

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031919\
 Data File : VW009264.D
 Acq On : 20 Mar 2019 03:46
 Operator : SY/VA
 Sample : K1984-01
 Misc : 4.79G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12(7-8)

Quant Time: Mar 20 08:22:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 07:22:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	313214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	509296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	515707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	460539	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	196244	58.90	ug/l	0.00
Spiked Amount			Recovery	=	117.80%	
35) Dibromofluoromethane	7.88	113	166594	51.57	ug/l	0.00
Spiked Amount			Recovery	=	103.14%	
50) Toluene-d8	10.32	98	826071	70.36	ug/l	0.00
Spiked Amount			Recovery	=	140.72%	
62) 4-Bromofluorobenzene	12.62	95	1542597	357.85	ug/l	0.00
Spiked Amount			Recovery	=	715.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	1749	Below Cal		87
11) Tert butyl alcohol	5.17	59	305	1.577	ug/l #	70
13) Acrolein	3.89	56	273	1.729	ug/l	98
14) Allyl chloride	4.89	41	47457	10.769	ug/l #	58
15) Acrylonitrile	5.42	53	6055	9.151	ug/l #	42
16) Acetone	4.12	43	46661	68.265	ug/l #	74
18) Methyl Acetate	4.89	43	101568	57.899	ug/l #	54
20) Methylene Chloride	4.92	84	7141	Below Cal	#	59
25) 2-Butanone	7.17	43	136210	139.073	ug/l #	56
29) Tetrahydrofuran	7.53	42	651	1.046	ug/l #	36
31) Cyclohexane	7.95	56	73374	13.423	ug/l #	93
36) 1,1-Dichloropropene	7.95	75	25295	4.991	ug/l #	57
37) Ethyl Acetate	7.17	43	136210	58.899	ug/l #	74
38) Carbon Tetrachloride	7.95	117	31792	5.928	ug/l #	16
39) Methylcyclohexane	9.30	83	935772	159.593	ug/l #	16
41) Methacrylonitrile	7.70	41	68427	54.899	ug/l #	51
43) Isopropyl Acetate	8.41	43	191515	41.357	ug/l #	54
45) 1,2-Dichloropropane	9.30	63	19578	5.604	ug/l #	1
47) Bromodichloromethane	9.62	83	29818	6.142	ug/l #	77
48) Methyl methacrylate	9.47	41	162398	75.747	ug/l #	33
49) 1,4-Dioxane	9.39	88	38	1.275	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	27362	11.338	ug/l #	39
55) 1,1,2-Trichloroethane	10.76	97	930726	357.775	ug/l #	29
56) Ethyl methacrylate	10.66	69	365294	117.926	ug/l #	2
58) 2-Chloroethyl Vinyl ether	9.85	63	4428	4.885	ug/l #	46
59) 2-Hexanone	10.93	43	1271596	776.102	ug/l #	36
61) 1,2-Dibromoethane	11.24	107	16739	6.756	ug/l #	3
67) Ethyl Benzene	11.73	91	26303	1.424	ug/l #	48
68) m/p-Xylenes	11.82	106	11746	1.640	ug/l #	1
74) N-amyl acetate	12.25	43	1501099	186.949	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.69	83	624482	108.454	ug/l #	25
76) 1,2,3-Trichloropropane	12.62	75	136764	31.601	ug/l #	100
78) n-propylbenzene	12.83	91	47885	1.267	ug/l	93
79) 2-Chlorotoluene	12.69	91	157449	7.331	ug/l	93

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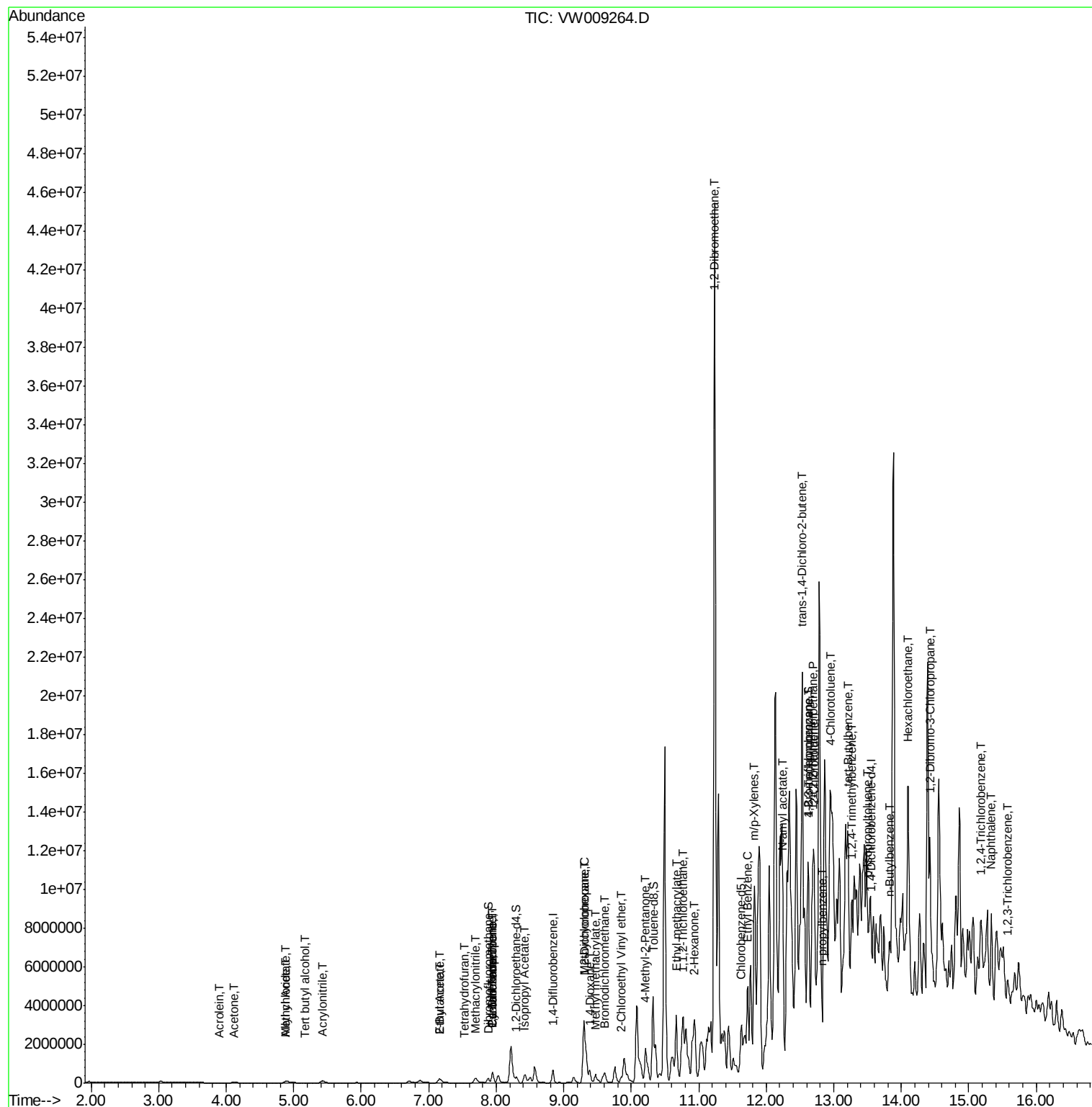
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.53	75	8387	4.755	ug/l #	1
82) 4-Chlorotoluene	12.96	91	97770	4.321	ug/l #	34
83) tert-Butylbenzene	13.21	119	596254	26.654	ug/l	88
84) 1,2,4-Trimethylbenzene	13.26	105	35116	1.309	ug/l	89
86) p-Isopropyltoluene	13.51	119	82485	2.802	ug/l #	75
89) n-Butylbenzene	13.83	91	48528	1.717	ug/l #	49
90) Hexachloroethane	14.10	117	326192	56.203	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.43	75	36851	35.742	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.18	180	25430	2.799	ug/l #	1
95) Naphthalene	15.33	128	23325	1.482	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.58	180	27573	3.399	ug/l #	13

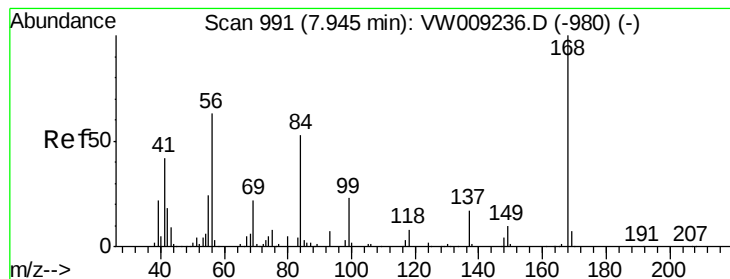
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW009264.D

Acq: 20 Mar 2019 03:46

Instrument :

MSVOA_W

ClientSampleId :

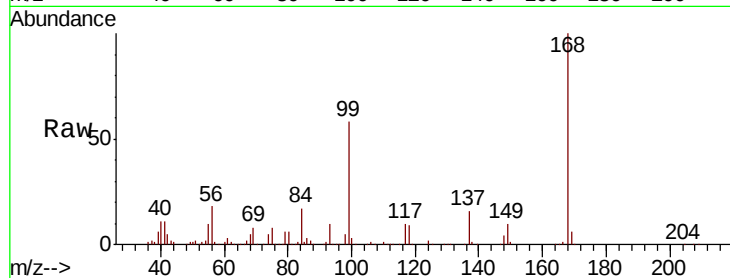
SB-12(7-8)

Tot Ion:168 Resp: 313214

Ion Ratio Lower Upper

168 100

99 58.0 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

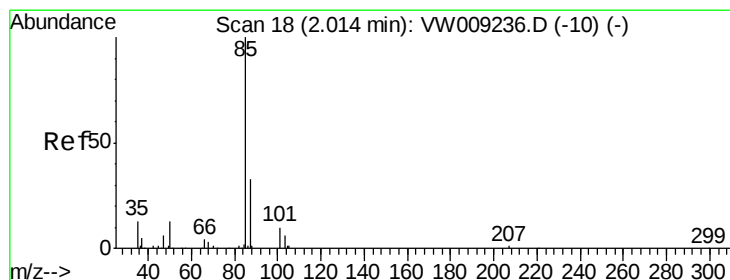
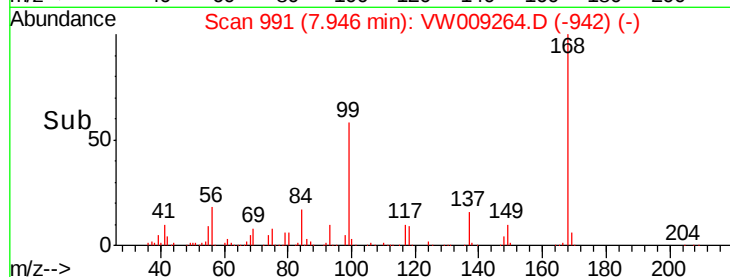
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW009264.D

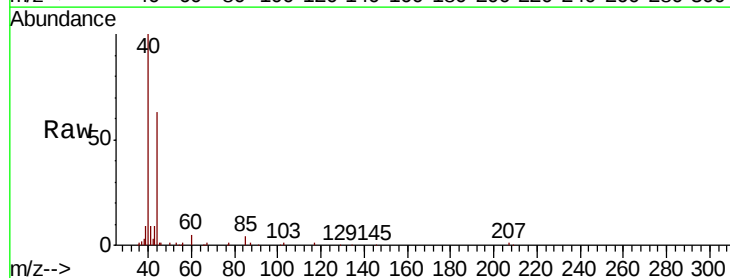
Acq: 20 Mar 2019 03:46

Tgt Ion: 85 Resp: 1749

Ion Ratio Lower Upper

85 100

87 25.9 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

800

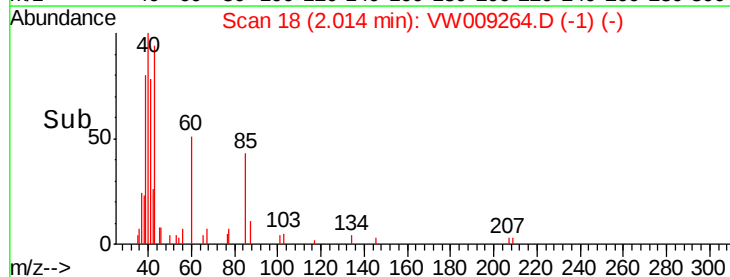
600

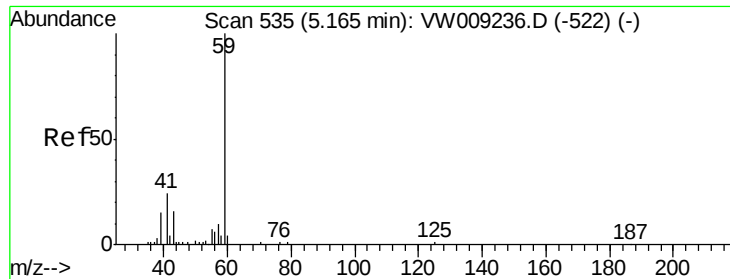
400

200

0

Time--> 1.95 2.00 2.05



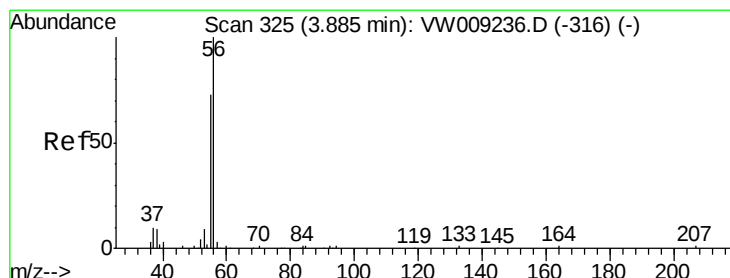
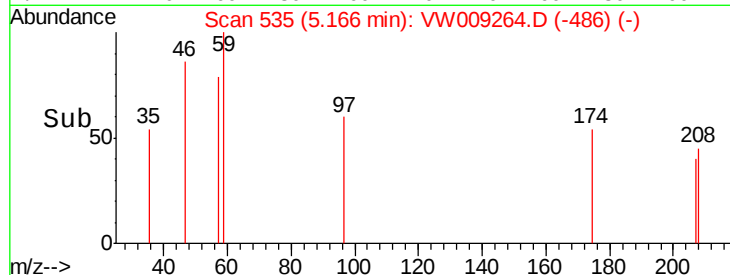
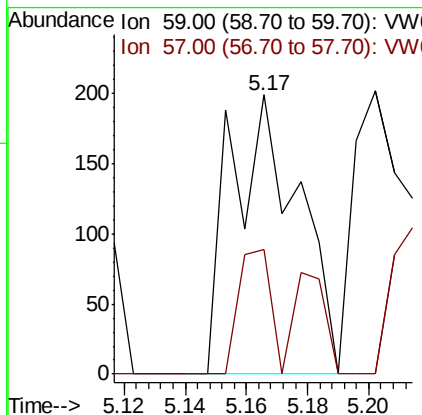
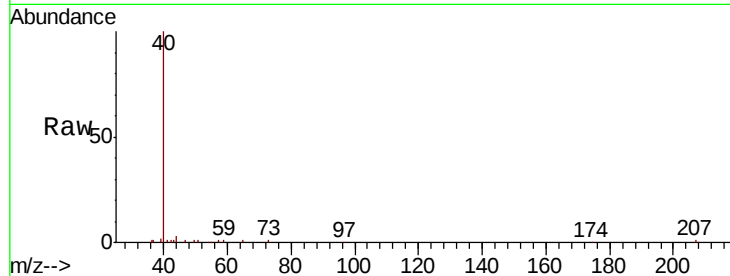


#11

Tert butyl alcohol
 Concen: 1.577 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: VW009264.D
 Acq: 20 Mar 2019 03:46

Instrument :
 MSVOA_W
 ClientSampleID :
 SB-12(7-8)

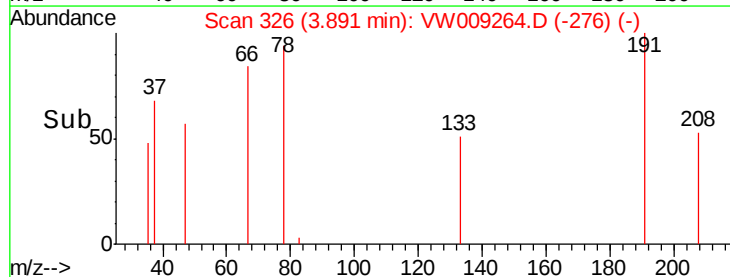
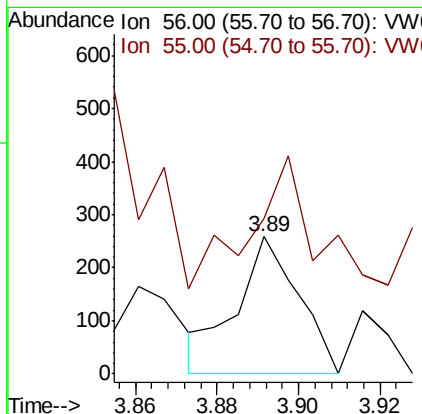
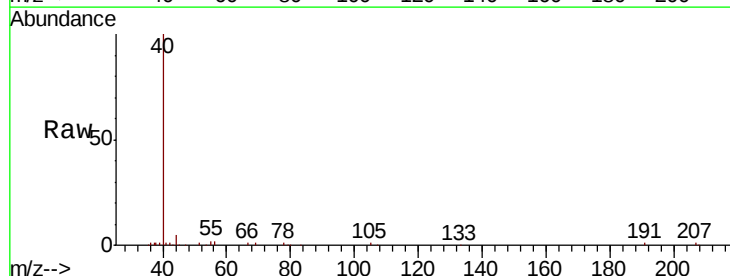
Tot Ion: 59 Resp: 305
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.4 14.0#

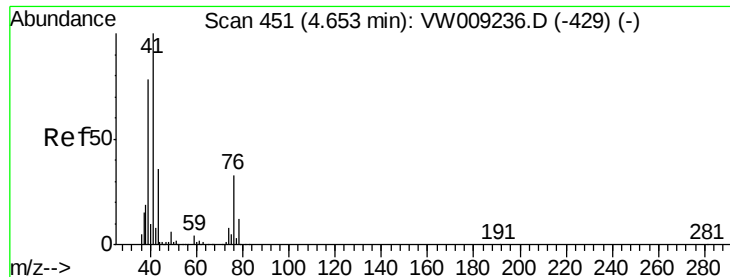


#13

Acrolein
 Concen: 1.729 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. 0.01 min
 Lab File: VW009264.D
 Acq: 20 Mar 2019 03:46

