

Data File : VW009248.D
Acq On : 19 Mar 2019 18:20
Operator : SY/VA
Sample : K1974-01
Misc : 5.08G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WC4

Quant Time: Mar 20 07:33:42 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	275802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	453764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	436073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	252348	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	168459	57.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.84%	
35) Dibromofluoromethane	7.88	113	149617	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
50) Toluene-d8	10.32	98	704038	67.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.60%	
62) 4-Bromofluorobenzene	12.62	95	262476	68.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	136.68%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	895	Below Cal	86
11) Tert butyl alcohol	5.17	59	254	1.491 ug/l #	20
13) Acrolein	3.91	56	168	1.208 ug/l #	9
16) Acetone	4.12	43	9281	15.420 ug/l	90
20) Methylene Chloride	4.92	84	5664	Below Cal #	76
29) Tetrahydrofuran	7.52	42	647	1.180 ug/l #	43
31) Cyclohexane	7.93	56	18223	3.786 ug/l #	51
36) 1,1-Dichloropropene	7.94	75	22362	4.952 ug/l #	52
38) Carbon Tetrachloride	7.94	117	27413	5.737 ug/l #	18
39) Methylcyclohexane	9.34	83	157971	30.239 ug/l #	83
40) Benzene	8.32	78	13225	1.080 ug/l	99
43) Isopropyl Acetate	8.41	43	4504	1.092 ug/l #	60
47) Bromodichloromethane	9.61	83	6259	1.447 ug/l #	1
48) Methyl methacrylate	9.38	41	97539	51.062 ug/l #	44
49) 1,4-Dioxane	9.60	88	57	2.147 ug/l #	22
51) 4-Methyl-2-Pentanone	10.10	43	1704399	792.660 ug/l #	44
52) Toluene	10.38	92	27387	3.530 ug/l	97
55) 1,1,2-Trichloroethane	10.76	97	514138	221.824 ug/l #	25
56) Ethyl methacrylate	10.66	69	181608	65.802 ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.89	63	1239	1.534 ug/l #	49
59) 2-Hexanone	10.94	43	1792715	1228.065 ug/l #	33
60) Dibromochloromethane	11.34	129	4023	1.405 ug/l	93
64) Tetrachloroethene	10.87	164	3169	1.061 ug/l	96
65) Chlorobenzene	11.77	112	18646	2.068 ug/l #	43
67) Ethyl Benzene	11.73	91	44784	2.867 ug/l	94
68) m/p-Xylenes	11.84	106	50401	8.324 ug/l	77
69) o-Xylene	12.16	106	2069524	368.090 ug/l	99
70) Styrene	12.16	104	107578	11.605 ug/l #	1
73) Isopropylbenzene	12.47	105	23133	1.372 ug/l	98
74) N-amyl acetate	12.25	43	399098	90.711 ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.70	83	40077	12.702 ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	130238	54.921 ug/l #	100
79) 2-Chlorotoluene	12.80	91	19989	1.699 ug/l	92
80) 1,3,5-Trimethylbenzene	12.94	105	170230	11.868 ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031919\
Quantitation Report (Not Reviewed)

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.62	75	130238	134.760	ug/l #	1
82) 4-Chlorotoluene	13.10	91	20345	1.641	ug/l	74
86) p-Isopropyltoluene	13.50	119	45327	2.810	ug/l	90
90) Hexachloroethane	14.10	117	9500	2.987	ug/l #	11
95) Naphthalene	15.36	128	17137	1.987	ug/l #	77

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

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Instrument :
MSVOA_W
ClientSampleId :
WC4

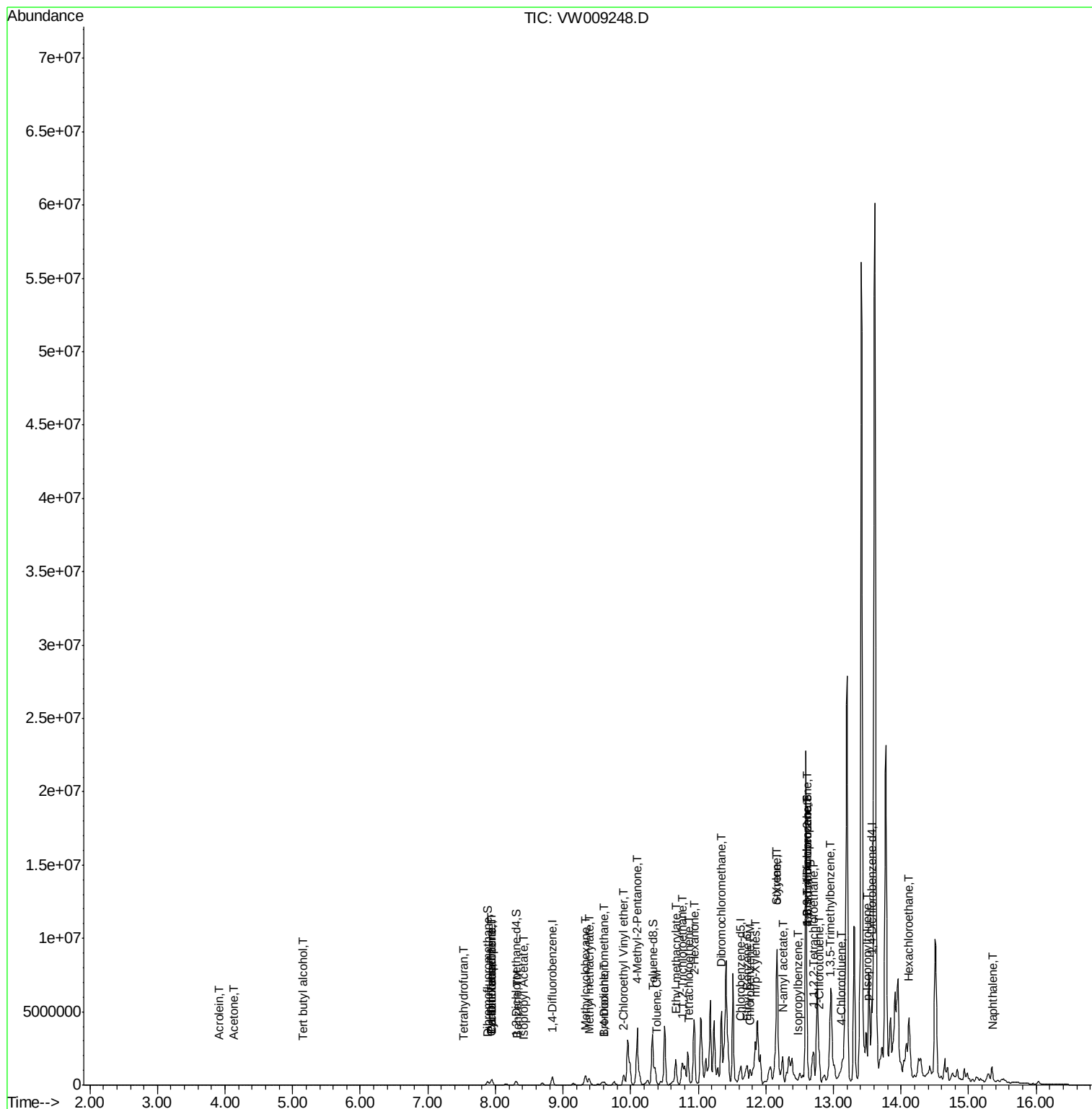
Quant Time: Mar 20 07:33:42 2019

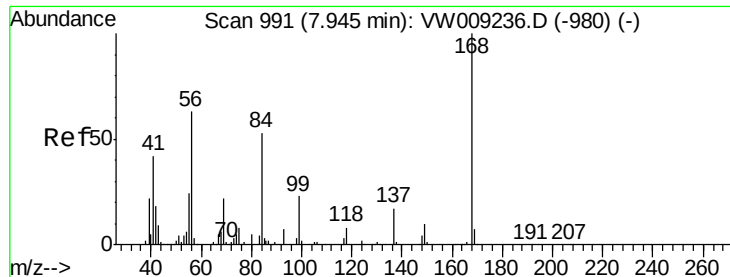
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W031919S.M

Quant Title : SW846 8260

QLast Update : Wed Mar 20 07:22:50 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW009248.D

Acq: 19 Mar 2019 18:20

Instrument :

MSVOA_W

ClientSampled :

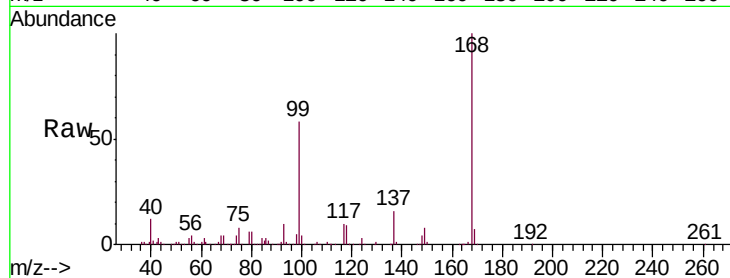
WC4

Tgt Ion:168 Resp: 275802

Ion Ratio Lower Upper

168 100

99 58.2 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

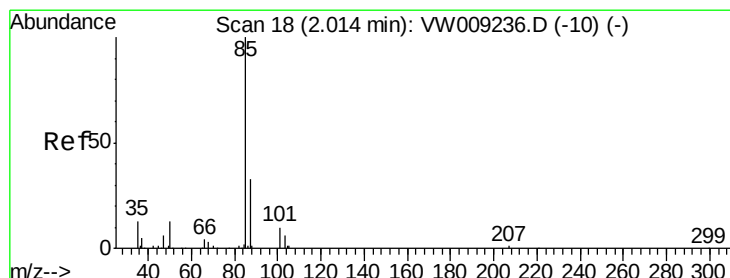
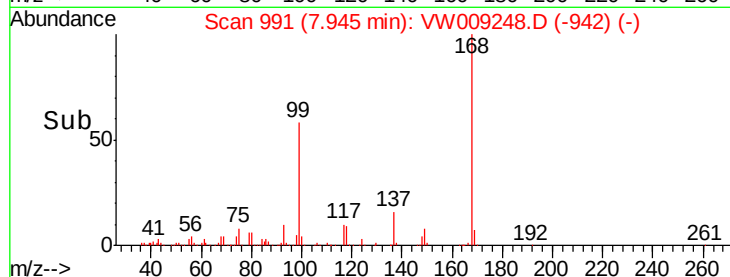
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW009248.D

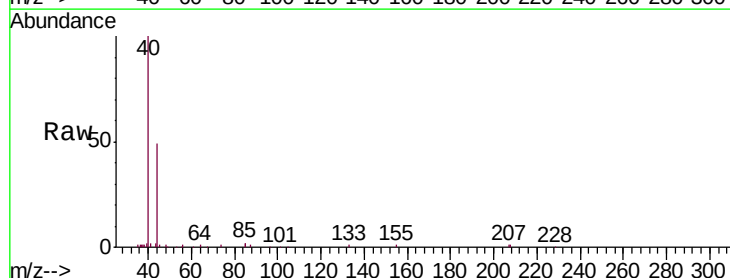
Acq: 19 Mar 2019 18:20

Tgt Ion: 85 Resp: 895

Ion Ratio Lower Upper

85 100

87 25.5 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

500

400

300

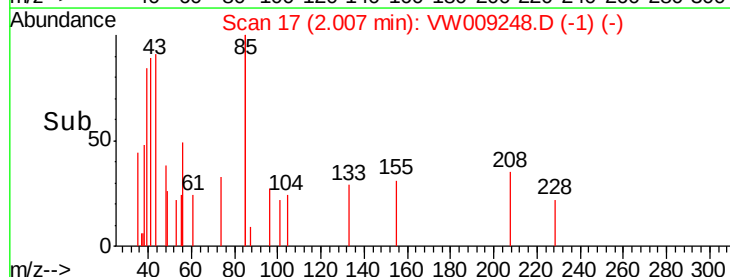
200

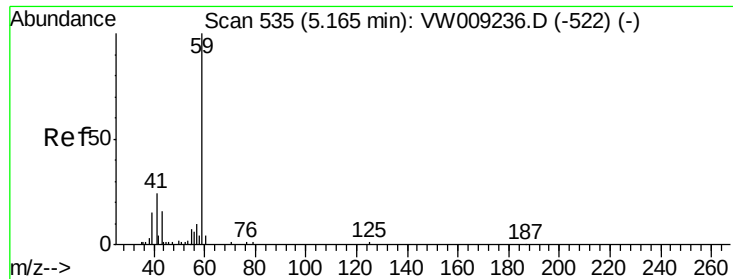
100

0

1.95 2.00 2.05

Time-->

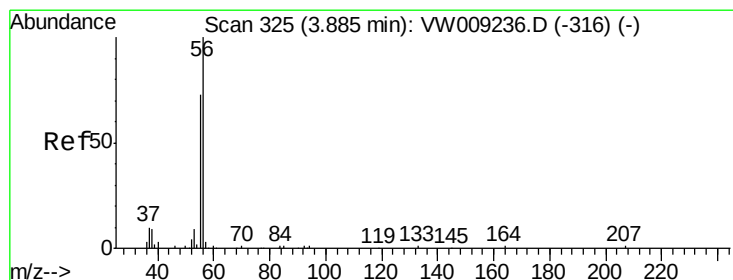
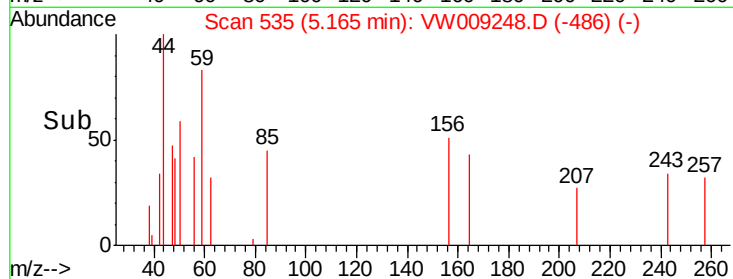
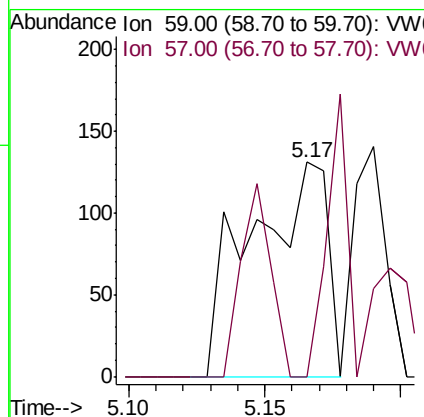
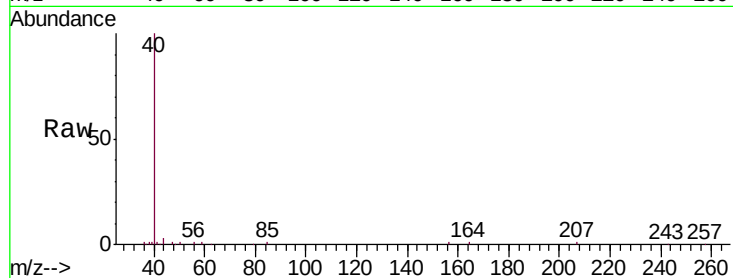




#11
Tert butyl alcohol
Concen: 1.491 ug/l
RT: 5.17 min Scan# 535
Delta R.T. 0.00 min
Lab File: VW009248.D
Acq: 19 Mar 2019 18:20

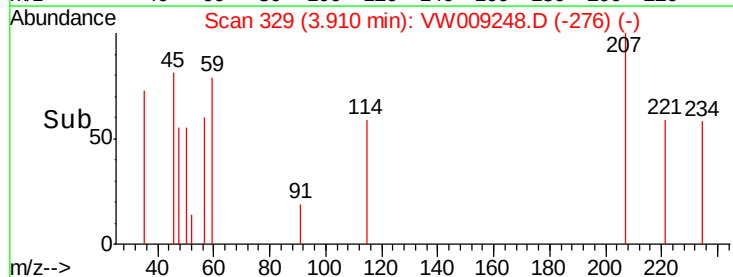
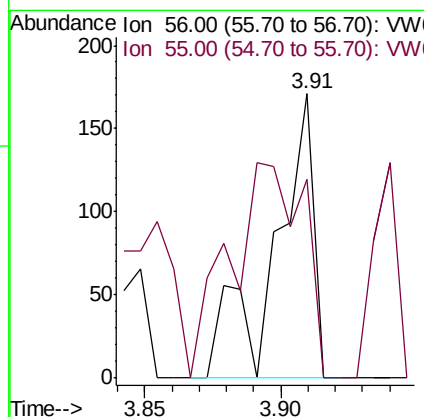
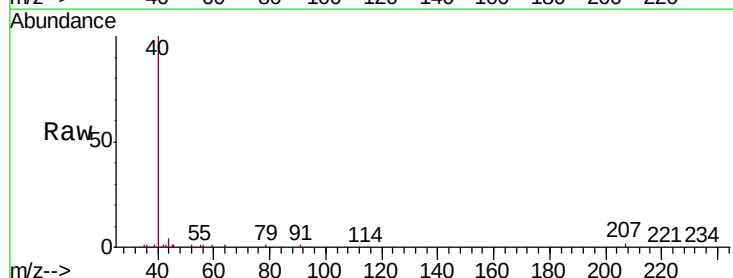
Instrument :
MSVOA_W
ClientSampled :
WC4

