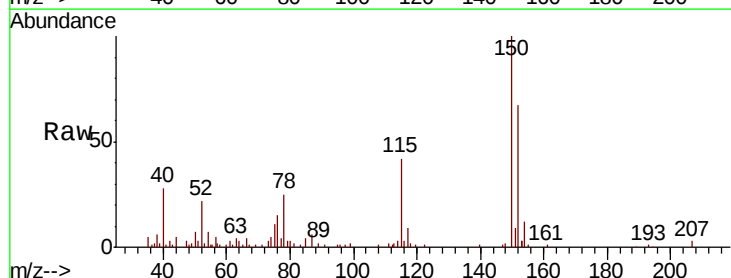
Tgt Ion:152 Resp: 12204

Ion Ratio Lower Upper

152 100

115 59.2 28.9 86.7

150 150.7 0.0 349.2



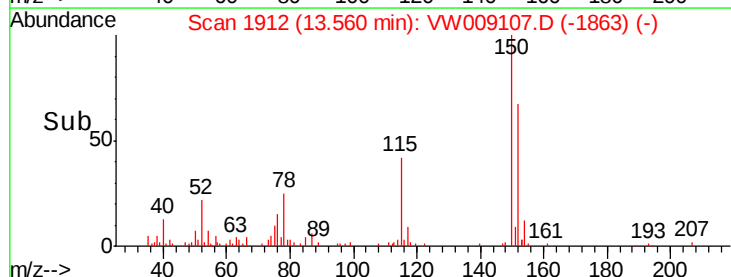
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

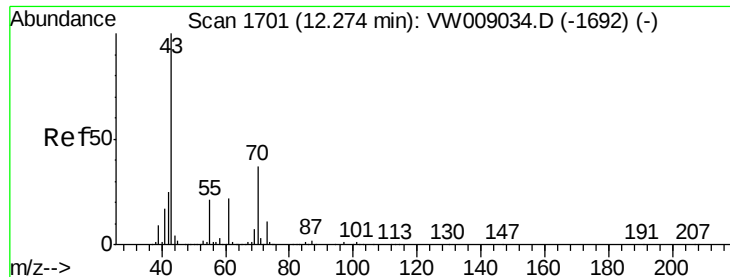
Ion 149.90 (149.60 to 150.60): V

13.56

13.50 13.55 13.60



Time-->



#74

N-ethyl acetate

Concen: 2.030 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW009107.D

Acq: 12 Mar 2019 02:11

Instrument :

MSVOA_W

ClientSampleId :

SUP-7B-G-1-031119

Tgt Ion: 43 Resp: 420

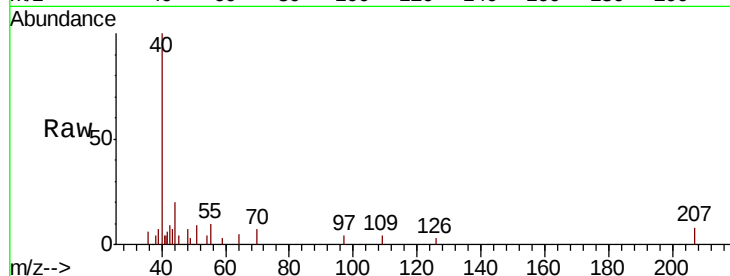
Ion Ratio Lower Upper

43 100

70 37.4 30.8 46.2

55 28.6 17.8 26.8#

61 7.1 17.4 26.2#



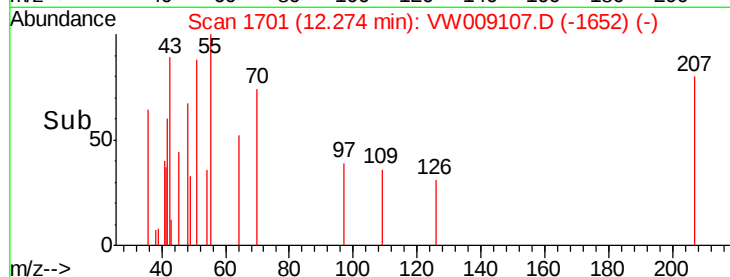
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

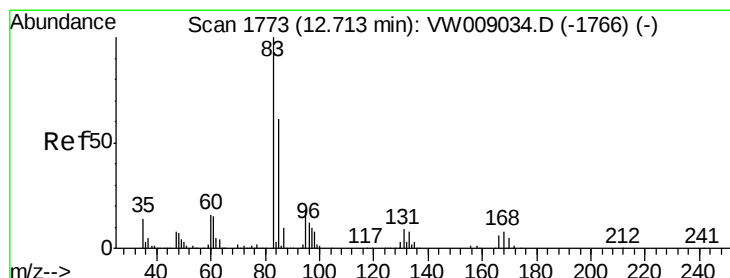
Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

Time-->



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 1.240 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW009107.D