Tgt Ion: 56 Resp: 273
 Ion Ratio Lower Upper
 56 100
 55 70.3 55.2 82.8

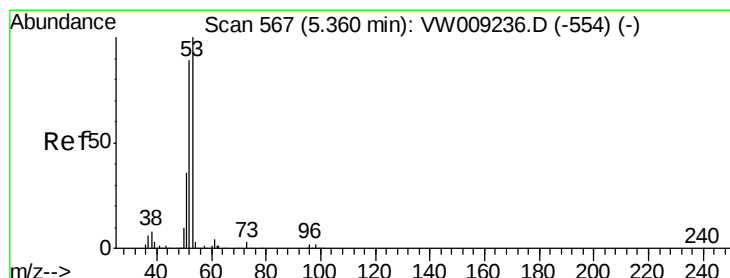
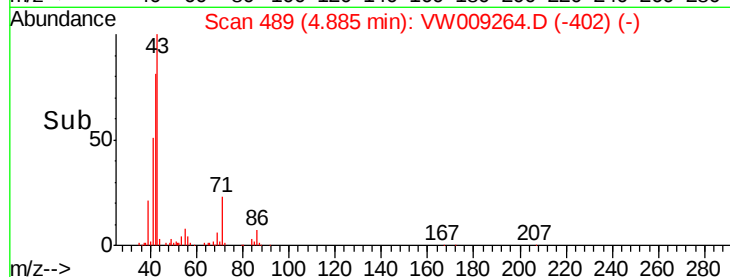
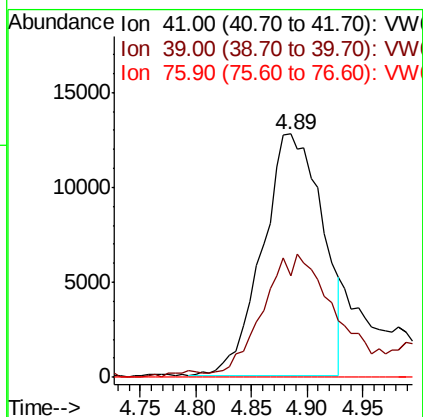
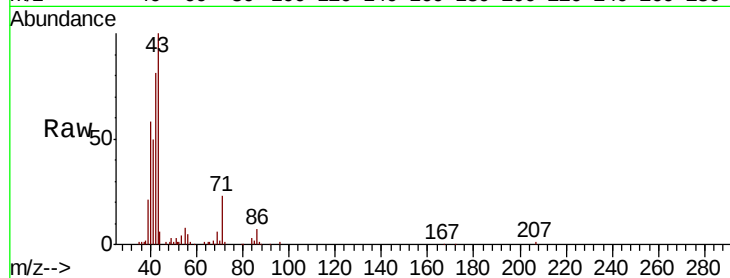




#14
Allvl chloride
Concen: 10.769 ug/l
RT: 4.89 min Scan# 489
Delta R.T. 0.23 min
Lab File: VW009264.D
Acq: 20 Mar 2019 03:46

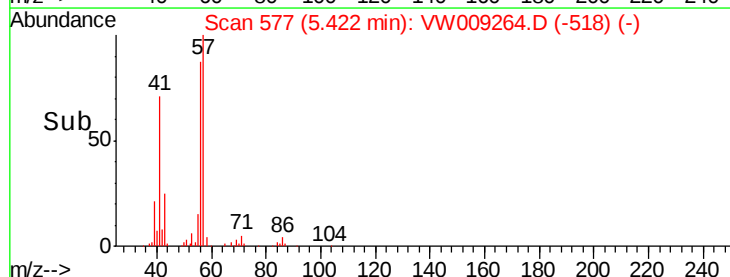
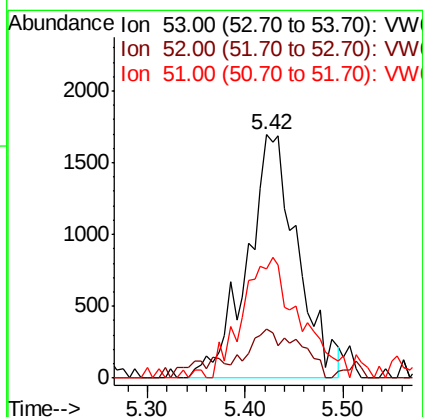
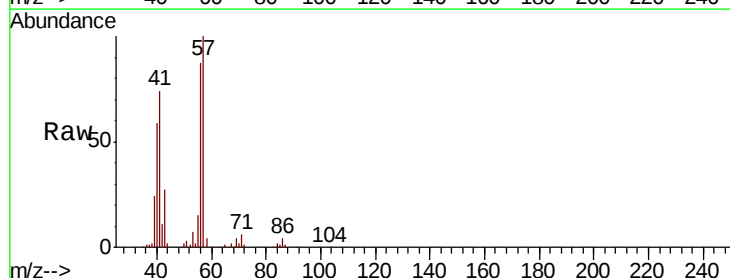
Instrument :
MSVOA_W
ClientSampleId :
SB-12(7-8)

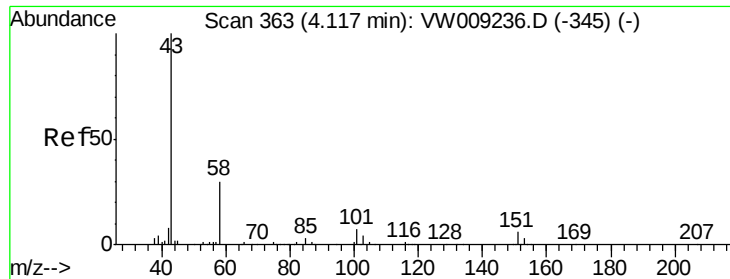
Tot Ion	Ratio	Lower	Upper
41	100		
39	49.8	63.8	95.6#
76	0.0	27.8	41.6#



#15
Acrylonitrile
Concen: 9.151 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.06 min
Lab File: VW009264.D
Acq: 20 Mar 2019 03:46

Tgt Ion	Ratio	Lower	Upper
53	100		
52	20.4	67.6	101.4#
51	56.2	30.6	45.8#

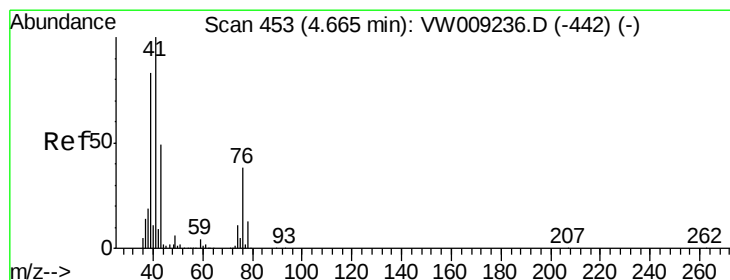
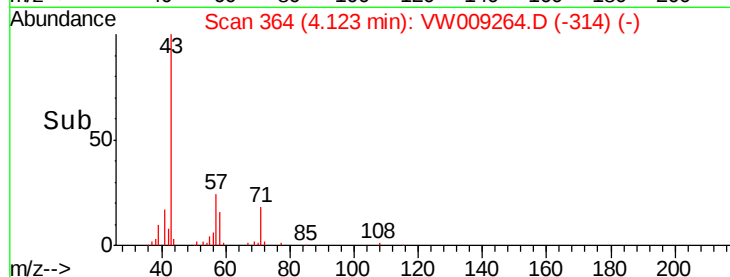
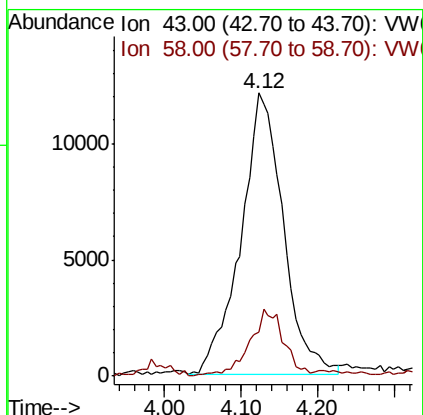
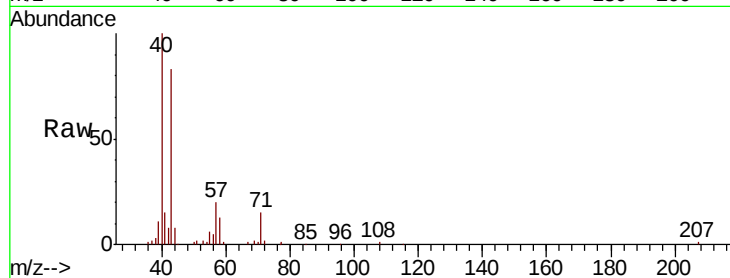




#16
Acetone
Concen: 68.265 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW009264.D
Acq: 20 Mar 2019 03:46

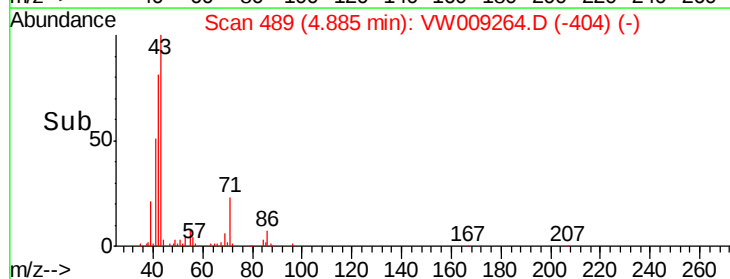
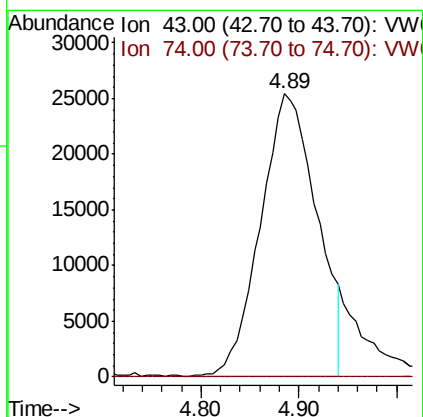
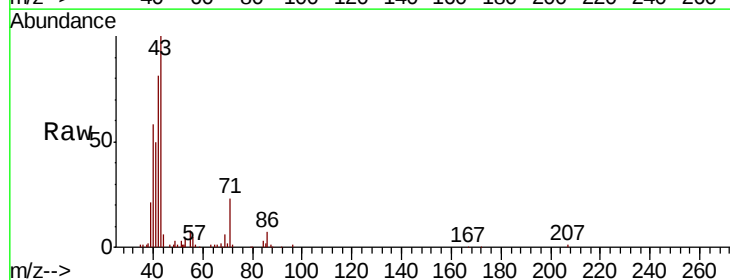
Instrument :
MSVOA_W
ClientSampleId :
SB-12(7-8)

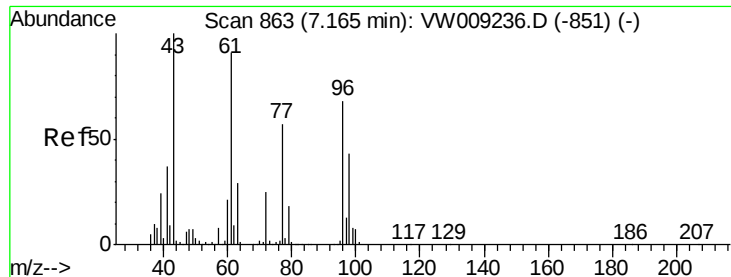
Tot Ion: 43 Resp: 46661
Ion Ratio Lower Upper
43 100
58 15.7 23.6 35.4#



#18
Methyl Acetate
Concen: 57.899 ug/l
RT: 4.89 min Scan# 489
Delta R.T. 0.22 min
Lab File: VW009264.D
Acq: 20 Mar 2019 03:46

Tgt Ion: 43 Resp: 101568
Ion Ratio Lower Upper
43 100
74 0.1 17.7 26.5#





#25

2-Butanone

Concen: 139.073 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW009264.D

Acq: 20 Mar 2019 03:46

Instrument :

MSVOA_W

ClientSampleId :

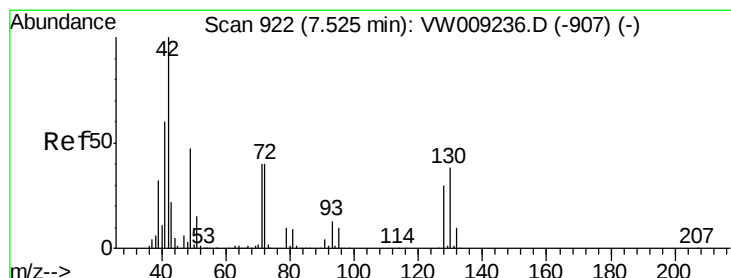
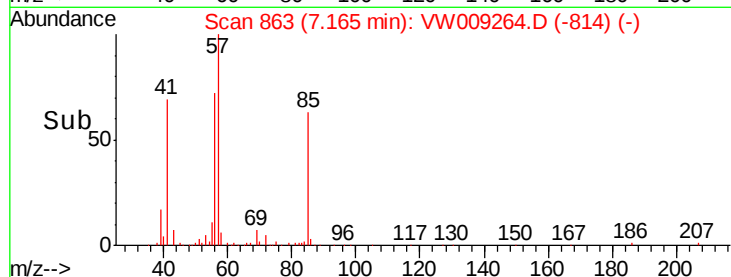
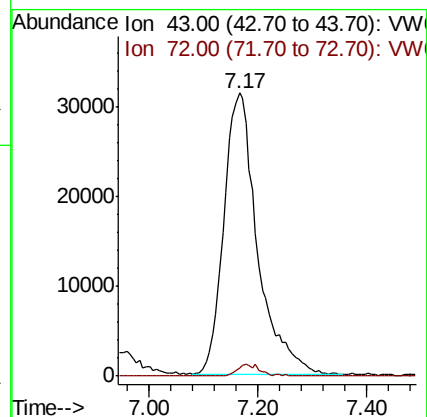
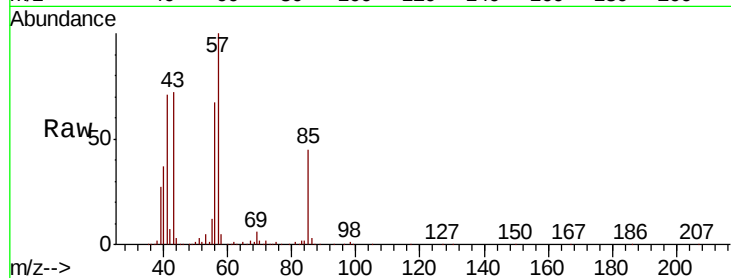
SB-12(7-8)

Tot Ion: 43 Resp: 136210

Ion Ratio Lower Upper

43 100

72 3.1 20.0 30.0#



#29

Tetrahydrofuran

Concen: 1.046 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.01 min

Lab File: VW009264.D

Acq: 20 Mar 2019 03:46

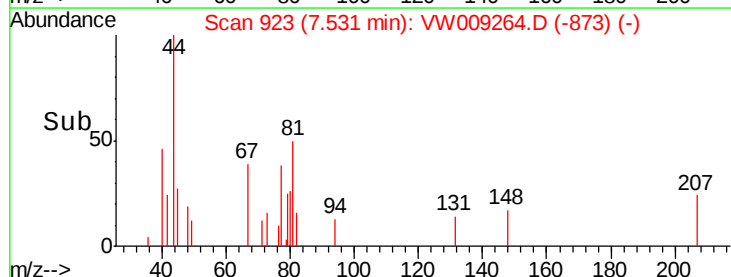
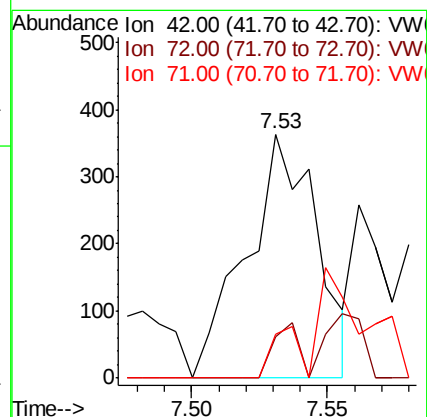
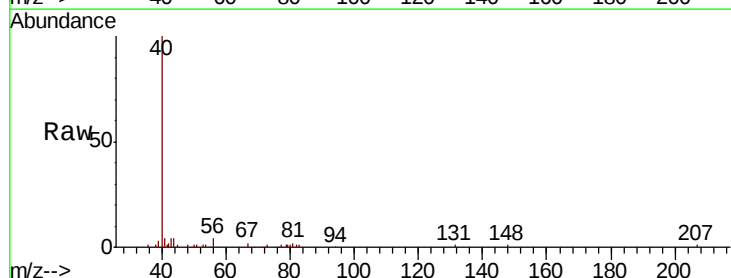
Tgt Ion: 42 Resp: 651

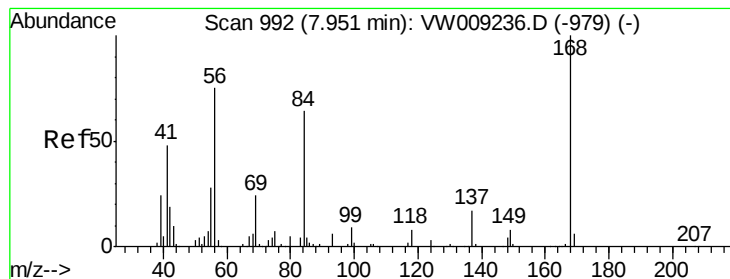
Ion Ratio Lower Upper

42 100

72 0.0 32.4 48.6#

71 0.0 30.1 45.1#





#31

Cyclohexane

Concen: 13.423 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009264.D

Acq: 20 Mar 2019 03:46

Instrument :

MSVOA_W

ClientSampleId :

SB-12(7-8)

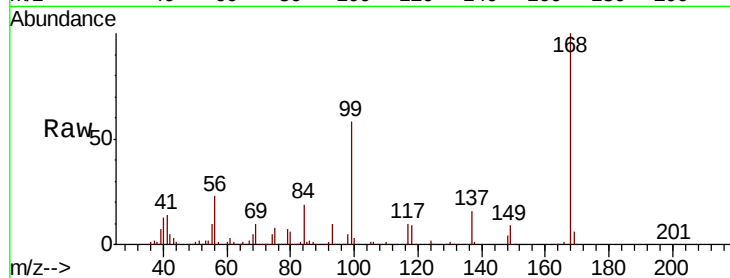
Tot Ion: 56 Resp: 73374

Ion Ratio Lower Upper

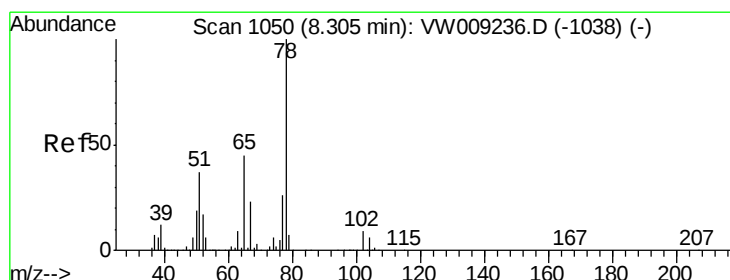
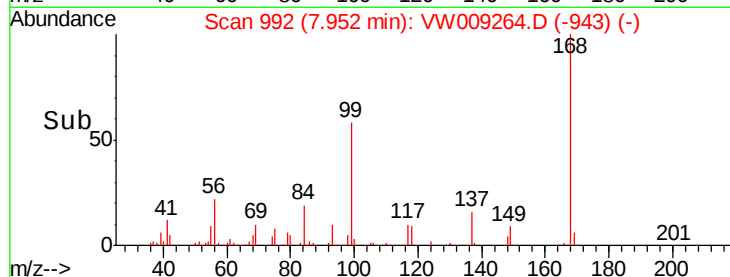
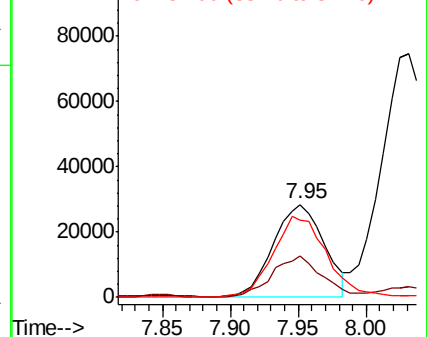
56 100