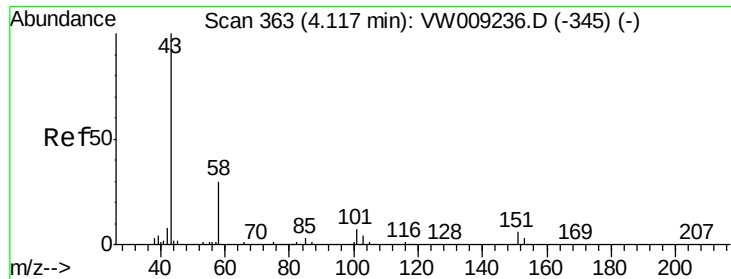
Tgt Ion: 59 Resp: 254
Ion Ratio Lower Upper
59 100
57 42.5 9.4 14.0#



#13
Acrolein
Concen: 1.208 ug/l
RT: 3.91 min Scan# 329
Delta R.T. 0.02 min
Lab File: VW009248.D
Acq: 19 Mar 2019 18:20

Tgt Ion: 56 Resp: 168
Ion Ratio Lower Upper
56 100
55 143.5 55.2 82.8#

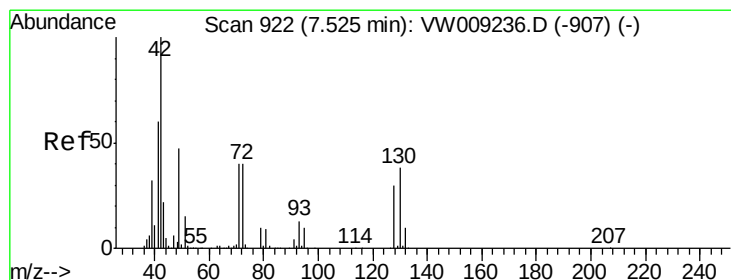
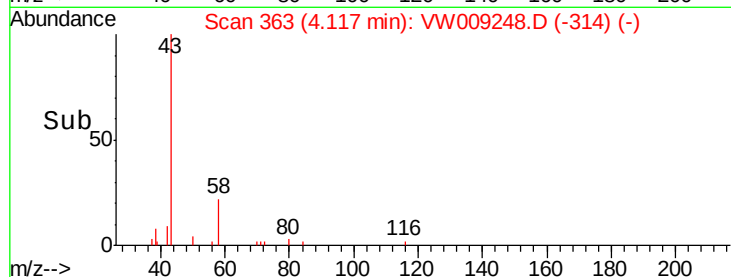
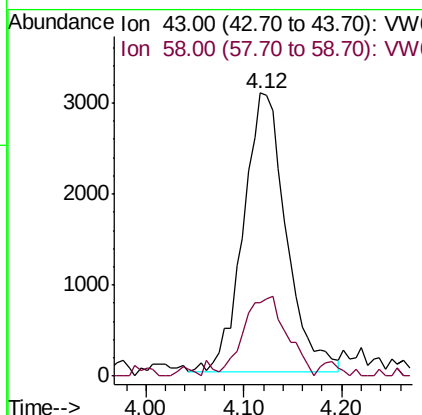
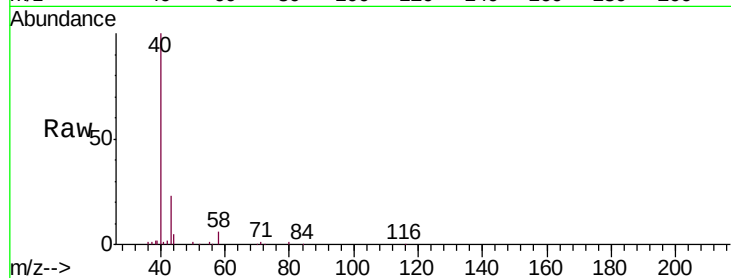




#16
Acetone
Concen: 15.420 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW009248.D
Acq: 19 Mar 2019 18:20

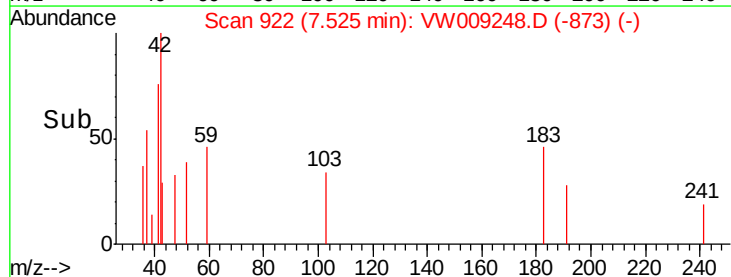
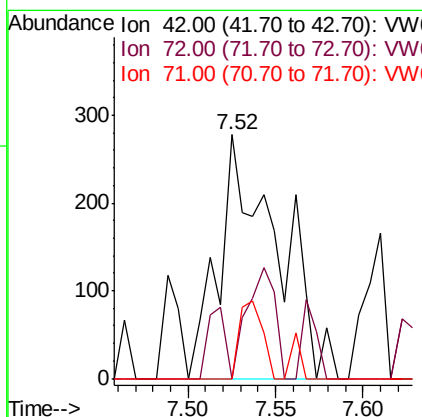
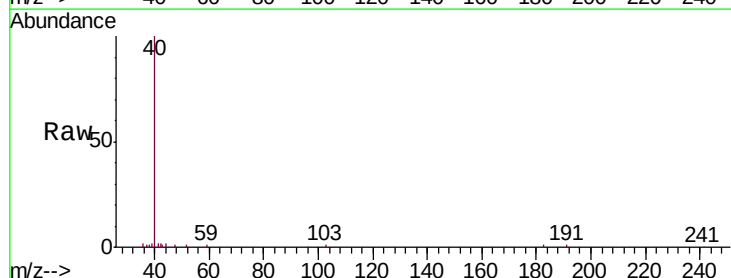
Instrument :
MSVOA_W
ClientSampled :
WC4

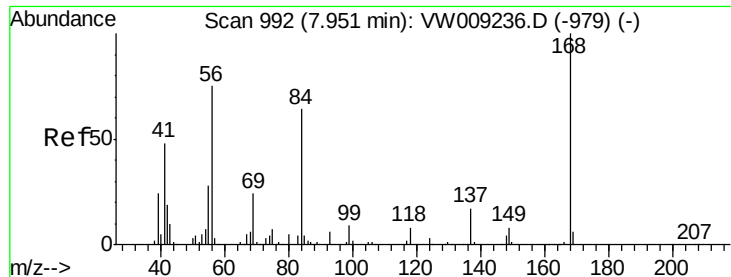
Tgt Ion: 43 Resp: 9281
Ion Ratio Lower Upper
43 100
58 23.9 23.6 35.4



#29
Tetrahydrofuran
Concen: 1.180 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW009248.D
Acq: 19 Mar 2019 18:20

Tgt Ion: 42 Resp: 647
Ion Ratio Lower Upper
42 100
72 8.7 32.4 48.6#
71 0.0 30.1 45.1#

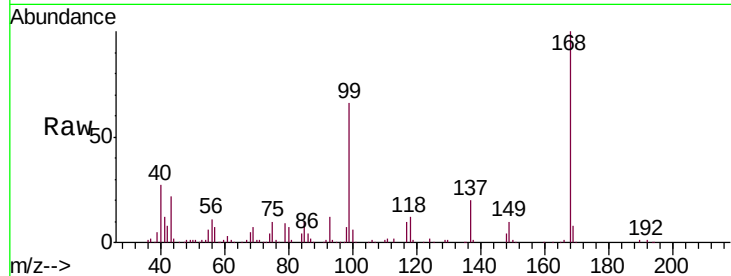




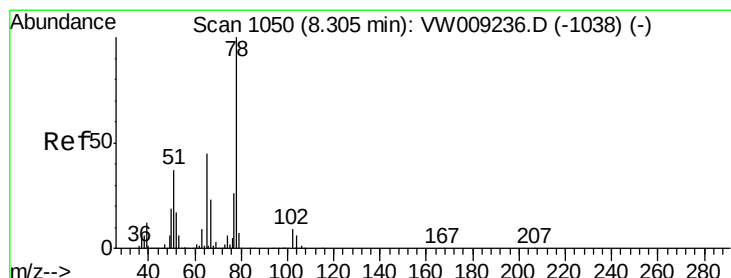
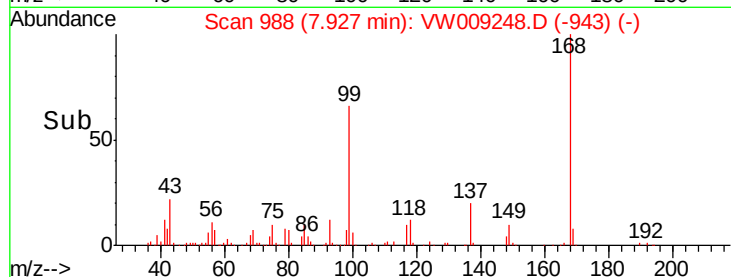
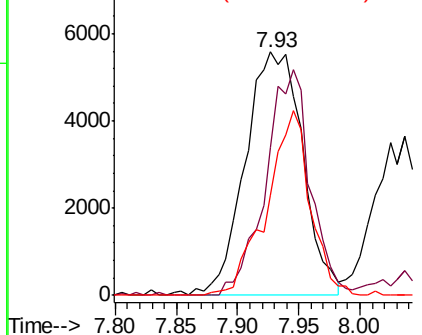
#31
Cyclohexane
Concen: 3.786 ug/l
RT: 7.93 min Scan# 988
Delta R.T. -0.02 min
Lab File: VW009248.D
Acq: 19 Mar 2019 18:20

Instrument :
MSVOA_W
ClientSampled :
WC4

Tgt Ion: 56 Resp: 18223
Ion Ratio Lower Upper
56 100
69 60.4 26.1 39.1#
84 40.9 68.6 103.0#

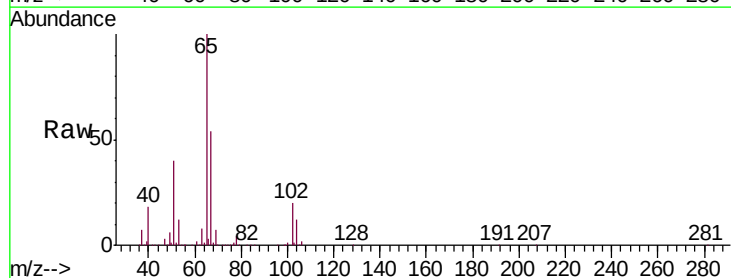


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

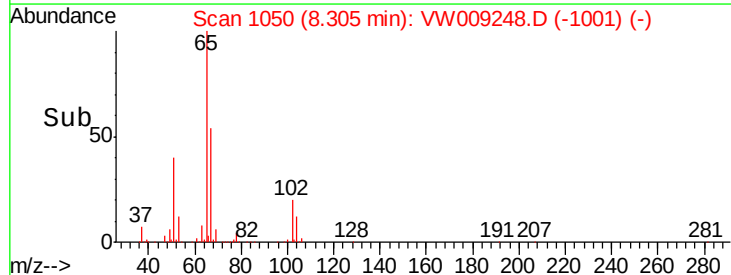
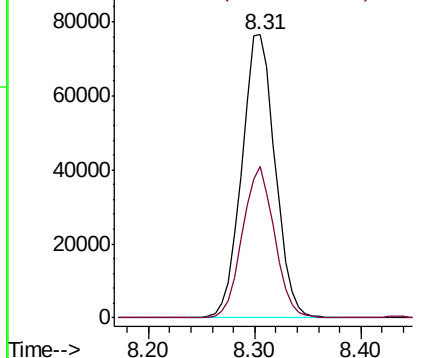


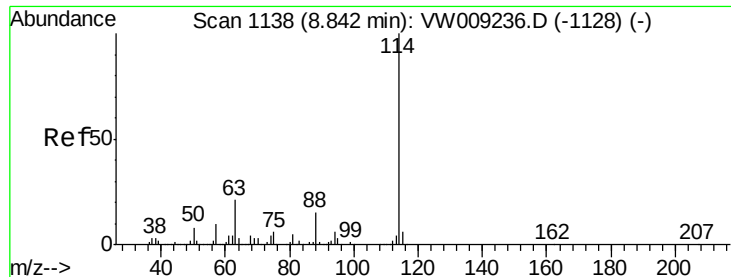
#33
1,2-Dichloroethane-d4
Concen: 57.423 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW009248.D
Acq: 19 Mar 2019 18:20

Tgt Ion: 65 Resp: 168459
Ion Ratio Lower Upper
65 100
67 51.4 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: VW009248.D

Acq: 19 Mar 2019 18:20

Instrument :

MSVOA_W

ClientSampleId :

WC4

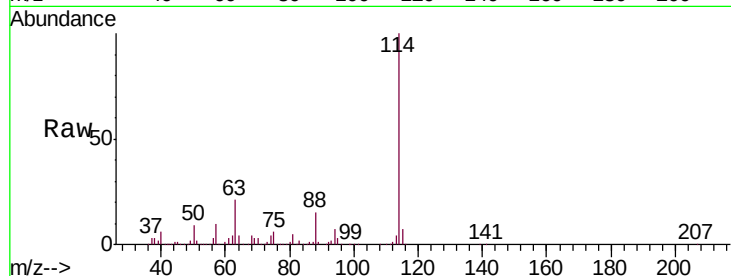
Tgt Ion:114 Resp: 453764

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.2

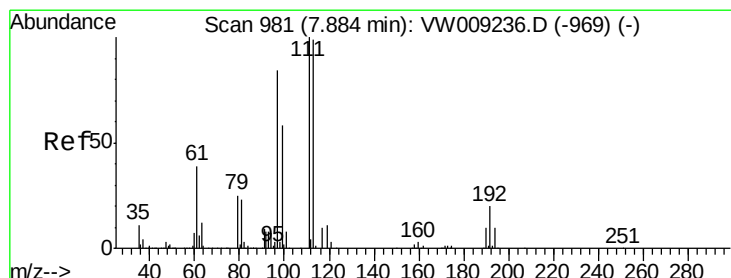
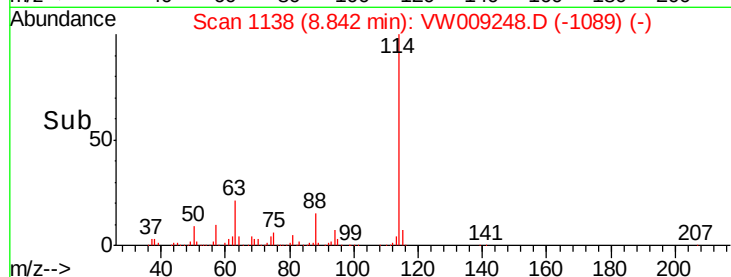
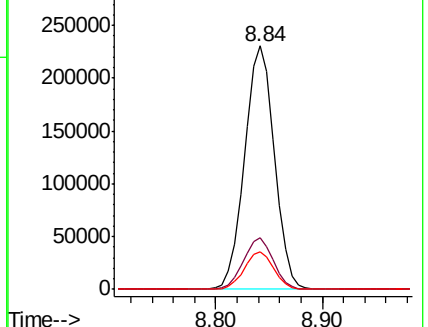
88 15.5 0.0 30.8



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: 51.979 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW009248.D

Acq: 19 Mar 2019 18:20

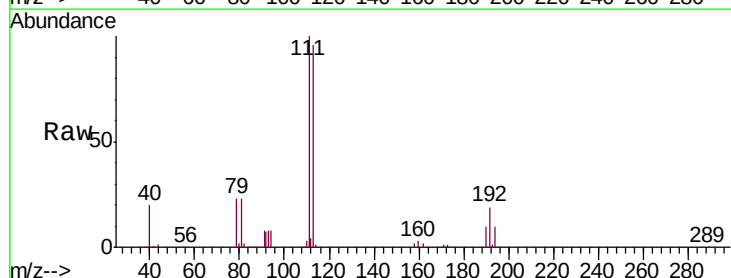
Tgt Ion:113 Resp: 149617

Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

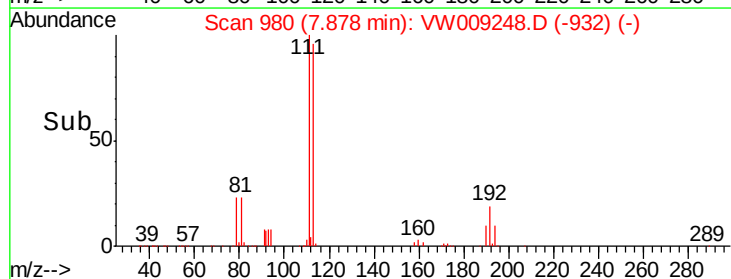
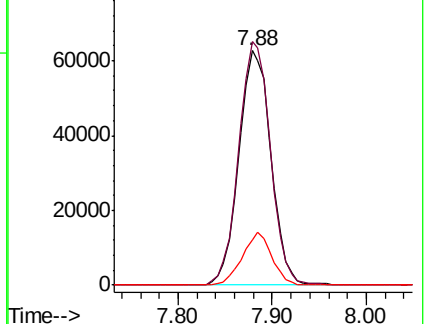
192 20.8 16.4 24.6

