

Data File : VW008285.D
Acq On : 15 Jan 2019 16:55
Operator : SY/VA
Sample : K1147-01
Misc : 7.92G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-1

Quant Time: Jan 16 00:51:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	16298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	22989	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	17974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	5116	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	7653	41.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.56%	
35) Dibromofluoromethane	7.89	113	7927	59.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.24%	
50) Toluene-d8	10.32	98	28998	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.62	95	7188	35.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.28%	

Target Compounds						Qvalue
3) Chloromethane	2.21	50	183	1.060	ug/l #	41
7) Trichlorofluoromethane	3.27	101	226	1.234	ug/l #	21
11) Tert butyl alcohol	5.26	59	25	Below Cal	#	100
13) Acrolein	3.91	56	48	2.454	ug/l #	1
15) Acrylonitrile	5.38	53	56	1.421	ug/l #	17
16) Acetone	4.13	43	2011	43.617	ug/l #	85
20) Methylene Chloride	4.93	84	2120	7.686	ug/l #	81
25) 2-Butanone	7.17	43	5246	102.933	ug/l	92
29) Tetrahydrofuran	7.54	42	996	29.256	ug/l #	91
31) Cyclohexane	7.94	56	631	1.637	ug/l #	58
37) Ethyl Acetate	7.34	43	164	1.729	ug/l #	79
41) Methacrylonitrile	7.48	41	76	1.268	ug/l #	55
48) Methyl methacrylate	9.45	41	178	1.989	ug/l #	24
49) 1,4-Dioxane	9.30	88	30	23.851	ug/l #	1
55) 1,1,2-Trichloroethane	10.80	97	342	3.114	ug/l #	45
59) 2-Hexanone	11.00	43	161	2.593	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	168	2.613	ug/l #	25
76) 1,2,3-Trichloropropane	12.70	75	139	2.980	ug/l	63
77) Bromobenzene	12.75	156	6089	71.746	ug/l #	1
79) 2-Chlorotoluene	12.89	91	405	1.475	ug/l	74
80) 1,3,5-Trimethylbenzene	13.10	105	347	1.051	ug/l	88
81) trans-1,4-Dichloro-2-buten	12.62	75	3731	186.294	ug/l #	16
84) 1,2,4-Trimethylbenzene	13.26	105	694	2.039	ug/l	89
85) sec-Butylbenzene	13.26	105	701	1.639	ug/l	83
86) p-Isopropyltoluene	13.50	119	853	2.309	ug/l	92
88) 1,4-Dichlorobenzene	13.58	146	211	1.222	ug/l #	10
90) Hexachloroethane	14.11	117	181	2.901	ug/l #	17
91) 1,2-Dichlorobenzene	13.88	146	499	3.298	ug/l	88
92) 1,2-Dibromo-3-Chloropropan	14.49	75	64	6.186	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.13	180	176	1.752	ug/l #	1
95) Naphthalene	15.37	128	1623	8.653	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.58	180	199	2.324	ug/l #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011519\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

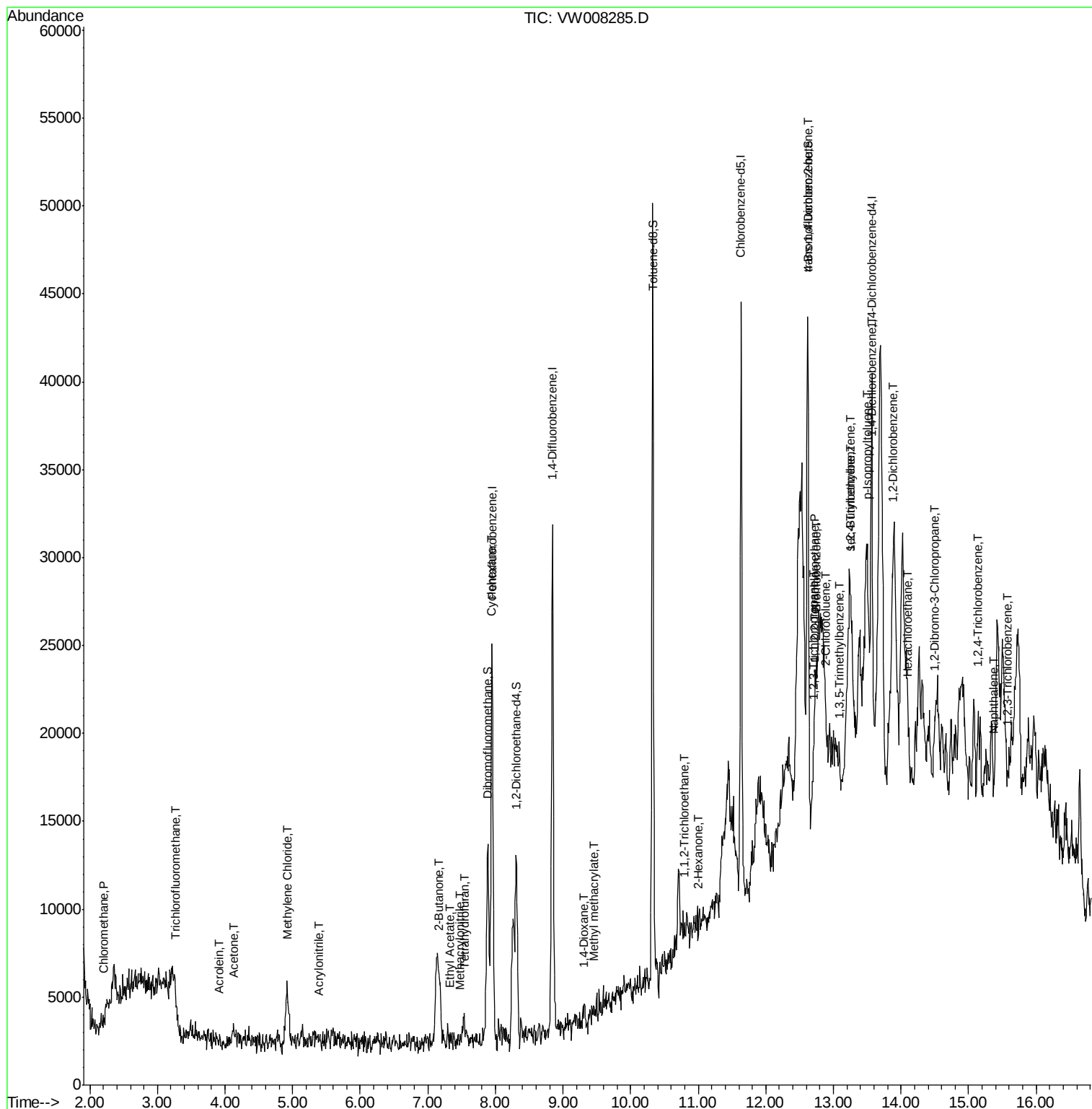
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