Acq: 12 Mar 2019 02:11

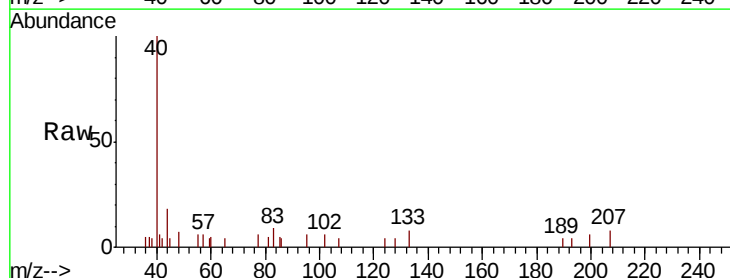
Tgt Ion: 83 Resp: 171

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.7#

85 27.5 31.7 95.1#

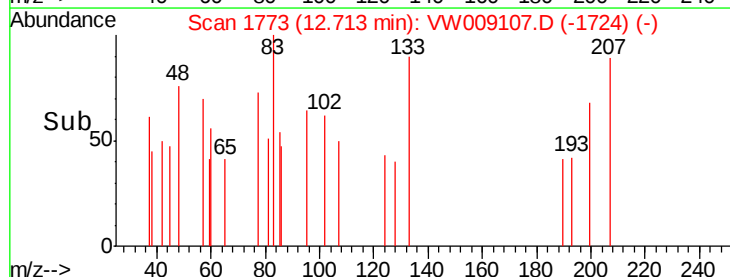


Abundance Ion 82.90 (82.60 to 83.60): VW

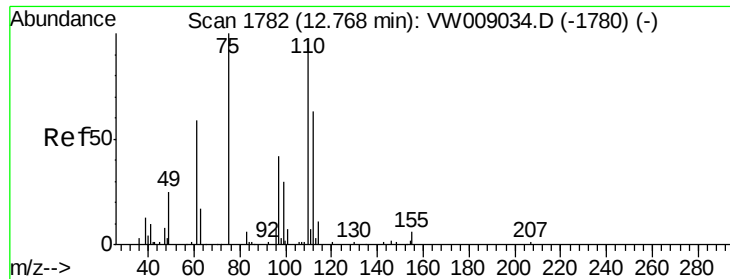
Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 73.396 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW009107.D

Acq: 12 Mar 2019 02:11

Instrument :

MSVOA_W

ClientSampleId :

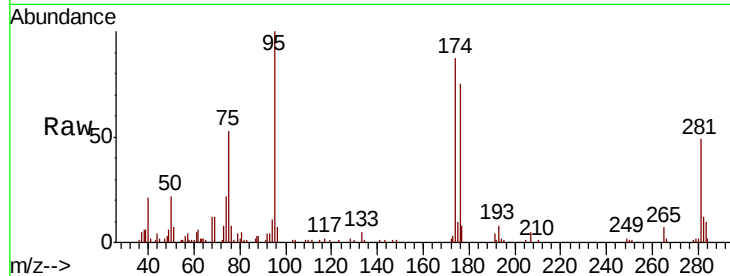
SUP-7B-G-1-031119

Tgt Ion: 75 Resp: 7077

Ion Ratio Lower Upper

75 100

77 3.0 186.7 560.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

5000

4000

3000

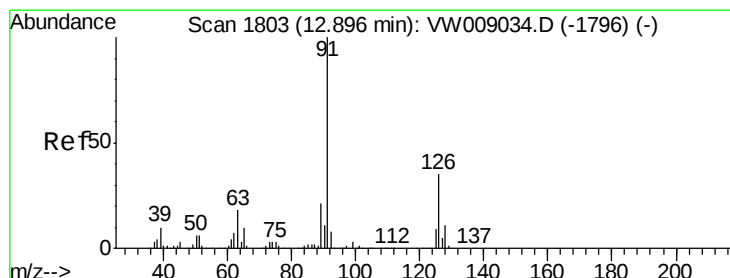
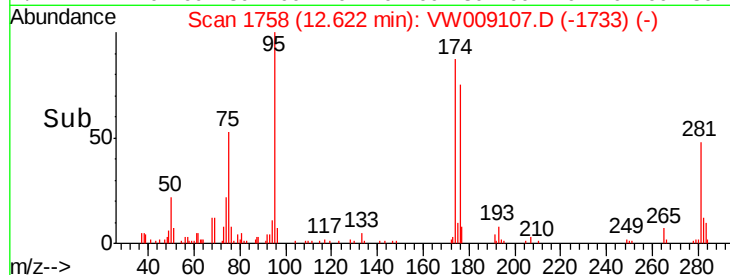
2000