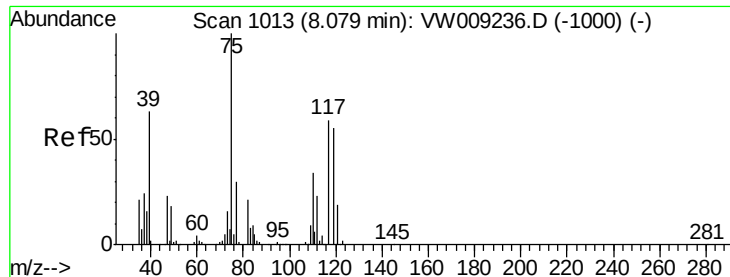


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

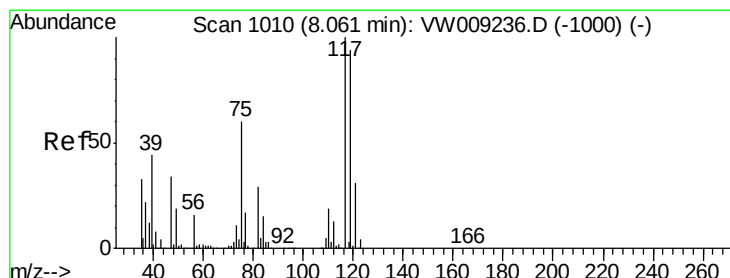
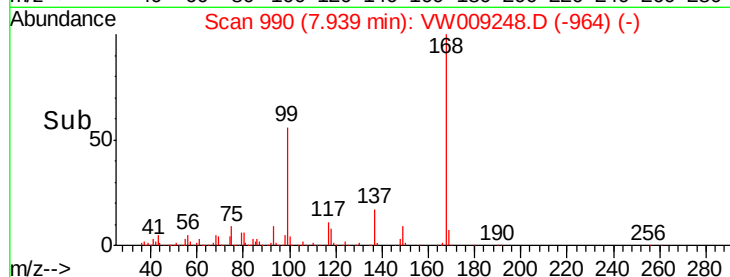
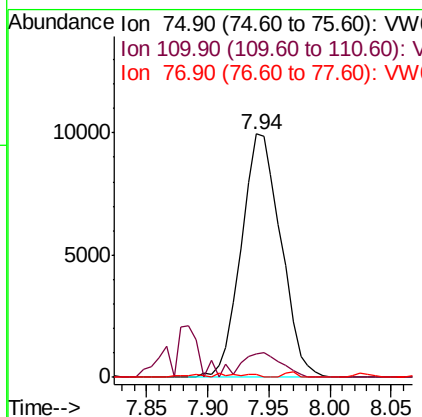
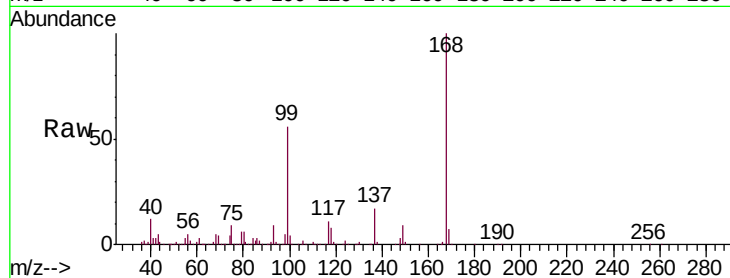




#36
 1,1-Dichloropropene
 Concen: 4.952 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW009248.D
 Acq: 19 Mar 2019 18:20

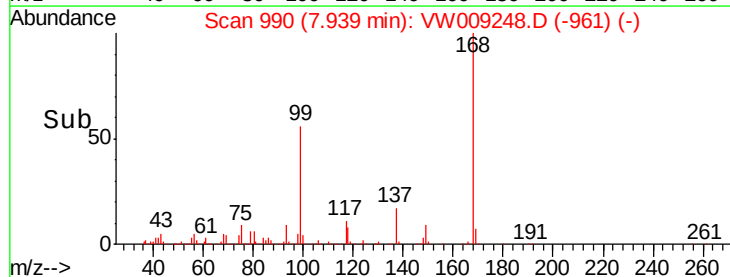
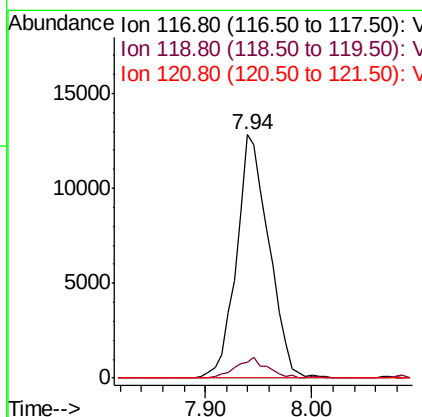
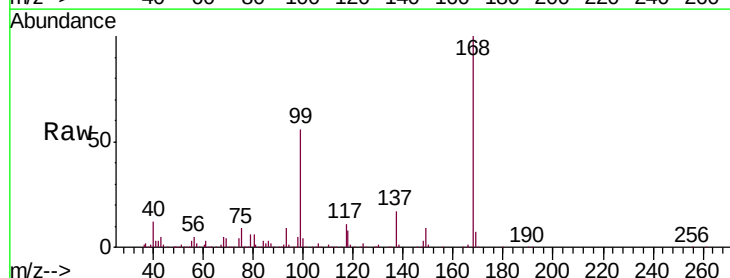
Instrument :
 MSVOA_W
 ClientSampled :
 WC4

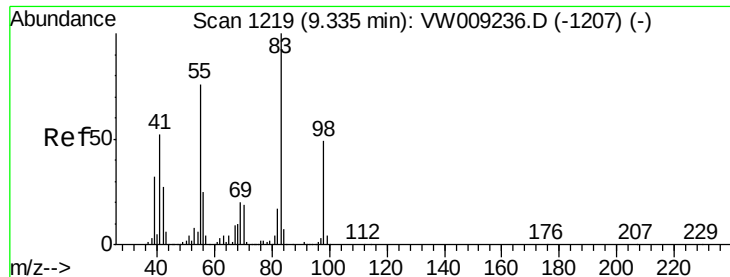
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.7	16.8	50.4#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.737 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.12 min
 Lab File: VW009248.D
 Acq: 19 Mar 2019 18:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.4	75.4	113.0#
121	0.0	24.9	37.3#

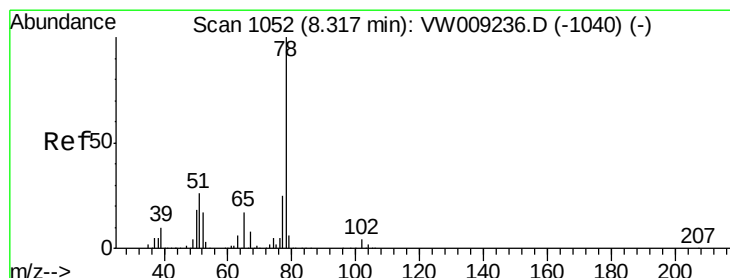
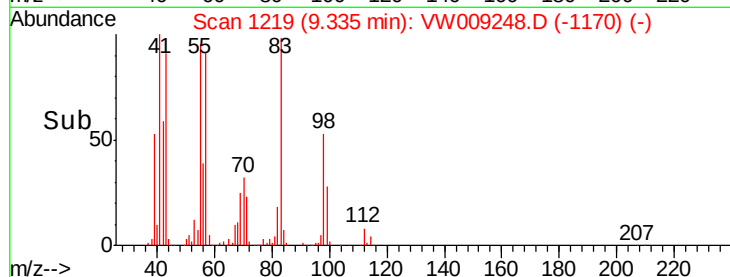
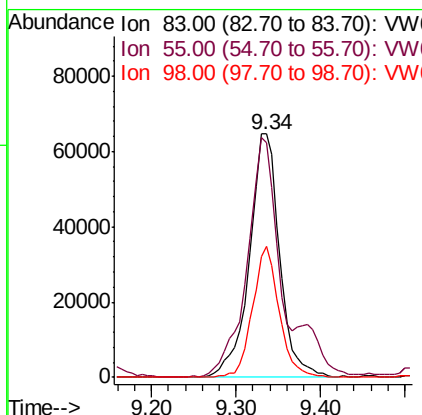
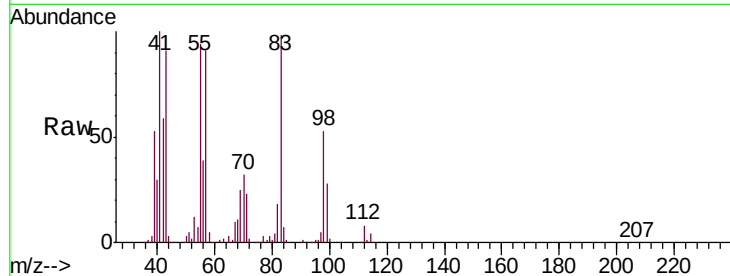




#39
Methylcyclohexane
Concen: 30.239 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW009248.D
Acq: 19 Mar 2019 18:20

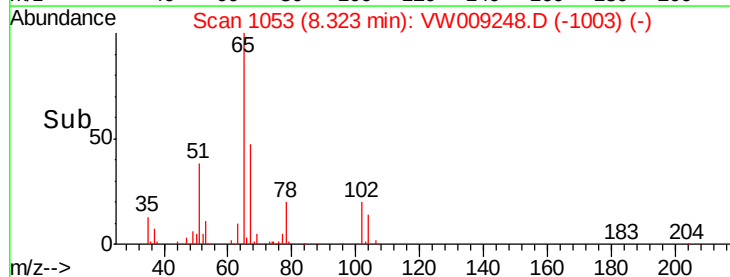
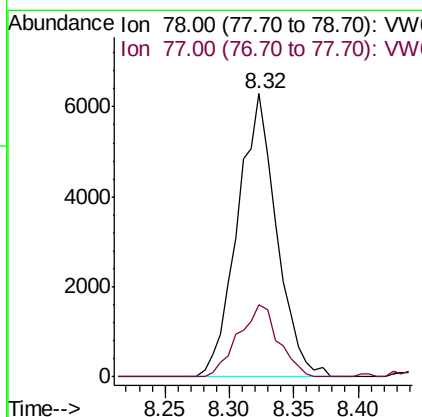
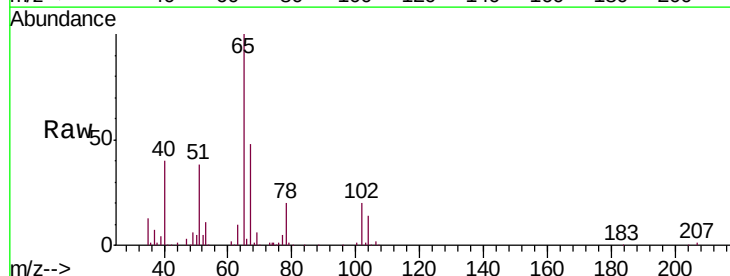
Instrument :
MSVOA_W
ClientSampled :
WC4

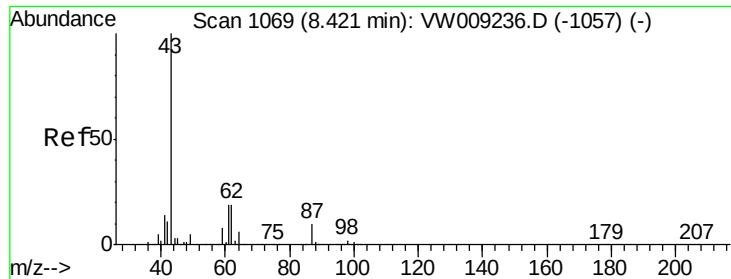
Tgt Ion: 83 Resp: 157971
Ion Ratio Lower Upper
83 100
55 95.8 61.1 91.7#
98 53.9 39.0 58.4



#40
Benzene
Concen: 1.080 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW009248.D
Acq: 19 Mar 2019 18:20

Tgt Ion: 78 Resp: 13225
Ion Ratio Lower Upper
78 100
77 25.4 19.8 29.6





#43

Isopropyl Acetate

Concen: 1.092 ug/l

RT: 8.41 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VW009248.D

Acq: 19 Mar 2019 18:20

Instrument :

MSVOA_W

ClientSampleId :

WC4

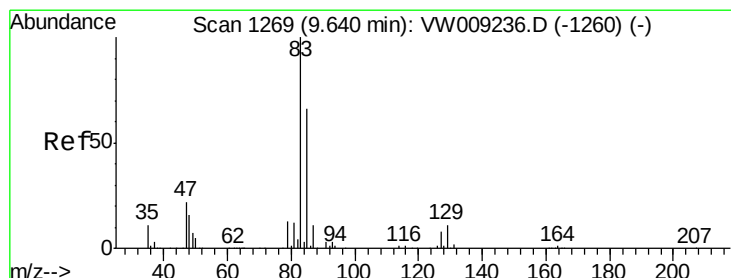
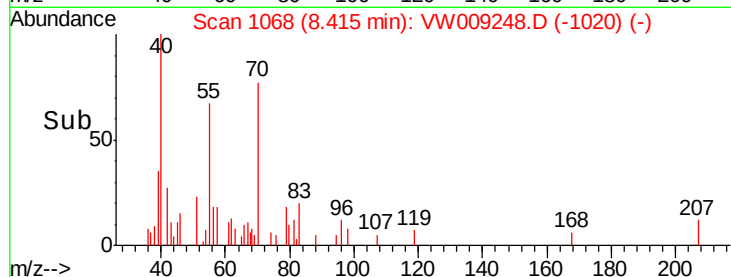
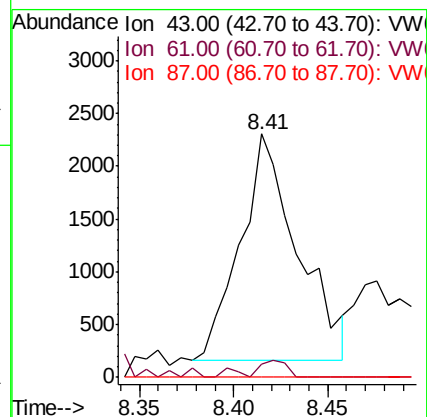
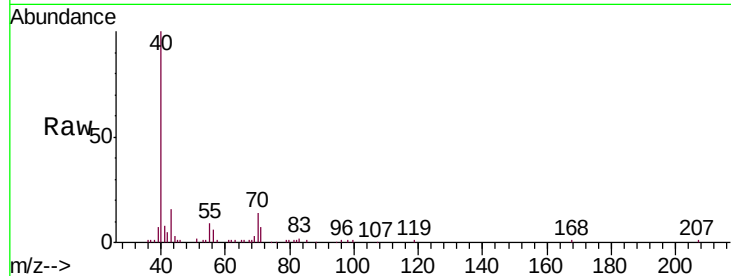
Tgt Ion: 43 Resp: 4504

Ion Ratio Lower Upper

43 100

61 4.6 22.2 33.2#

87 0.0 9.6 14.4#



#47

Bromodichloromethane

Concen: 1.447 ug/l

RT: 9.61 min Scan# 1264

Delta R.T. -0.03 min

Lab File: VW009248.D

Acq: 19 Mar 2019 18:20

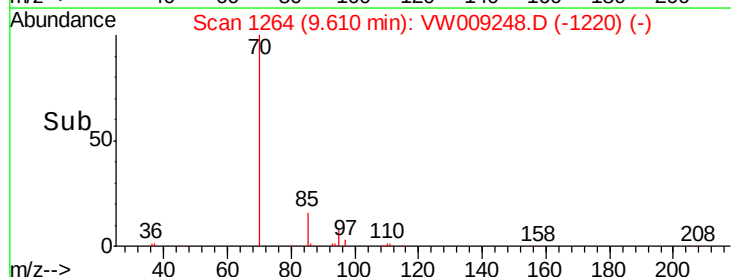
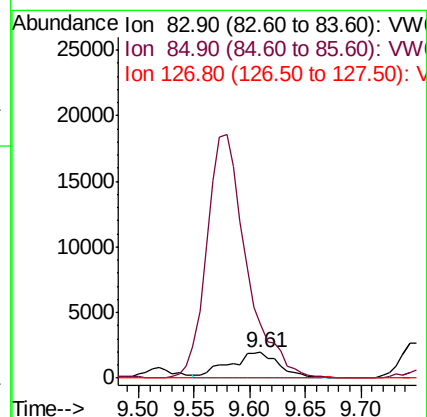
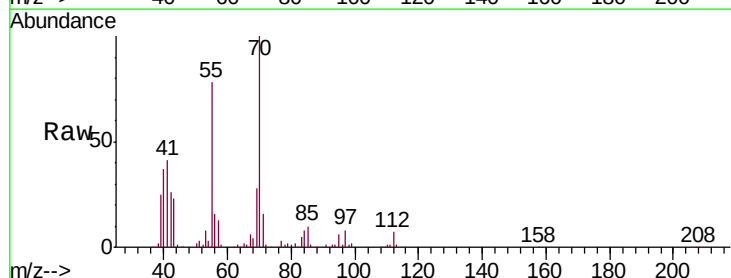
Tgt Ion: 83 Resp: 6259