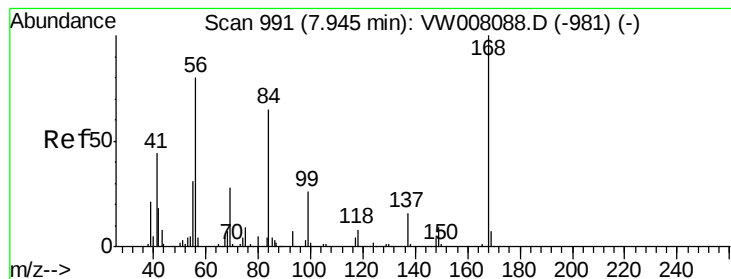
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008285.D

Acq: 15 Jan 2019 16:55

Instrument :

MSVOA_W

ClientSampled :

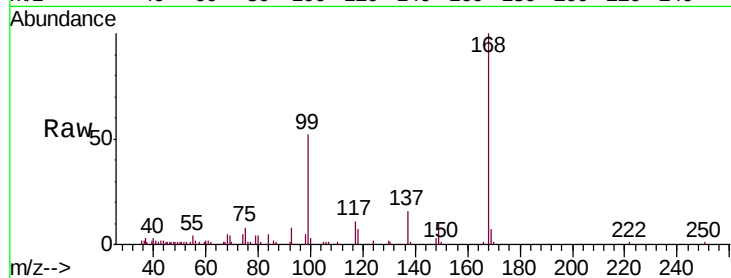
TP-1

Tgt Ion:168 Resp: 16298

Ion Ratio Lower Upper

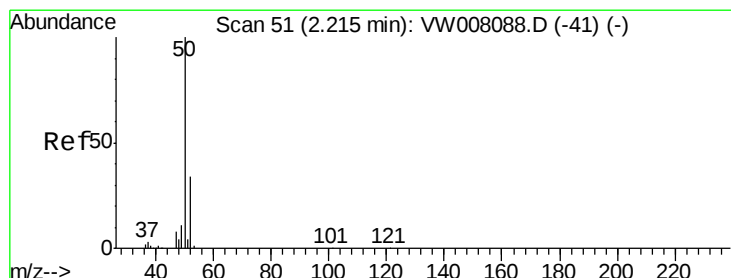
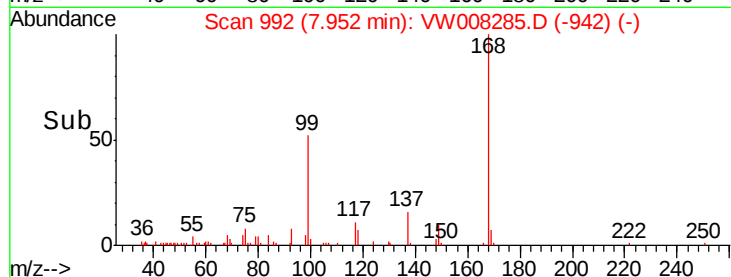
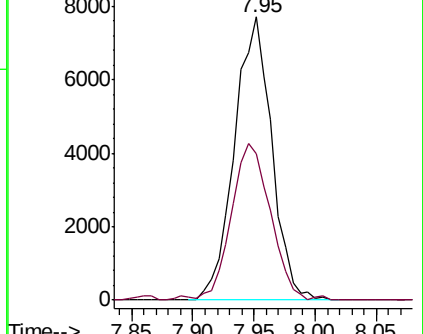
168 100

99 51.7 52.6 78.8#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#3

Chloromethane

Concen: 1.060 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008285.D

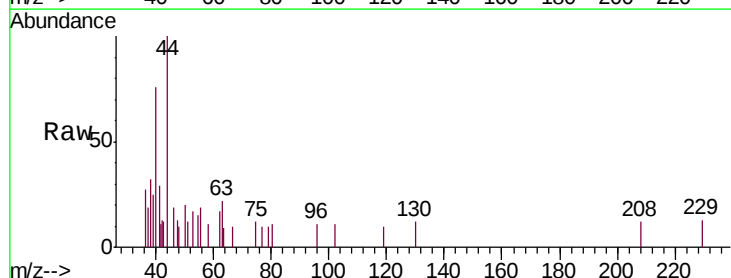
Acq: 15 Jan 2019 16:55

Tgt Ion: 50 Resp: 183

Ion Ratio Lower Upper

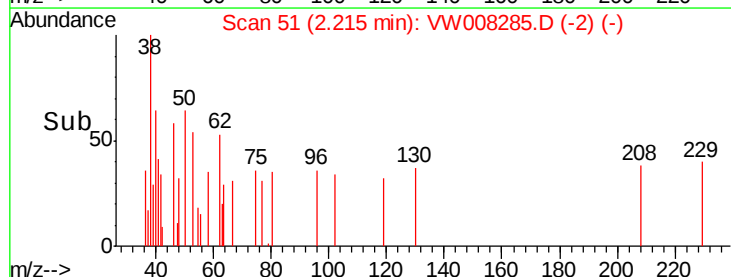
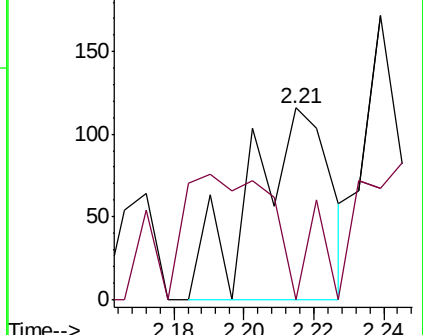
50 100

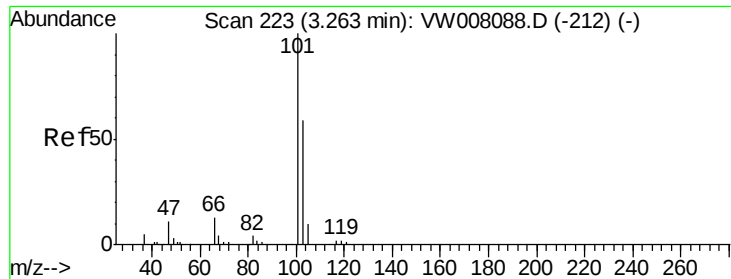
52 0.0 26.8 40.2#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