1000

0

Time-->

12.55 12.60 12.65 12.70



#79

2-Chlorotoluene

Concen: 1.430 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW009107.D

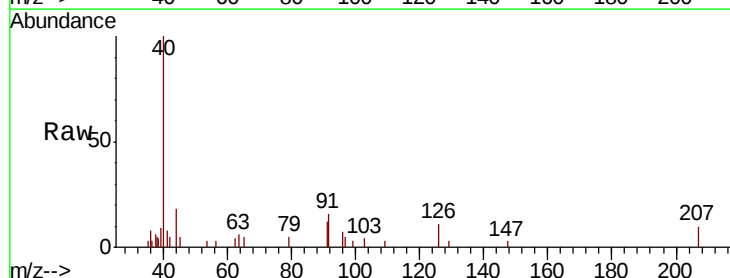
Acq: 12 Mar 2019 02:11

Tgt Ion: 91 Resp: 865

Ion Ratio Lower Upper

91 100

126 21.2 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

600

500

400

300

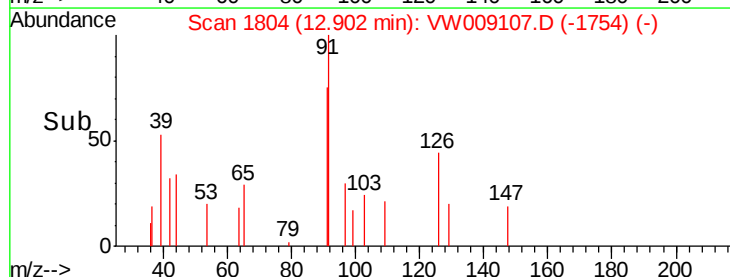
200

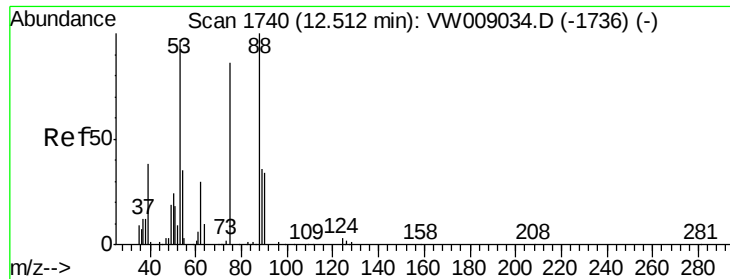
100

0

Time-->

12.85 12.90 12.95





#81

trans-1,4-Dichloro-2-butene

Concen: 164.168 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW009107.D

Acq: 12 Mar 2019 02:11

Instrument :

MSVOA_W

ClientSampleId :

SUP-7B-G-1-031119

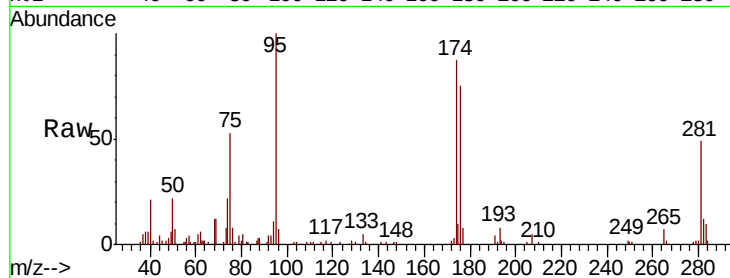
Tgt Ion: 75 Resp: 7077

Ion Ratio Lower Upper

75 100

53 1.6 90.5 135.7#

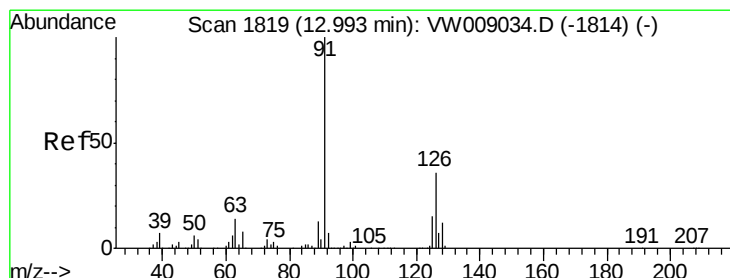
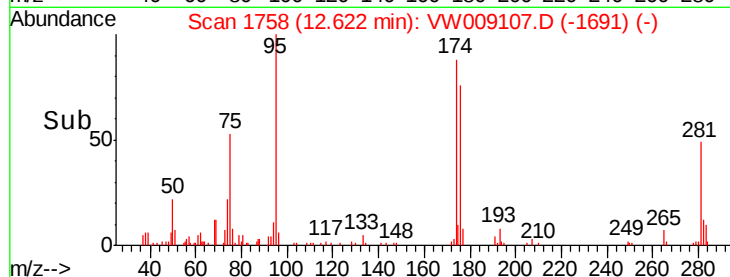
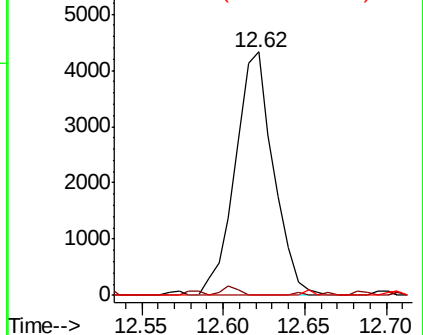
89 0.0 37.5 56.3#



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



#82

4-Chlorotoluene

Concen: 1.429 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW009107.D

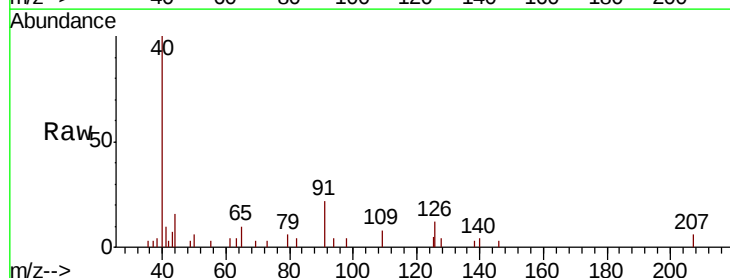
Acq: 12 Mar 2019 02:11

Tgt Ion: 91 Resp: 921

Ion Ratio Lower Upper

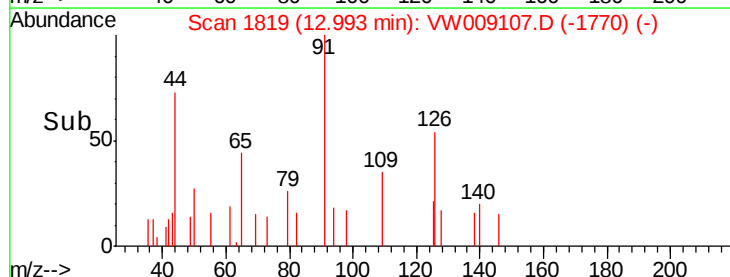
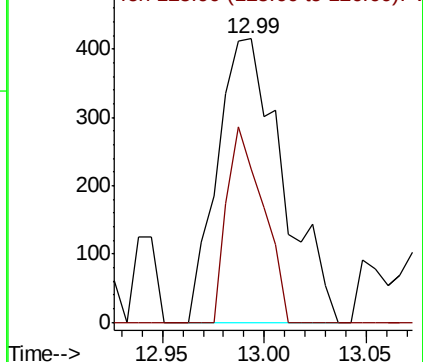
91 100