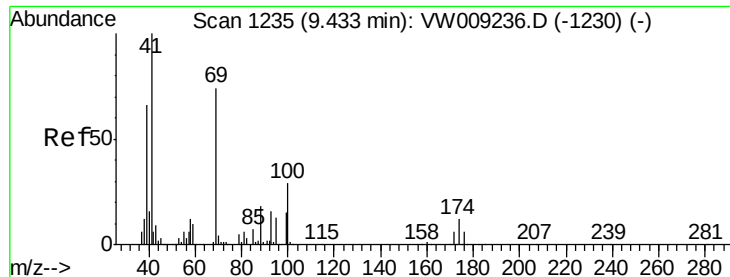
Ion Ratio Lower Upper

83 100

85 208.8 52.6 79.0#

127 0.0 6.5 9.7#

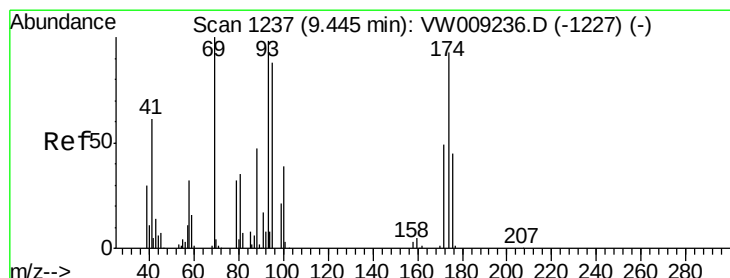
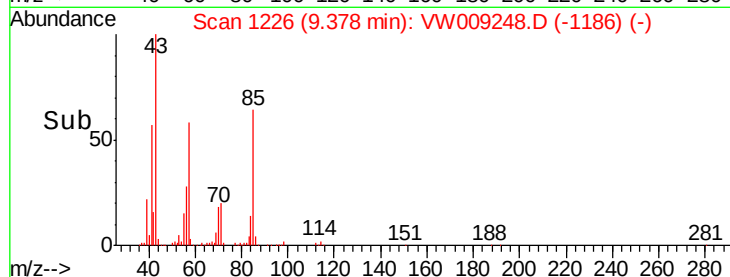
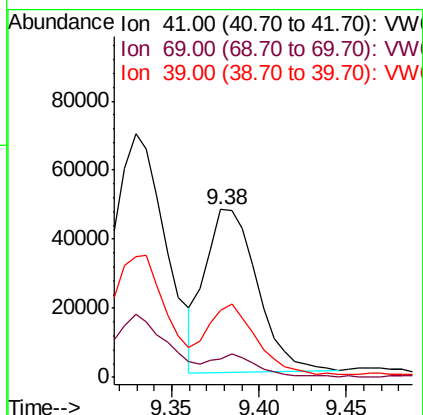
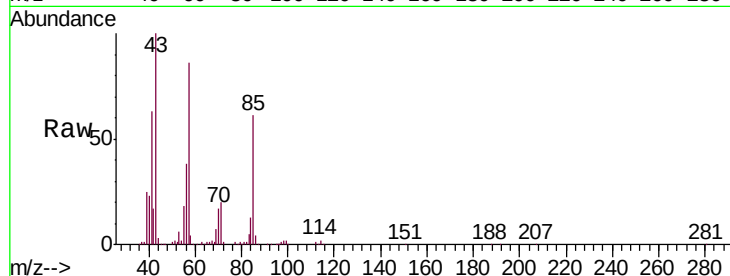




#48
Methyl methacrylate
Concen: 51.062 ug/l
RT: 9.38 min Scan# 1226
Delta R.T. -0.05 min
Lab File: VW009248.D
Acq: 19 Mar 2019 18:20

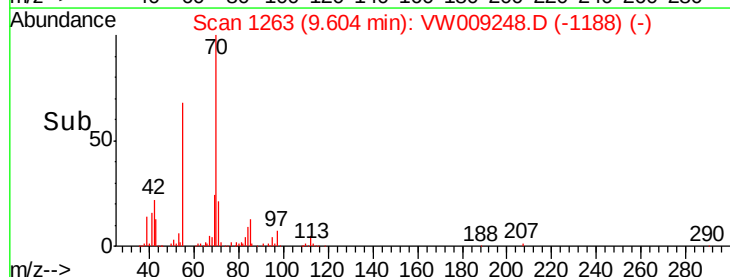
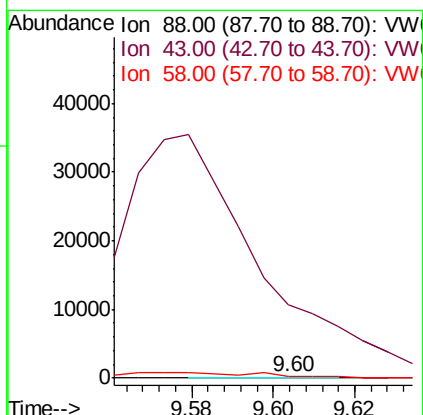
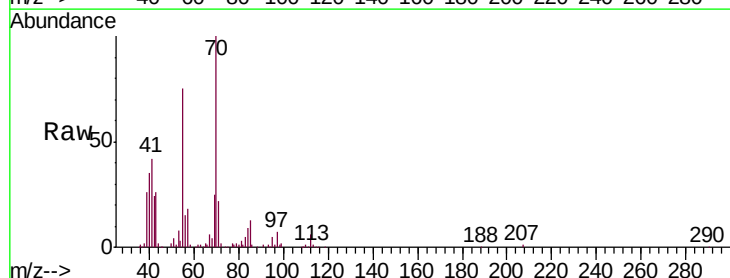
Instrument :
MSVOA_W
ClientSampled :
WC4

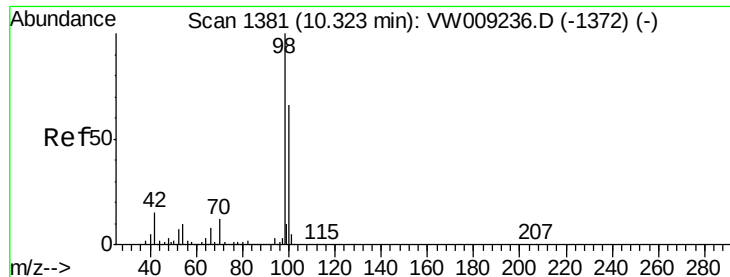
Tgt Ion: 41 Resp: 97539
Ion Ratio Lower Upper
41 100
69 12.8 63.0 94.6#
39 42.4 57.2 85.8#



#49
1,4-Dioxane
Concen: 2.147 ug/l
RT: 9.60 min Scan# 1263
Delta R.T. 0.16 min
Lab File: VW009248.D
Acq: 19 Mar 2019 18:20

Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 0.0 29.7 44.5#
58 0.0 58.1 87.1#

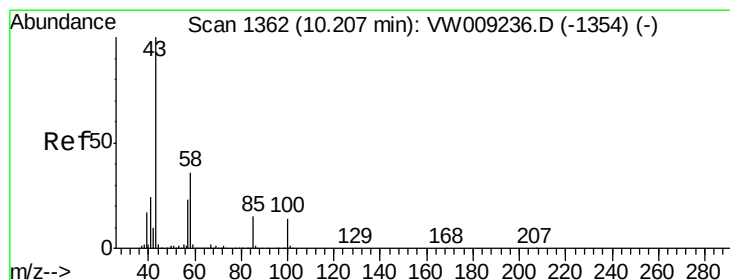
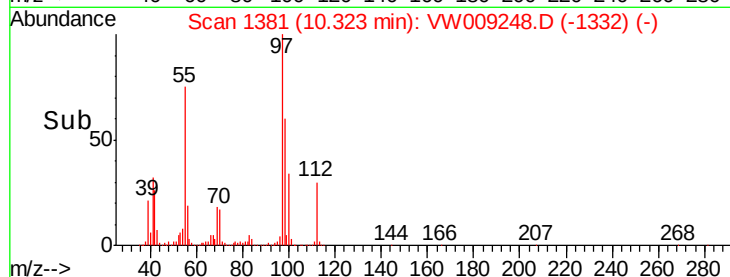
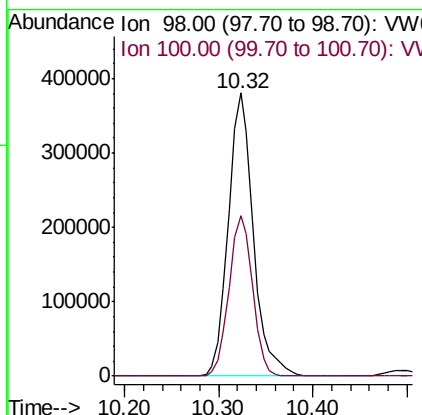
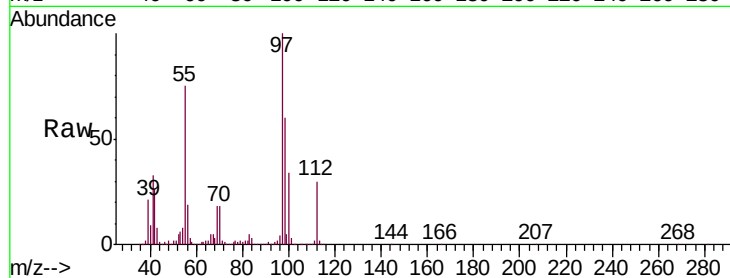




#50
Toluene-d8
Concen: 67.305 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW009248.D
Acq: 19 Mar 2019 18:20

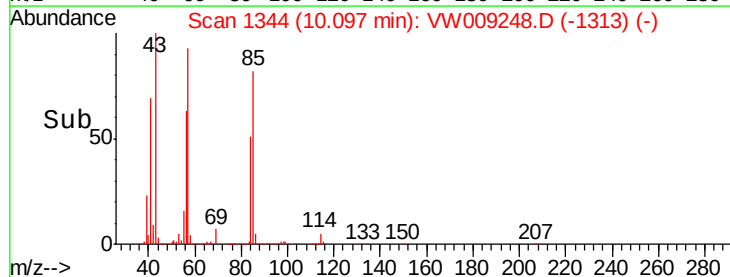
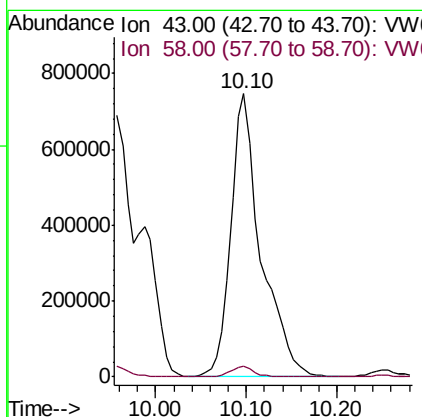
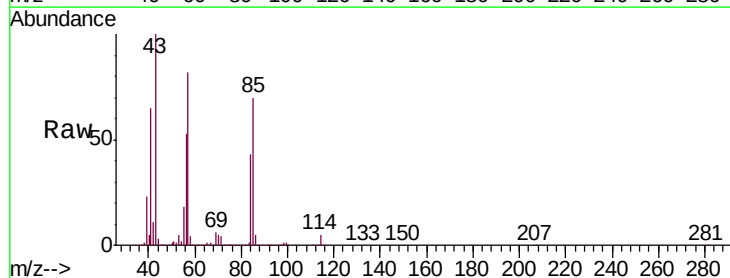
Instrument :
MSVOA_W
ClientSampled :
WC4

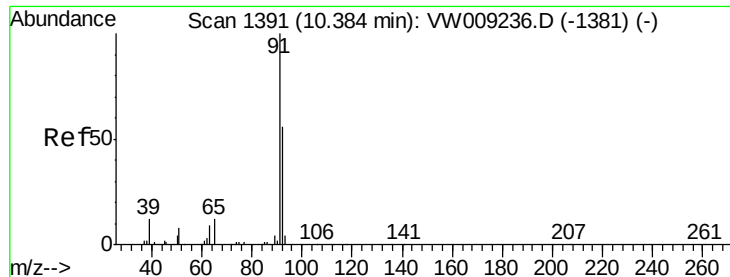
Tgt Ion: 98 Resp: 704038
Ion Ratio Lower Upper
98 100
100 53.2 52.6 79.0



#51
4-Methyl-2-Pentanone
Concen: 792.660 ug/l
RT: 10.10 min Scan# 1344
Delta R.T. -0.11 min
Lab File: VW009248.D
Acq: 19 Mar 2019 18:20

Tgt Ion: 43 Resp: 1704399
Ion Ratio Lower Upper
43 100
58 3.1 28.6 42.8#





#52

Toluene

Concen: 3.530 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW009248.D

Acq: 19 Mar 2019 18:20

Instrument :

MSVOA_W

ClientSampled :

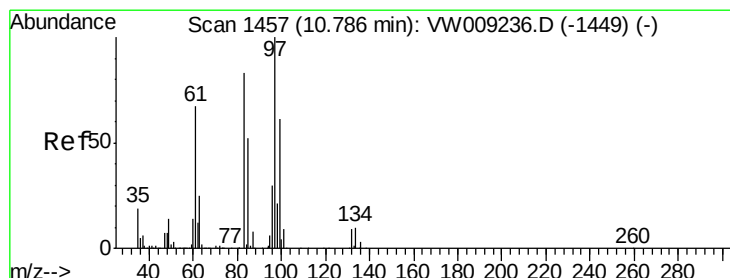
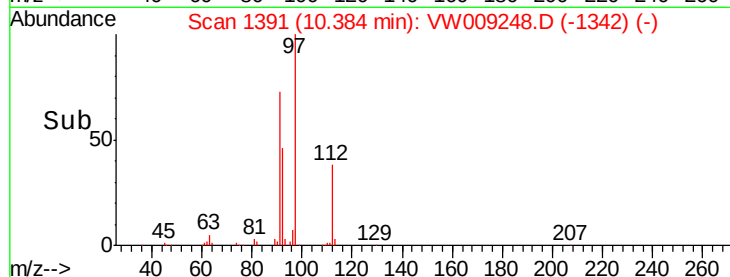
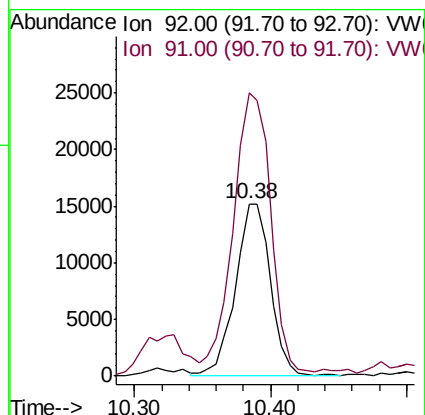
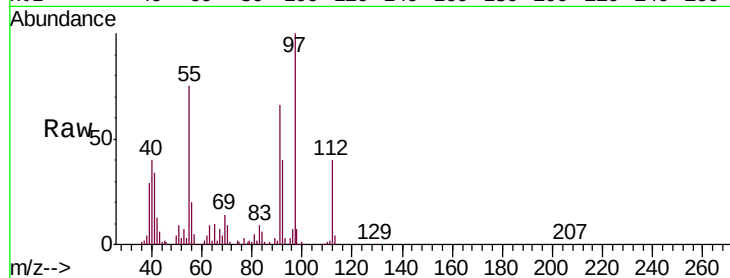
WC4

Tgt Ion: 92 Resp: 27387

Ion Ratio Lower Upper

92 100

91 171.5 140.1 210.1



#55

1,1,2-Trichloroethane

Concen: 221.824 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW009248.D

Acq: 19 Mar 2019 18:20

Tgt Ion: 97 Resp: 514138

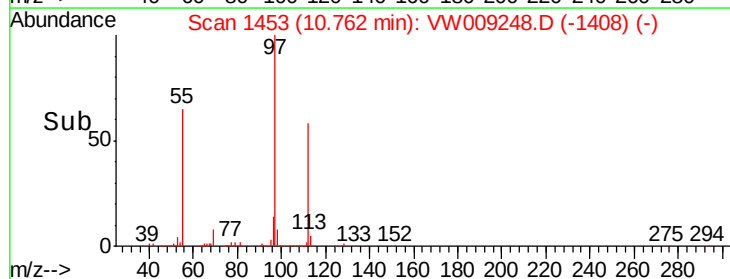
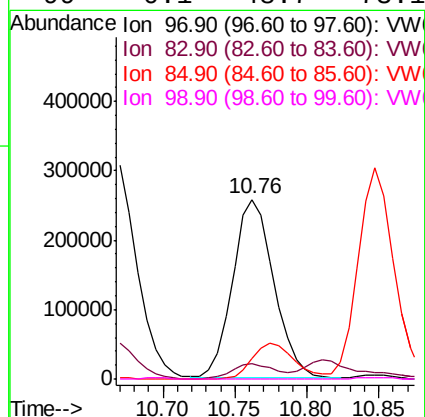
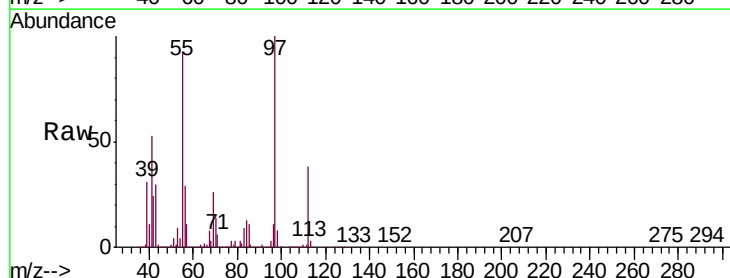
Ion Ratio Lower Upper