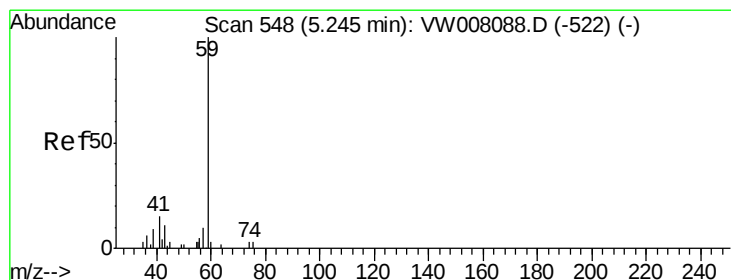
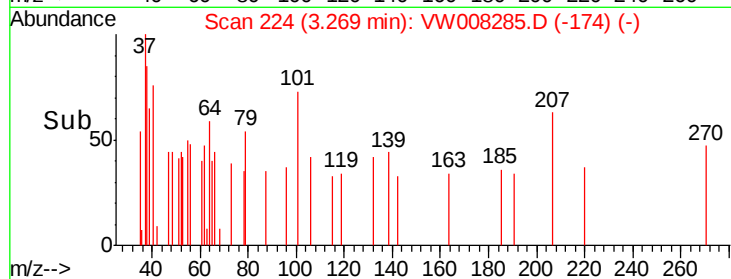
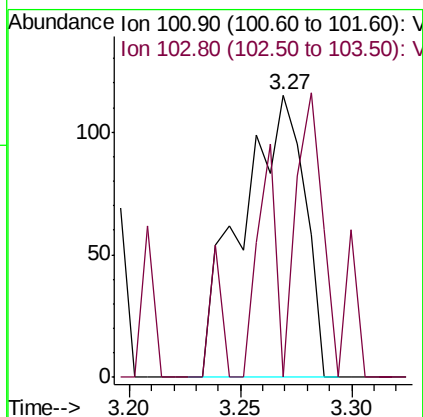
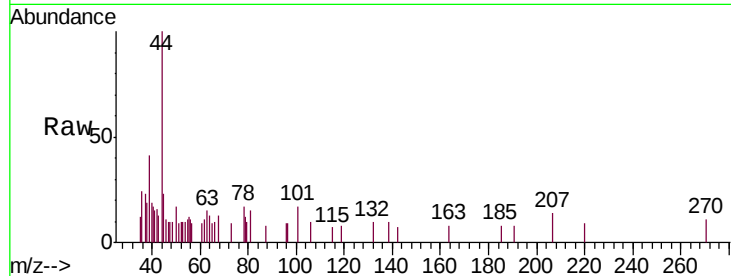


#7

Trichlorofluoromethane
 Concen: 1.234 ug/l
 RT: 3.27 min Scan# 224
 Delta R.T. 0.01 min
 Lab File: VW008285.D
 Acq: 15 Jan 2019 16:55

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1

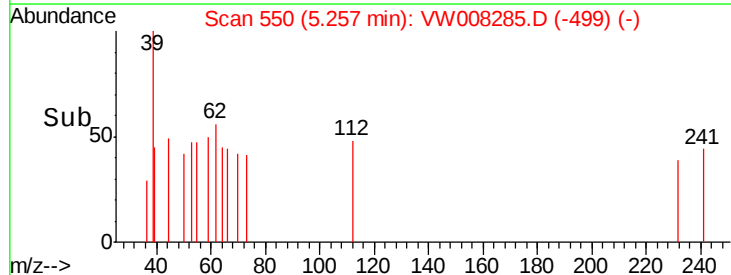
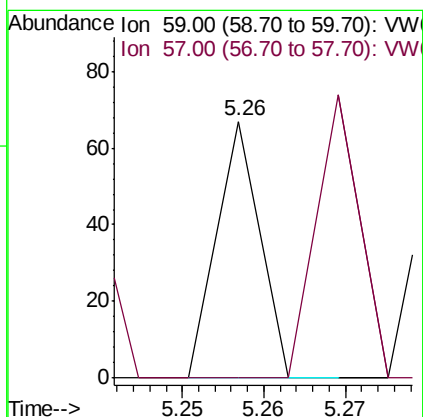
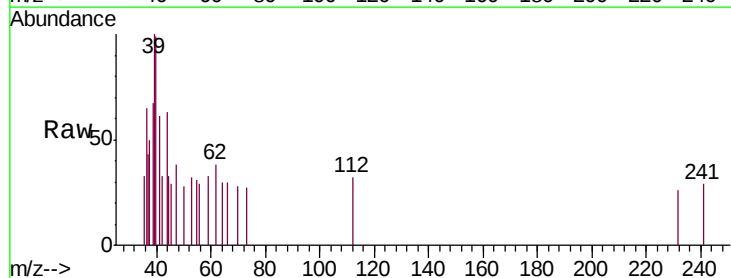
Tgt Ion:101 Resp: 226
 Ion Ratio Lower Upper
 101 100
 103 0.0 47.0 70.6#

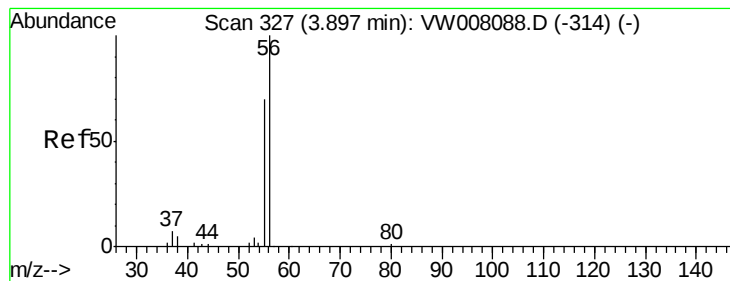


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.26 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: VW008285.D
 Acq: 15 Jan 2019 16:55

Tgt Ion: 59 Resp: 25
 Ion Ratio Lower Upper
 59 100
 57 108.0 0.0 0.0#





#13

Acrolein

Concen: 2.454 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.01 min

Lab File: VW008285.D

Acq: 15 Jan 2019 16:55

Instrument :

MSVOA_W

ClientSampled :