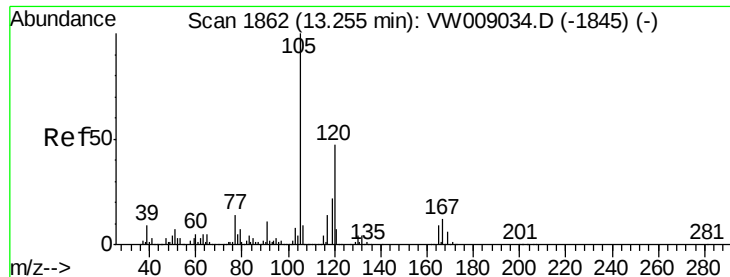
126 38.3 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

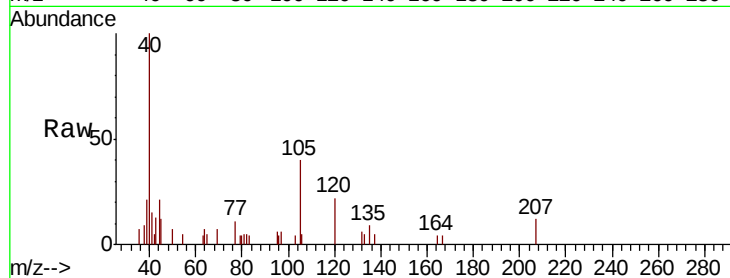




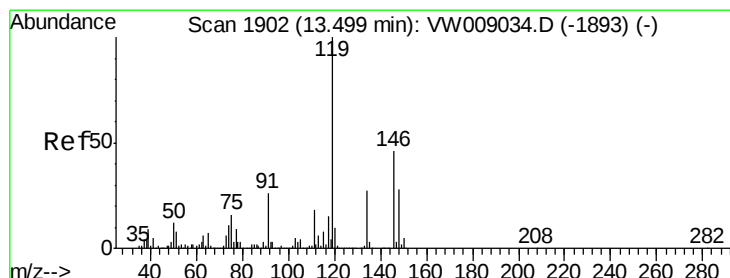
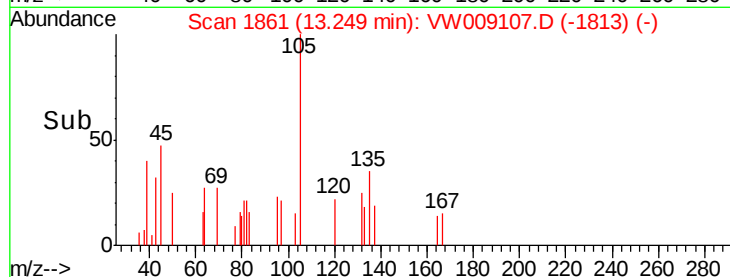
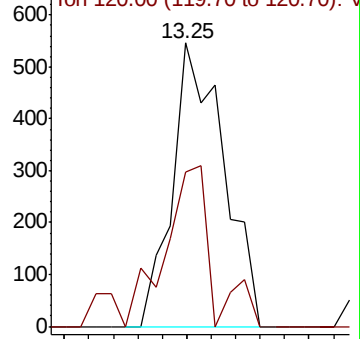
#84
 1,2,4-Trimethylbenzene
 Concen: 1.047 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW009107.D
 Acq: 12 Mar 2019 02:11

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-7B-G-1-031119

Tgt Ion:105 Resp: 798
 Ion Ratio Lower Upper
 105 100
 120 51.4 22.8 68.4

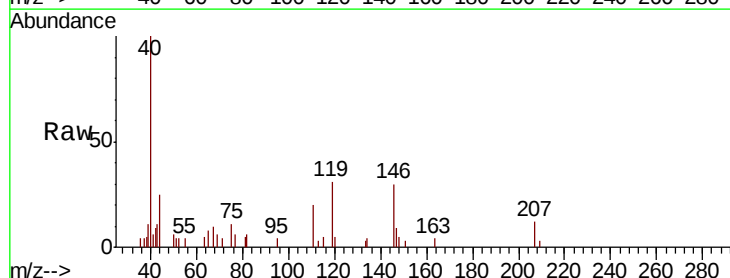


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

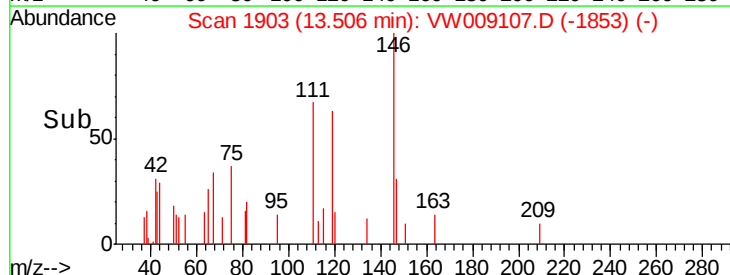
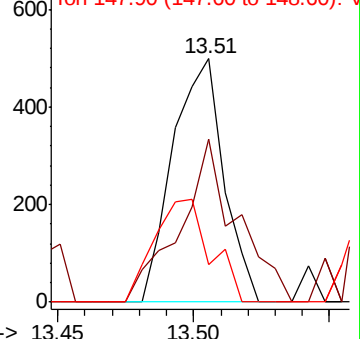