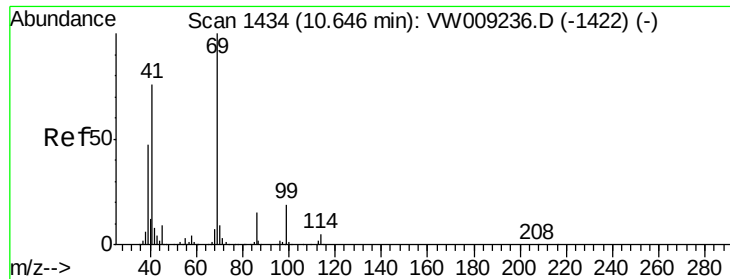
97 100

83 8.4 66.3 99.5#

85 11.3 41.4 62.2#

99 0.1 48.7 73.1#

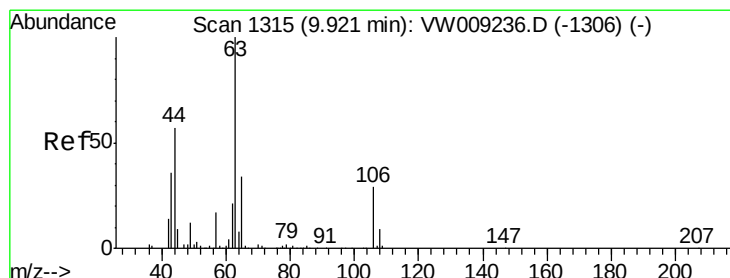
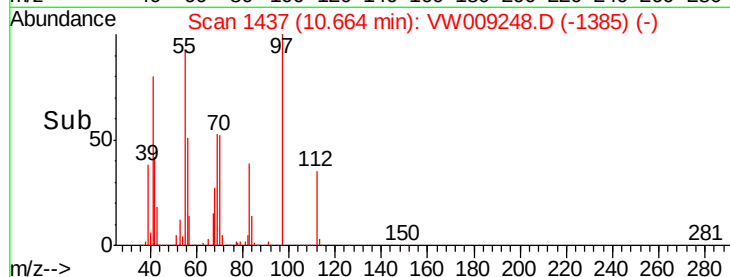
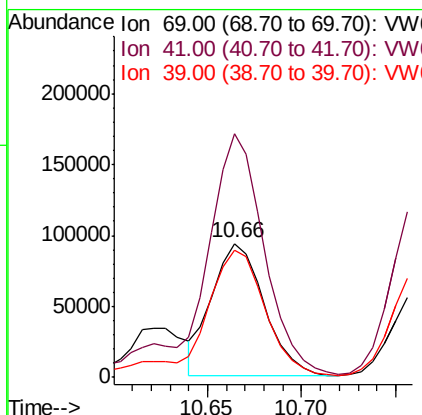
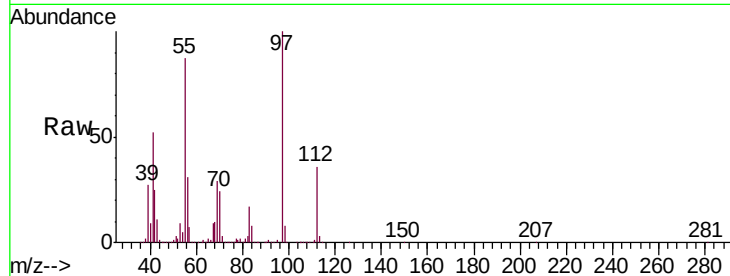




#56
 Ethyl methacrylate
 Concen: 65.802 ug/l
 RT: 10.66 min Scan# 1437
 Delta R.T. 0.02 min
 Lab File: VW009248.D
 Acq: 19 Mar 2019 18:20

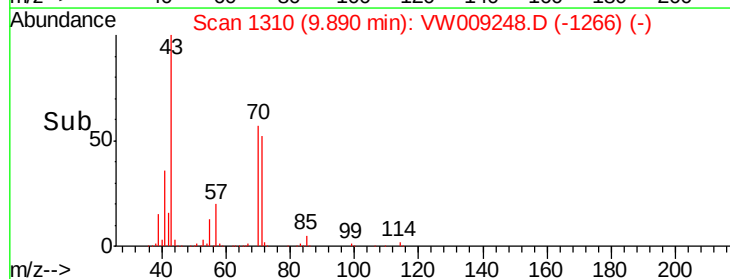
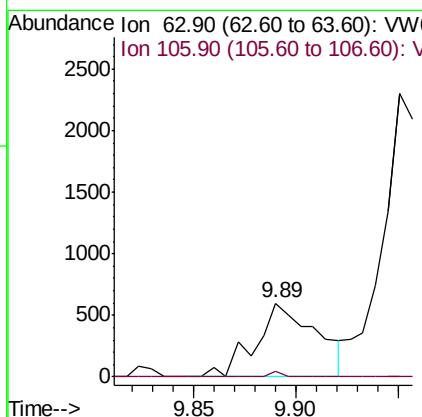
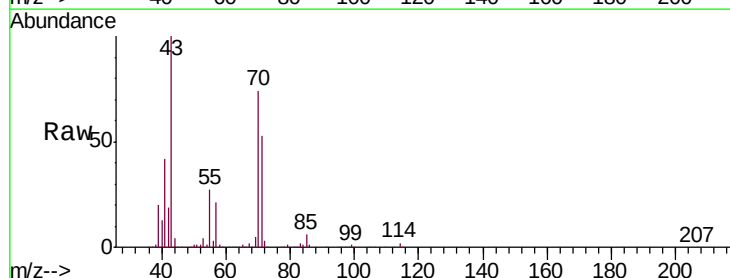
Instrument :
 MSVOA_W
 ClientSampled :
 WC4

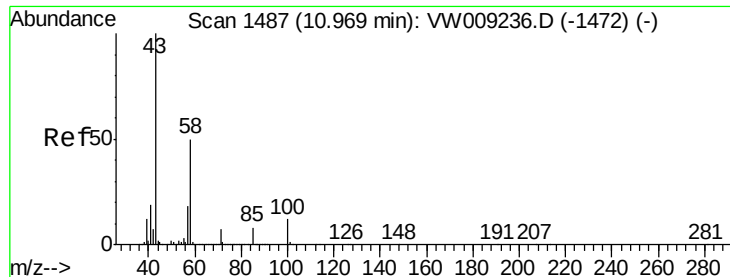
Tgt Ion: 69 Resp: 181608
 Ion Ratio Lower Upper
 69 100
 41 213.7 59.3 88.9#
 39 114.9 36.2 54.2#



#58
 2-Chloroethyl Vinyl ether
 Concen: 1.534 ug/l
 RT: 9.89 min Scan# 1310
 Delta R.T. -0.03 min
 Lab File: VW009248.D
 Acq: 19 Mar 2019 18:20

Tgt Ion: 63 Resp: 1239
 Ion Ratio Lower Upper
 63 100
 106 1.5 22.9 34.3#





#59

2-Hexanone

Concen: 1228.065 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.03 min

Lab File: VW009248.D

Acq: 19 Mar 2019 18:20

Instrument :

MSVOA_W

ClientSampleId :

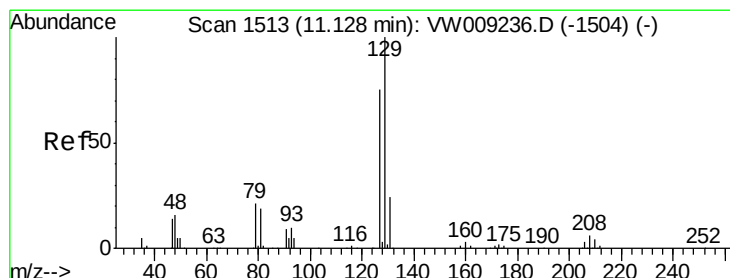
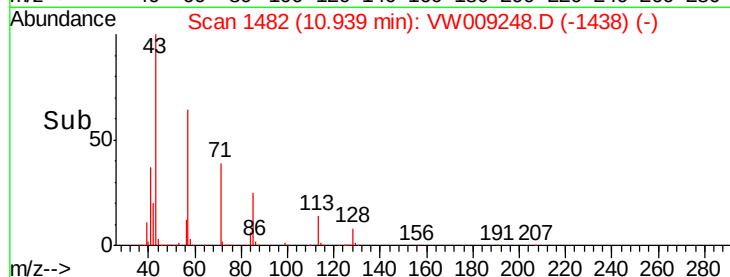
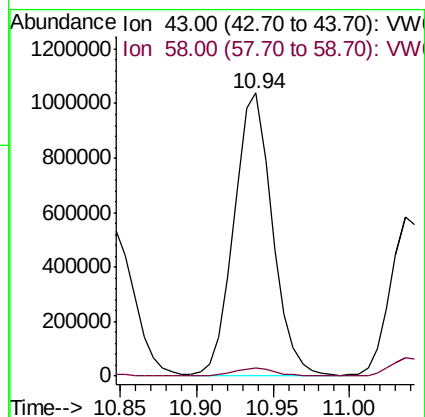
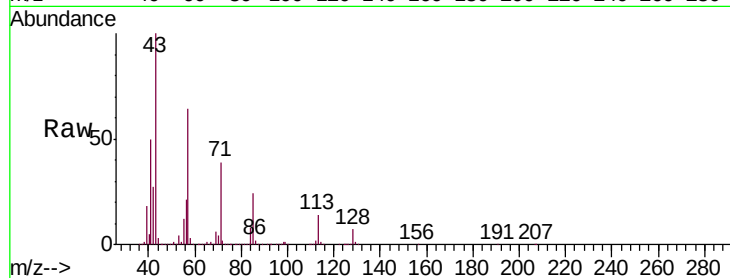
WC4

Tgt Ion: 43 Resp: 1792715

Ion Ratio Lower Upper

43 100

58 3.0 24.2 72.6#



#60

Dibromochloromethane

Concen: 1.405 ug/l

RT: 11.34 min Scan# 1548

Delta R.T. 0.21 min

Lab File: VW009248.D

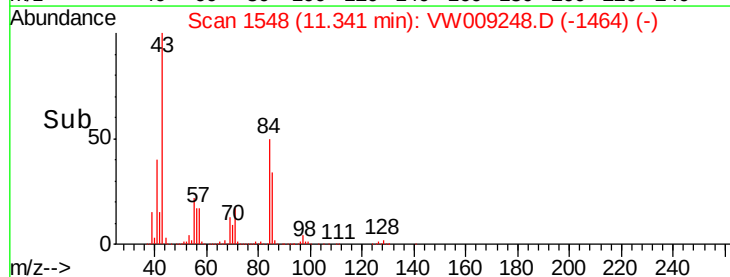
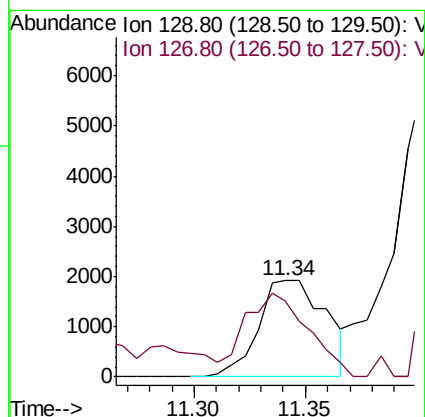
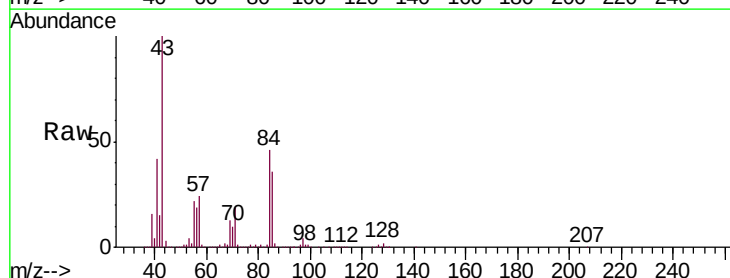
Acq: 19 Mar 2019 18:20

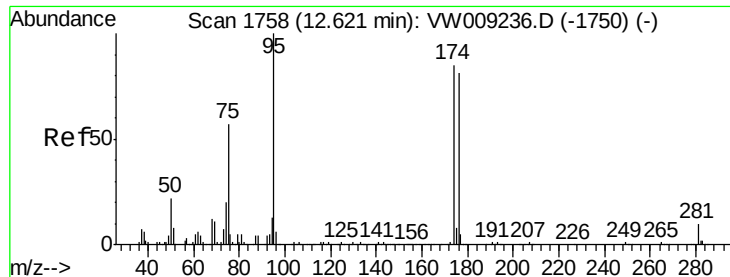
Tgt Ion: 129 Resp: 4023

Ion Ratio Lower Upper

129 100

127 82.0 38.1 114.5

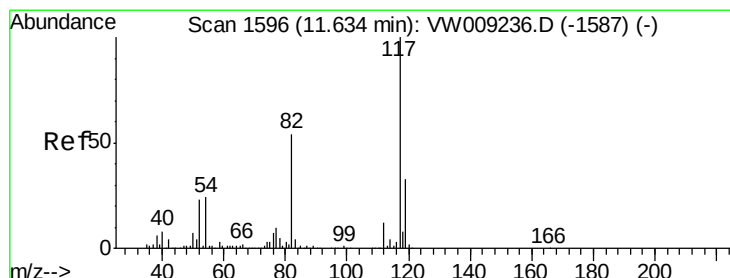
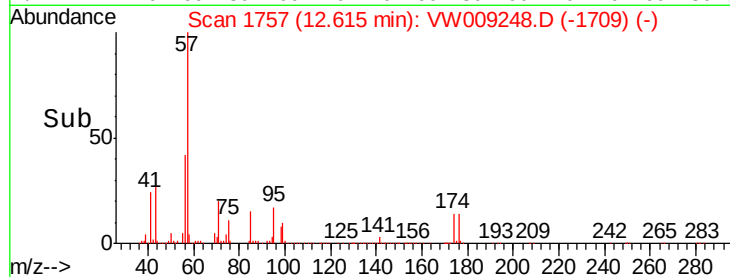
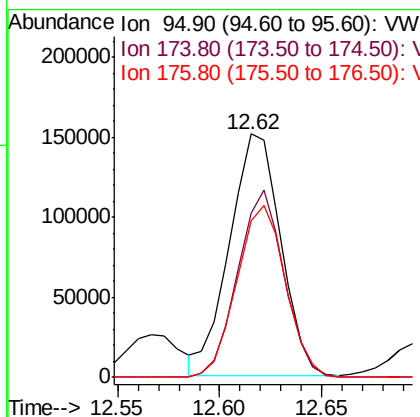
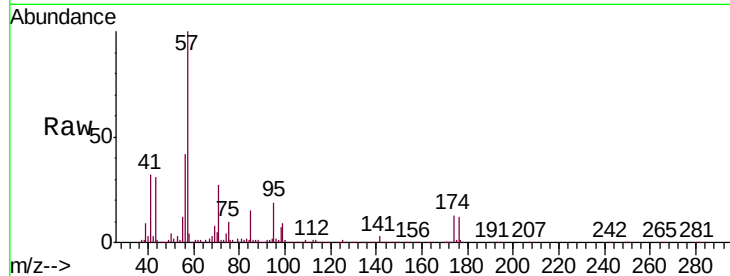




#62
4-Bromofluorobenzene
Concen: 68.340 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW009248.D
Acq: 19 Mar 2019 18:20

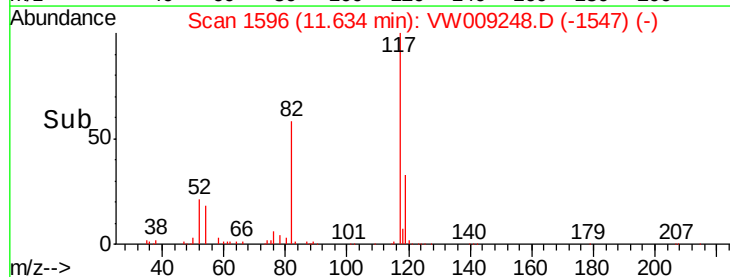
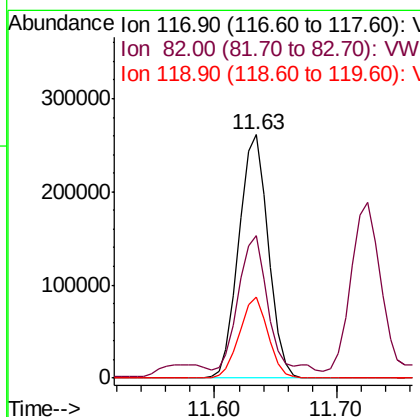
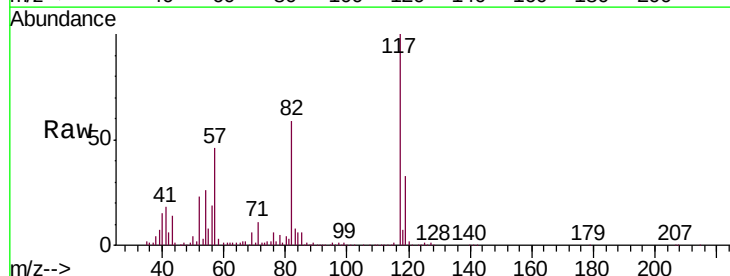
Instrument :
MSVOA_W
ClientSampleId :
WC4