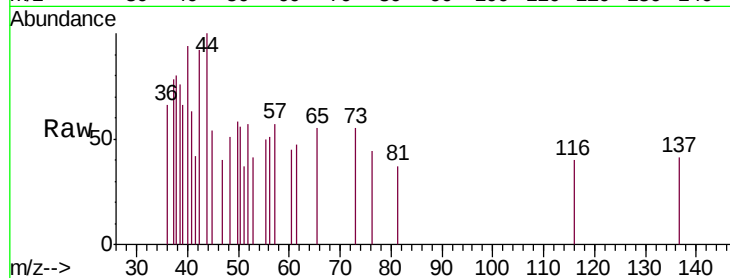
TP-1

Tgt Ion: 56 Resp: 48

Ion Ratio Lower Upper

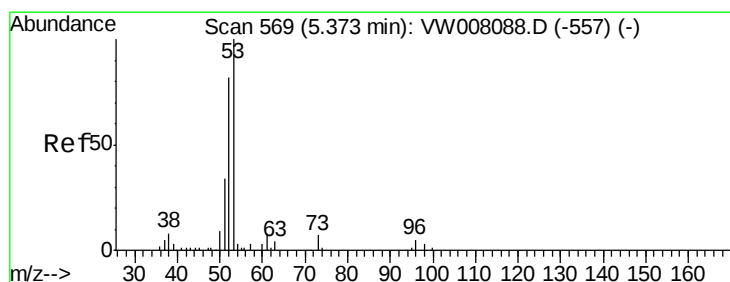
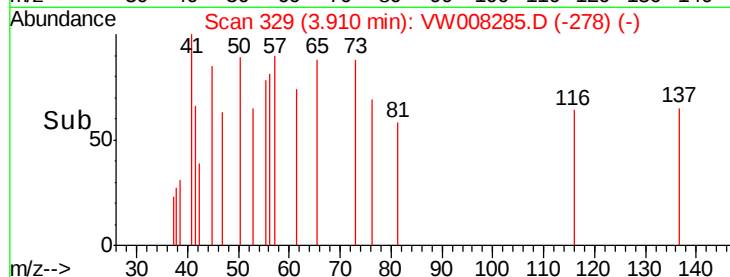
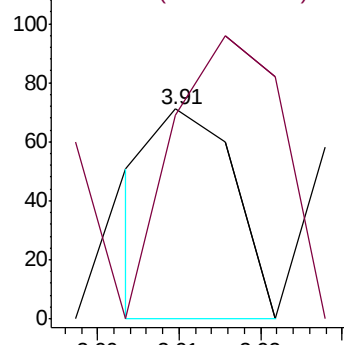
56 100

55 187.5 56.6 84.8#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#15

Acrylonitrile

Concen: 1.421 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW008285.D

Acq: 15 Jan 2019 16:55

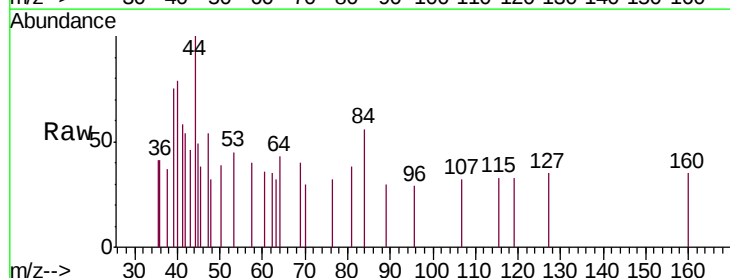
Tgt Ion: 53 Resp: 56

Ion Ratio Lower Upper

53 100

52 0.0 66.8 100.2#

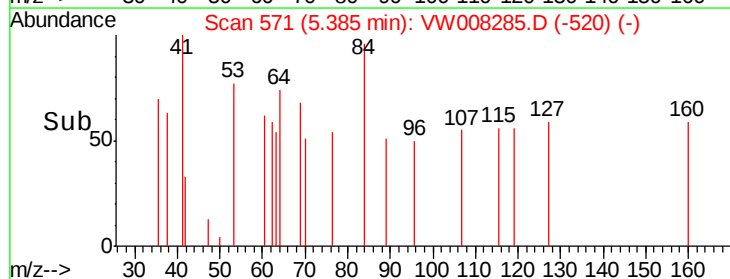
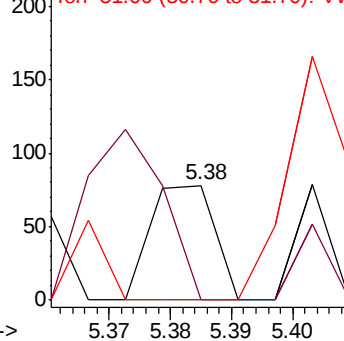
51 0.0 29.7 44.5#

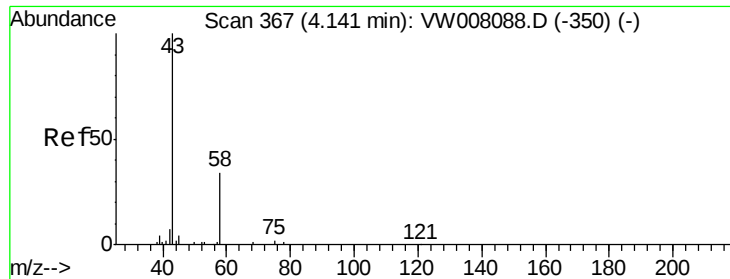


Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW

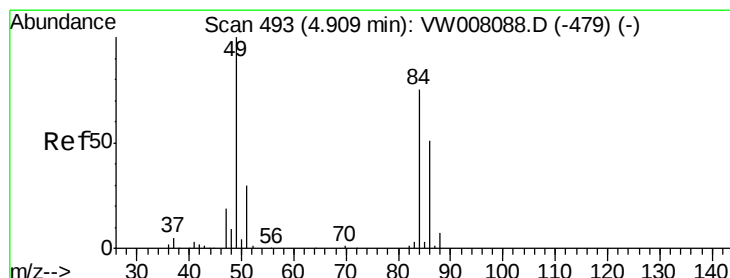
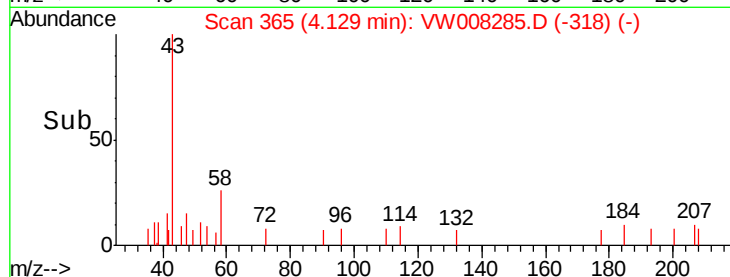
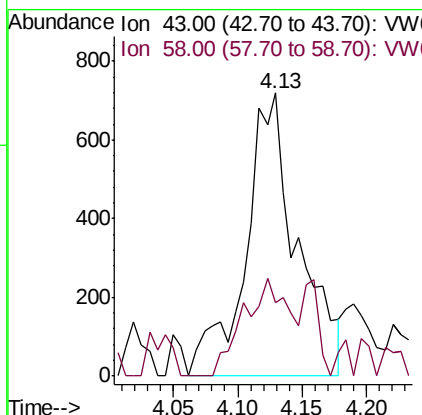
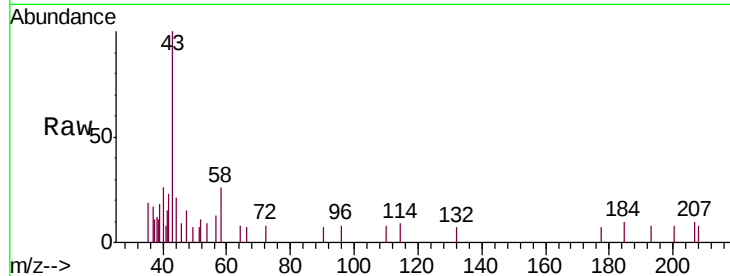