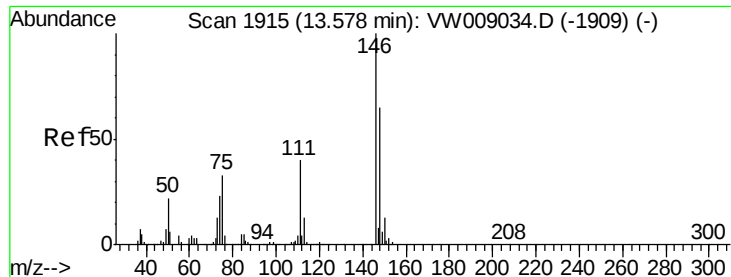
#87
 1,3-Dichlorobenzene
 Concen: 1.539 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW009107.D
 Acq: 12 Mar 2019 02:11

Tgt Ion:146 Resp: 646
 Ion Ratio Lower Upper
 146 100
 111 74.6 19.8 59.4#
 148 46.7 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

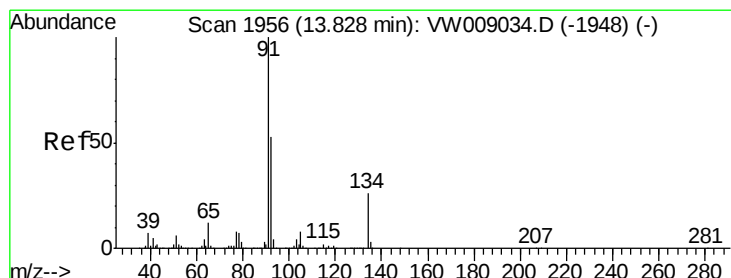
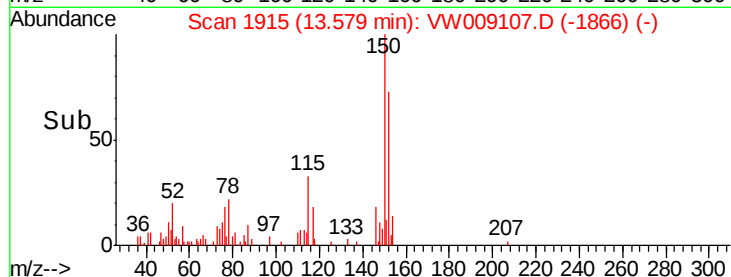
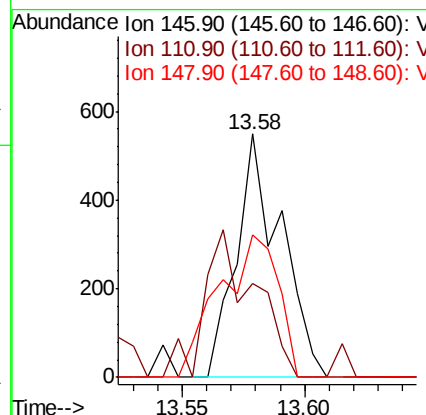
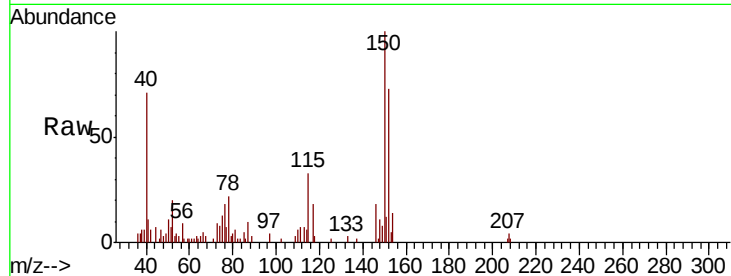




#88
 1,4-Dichlorobenzene
 Concen: 1.671 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW009107.D
 Acq: 12 Mar 2019 02:11

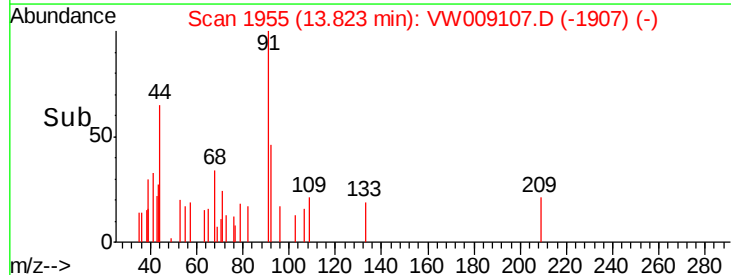
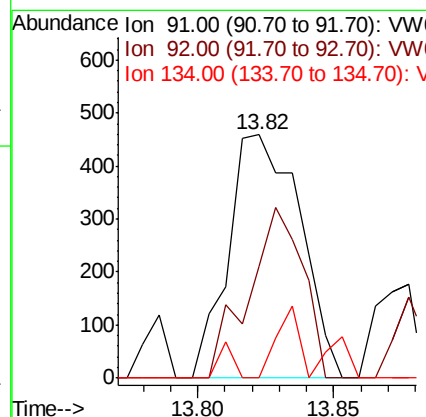
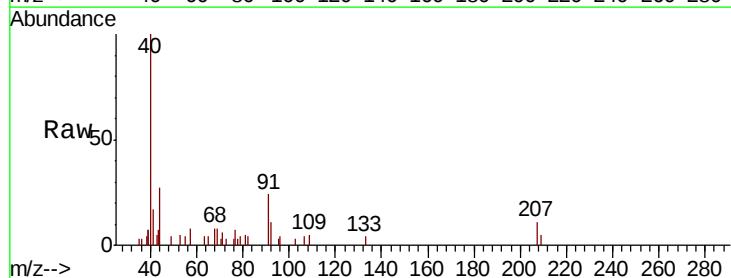
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-7B-G-1-031119