69 42.9 26.1 39.1#

84 83.3 68.6 103.0



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: 58.904 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW009264.D

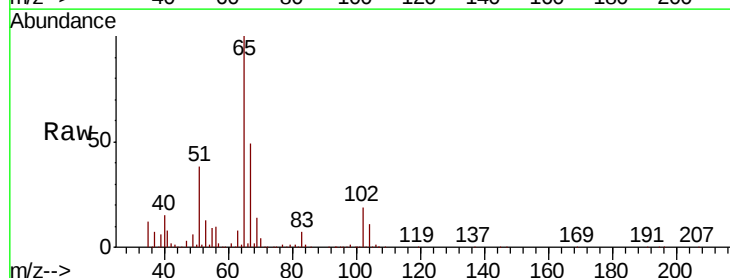
Acq: 20 Mar 2019 03:46

Tgt Ion: 65 Resp: 196244

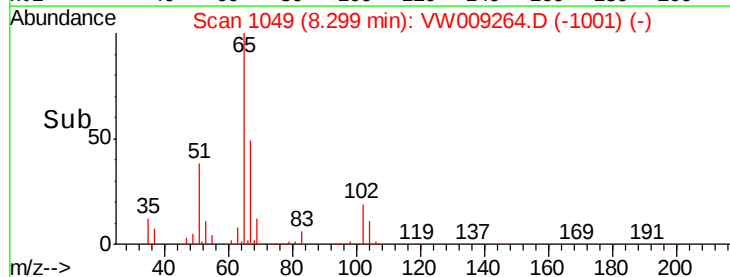
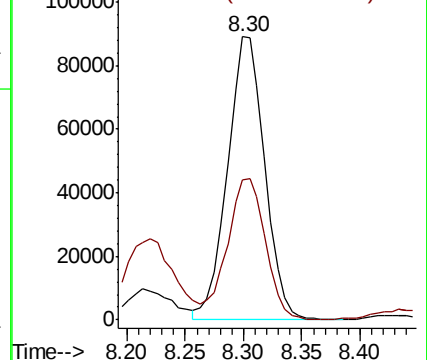
Ion Ratio Lower Upper

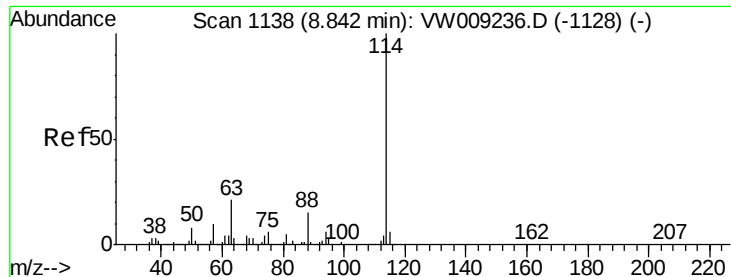
65 100

67 51.3 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

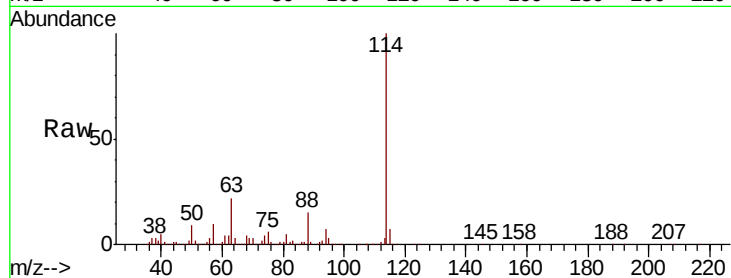




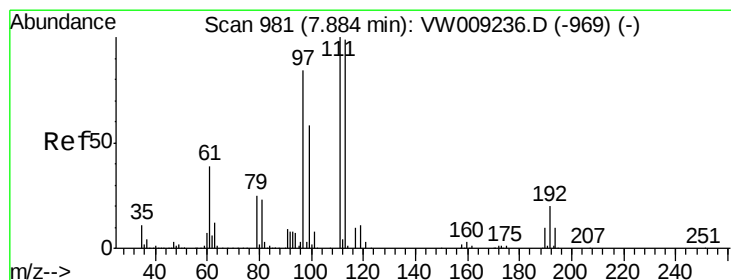
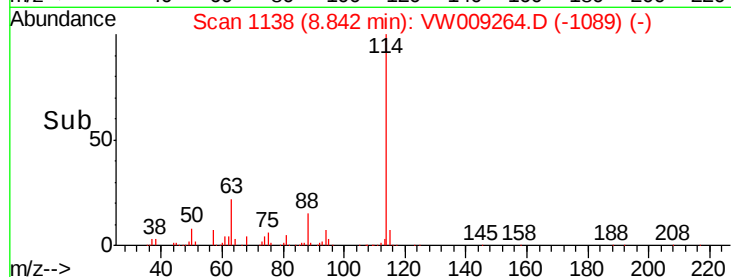
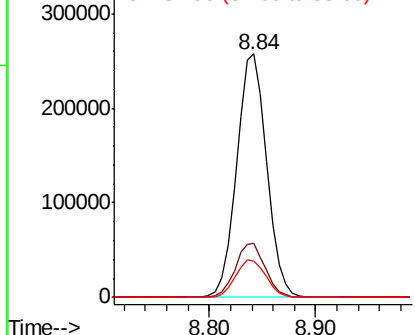
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW009264.D
Acq: 20 Mar 2019 03:46

Instrument :
MSVOA_W
ClientSampleId :
SB-12(7-8)

Tot Ion:114 Resp: 509296
Ion Ratio Lower Upper
114 100
63 22.3 0.0 42.2
88 15.1 0.0 30.8

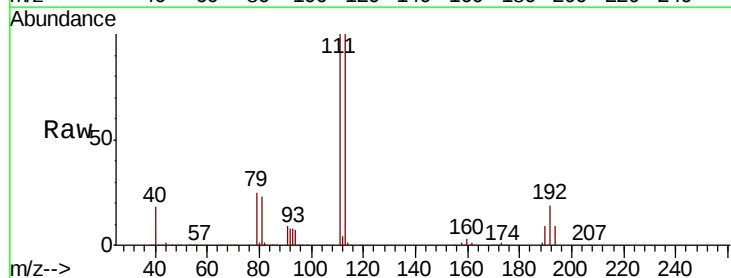


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

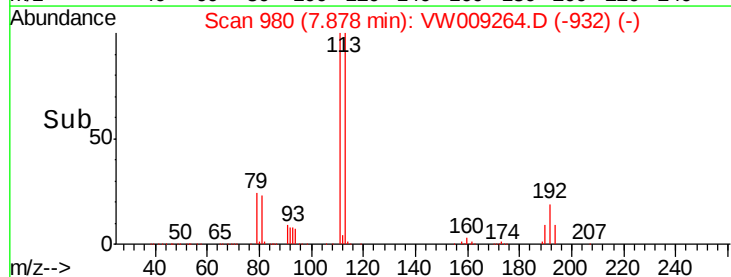
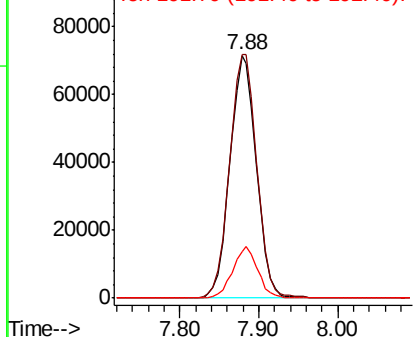


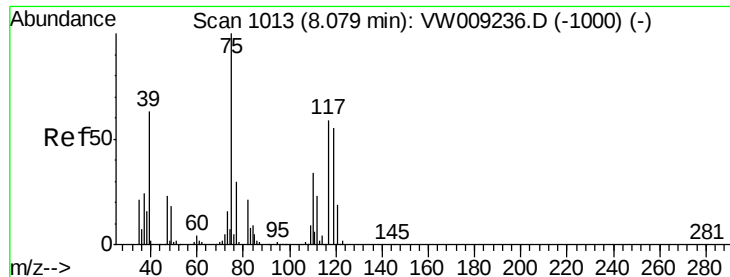
#35
Dibromofluoromethane
Concen: 51.566 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW009264.D
Acq: 20 Mar 2019 03:46

Tgt Ion:113 Resp: 166594
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 20.1 16.4 24.6



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: 4.991 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW009264.D

Acq: 20 Mar 2019 03:46

Instrument :

MSVOA_W

ClientSampleId :

SB-12(7-8)

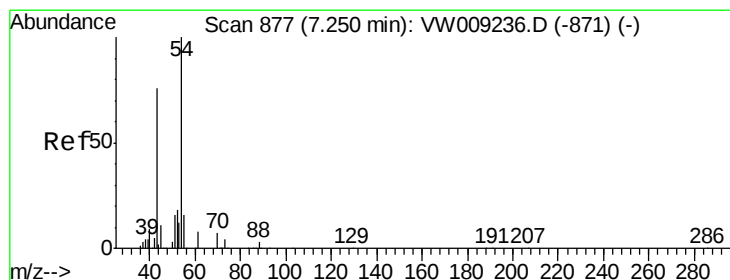
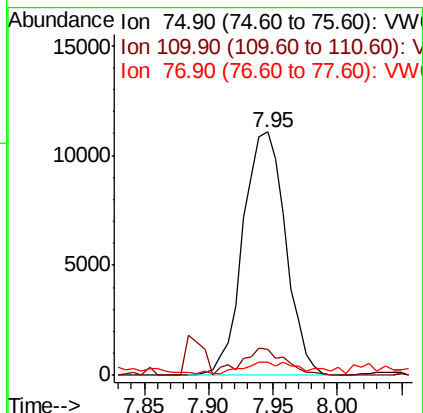
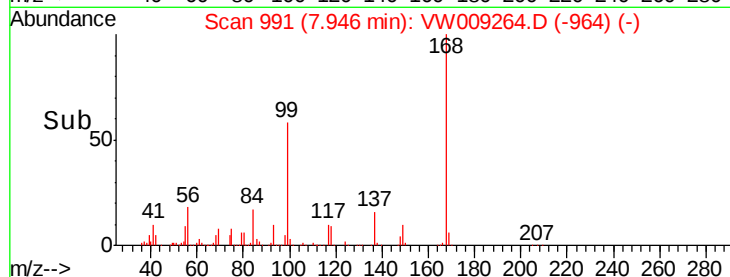
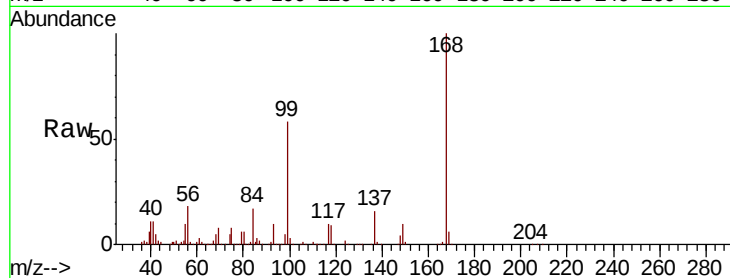
Tot Ion: 75 Resp: 25295

Ion Ratio Lower Upper

75 100

110 10.9 16.8 50.4#

77 5.7 24.6 36.8#



#37

Ethyl Acetate

Concen: 58.899 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.09 min

Lab File: VW009264.D

Acq: 20 Mar 2019 03:46

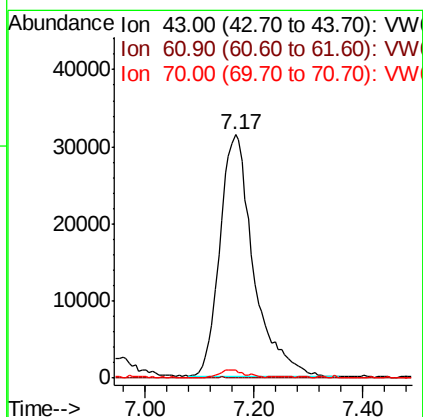
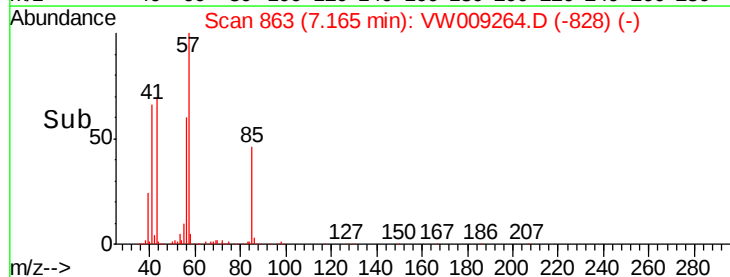
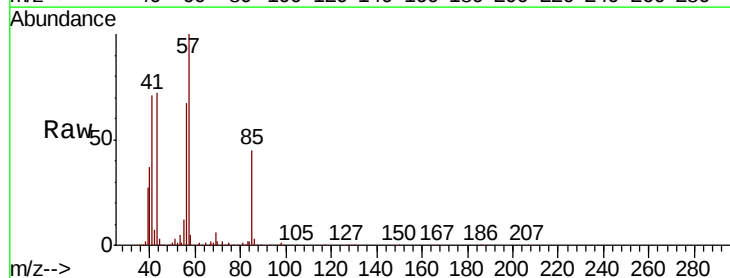
Tgt Ion: 43 Resp: 136210

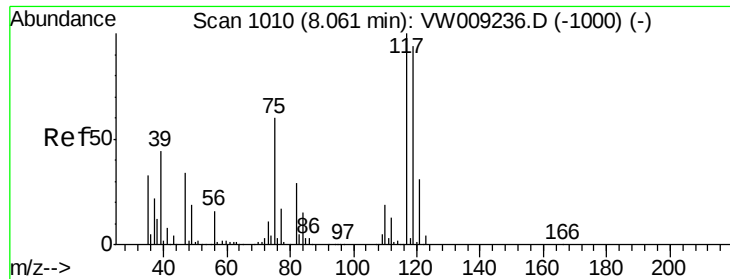
Ion Ratio Lower Upper

43 100

61 0.1 10.0 15.0#

70 2.6 7.3 10.9#





#38

Carbon Tetrachloride

Concen: 5.928 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW009264.D

Acq: 20 Mar 2019 03:46

Instrument :

MSVOA_W

ClientSampleId :

SB-12(7-8)

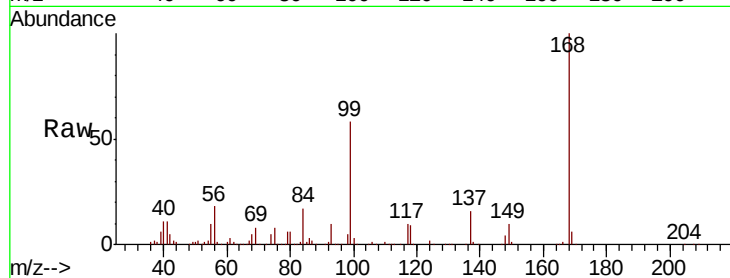
Tot Ion:117 Resp: 31792

Ion Ratio Lower Upper

117 100

119 3.9 75.4 113.0#

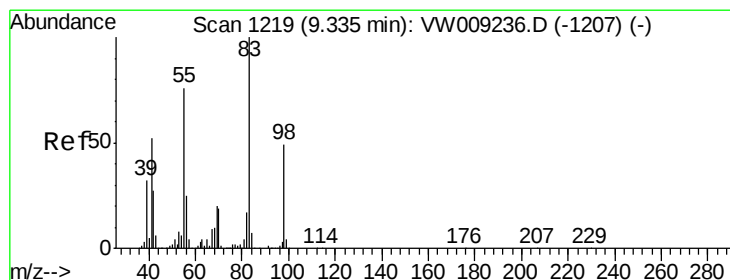
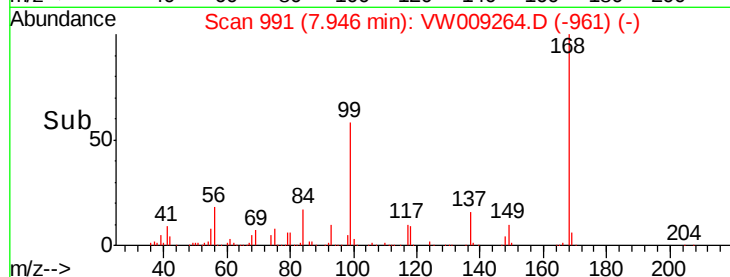
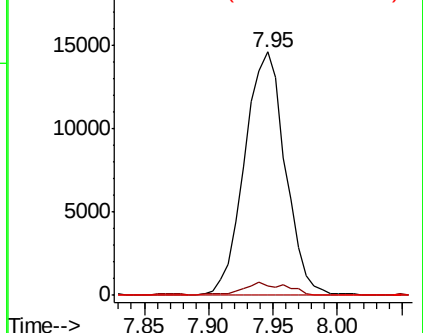
121 0.0 24.9 37.3#



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



#39

Methylcyclohexane

Concen: 159.593 ug/l

RT: 9.30 min Scan# 1213

Delta R.T. -0.04 min

Lab File: VW009264.D

Acq: 20 Mar 2019 03:46

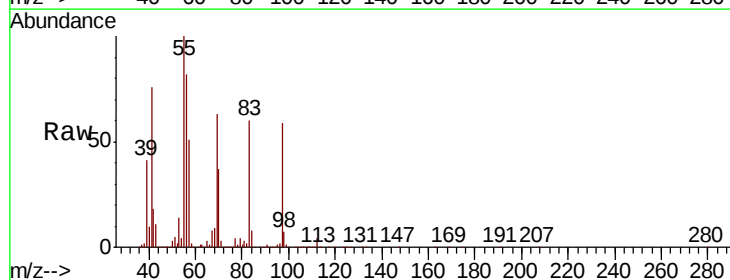
Tgt Ion: 83 Resp: 935772

Ion Ratio Lower Upper

83 100

55 165.5 61.1 91.7#

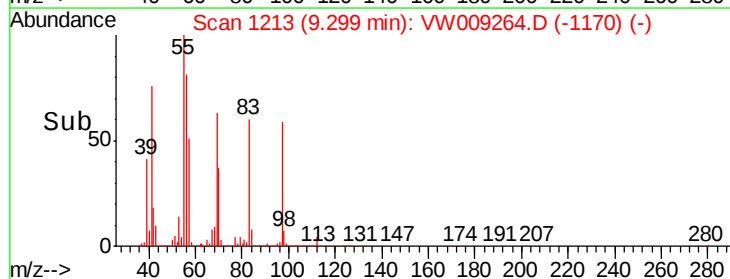
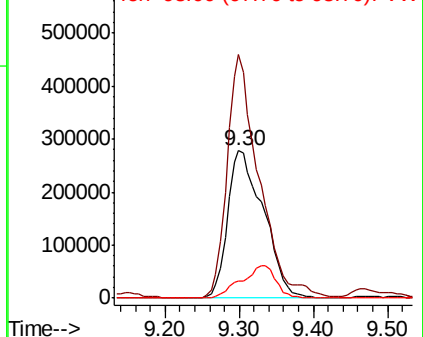
98 11.9 39.0 58.4#