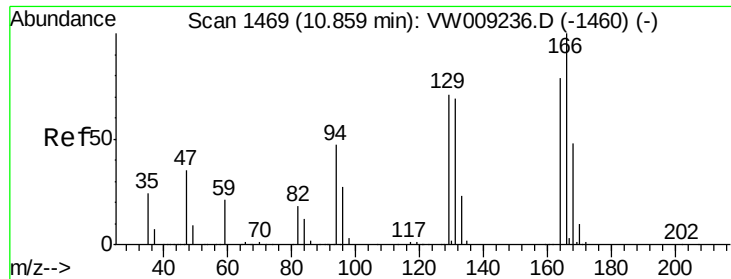
Tgt Ion: 95 Resp: 262476
Ion Ratio Lower Upper
95 100
174 70.6 0.0 168.4
176 67.9 0.0 161.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009248.D
Acq: 19 Mar 2019 18:20

Tgt Ion: 117 Resp: 436073
Ion Ratio Lower Upper
117 100
82 53.1 43.6 65.4
119 33.2 26.0 39.0





#64

Tetrachloroethene

Concen: 1.061 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW009248.D

Acq: 19 Mar 2019 18:20

Instrument :

MSVOA_W

ClientSampleId :

WC4

Tgt Ion:164 Resp: 3169

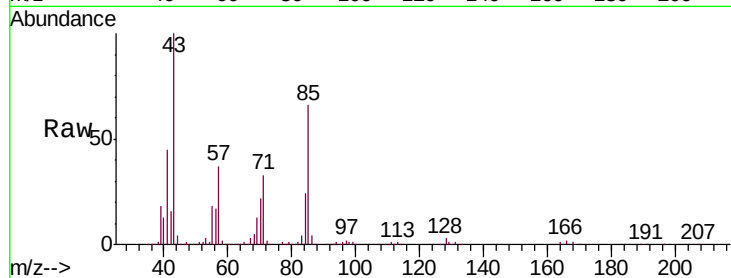
Ion Ratio Lower Upper

164 100

166 128.0 100.9 151.3

129 98.2 72.0 108.0

131 88.9 69.8 104.6

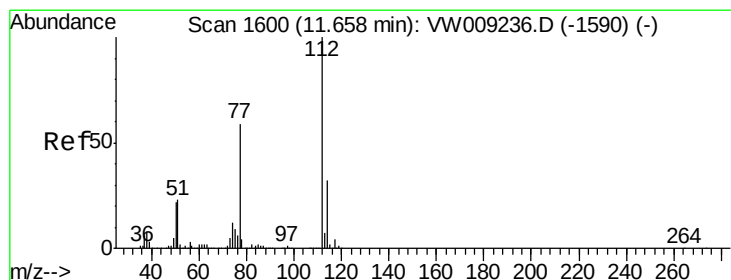
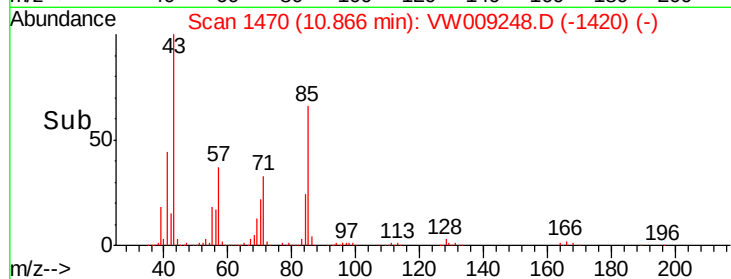
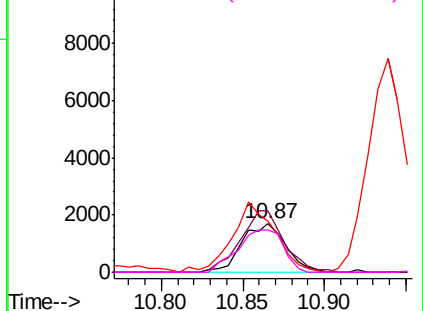


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 2.068 ug/l

RT: 11.77 min Scan# 1618

Delta R.T. 0.11 min

Lab File: VW009248.D

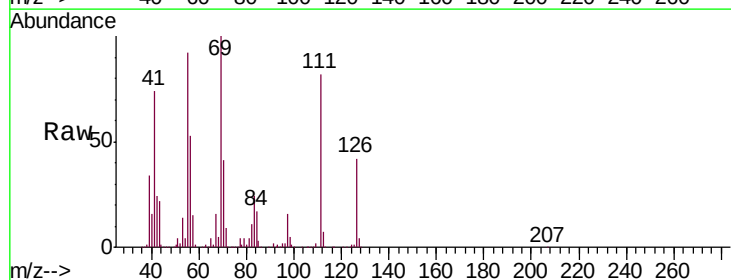
Acq: 19 Mar 2019 18:20

Tgt Ion:112 Resp: 18646

Ion Ratio Lower Upper

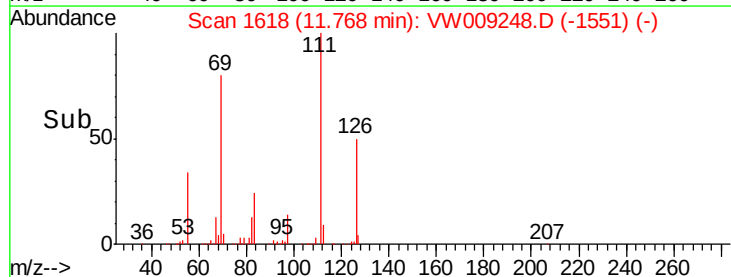
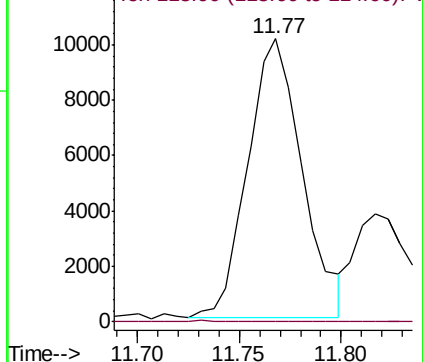
112 100

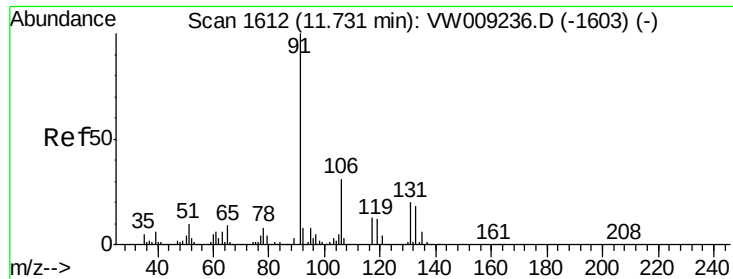
114 0.0 25.6 38.4#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

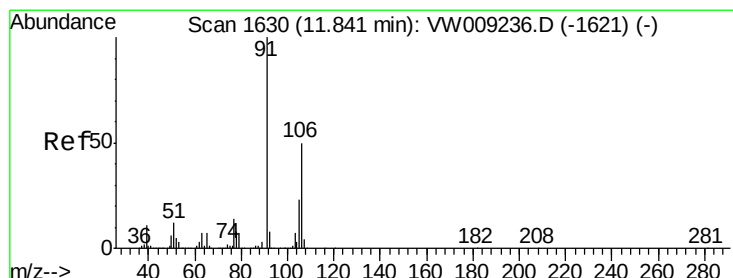
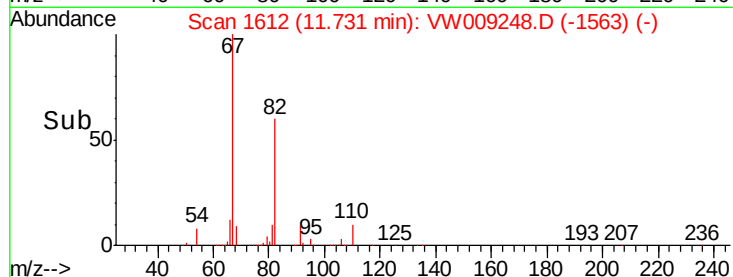
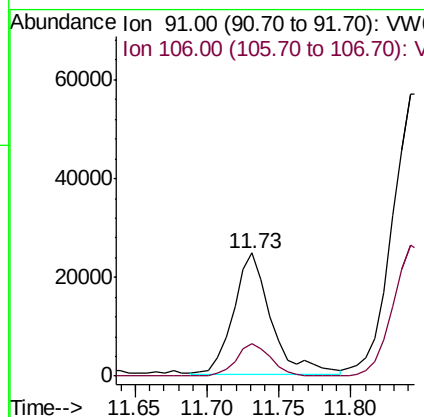
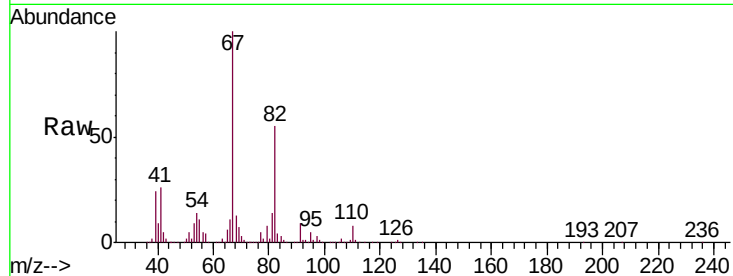




#67
Ethyl Benzene
Concen: 2.867 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009248.D
Acq: 19 Mar 2019 18:20

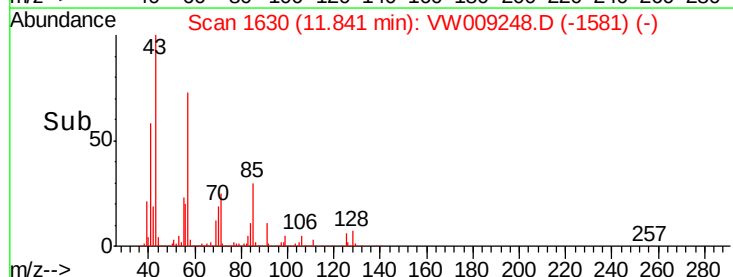
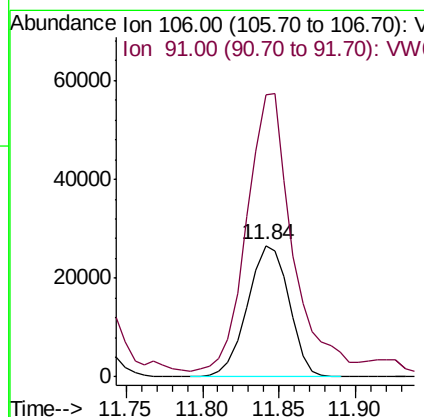
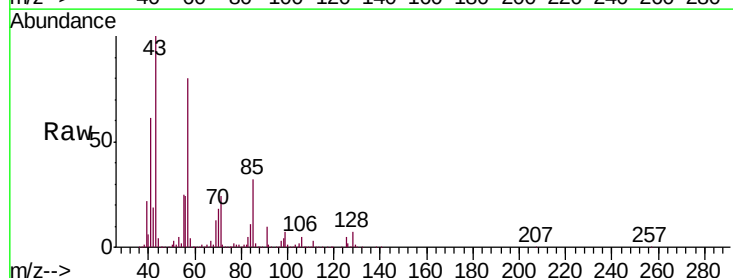
Instrument :
MSVOA_W
ClientSampled :
WC4

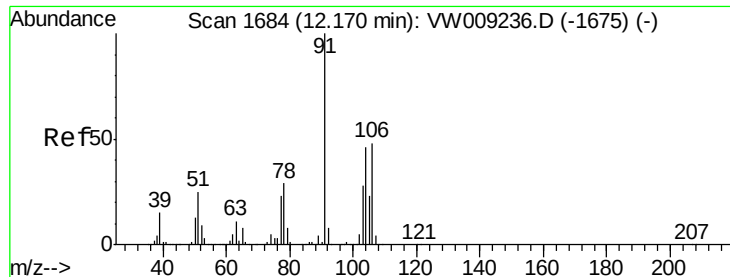
Tgt Ion: 91 Resp: 44784
Ion Ratio Lower Upper
91 100
106 27.2 24.6 36.8



#68
m/p-Xylenes
Concen: 8.324 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW009248.D
Acq: 19 Mar 2019 18:20

Tgt Ion: 106 Resp: 50401
Ion Ratio Lower Upper
106 100
91 239.1 163.1 244.7

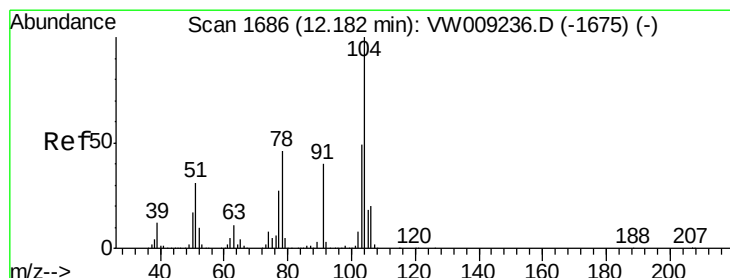
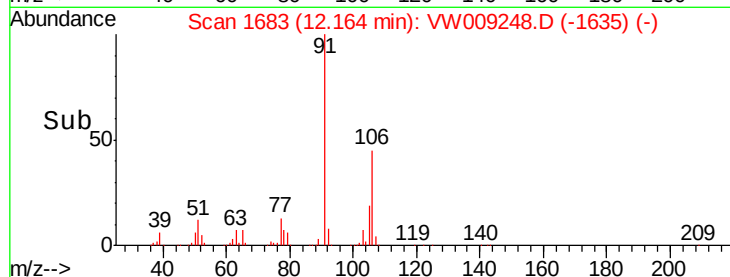
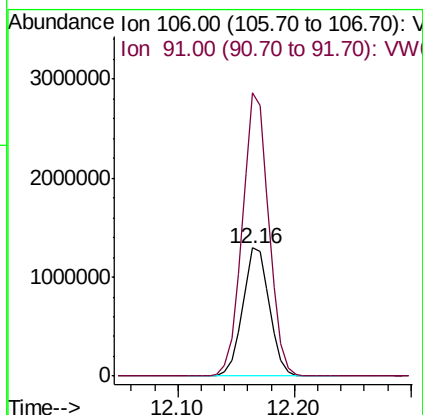
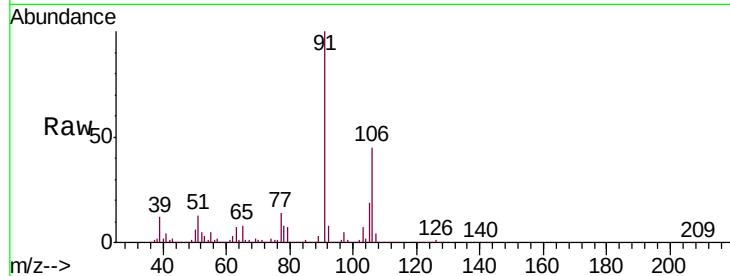




#69
o-Xylene
Concen: 368.090 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW009248.D
Acq: 19 Mar 2019 18:20

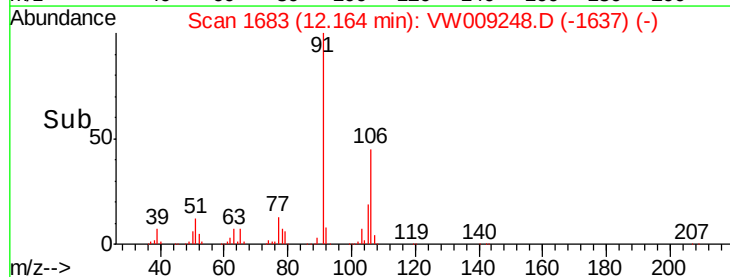
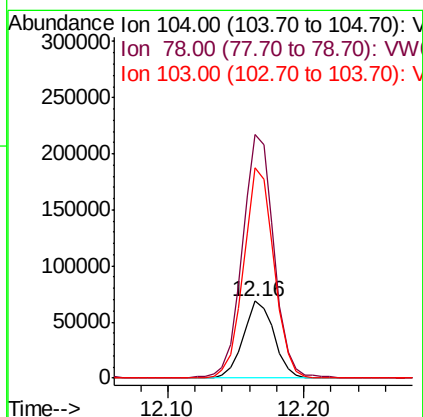
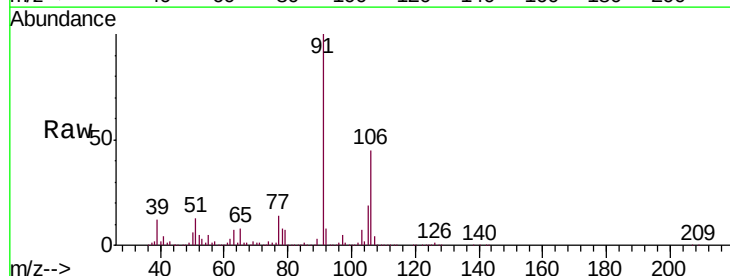
Instrument :
MSVOA_W
ClientSampleId :
WC4