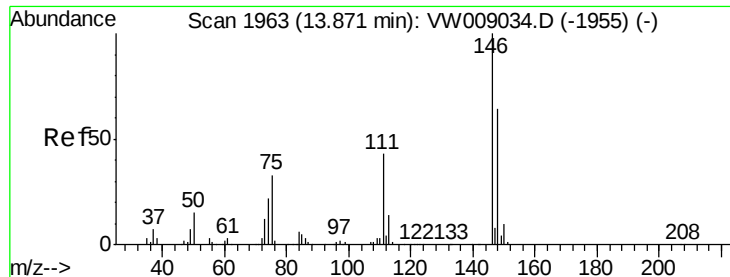
Tgt Ion: 146 Resp: 693
 Ion Ratio Lower Upper
 146 100
 111 68.4 19.7 59.0#
 148 77.3 32.2 96.6



#89
 n-Butylbenzene
 Concen: 1.048 ug/l
 RT: 13.82 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: VW009107.D
 Acq: 12 Mar 2019 02:11

Tgt Ion: 91 Resp: 839
 Ion Ratio Lower Upper
 91 100
 92 53.2 26.8 80.3
 134 11.3 12.9 38.7#

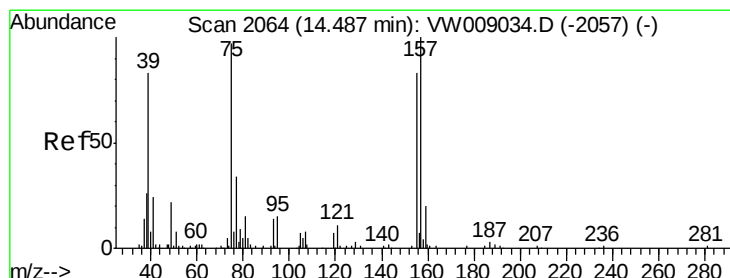
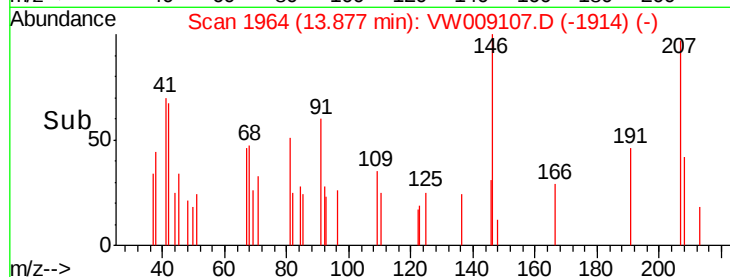
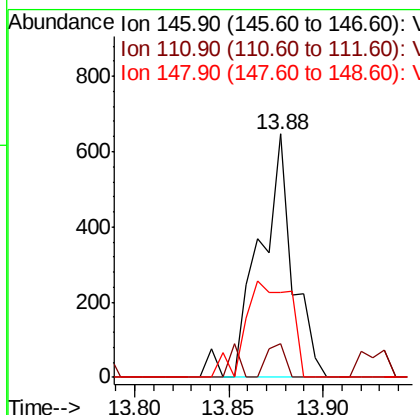
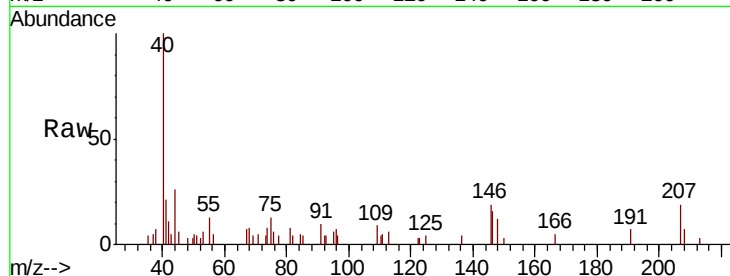




#91
 1,2-Dichlorobenzene
 Concen: 2.142 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW009107.D
 Acq: 12 Mar 2019 02:11

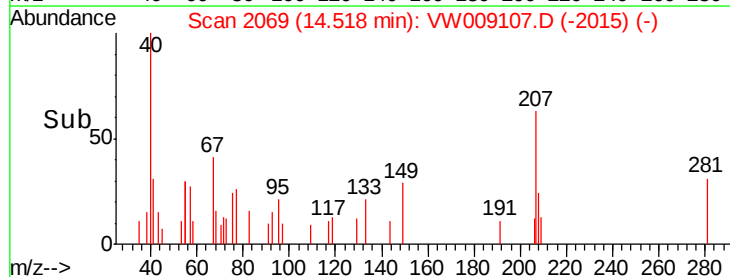
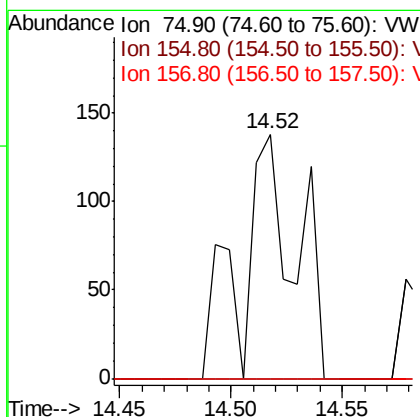
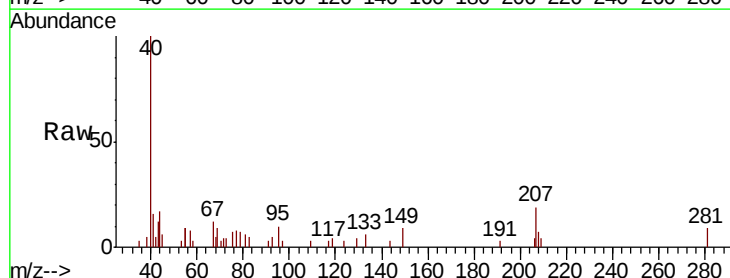
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-7B-G-1-031119