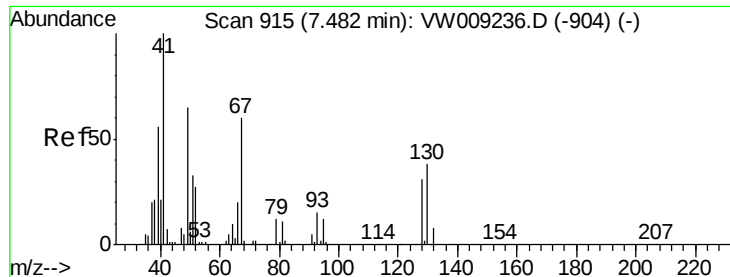


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

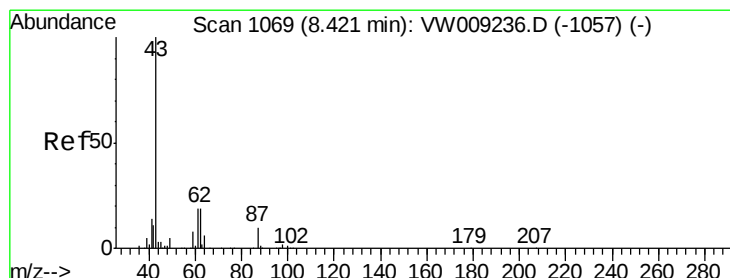
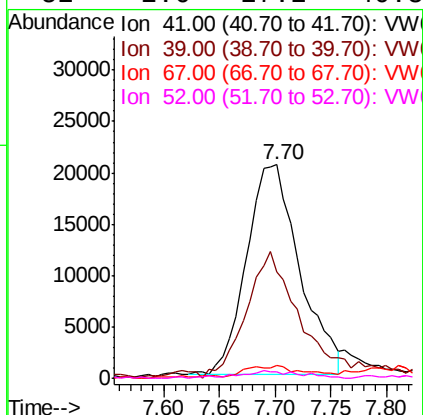
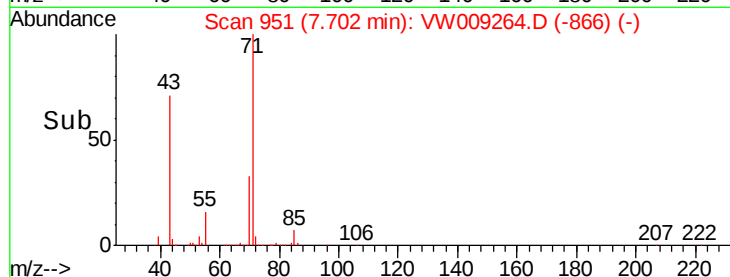
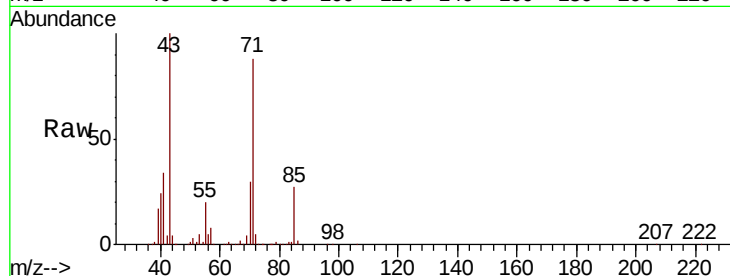




#41
Methacrylonitrile
Concen: 54.899 ug/l
RT: 7.70 min Scan# 951
Delta R.T. 0.22 min
Lab File: VW009264.D
Acq: 20 Mar 2019 03:46

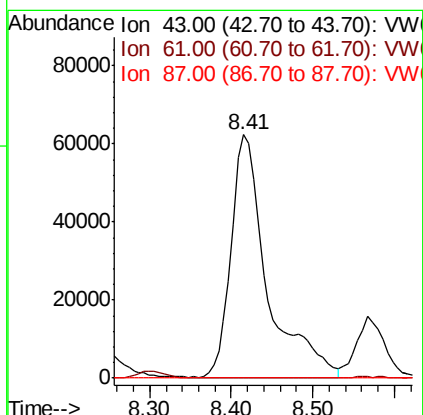
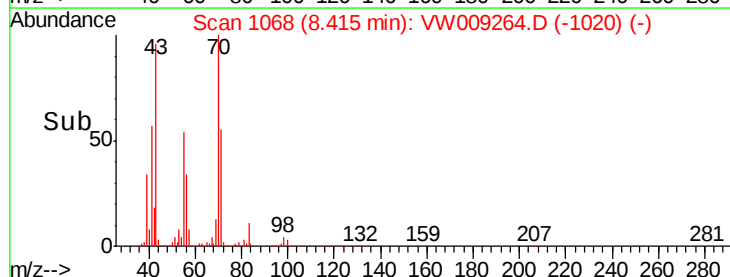
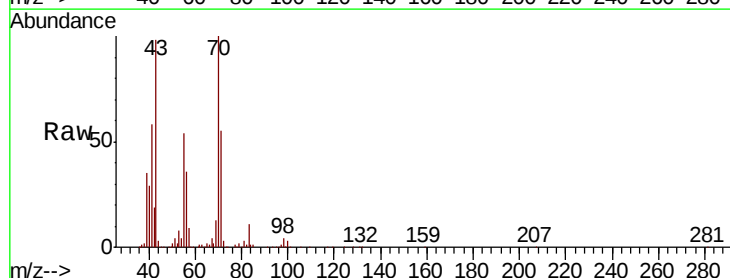
Instrument :
MSVOA_W
ClientSampleId :
SB-12(7-8)

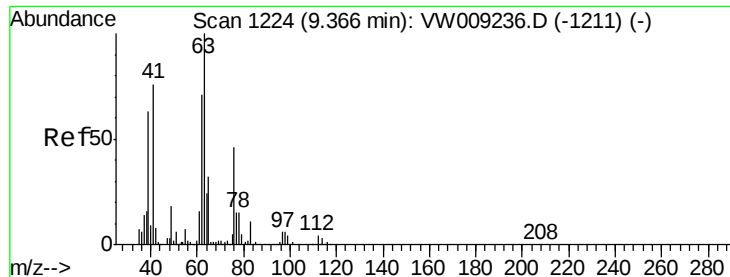
Tot Ion:	41	Resp:	68427
Ion	Ratio	Lower	Upper
41	100		
39	56.9	52.5	78.7
67	2.5	56.6	84.8#
52	2.6	27.2	40.8#



#43
Isopropyl Acetate
Concen: 41.357 ug/l
RT: 8.41 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VW009264.D
Acq: 20 Mar 2019 03:46

Tgt Ion:	43	Resp:	191515
Ion	Ratio	Lower	Upper
43	100		
61	0.3	22.2	33.2#
87	0.0	9.6	14.4#





#45

1,2-Dichloropropane

Concen: 5.604 ug/l

RT: 9.30 min Scan# 1213

Delta R.T. -0.07 min

Lab File: VW009264.D

Acq: 20 Mar 2019 03:46

Instrument :

MSVOA_W

ClientSampleId :

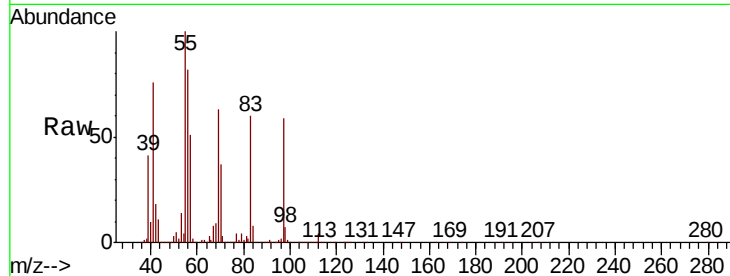
SB-12(7-8)

Tot Ion: 63 Resp: 19578

Ion Ratio Lower Upper

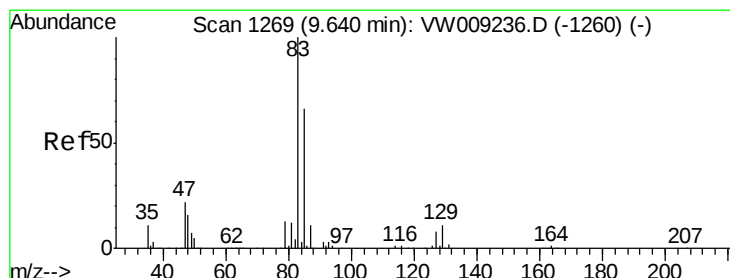
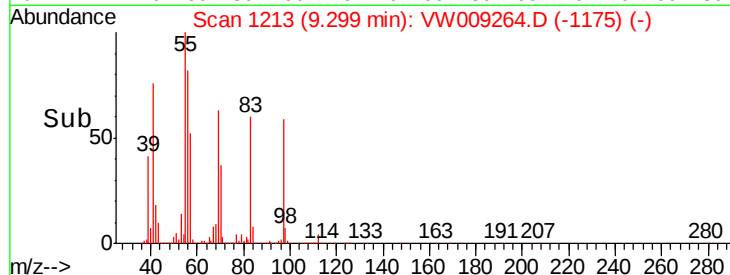
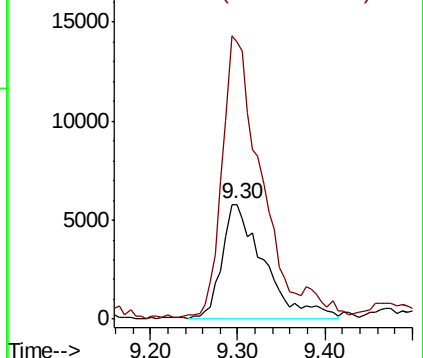
63 100

65 237.3 25.8 38.8#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#47

Bromodichloromethane

Concen: 6.142 ug/l

RT: 9.62 min Scan# 1265

Delta R.T. -0.02 min

Lab File: VW009264.D

Acq: 20 Mar 2019 03:46

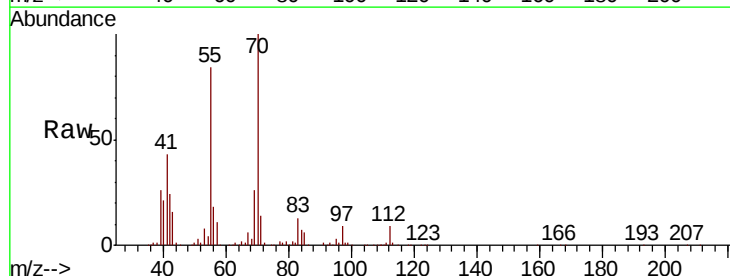
Tgt Ion: 83 Resp: 29818

Ion Ratio Lower Upper

83 100

85 47.6 52.6 79.0#

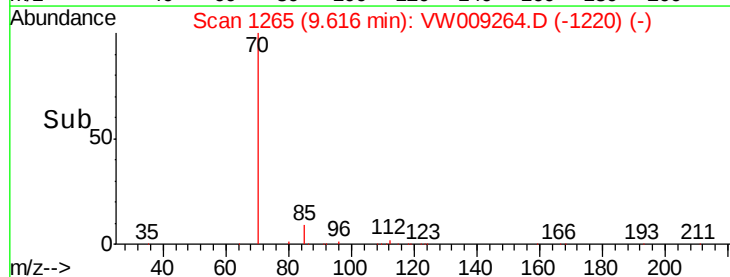
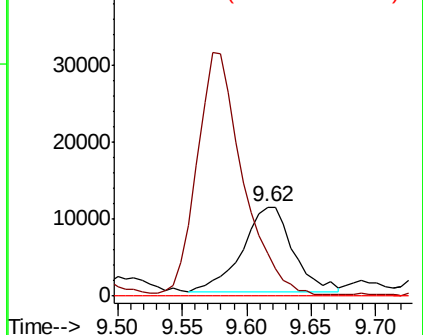
127 0.0 6.5 9.7#

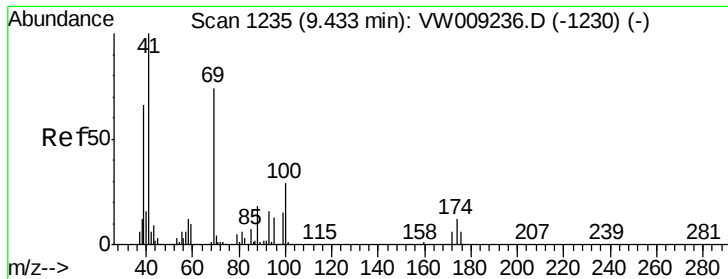


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V

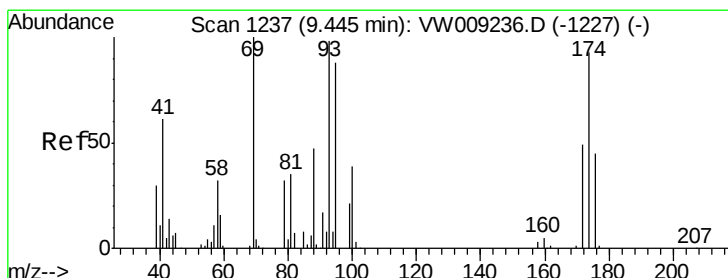
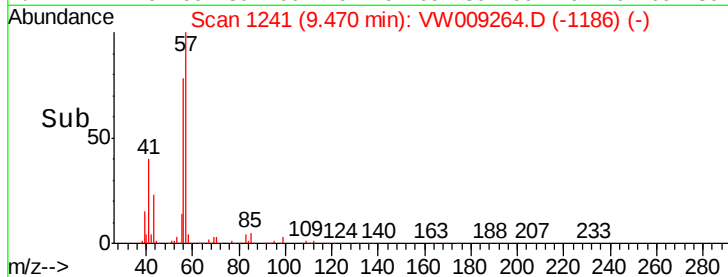
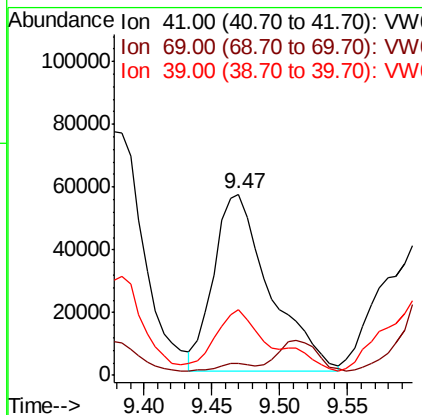
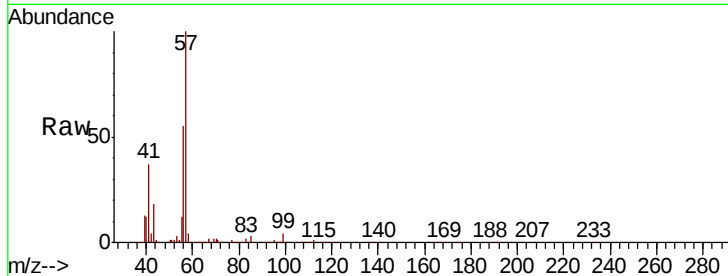




#48
Methvl methacrilate
Concen: 75.747 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.04 min
Lab File: VW009264.D
Acq: 20 Mar 2019 03:46

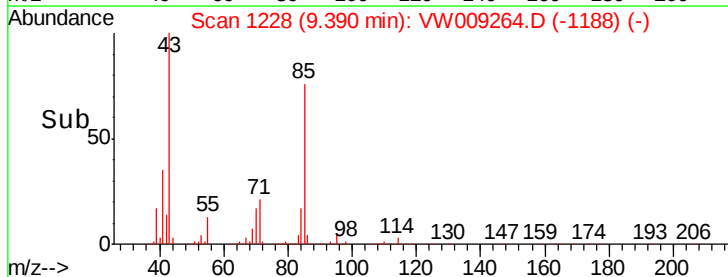
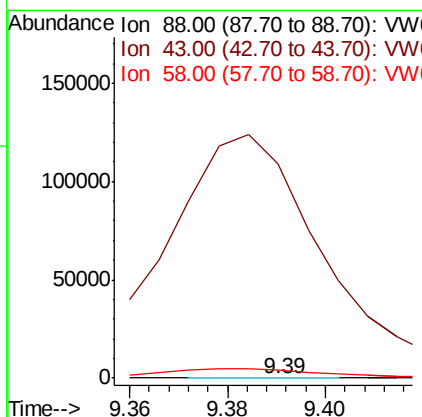
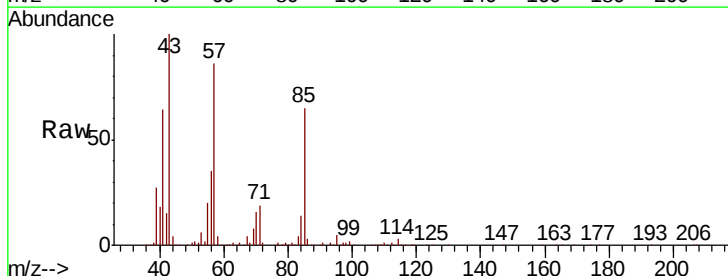
Instrument :
MSVOA_W
ClientSampleId :
SB-12(7-8)

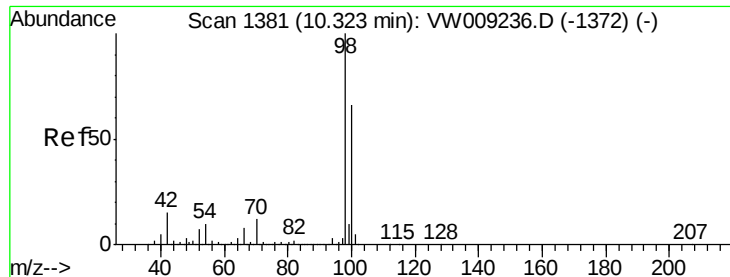
Tot Ion: 41 Resp: 162398
Ion Ratio Lower Upper
41 100
69 0.0 63.0 94.6#
39 37.4 57.2 85.8#



#49
1,4-Dioxane
Concen: 1.275 ug/l
RT: 9.39 min Scan# 1228
Delta R.T. -0.05 min
Lab File: VW009264.D
Acq: 20 Mar 2019 03:46

Tgt Ion: 88 Resp: 38
Ion Ratio Lower Upper
88 100
43 715255.3 29.7 44.5#
58 28834.2 58.1 87.1#





#50

Toluene-d8

Concen: 70.360 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009264.D

Acq: 20 Mar 2019 03:46

Instrument :

MSVOA_W

ClientSampleId :