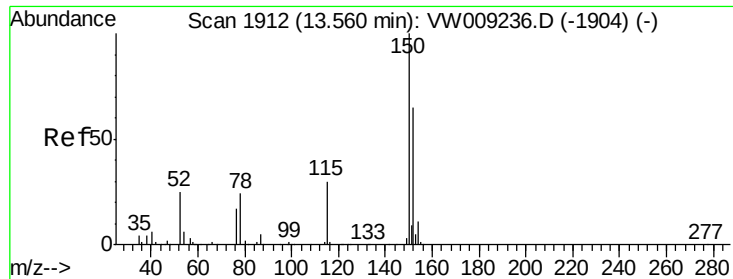
Tgt Ion:106 Resp: 2069524
Ion Ratio Lower Upper
106 100
91 218.9 108.6 325.8



#70
Styrene
Concen: 11.605 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.02 min
Lab File: VW009248.D
Acq: 19 Mar 2019 18:20

Tgt Ion:104 Resp: 107578
Ion Ratio Lower Upper
104 100
78 326.8 42.2 63.4#
103 271.5 44.6 66.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW009248.D

Acq: 19 Mar 2019 18:20

Instrument :

MSVOA_W

ClientSampleId :

WC4

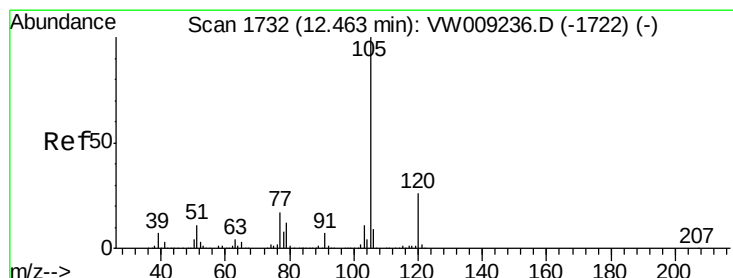
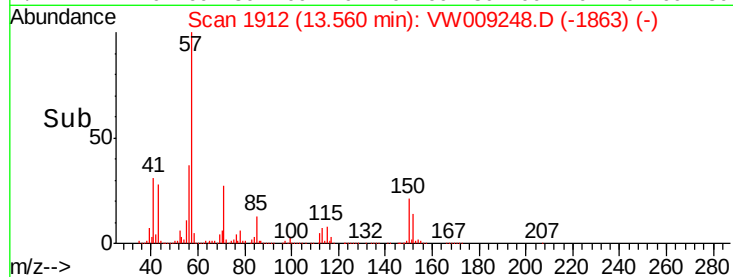
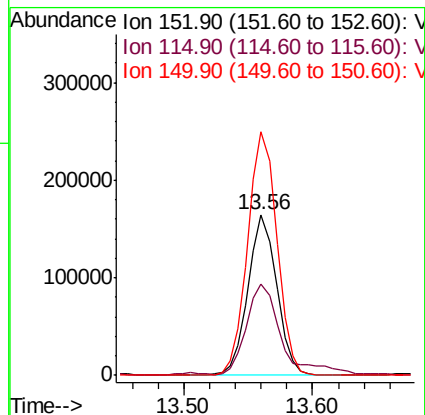
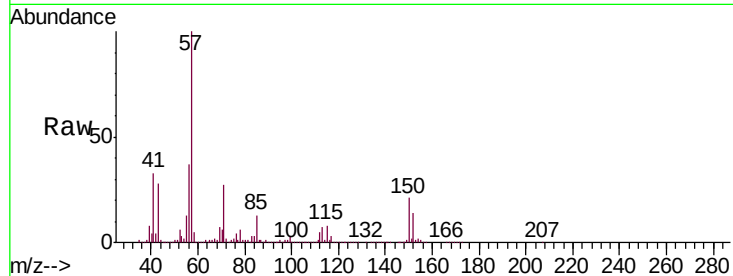
Tgt Ion:152 Resp: 252348

Ion Ratio Lower Upper

152 100

115 67.8 29.6 88.8

150 154.8 0.0 349.2



#73

Isopropylbenzene

Concen: 1.372 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW009248.D

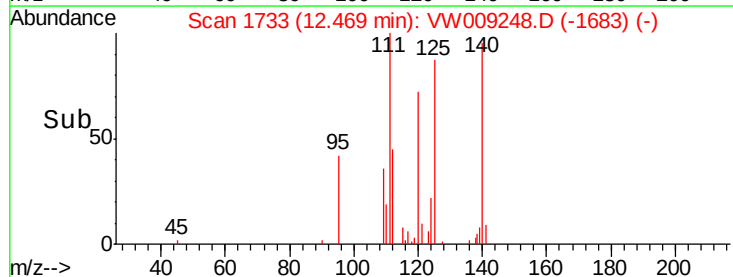
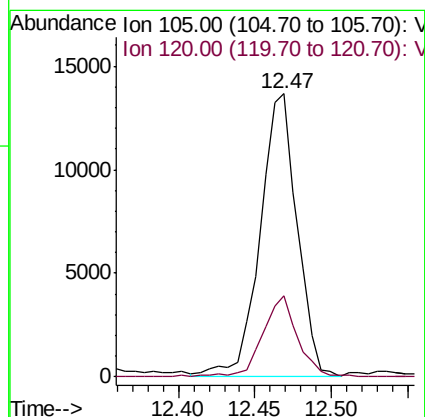
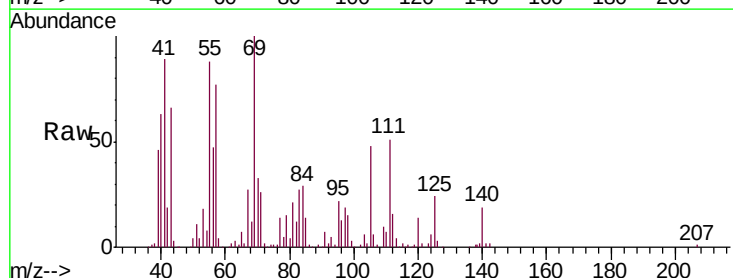
Acq: 19 Mar 2019 18:20

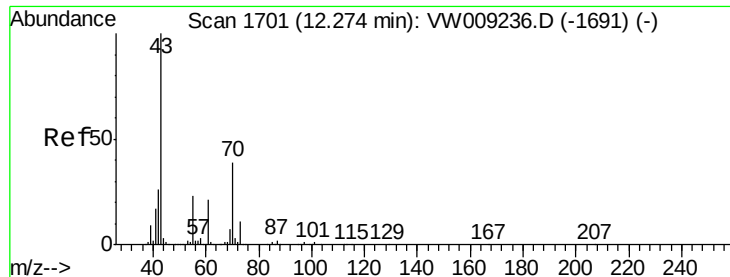
Tgt Ion:105 Resp: 23133

Ion Ratio Lower Upper

105 100

120 27.1 13.0 39.0





#74

N-ethyl acetate

Concen: 90.711 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW009248.D

Acq: 19 Mar 2019 18:20

Instrument :

MSVOA_W

ClientSampleId :

WC4

Tgt Ion: 43 Resp: 399098

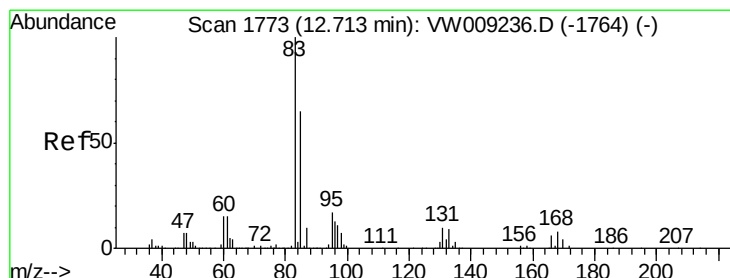
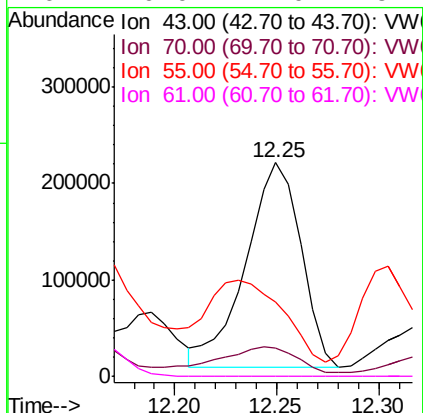
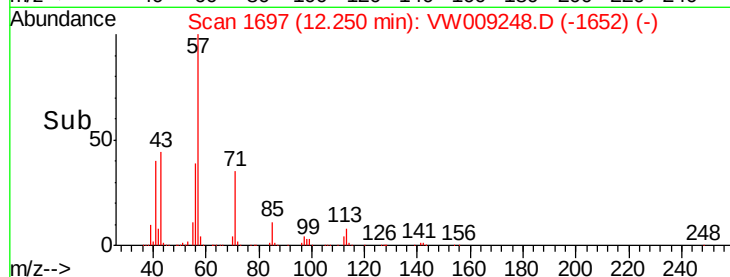
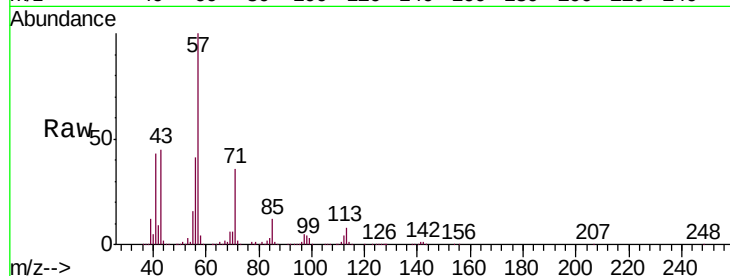
Ion Ratio Lower Upper

43 100

70 17.6 30.6 46.0#

55 56.6 19.3 28.9#

61 0.0 17.0 25.4#



#75

1,1,2,2-Tetrachloroethane

Concen: 12.702 ug/l

RT: 12.70 min Scan# 1771

Delta R.T. -0.01 min

Lab File: VW009248.D

Acq: 19 Mar 2019 18:20

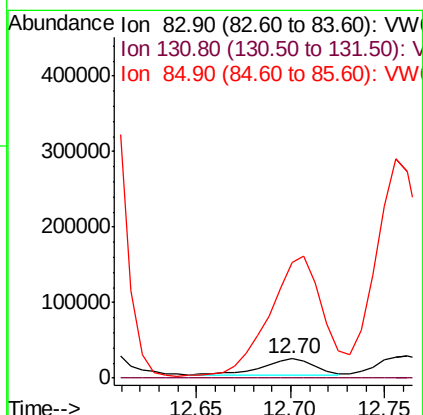
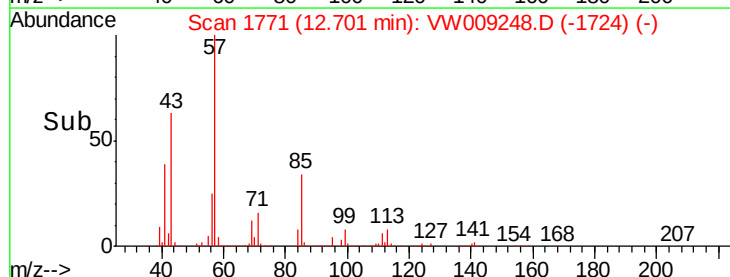
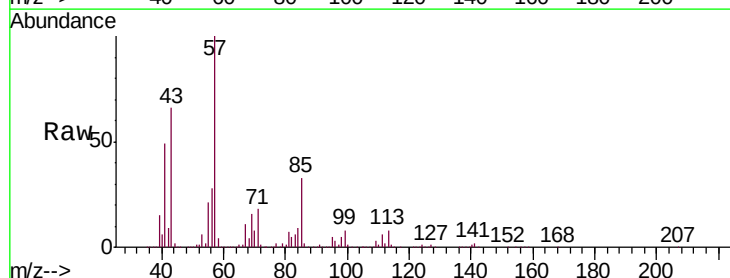
Tgt Ion: 83 Resp: 40077

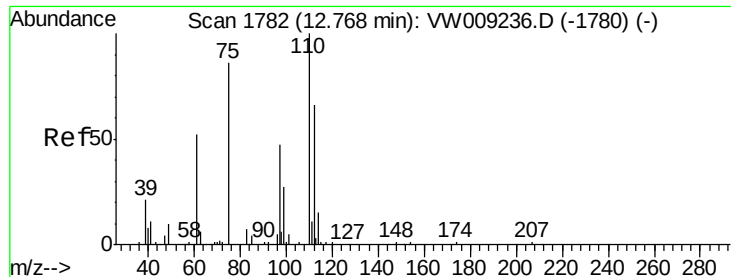
Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

85 791.1 32.6 97.8#

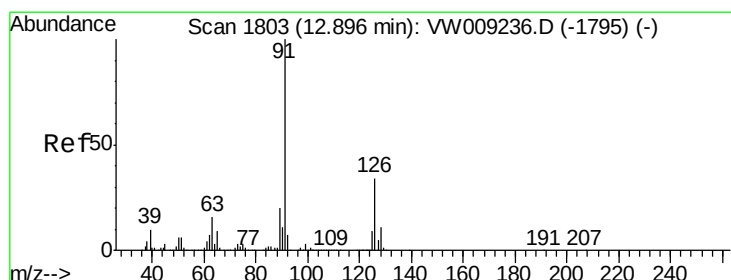
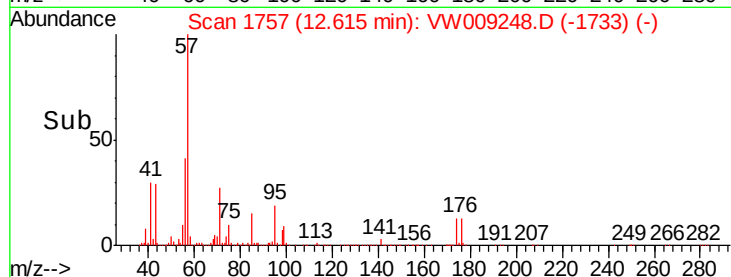
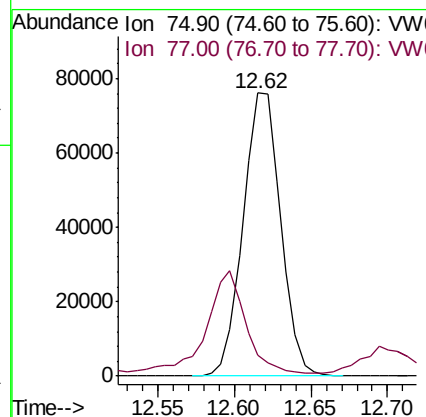
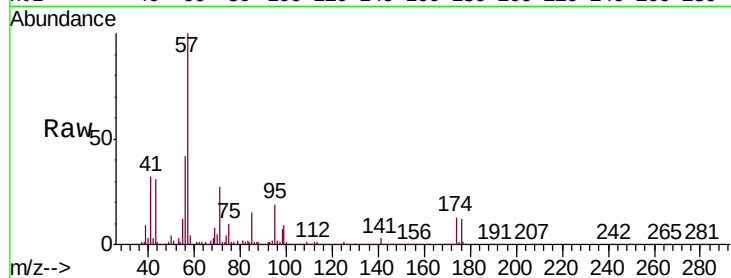




#76
 1,2,3-Trichloropropane
 Concen: 54.921 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW009248.D
 Acq: 19 Mar 2019 18:20

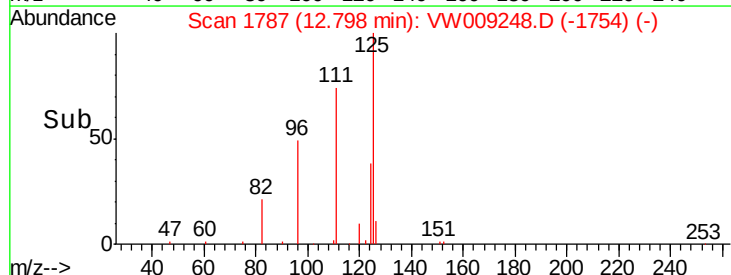
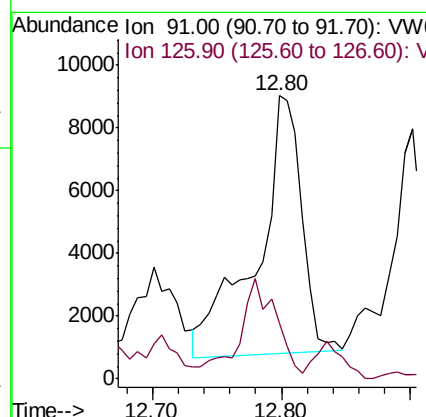
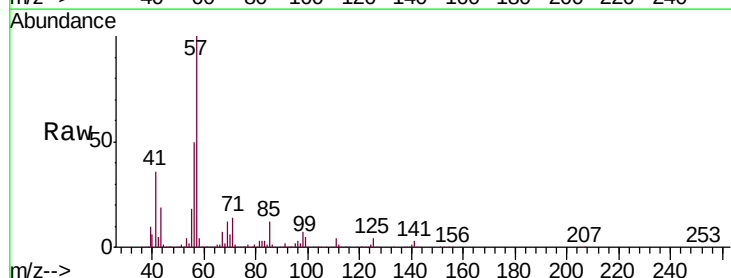
Instrument :
 MSVOA_W
 ClientSampled :
 WC4