#16
Acetone
Concen: 43.617 ug/l
RT: 4.13 min Scan# 365
Delta R.T. -0.01 min
Lab File: VW008285.D
Acq: 15 Jan 2019 16:55

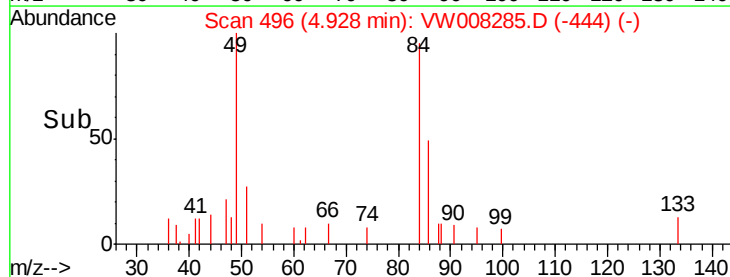
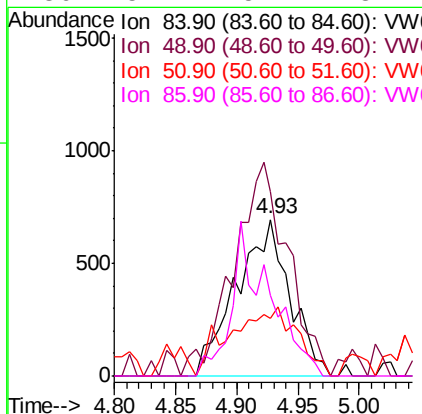
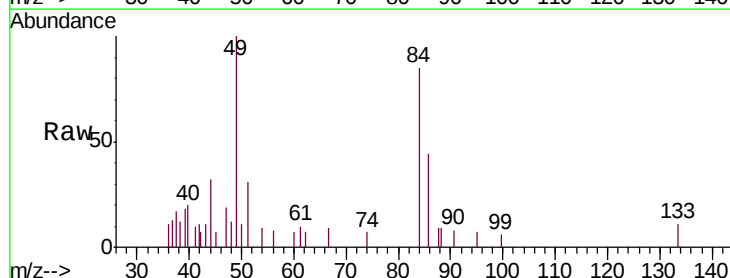
Instrument :
MSVOA_W
ClientSampled :
TP-1

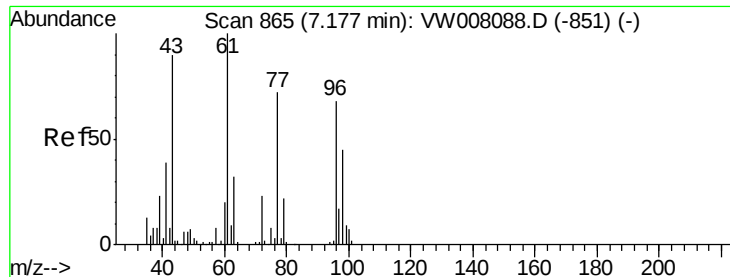
Tgt Ion: 43 Resp: 2011
Ion Ratio Lower Upper
43 100
58 25.9 27.5 41.3#



#20
Methylene Chloride
Concen: 7.686 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.02 min
Lab File: VW008285.D
Acq: 15 Jan 2019 16:55

Tgt Ion: 84 Resp: 2120
Ion Ratio Lower Upper
84 100
49 107.0 107.1 160.7#
51 36.6 32.4 48.6
86 51.4 54.2 81.4#





#25

2-Butanone

Concen: 102.933 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008285.D

Acq: 15 Jan 2019 16:55

Instrument :

MSVOA_W

ClientSampled :

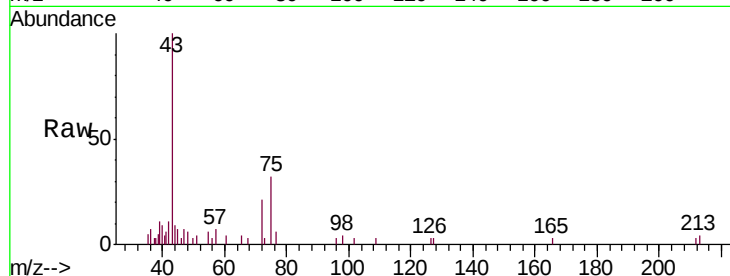
TP-1

Tgt Ion: 43 Resp: 5246

Ion Ratio Lower Upper

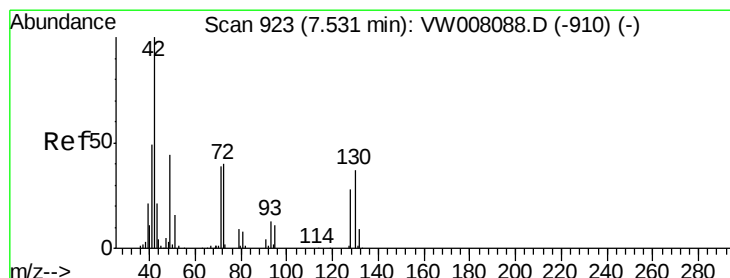
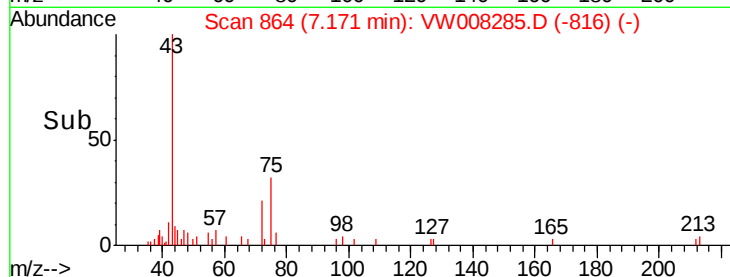
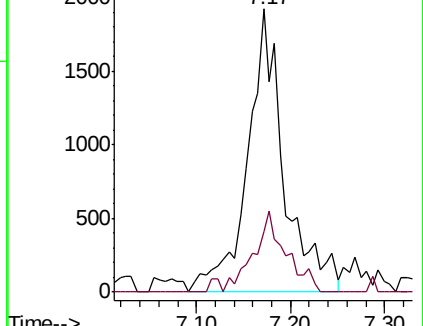
43 100