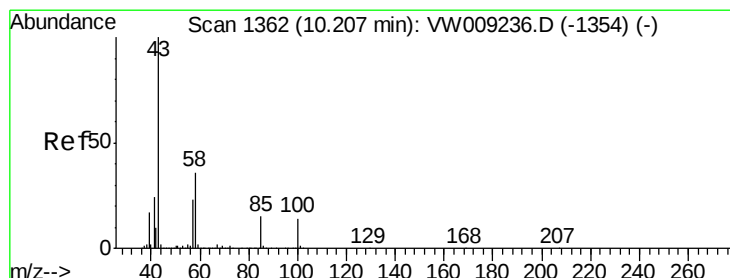
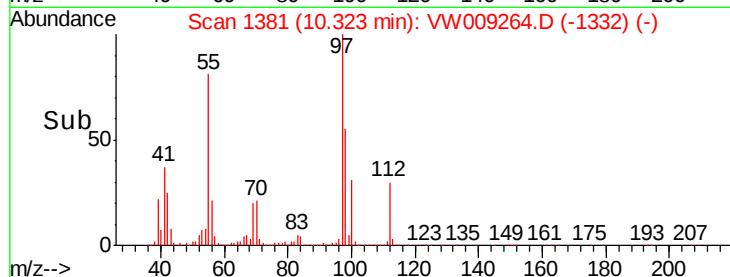
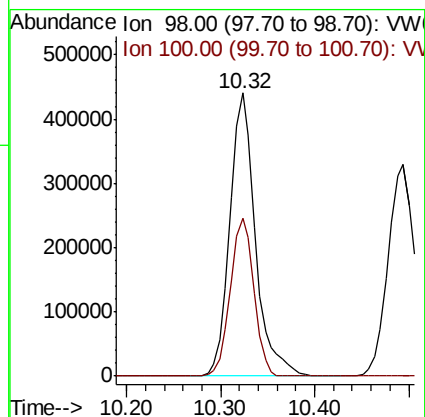
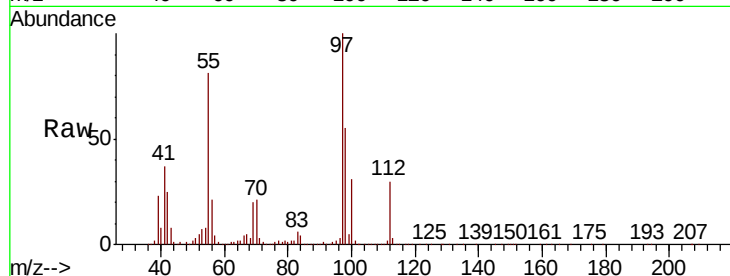
SB-12(7-8)

Tot Ion: 98 Resp: 826071

Ion Ratio Lower Upper

98 100

100 51.5 52.6 79.0#



#51

4-Methyl-2-Pentanone

Concen: 11.338 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW009264.D

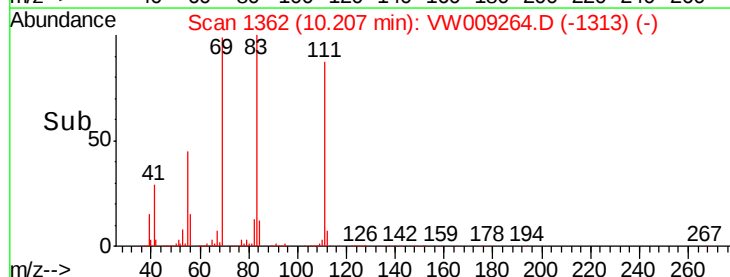
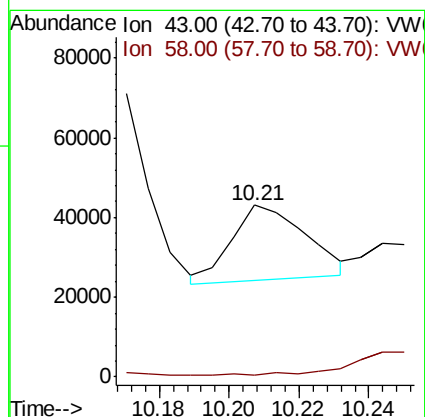
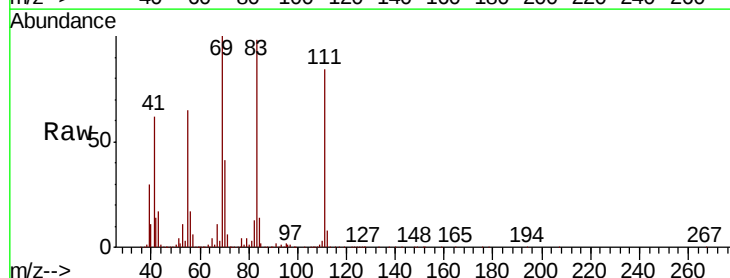
Acq: 20 Mar 2019 03:46

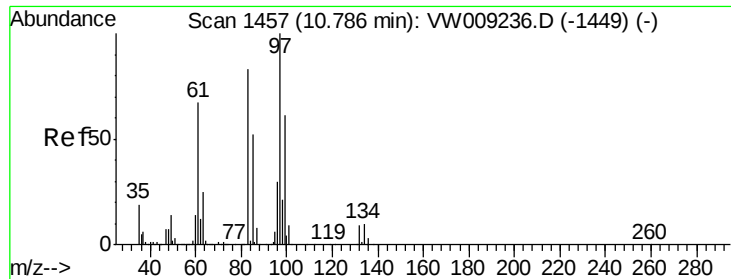
Tgt Ion: 43 Resp: 27362

Ion Ratio Lower Upper

43 100

58 0.0 28.6 42.8#

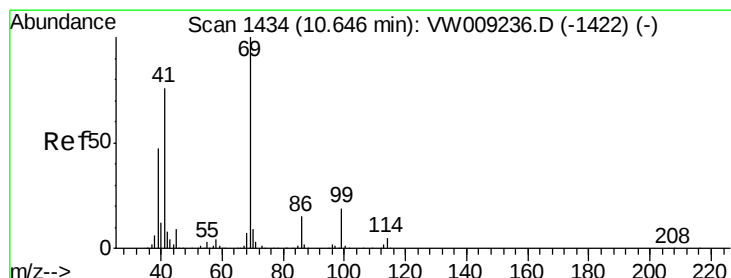
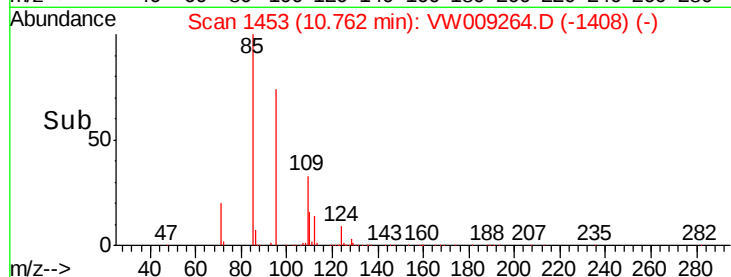
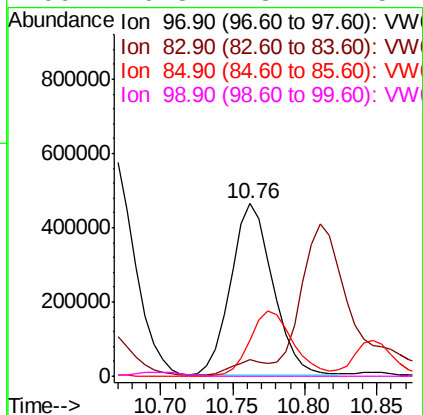
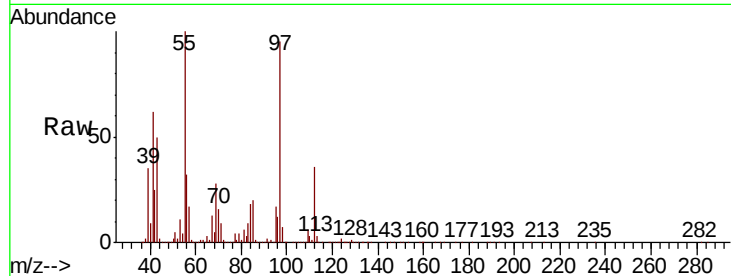




#55
 1,1,2-Trichloroethane
 Concen: 357.775 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW009264.D
 Acq: 20 Mar 2019 03:46

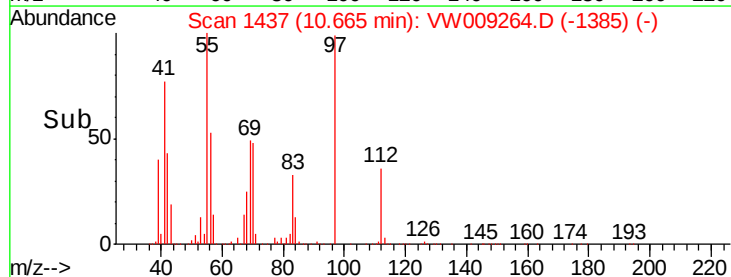
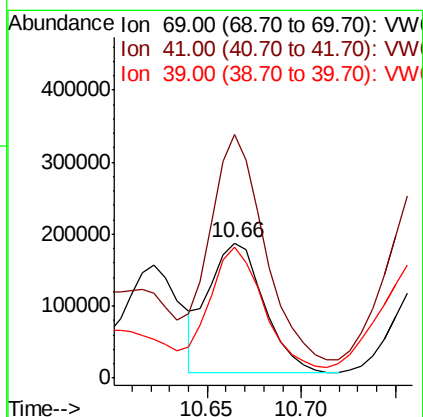
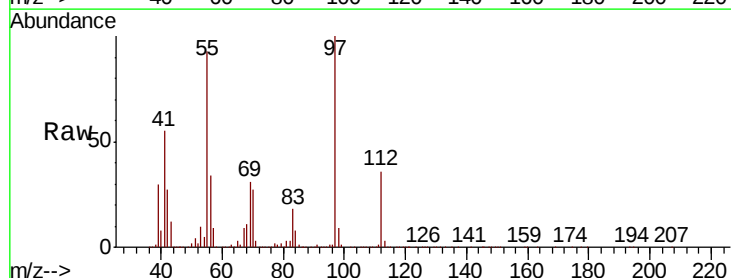
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12(7-8)

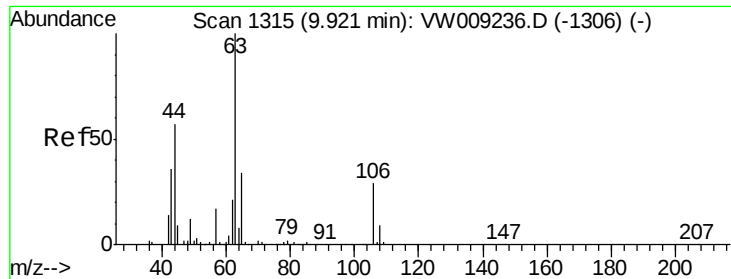
Tot Ion	Ratio	Lower	Upper
97	100		
83	8.9	66.3	99.5#
85	20.6	41.4	62.2#
99	0.3	48.7	73.1#



#56
 Ethyl methacrylate
 Concen: 117.926 ug/l
 RT: 10.66 min Scan# 1437
 Delta R.T. 0.02 min
 Lab File: VW009264.D
 Acq: 20 Mar 2019 03:46

Tgt Ion	Ratio	Lower	Upper
69	100		
41	171.8	59.3	88.9#
39	90.7	36.2	54.2#

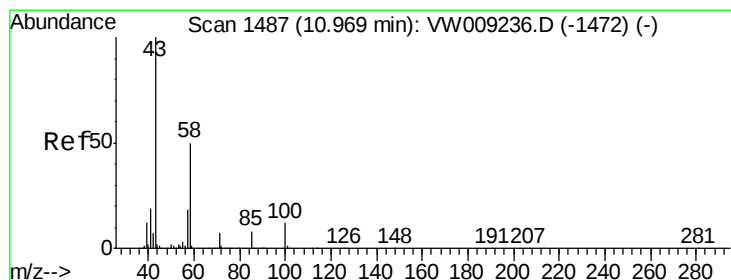
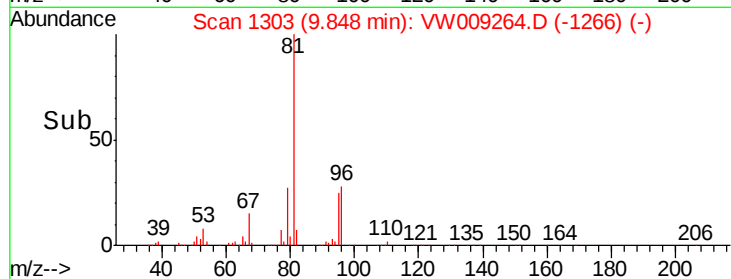
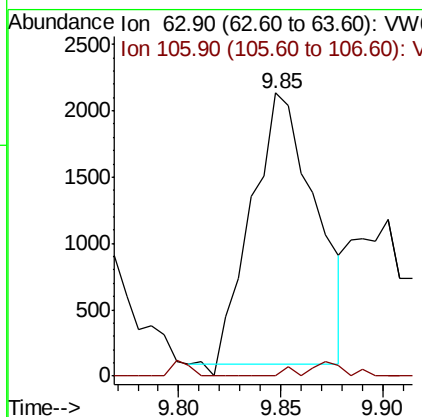
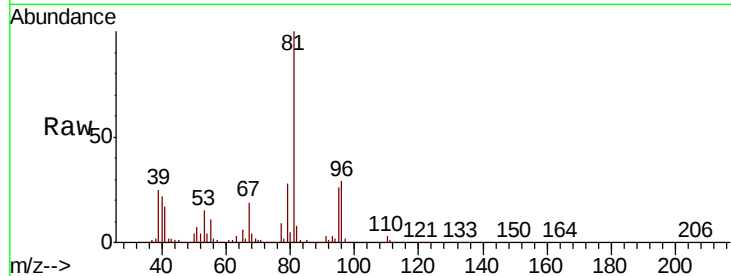




#58
2-Chloroethyl Vinyl ether
Concen: 4.885 ug/l
RT: 9.85 min Scan# 1303
Delta R.T. -0.07 min
Lab File: VW009264.D
Acq: 20 Mar 2019 03:46

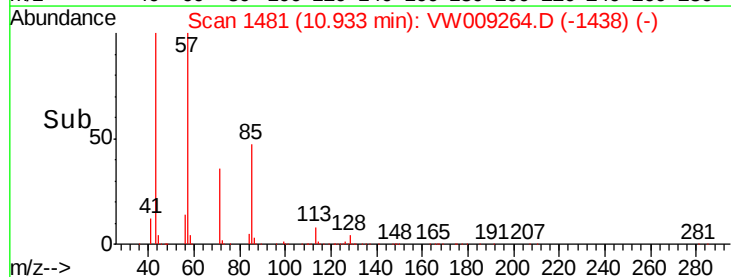
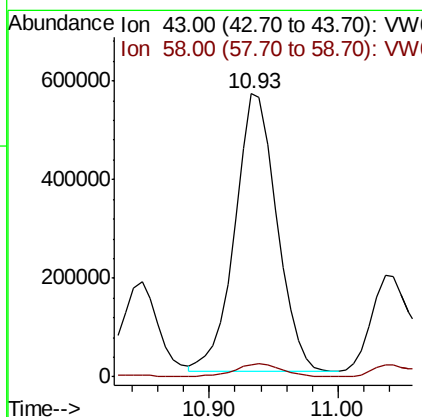
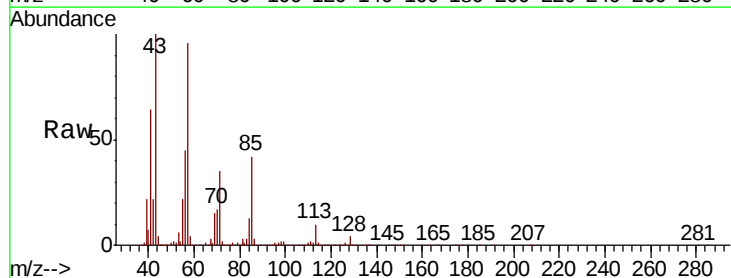
Instrument :
MSVOA_W
ClientSampleId :
SB-12(7-8)

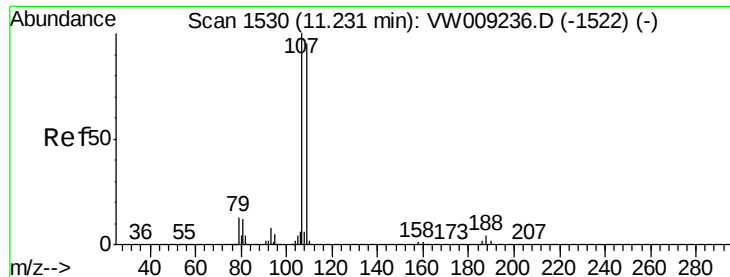
Tot Ion: 63 Resp: 4428
Ion Ratio Lower Upper
63 100
106 0.0 22.9 34.3#



#59
2-Hexanone
Concen: 776.102 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW009264.D
Acq: 20 Mar 2019 03:46

Tgt Ion: 43 Resp: 1271596
Ion Ratio Lower Upper
43 100
58 5.1 24.2 72.6#





#61

1,2-Dibromoethane

Concen: 6.756 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.01 min

Lab File: VW009264.D

Acq: 20 Mar 2019 03:46

Instrument :

MSVOA_W

ClientSampled :

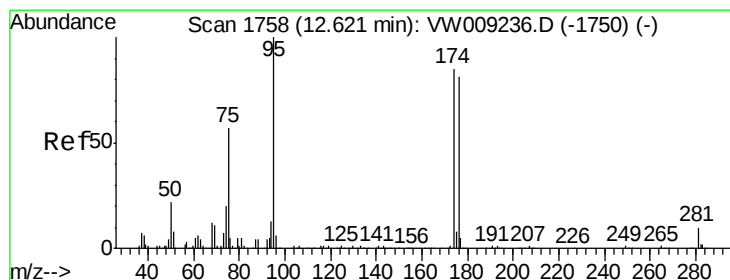
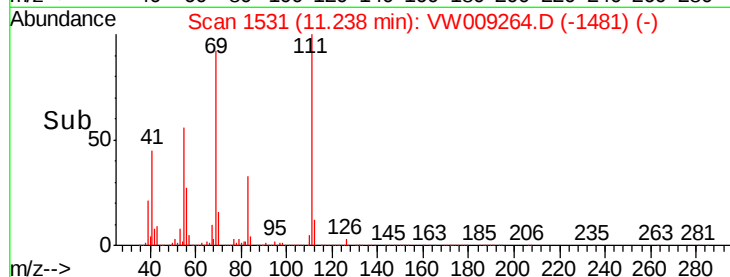
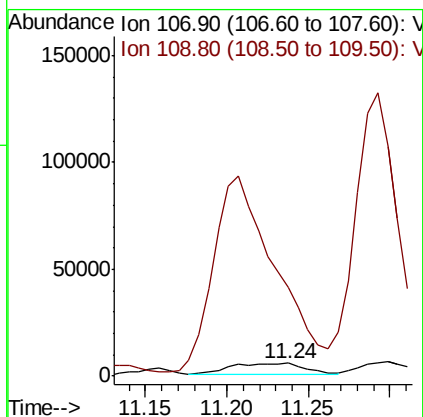
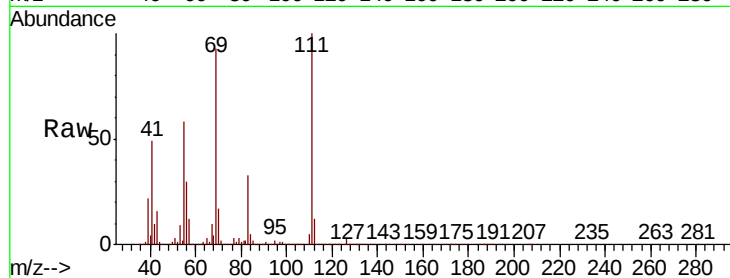
SB-12(7-8)