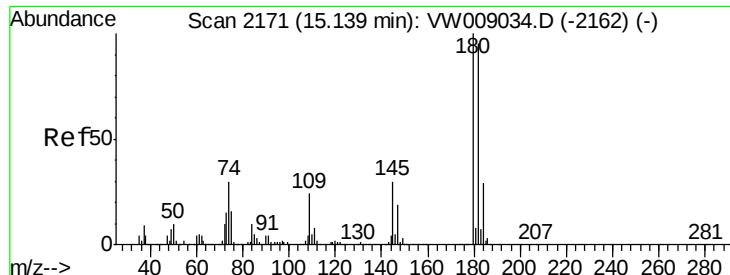
Tgt Ion: 146 Resp: 793
 Ion Ratio Lower Upper
 146 100
 111 7.7 21.1 63.1#
 148 53.7 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.490 ug/l
 RT: 14.52 min Scan# 2069
 Delta R.T. 0.03 min
 Lab File: VW009107.D
 Acq: 12 Mar 2019 02:11

Tgt Ion: 75 Resp: 233
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.8 122.4#
 157 0.0 52.4 157.3#

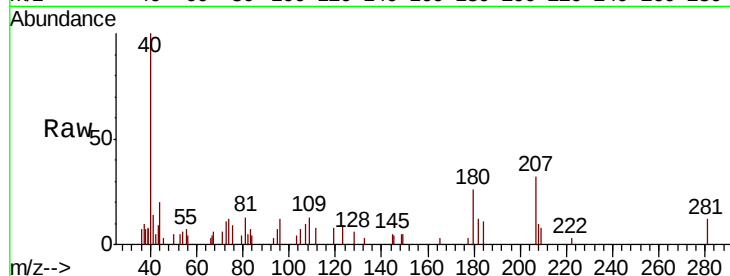




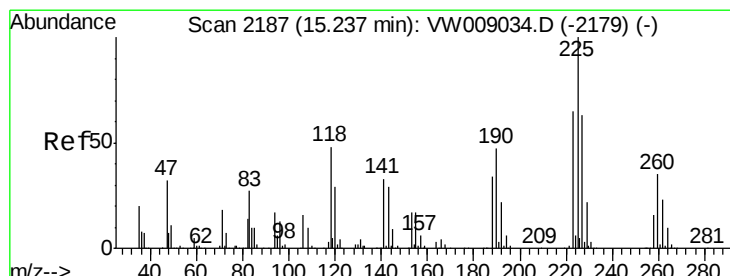
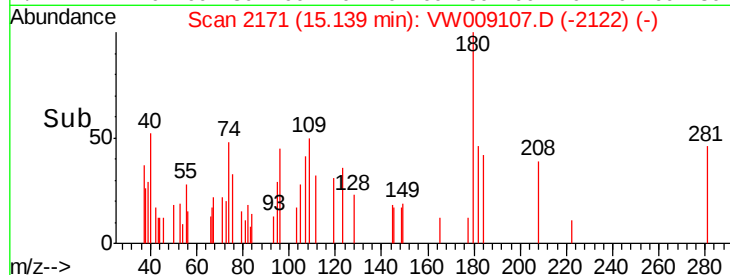
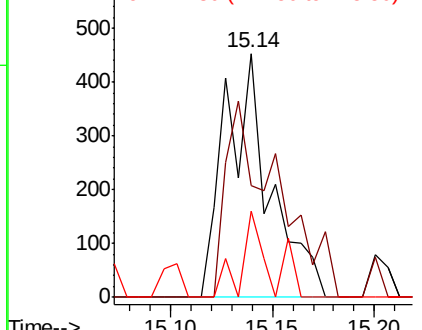
#93
 1,2,4-Trichlorobenzene
 Concen: 2.767 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW009107.D
 Acq: 12 Mar 2019 02:11

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-7B-G-1-031119

Tgt Ion:180 Resp: 692
 Ion Ratio Lower Upper
 180 100
 182 92.8 48.1 144.3
 145 15.9 15.4 46.1