72 21.5 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 29.256 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW008285.D

Acq: 15 Jan 2019 16:55

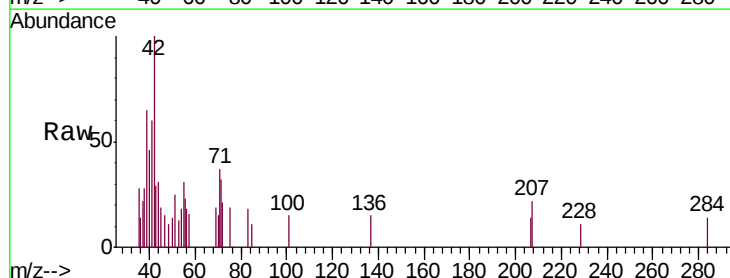
Tgt Ion: 42 Resp: 996

Ion Ratio Lower Upper

42 100

72 41.9 32.4 48.6

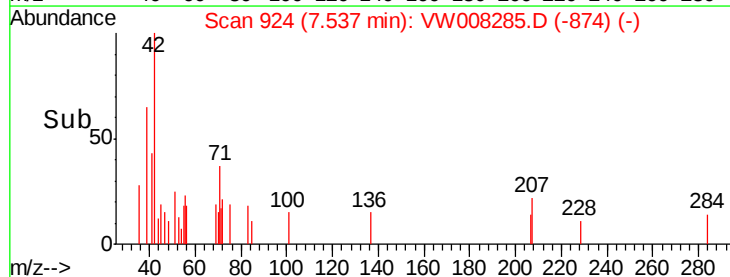
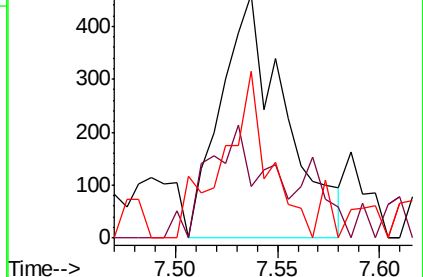
71 49.1 31.3 46.9#

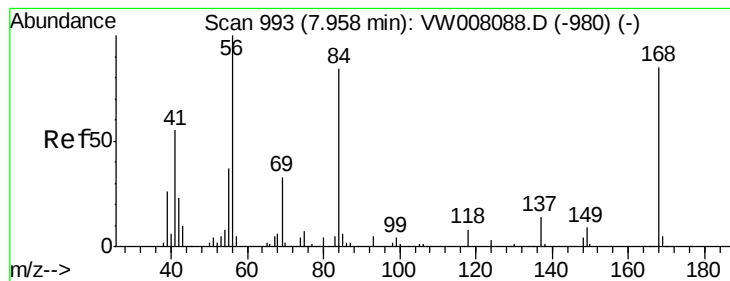


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#31

Cyclohexane

Concen: 1.637 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW008285.D

Acq: 15 Jan 2019 16:55

Instrument :

MSVOA_W

ClientSampled :

TP-1

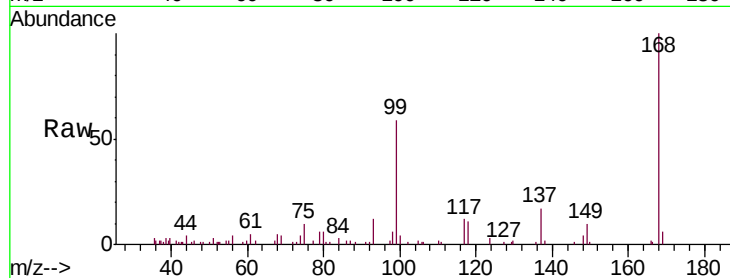
Tgt Ion: 56 Resp: 631

Ion Ratio Lower Upper

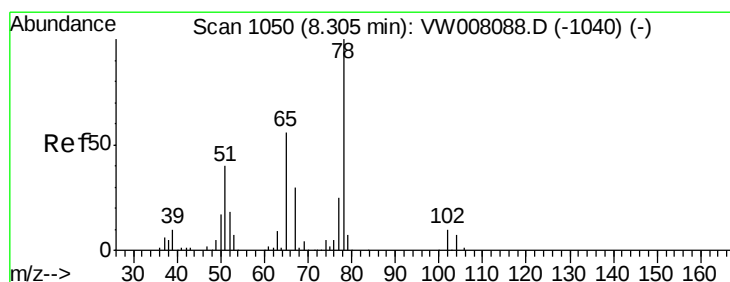
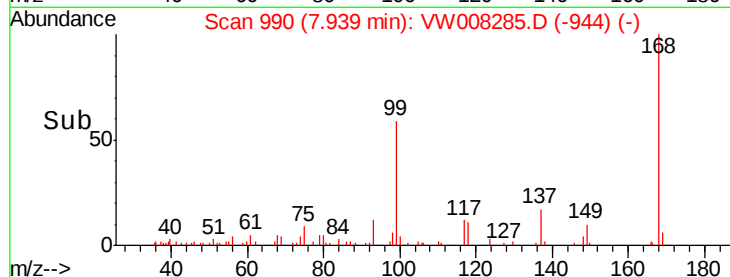
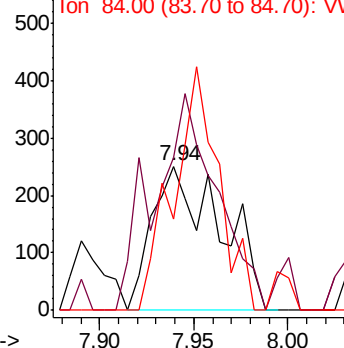
56 100

69 82.9 26.2 39.4#

84 62.9 67.4 101.2#



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: 41.780 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008285.D