Tot Ion:107 Resp: 16739

Ion Ratio Lower Upper

107 100

109 0.0 75.1 112.7#



#62

4-Bromofluorobenzene

Concen: 357.850 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW009264.D

Acq: 20 Mar 2019 03:46

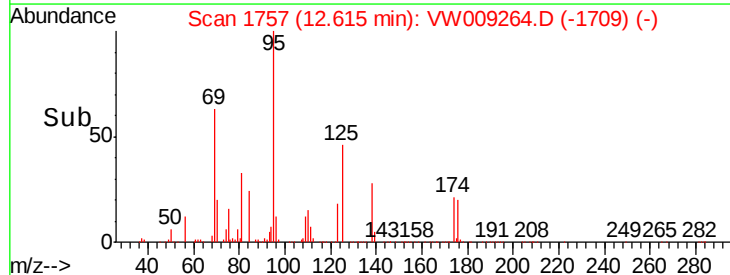
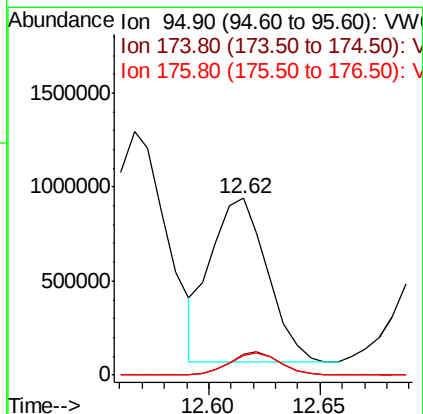
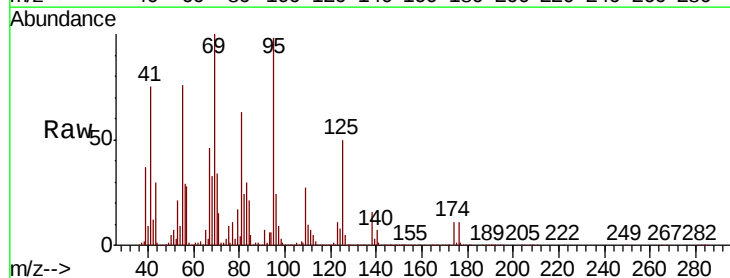
Tgt Ion: 95 Resp: 1542597

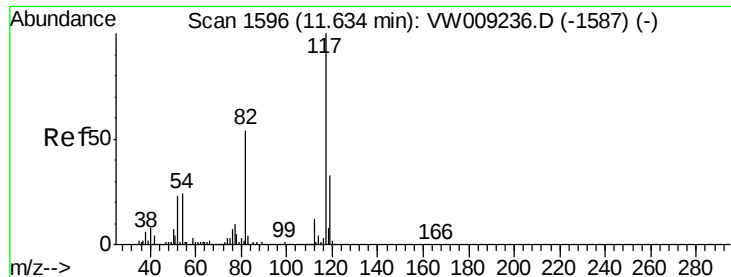
Ion Ratio Lower Upper

95 100

174 12.5 0.0 168.4

176 12.2 0.0 161.6

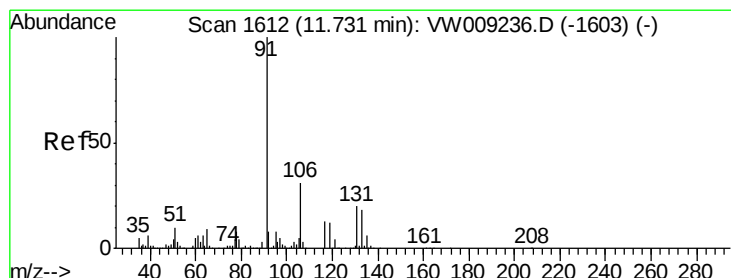
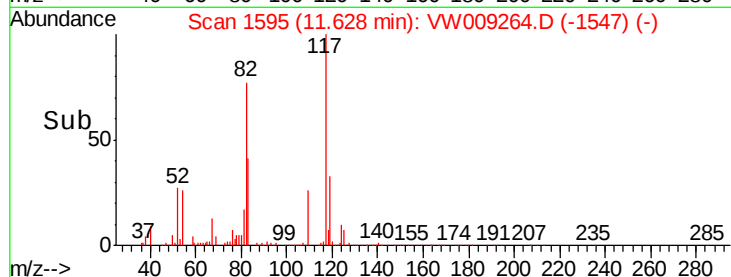
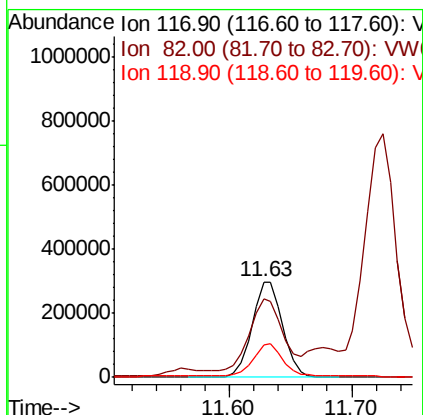
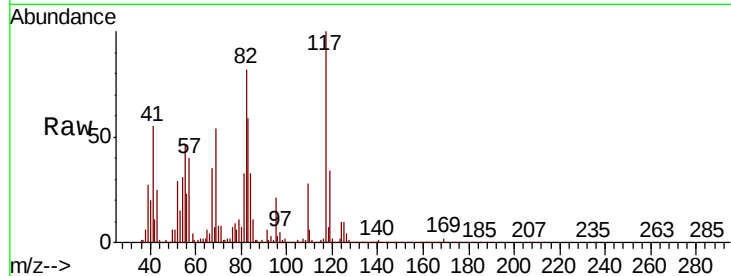




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW009264.D
Acq: 20 Mar 2019 03:46

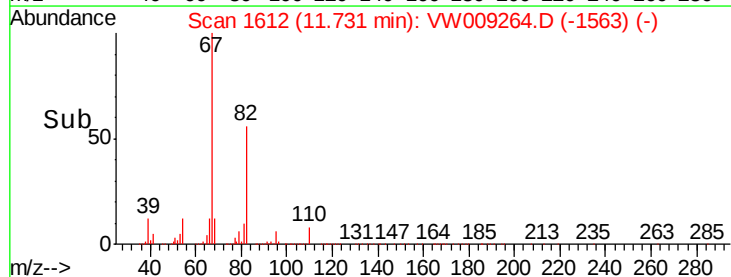
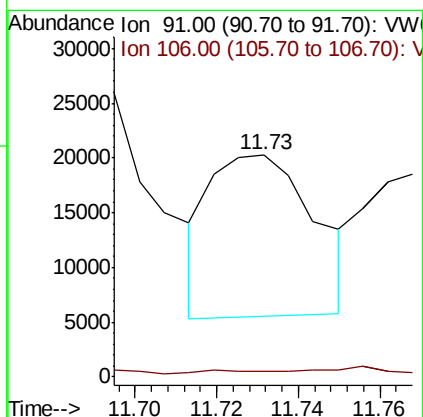
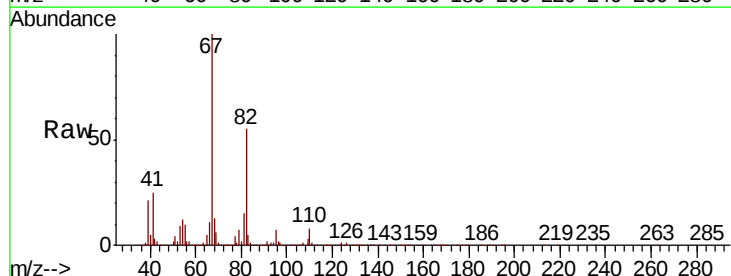
Instrument :
MSVOA_W
ClientSampleId :
SB-12(7-8)

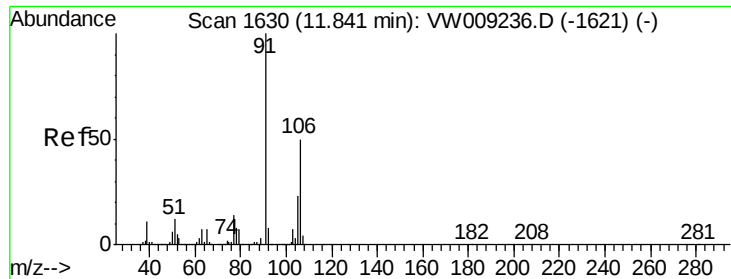
Tot Ion:117 Resp: 515707
Ion Ratio Lower Upper
117 100
82 73.3 43.6 65.4#
119 32.4 26.0 39.0



#67
Ethyl Benzene
Concen: 1.424 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009264.D
Acq: 20 Mar 2019 03:46

Tgt Ion: 91 Resp: 26303
Ion Ratio Lower Upper
91 100
106 2.1 24.6 36.8#





#68

m/p-Xvlenes

Concen: 1.640 ug/l

RT: 11.82 min Scan# 1627

Delta R.T. -0.02 min

Lab File: VW009264.D

Acq: 20 Mar 2019 03:46

Instrument :

MSVOA_W

ClientSampleId :

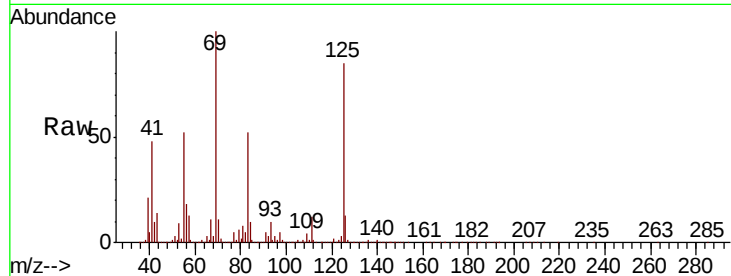
SB-12(7-8)

Tot Ion:106 Resp: 11746

Ion Ratio Lower Upper

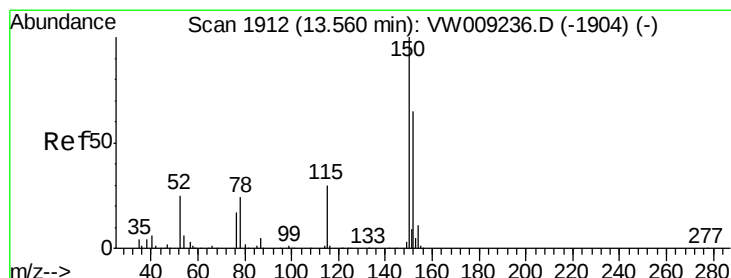
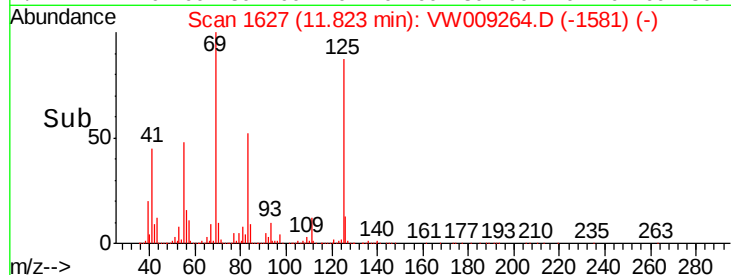
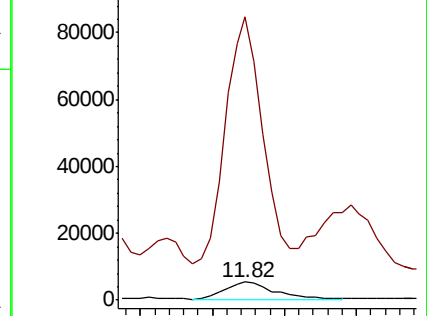
106 100

91 1126.1 163.1 244.7#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): 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: VW009264.D

Acq: 20 Mar 2019 03:46

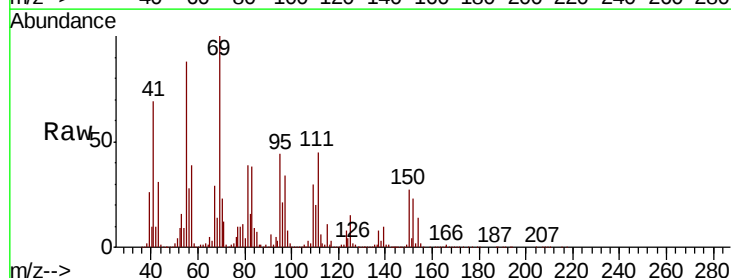
Tgt Ion:152 Resp: 460539

Ion Ratio Lower Upper

152 100

115 22.6 29.6 88.8#

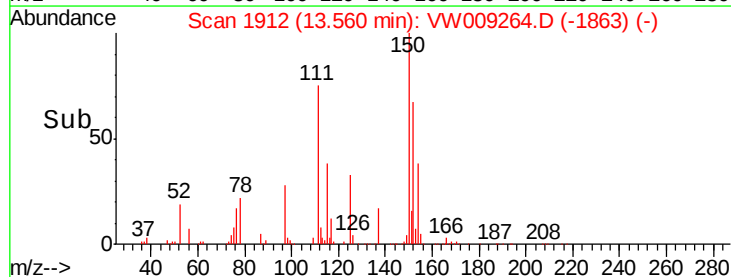
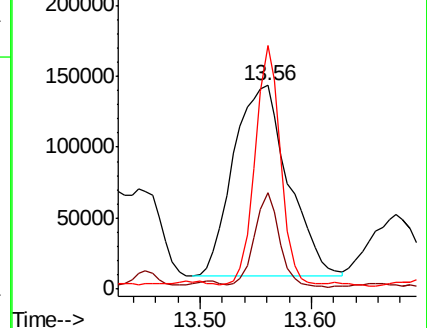
150 57.9 0.0 349.2

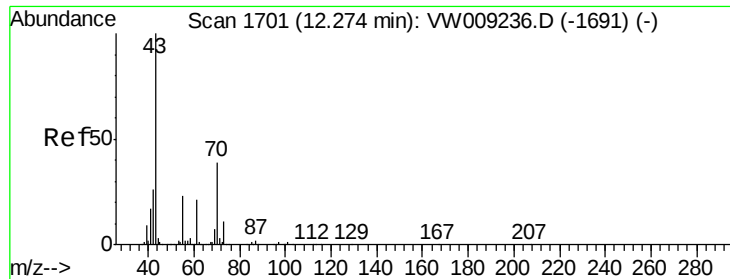


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 186.949 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW009264.D

Acq: 20 Mar 2019 03:46

Instrument :

MSVOA_W

ClientSampleId :

SB-12(7-8)

Tot Ion: 43 Resp: 1501099

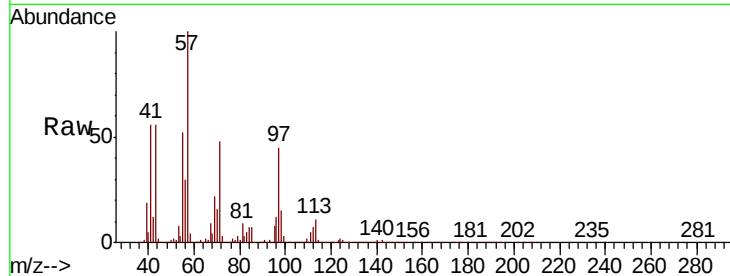
Ion Ratio Lower Upper

43 100

70 47.2 30.6 46.0#

55 294.9 19.3 28.9#

61 0.0 17.0 25.4#

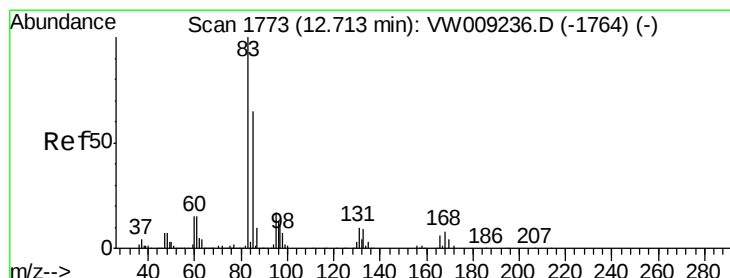
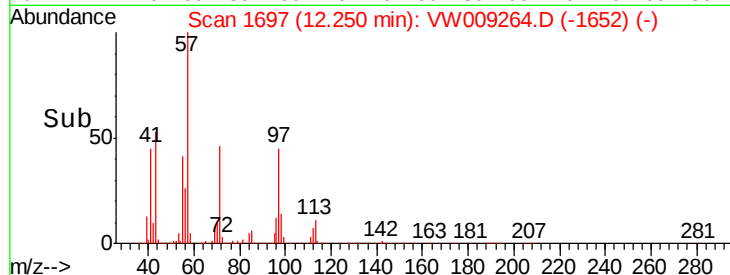
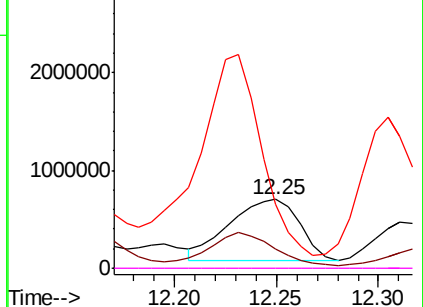


Abundance Ion 43.00 (42.70 to 43.70): VW

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



#75

1,1,2,2-Tetrachloroethane

Concen: 108.454 ug/l

RT: 12.69 min Scan# 1769

Delta R.T. -0.02 min

Lab File: VW009264.D

Acq: 20 Mar 2019 03:46

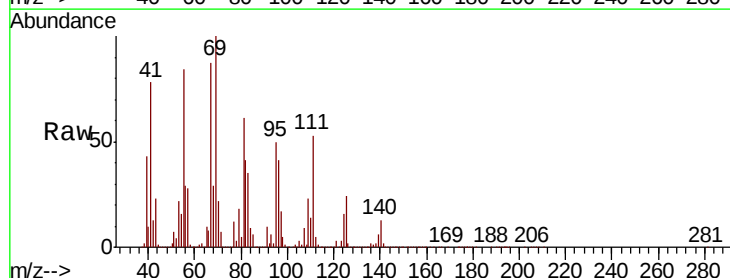
Tgt Ion: 83 Resp: 624482

Ion Ratio Lower Upper

83 100

131 0.1 5.3 16.1#

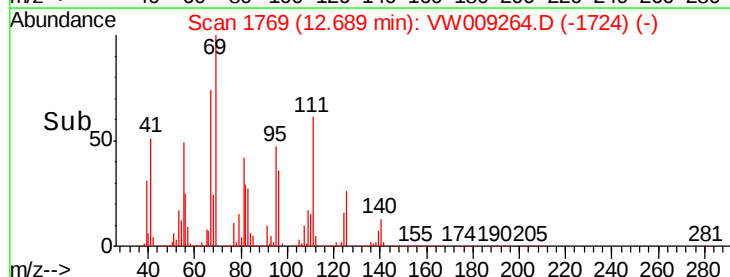
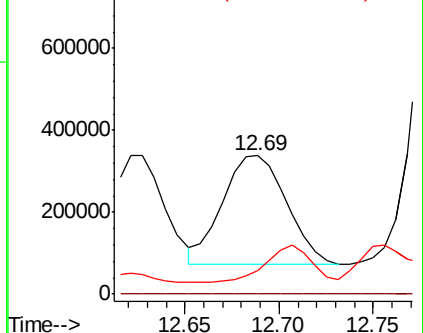
85 0.0 32.6 97.8#