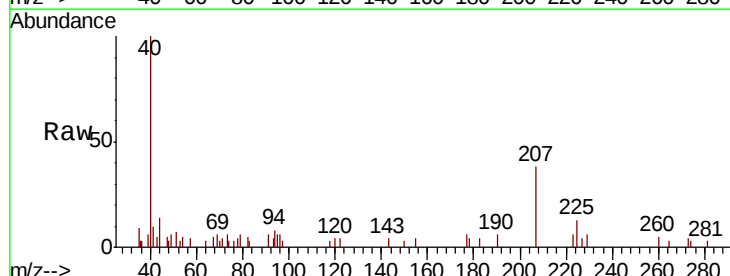


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

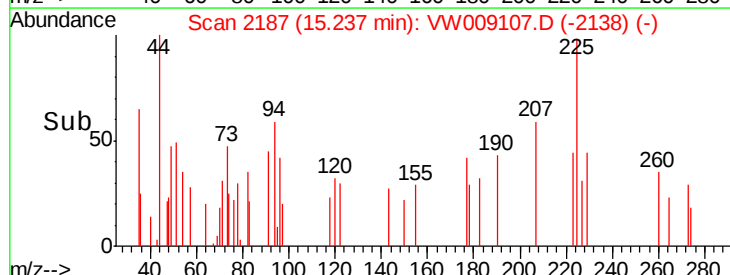
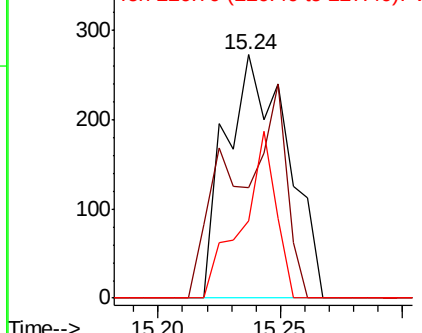


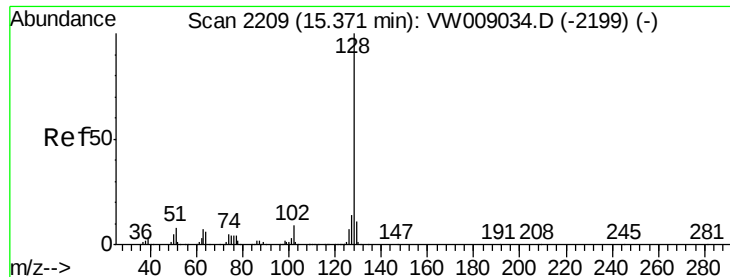
#94
 Hexachlorobutadiene
 Concen: 3.071 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW009107.D
 Acq: 12 Mar 2019 02:11

Tgt Ion:225 Resp: 481
 Ion Ratio Lower Upper
 225 100
 223 73.4 31.6 94.8
 227 37.4 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

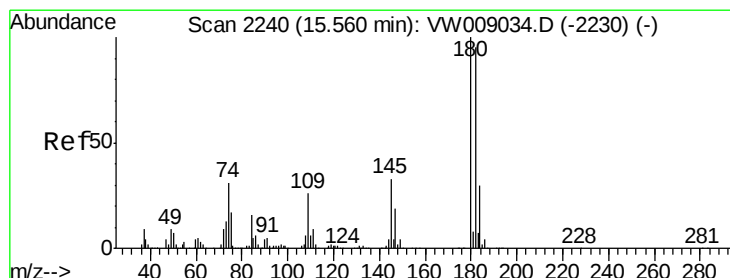
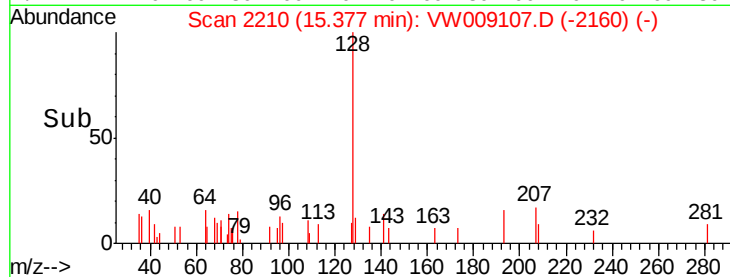
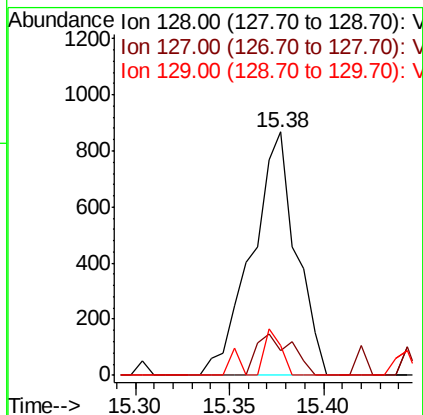
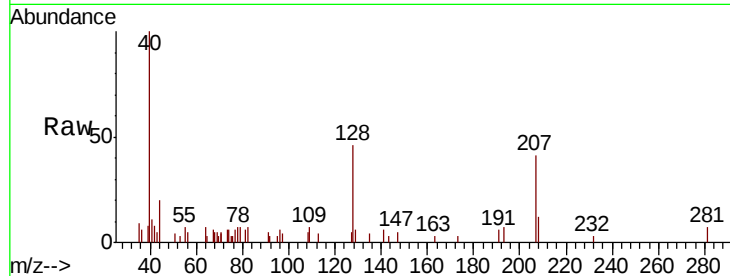




#95
Naphthalene
Concen: 3.459 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW009107.D
Acq: 12 Mar 2019 02:11

Instrument :
MSVOA_W
ClientSampleId :
SUP-7B-G-1-031119

Tgt Ion:128 Resp: 1416
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.6
129 6.9 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 3.325 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW009107.D
Acq: 12 Mar 2019 02:11

Tgt Ion:180 Resp: 731
Ion Ratio Lower Upper
180 100
182 107.1 48.1 144.3
145 5.2 15.8 47.3#