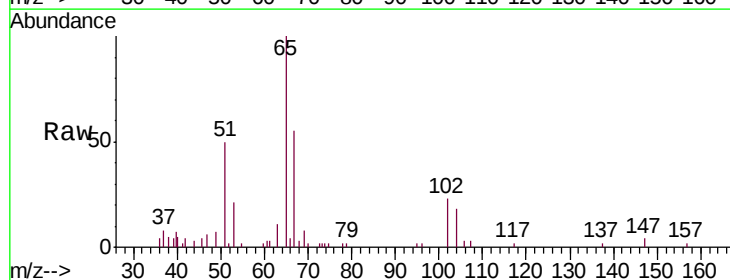
Acq: 15 Jan 2019 16:55

Tgt Ion: 65 Resp: 7653

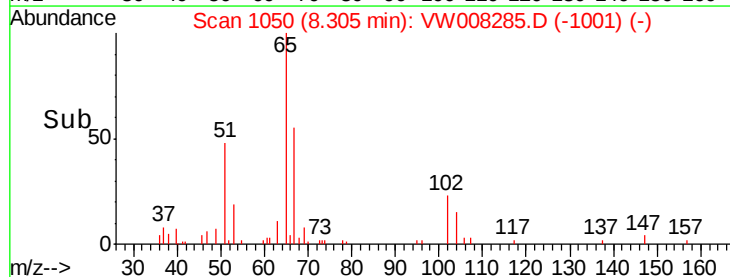
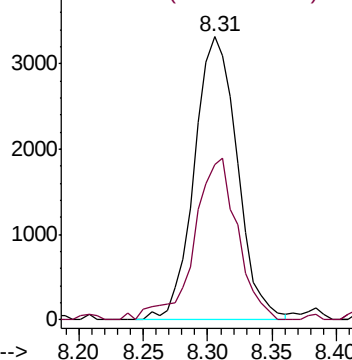
Ion Ratio Lower Upper

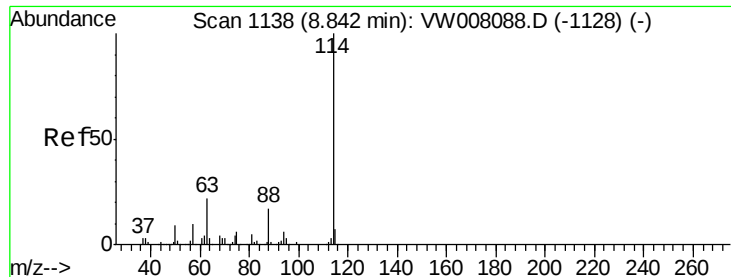
65 100

67 57.8 0.0 106.8



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

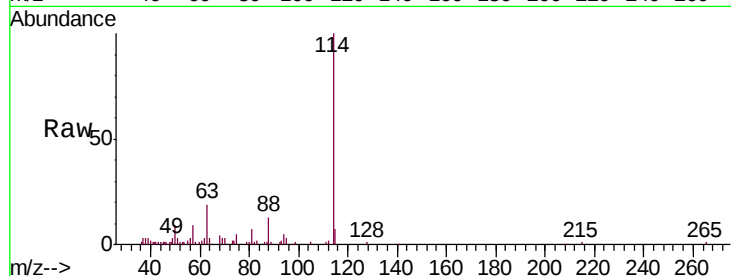




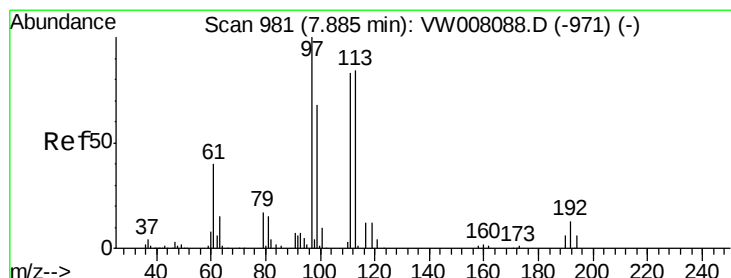
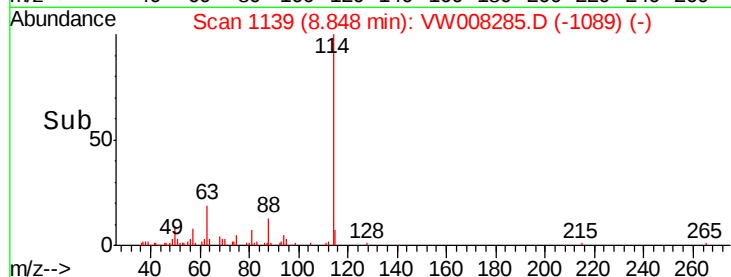
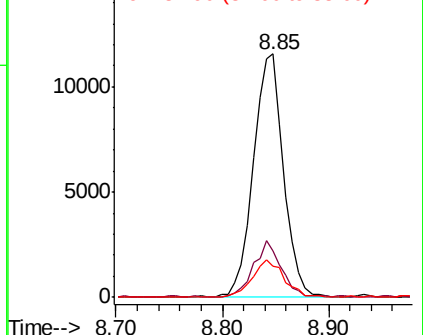
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW008285.D
 Acq: 15 Jan 2019 16:55

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1

Tgt Ion:114 Resp: 22989
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 43.4
 88 12.9 0.0 33.4

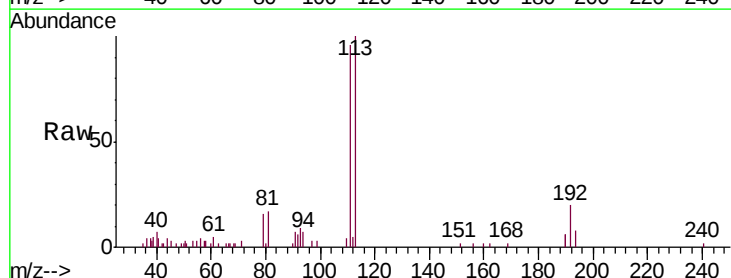


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

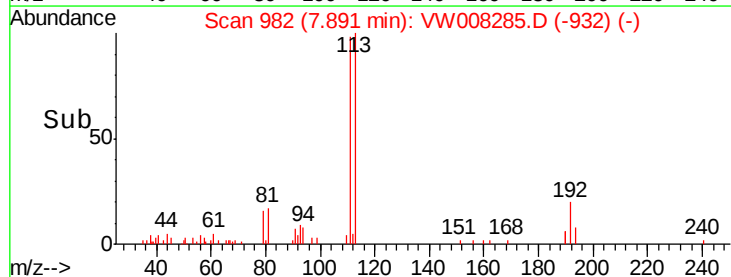
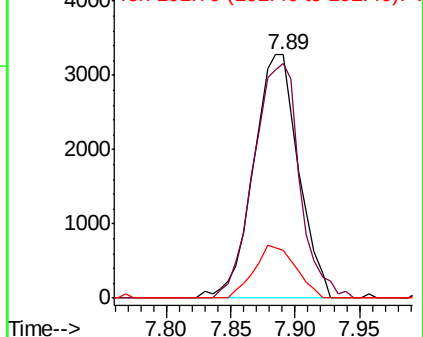