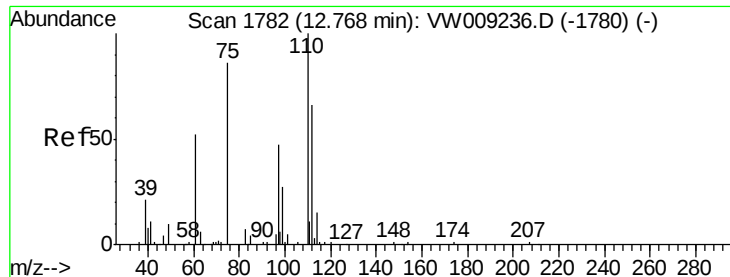


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

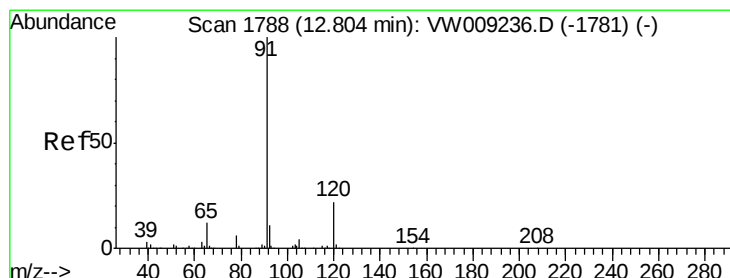
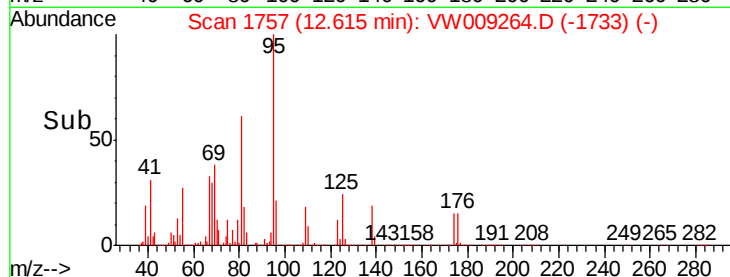
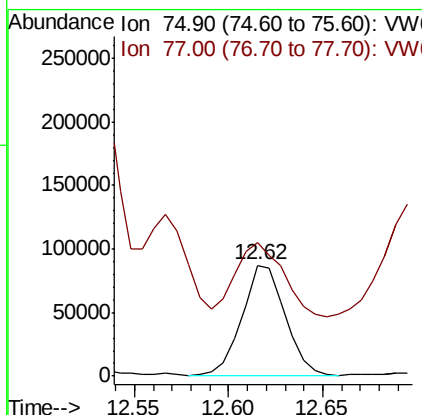
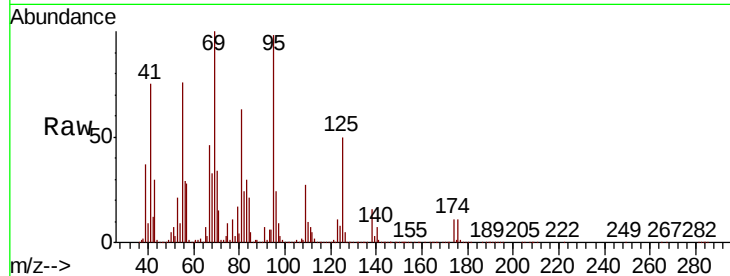




#76
 1,2,3-Trichloropropane
 Concen: 31.601 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW009264.D
 Acq: 20 Mar 2019 03:46

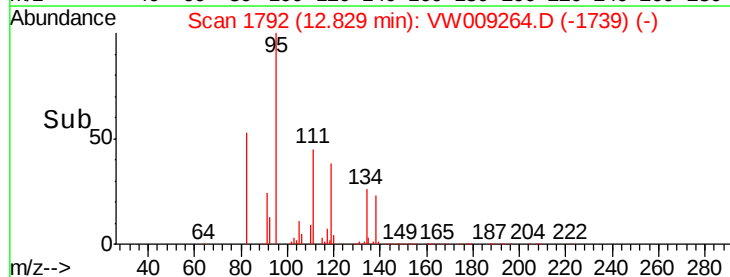
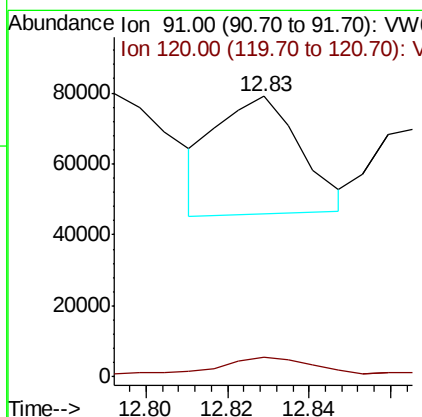
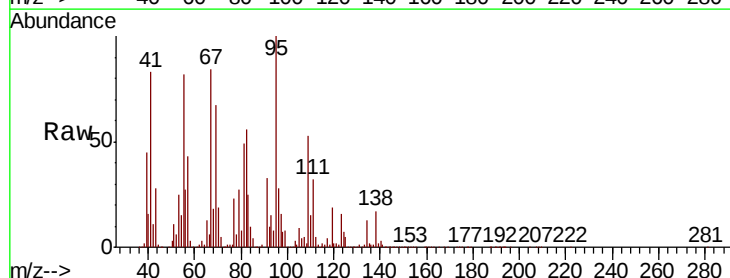
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12(7-8)

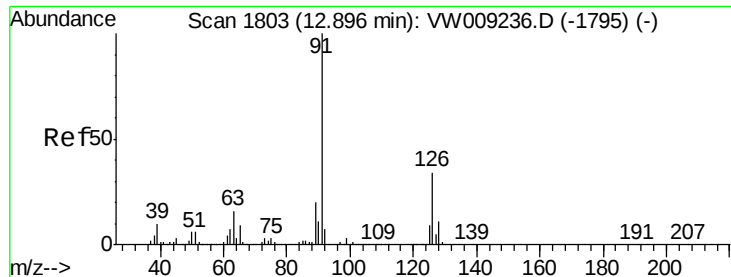
Tot Ion: 75 Resp: 136764
 Ion Ratio Lower Upper
 75 100
 77 74.7 0.0 0.0#



#78
 n-propylbenzene
 Concen: 1.267 ug/l
 RT: 12.83 min Scan# 1792
 Delta R.T. 0.02 min
 Lab File: VW009264.D
 Acq: 20 Mar 2019 03:46

Tgt Ion: 91 Resp: 47885
 Ion Ratio Lower Upper
 91 100
 120 25.8 11.1 33.3

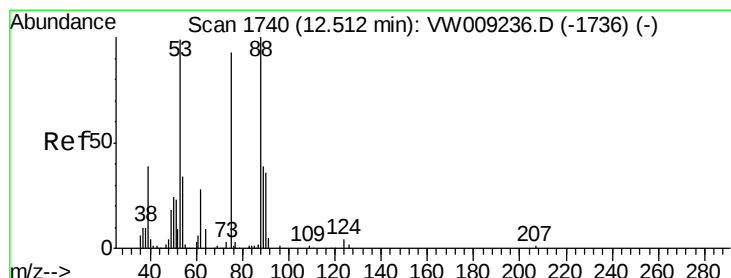
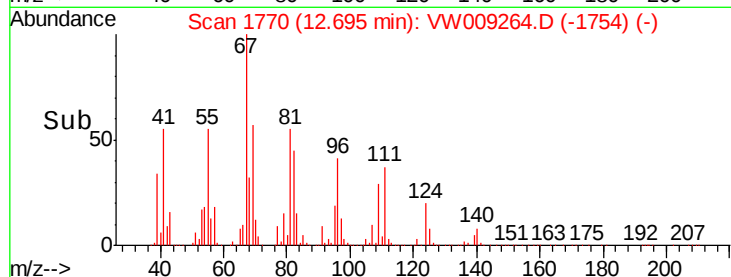
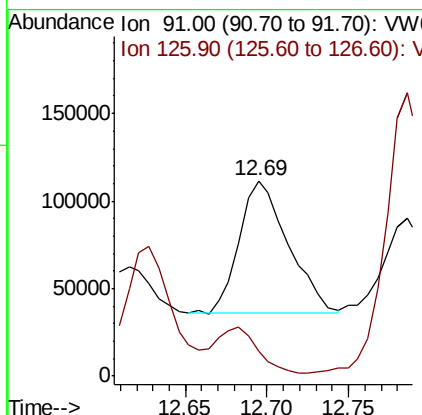
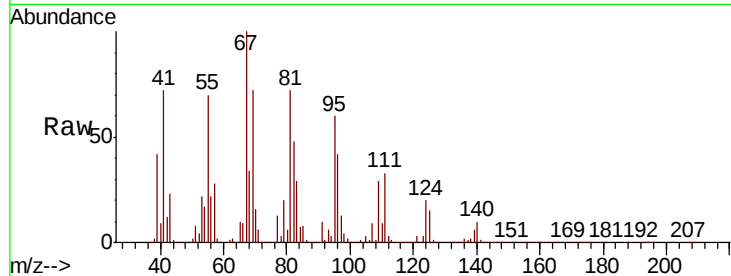




#79
2-Chlorotoluene
Concen: 7.331 ug/l
RT: 12.69 min Scan# 1770
Delta R.T. -0.20 min
Lab File: VW009264.D
Acq: 20 Mar 2019 03:46

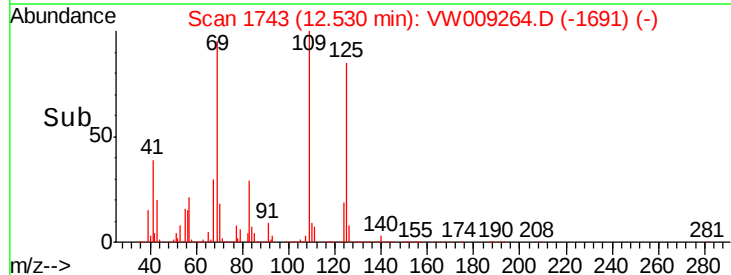
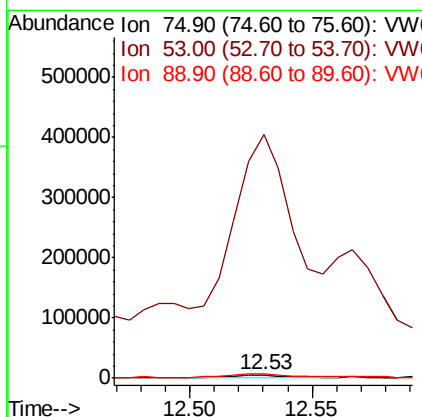
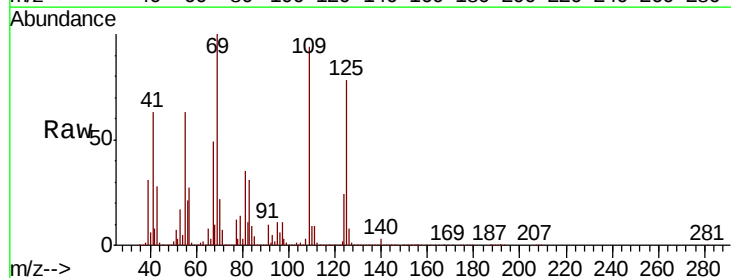
Instrument :
MSVOA_W
ClientSampleId :
SB-12(7-8)

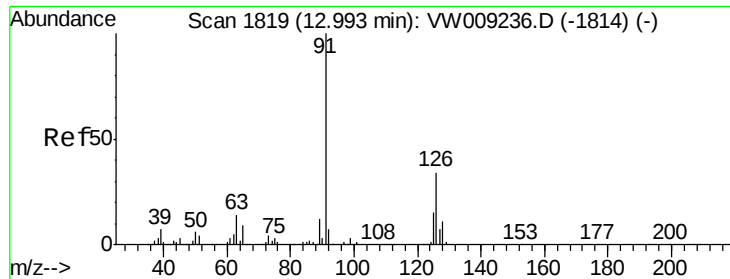
Tot Ion: 91 Resp: 157449
Ion Ratio Lower Upper
91 100
126 29.9 17.0 51.0



#81
trans-1,4-Dichloro-2-butene
Concen: 4.755 ug/l
RT: 12.53 min Scan# 1743
Delta R.T. 0.02 min
Lab File: VW009264.D
Acq: 20 Mar 2019 03:46

Tgt Ion: 75 Resp: 8387
Ion Ratio Lower Upper
75 100
53 6416.4 86.7 130.1#
89 98.5 36.4 54.6#

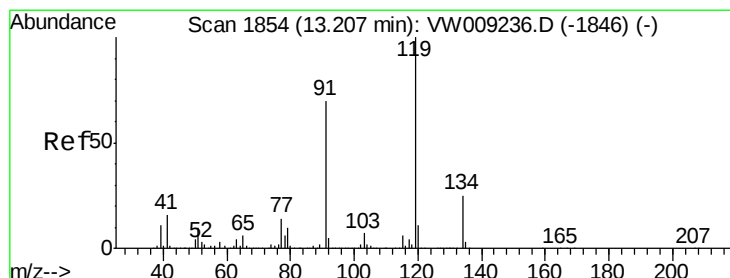
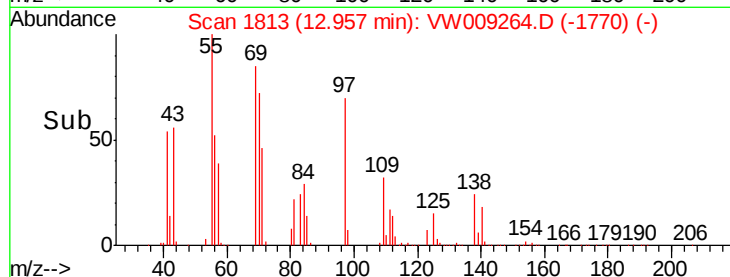
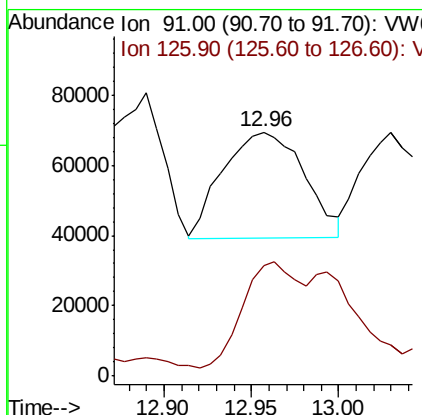
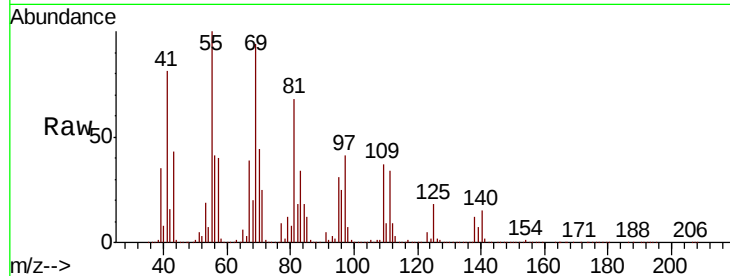




#82
4-Chlorotoluene
Concen: 4.321 ug/l
RT: 12.96 min Scan# 1813
Delta R.T. -0.04 min
Lab File: VW009264.D
Acq: 20 Mar 2019 03:46

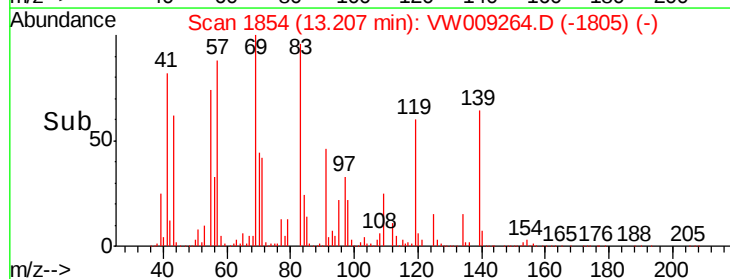
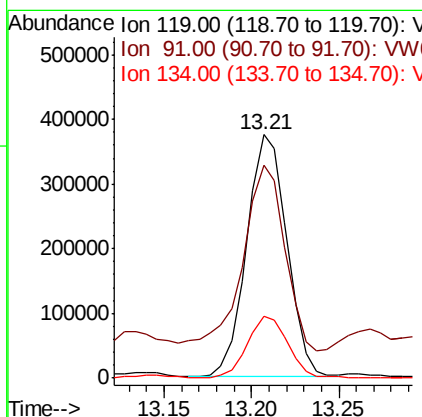
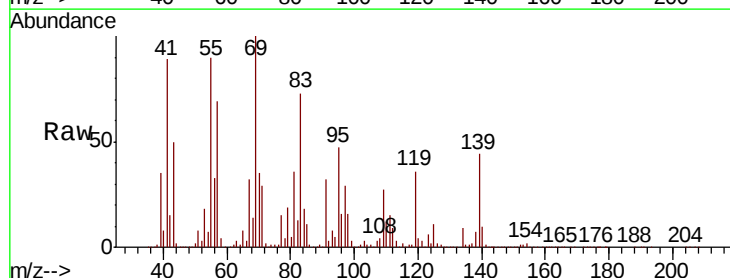
Instrument :
MSVOA_W
ClientSampleId :
SB-12(7-8)

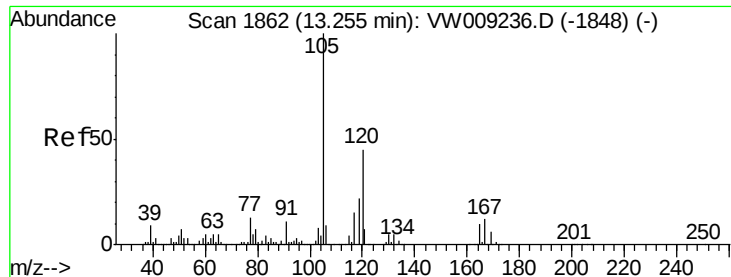
Tot Ion: 91 Resp: 97770
Ion Ratio Lower Upper
91 100
126 71.3 16.9 50.6#



#83
tert-Butylbenzene
Concen: 26.654 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW009264.D
Acq: 20 Mar 2019 03:46

Tgt Ion: 119 Resp: 596254
Ion Ratio Lower Upper
119 100
91 81.8 34.4 103.2
134 25.5 12.7 38.1