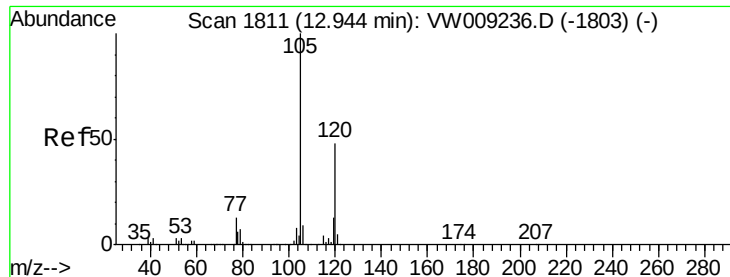
Tgt Ion: 75 Resp: 130238
 Ion Ratio Lower Upper
 75 100
 77 37.6 0.0 0.0#



#79
 2-Chlorotoluene
 Concen: 1.699 ug/l
 RT: 12.80 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VW009248.D
 Acq: 19 Mar 2019 18:20

Tgt Ion: 91 Resp: 19989
 Ion Ratio Lower Upper
 91 100
 126 29.1 17.0 51.0





#80

1,3,5-Trimethylbenzene

Concen: 11.868 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW009248.D

Acq: 19 Mar 2019 18:20

Instrument :

MSVOA_W

ClientSampled :

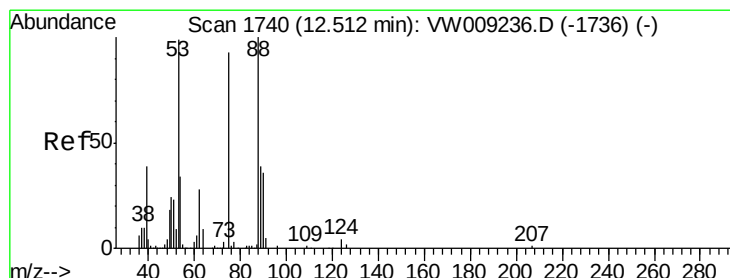
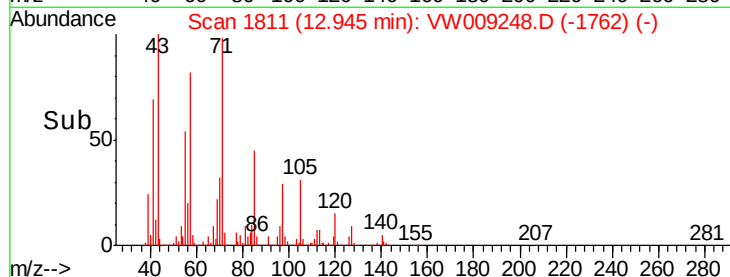
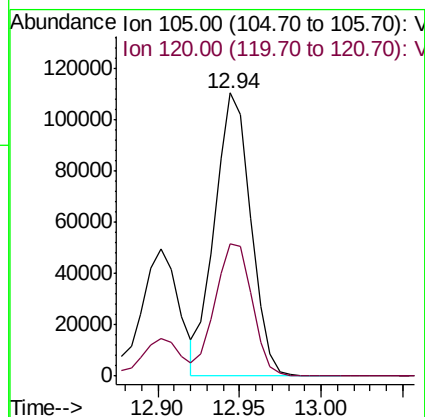
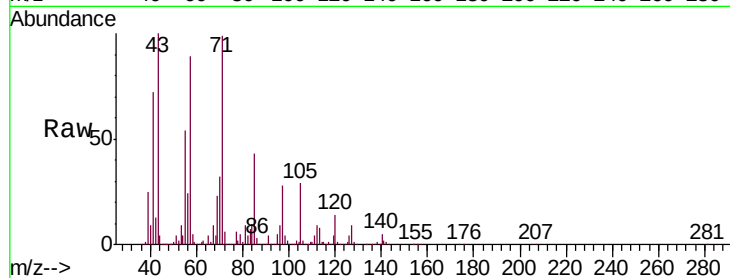
WC4

Tgt Ion:105 Resp: 170230

Ion Ratio Lower Upper

105 100

120 48.2 24.6 74.0



#81

trans-1,4-Dichloro-2-butene

Concen: 134.760 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW009248.D

Acq: 19 Mar 2019 18:20

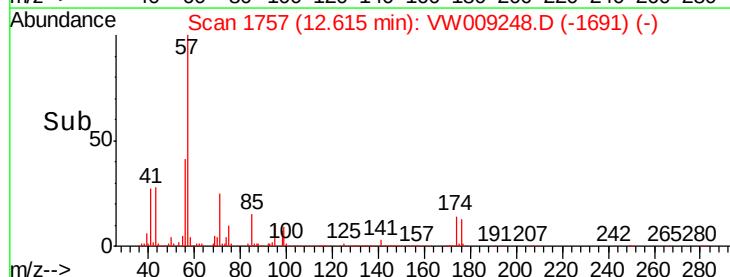
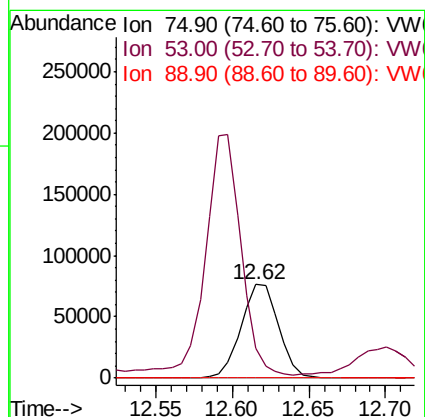
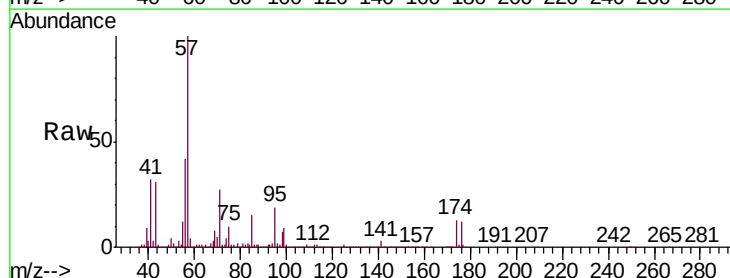
Tgt Ion: 75 Resp: 130238

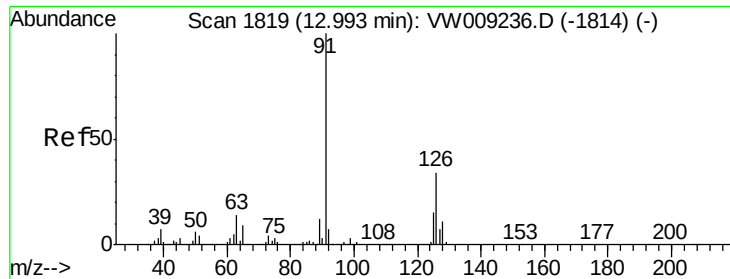
Ion Ratio Lower Upper

75 100

53 241.8 86.7 130.1#

89 1.1 36.4 54.6#

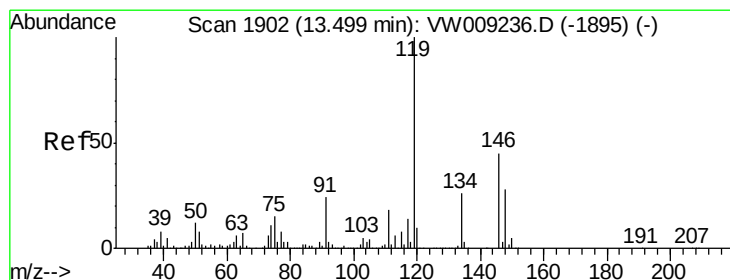
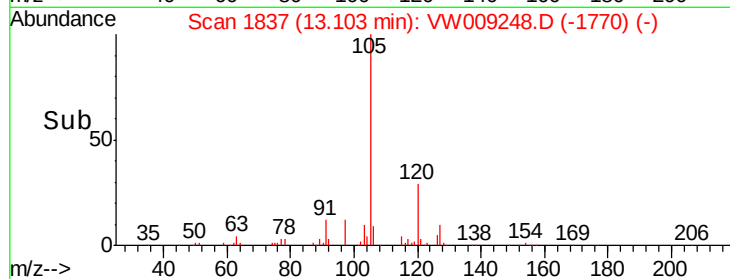
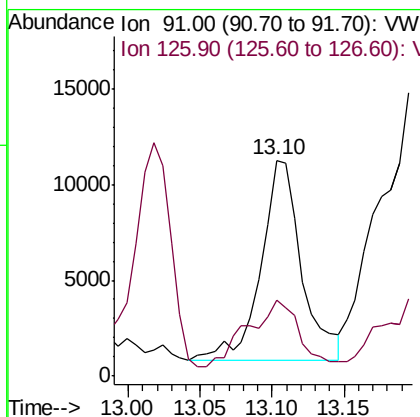
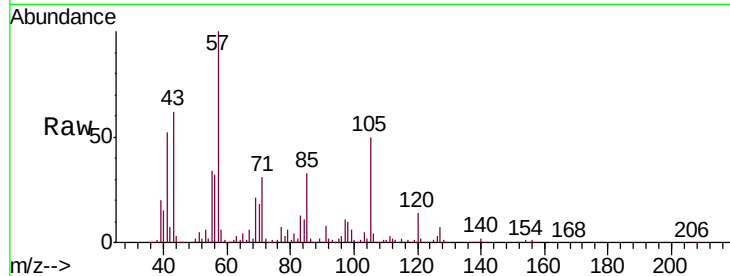




#82
 4-Chlorotoluene
 Concen: 1.641 ug/l
 RT: 13.10 min Scan# 1837
 Delta R.T. 0.11 min
 Lab File: VW009248.D
 Acq: 19 Mar 2019 18:20

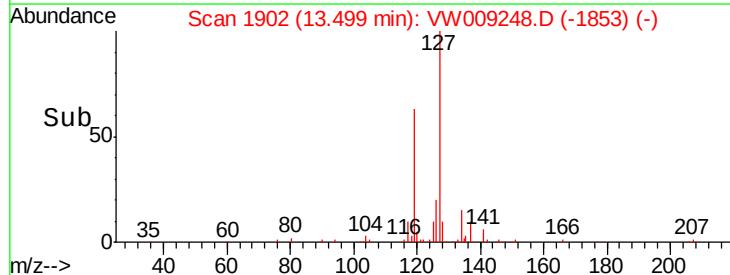
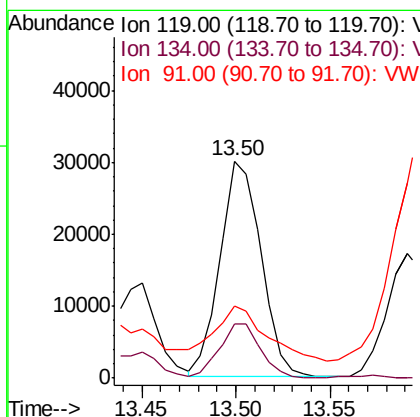
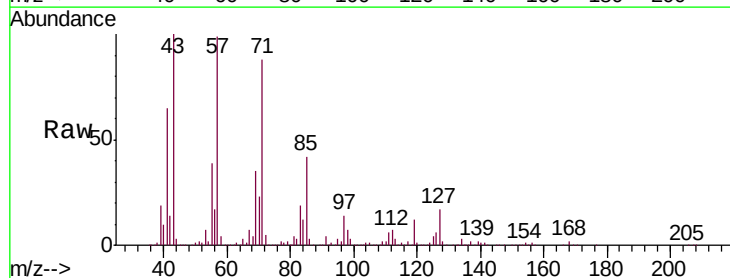
Instrument :
 MSVOA_W
 ClientSampled :
 WC4

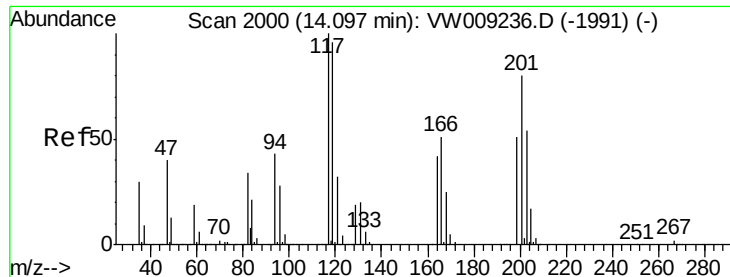
Tgt Ion: 91 Resp: 20345
 Ion Ratio Lower Upper
 91 100
 126 48.5 16.9 50.6



#86
 p-Isopropyltoluene
 Concen: 2.810 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009248.D
 Acq: 19 Mar 2019 18:20

Tgt Ion: 119 Resp: 45327
 Ion Ratio Lower Upper
 119 100
 134 24.7 13.1 39.3
 91 33.0 12.3 36.8





#90

Hexachloroethane

Concen: 2.987 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW009248.D

Acq: 19 Mar 2019 18:20

Instrument :

MSVOA_W

ClientSampled :

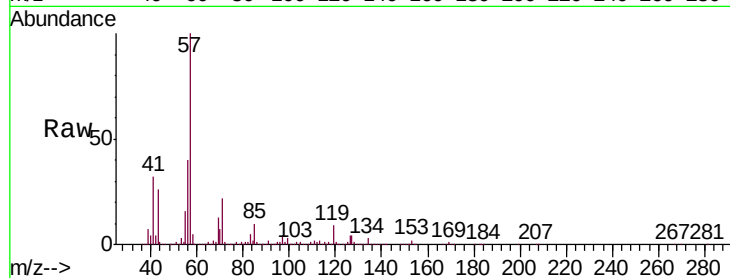
WC4

Tgt Ion:117 Resp: 9500

Ion Ratio Lower Upper

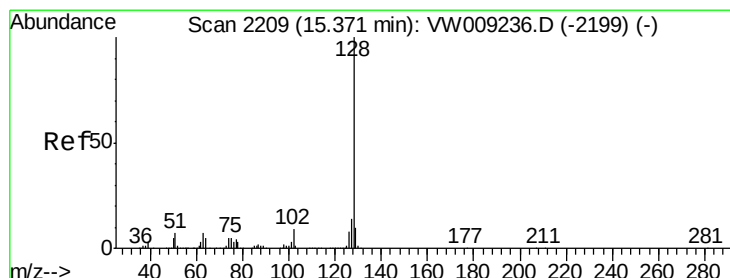
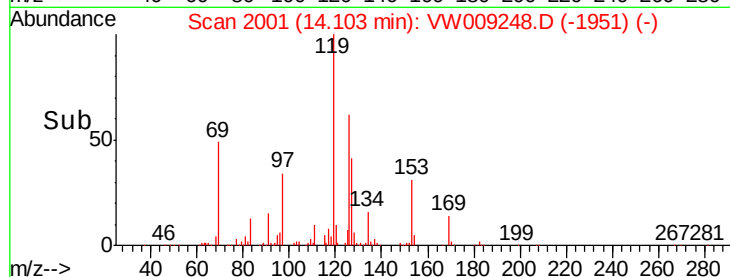
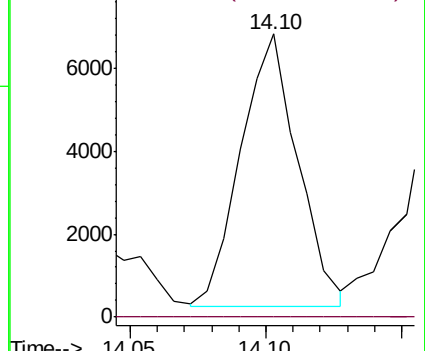
117 100

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



#95

Naphthalene

Concen: 1.987 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW009248.D

Acq: 19 Mar 2019 18:20

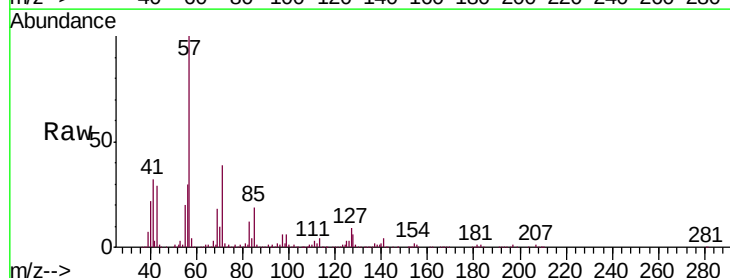
Tgt Ion:128 Resp: 17137

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

129 14.9 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