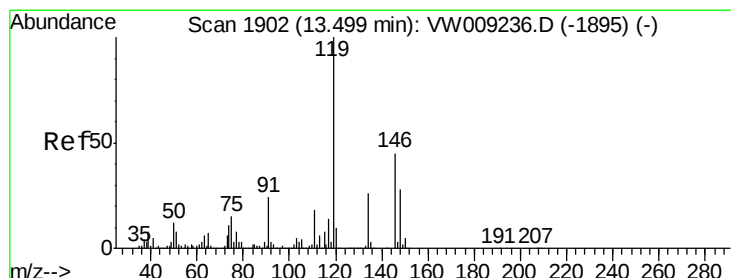
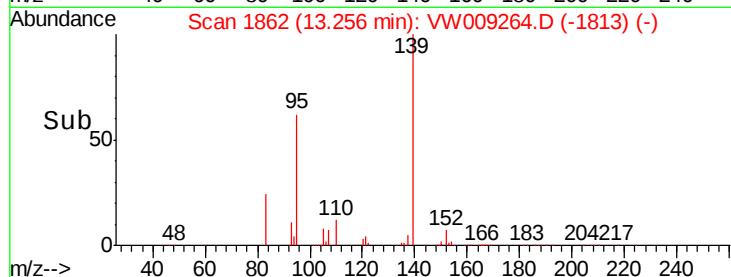
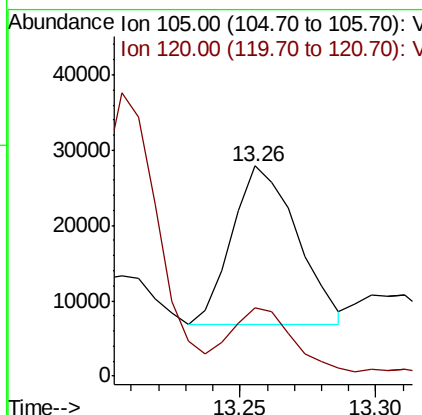
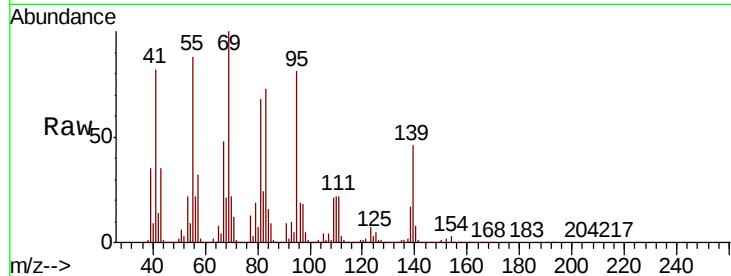




#84
 1,2,4-Trimethylbenzene
 Concen: 1.309 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW009264.D
 Acq: 20 Mar 2019 03:46

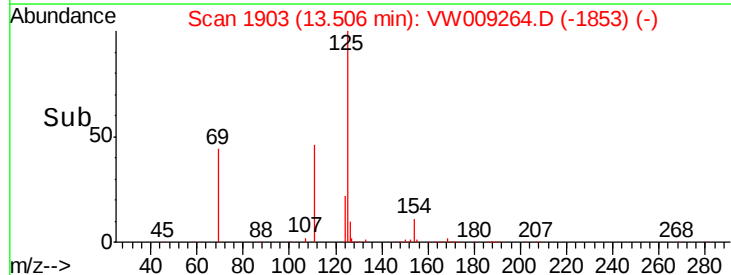
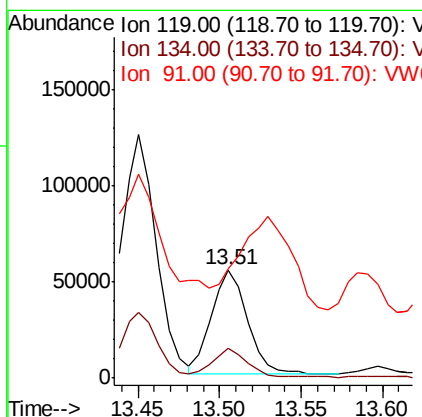
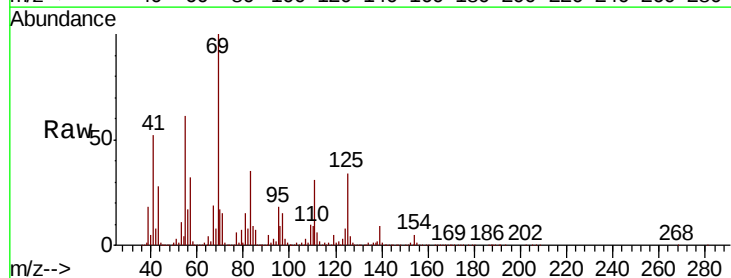
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12(7-8)

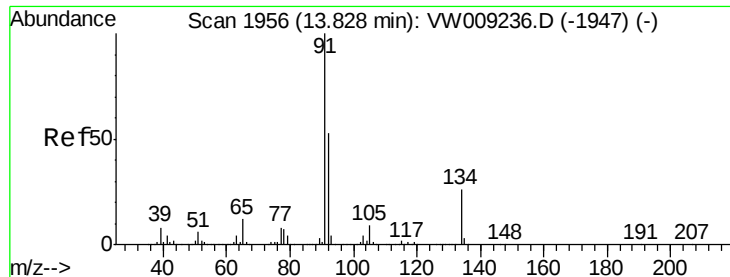
Tot Ion:105 Resp: 35116
 Ion Ratio Lower Upper
 105 100
 120 38.4 22.8 68.3



#86
 p-Isopropyltoluene
 Concen: 2.802 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW009264.D
 Acq: 20 Mar 2019 03:46

Tgt Ion:119 Resp: 82485
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.1 39.3
 91 0.0 12.3 36.8#





#89

n-Butylbenzene

Concen: 1.717 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW009264.D

Acq: 20 Mar 2019 03:46

Instrument :

MSVOA_W

ClientSampleId :

SB-12(7-8)

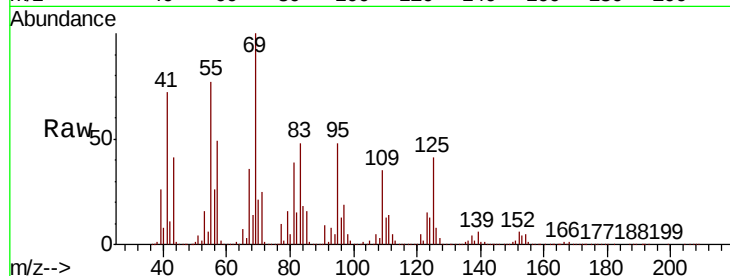
Tot Ion: 91 Resp: 48528

Ion Ratio Lower Upper

91 100

92 16.6 26.4 79.0#

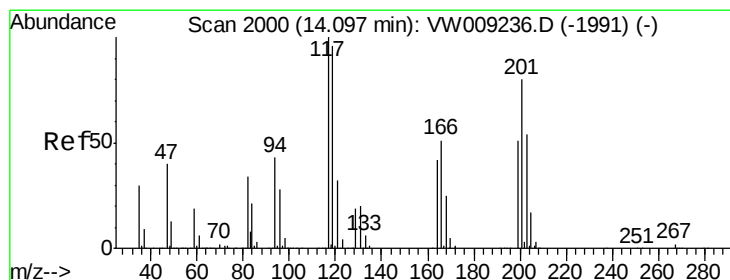
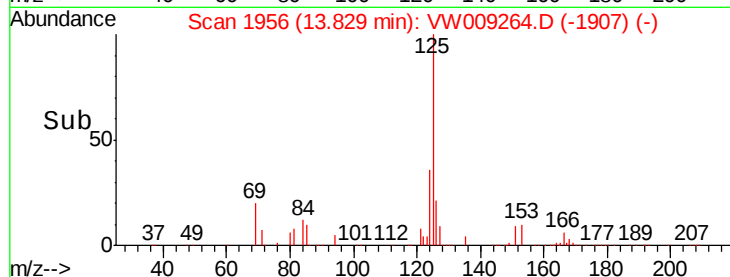
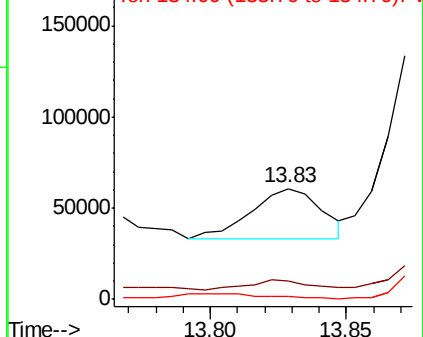
134 0.0 12.9 38.6#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 56.203 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW009264.D

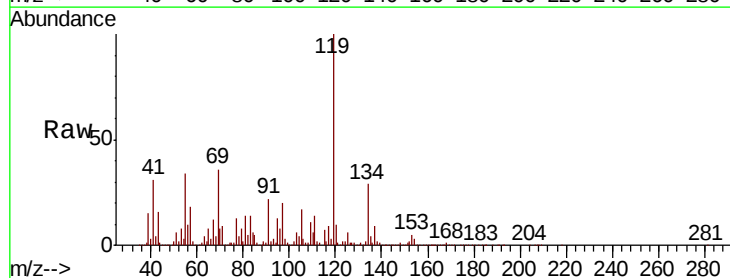
Acq: 20 Mar 2019 03:46

Tgt Ion: 117 Resp: 326192

Ion Ratio Lower Upper

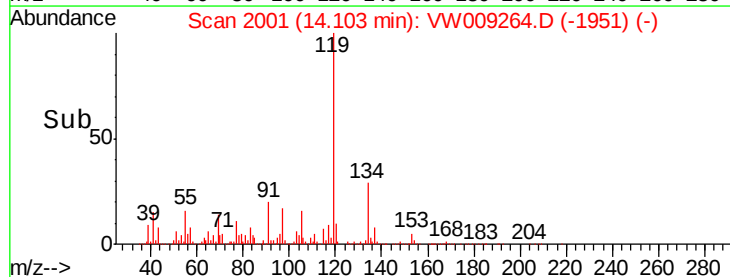
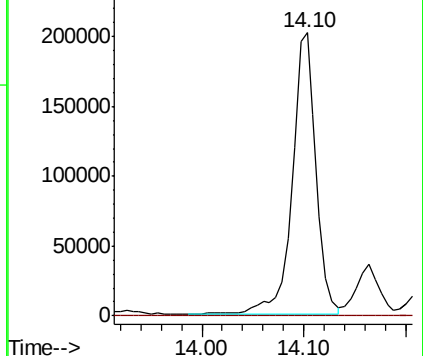
117 100

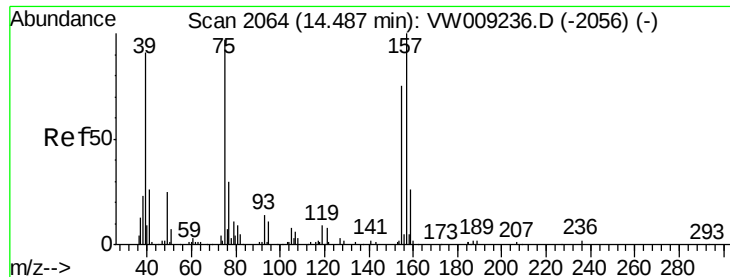
201 0.0 38.2 114.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

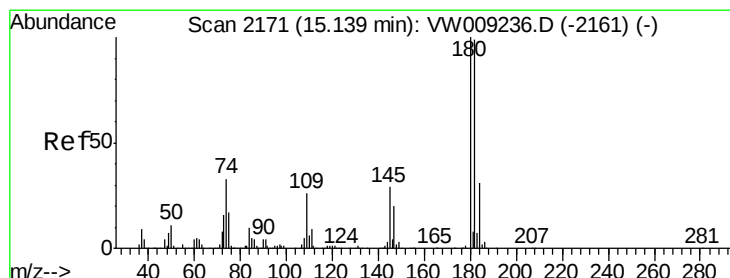
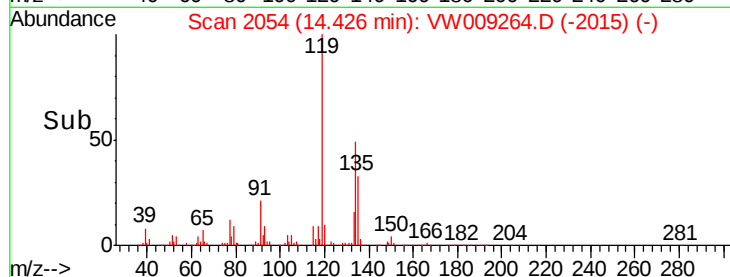
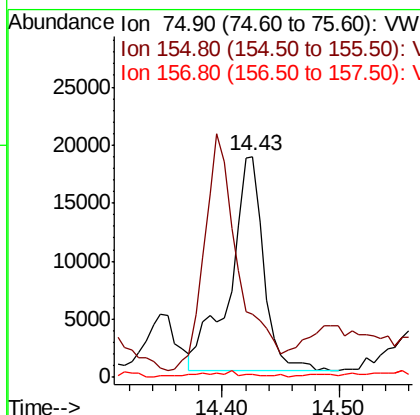
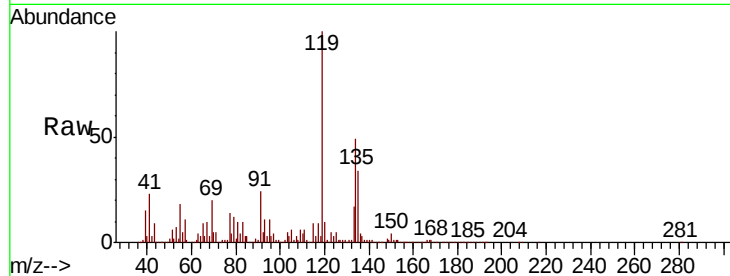




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 35.742 ug/l
 RT: 14.43 min Scan# 2054
 Delta R.T. -0.06 min
 Lab File: VW009264.D
 Acq: 20 Mar 2019 03:46

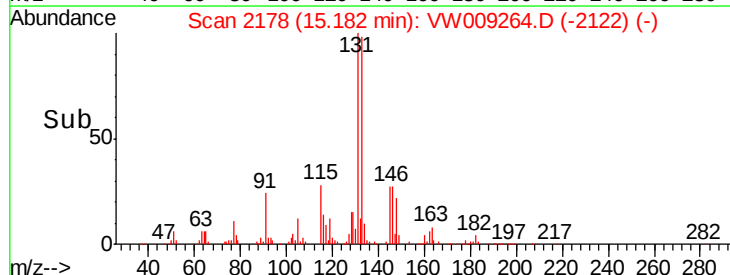
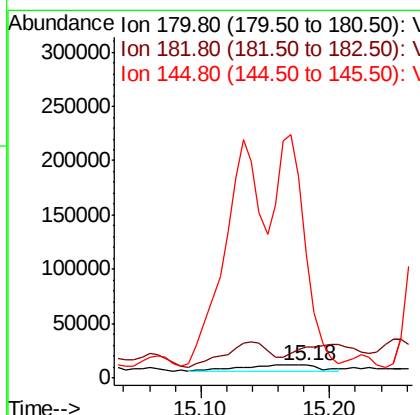
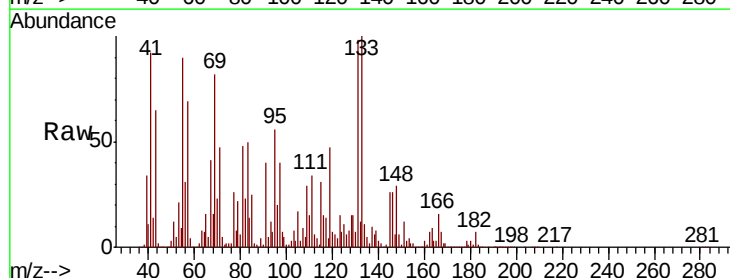
Instrument :
 MSVOA_W
 ClientSampled :
 SB-12(7-8)

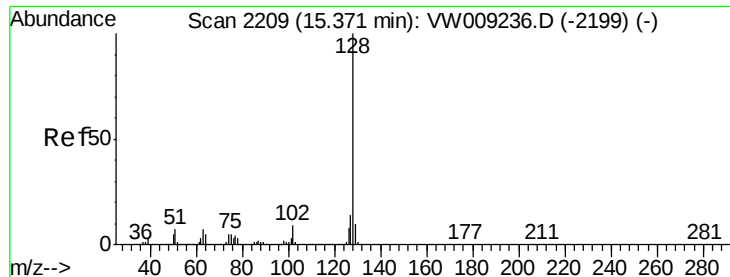
Tot Ion: 75 Resp: 36851
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.3 117.8#
 157 0.0 49.5 148.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.799 ug/l
 RT: 15.18 min Scan# 2178
 Delta R.T. 0.04 min
 Lab File: VW009264.D
 Acq: 20 Mar 2019 03:46

Tgt Ion: 180 Resp: 25430
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.7#
 145 1450.4 15.0 45.0#

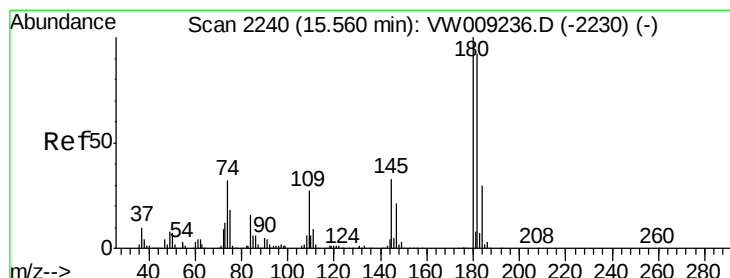
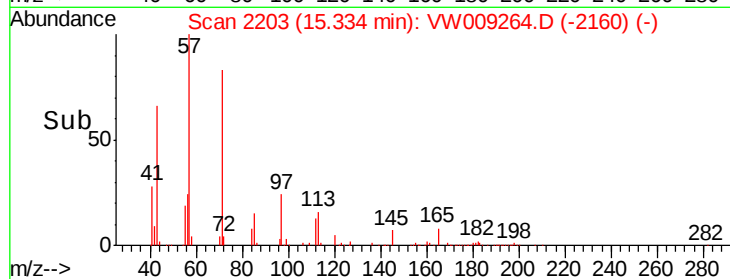
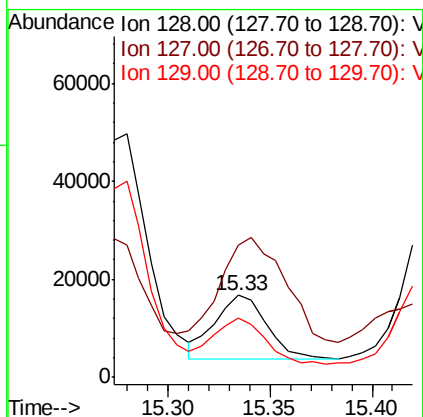
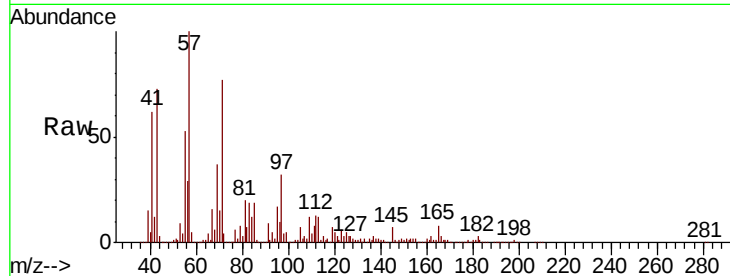




#95
Naphthalene
Concen: 1.482 ug/l
RT: 15.33 min Scan# 2203
Delta R.T. -0.04 min
Lab File: VW009264.D
Acq: 20 Mar 2019 03:46

Instrument :
MSVOA_W
ClientSampleId :
SB-12(7-8)

Tot Ion:128 Resp: 23325
Ion Ratio Lower Upper
128 100
127 201.5 10.8 16.2#
129 71.2 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 3.399 ug/l
RT: 15.58 min Scan# 2244
Delta R.T. 0.02 min
Lab File: VW009264.D
Acq: 20 Mar 2019 03:46

Tgt Ion:180 Resp: 27573
Ion Ratio Lower Upper
180 100
182 0.0 47.3 141.9#
145 0.0 16.0 48.0#