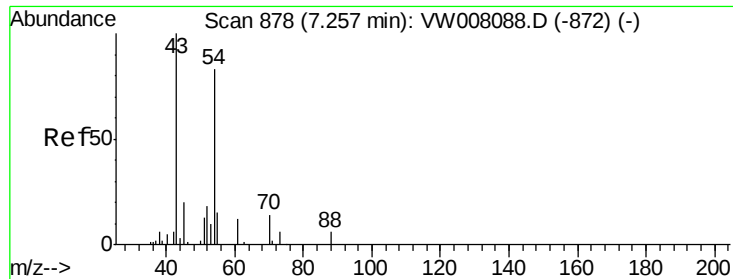
#35
 Dibromofluoromethane
 Concen: 59.121 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW008285.D
 Acq: 15 Jan 2019 16:55

Tgt Ion:113 Resp: 7927
 Ion Ratio Lower Upper
 113 100
 111 98.8 81.8 122.8
 192 19.9 12.8 19.2#



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

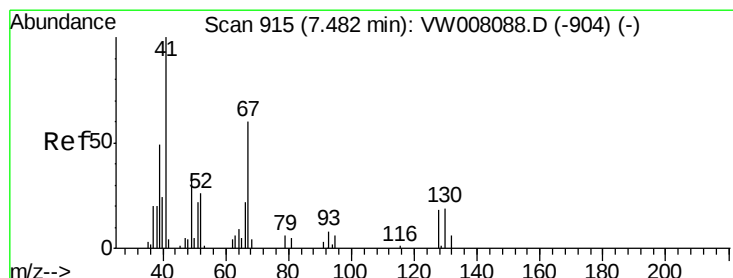
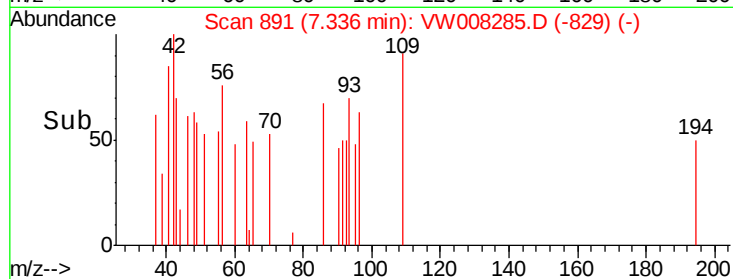
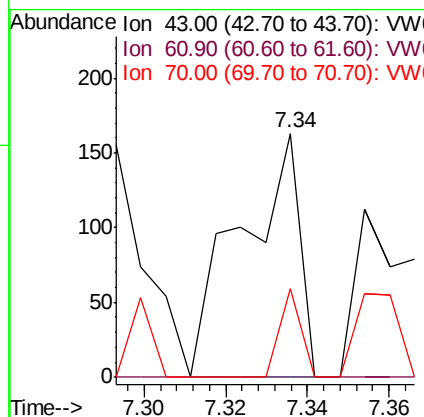
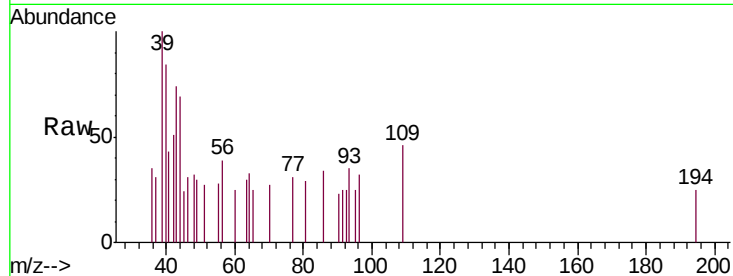




#37
 Ethyl Acetate
 Concen: 1.729 ug/l
 RT: 7.34 min Scan# 891
 Delta R.T. 0.08 min
 Lab File: VW008285.D
 Acq: 15 Jan 2019 16:55

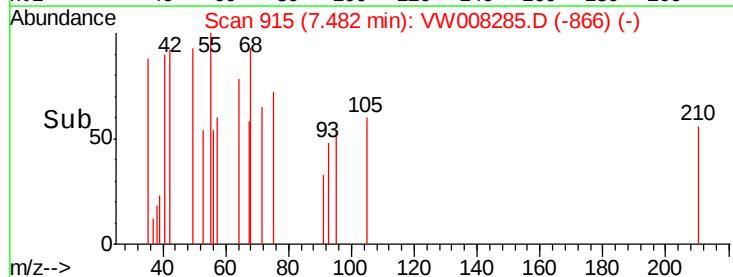
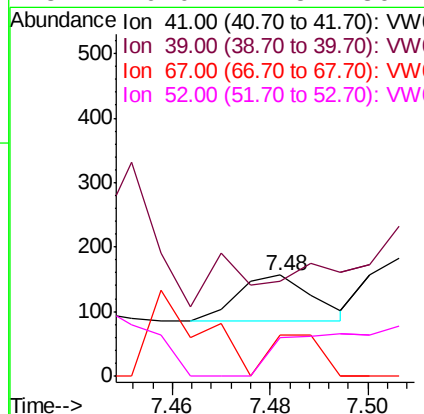
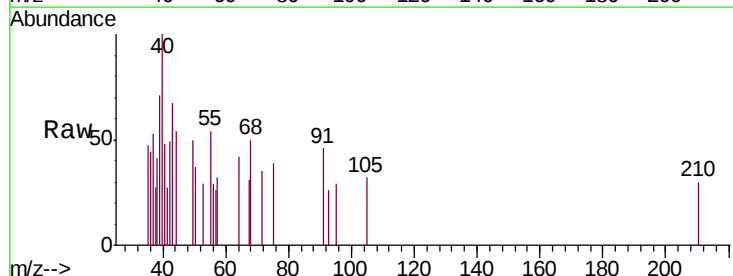
Instrument :
 MSVOA_W
 ClientSampled :
 TP-1

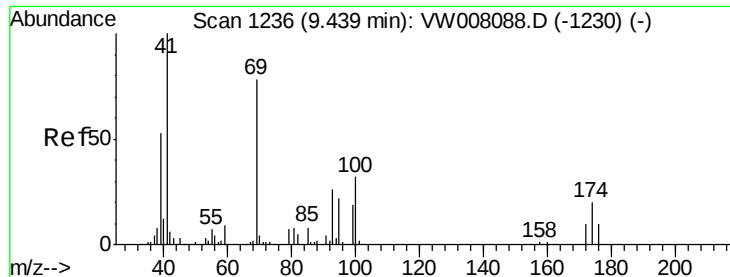
Tgt Ion: 43 Resp: 164
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.6 16.0#
 70 13.4 8.9 13.3#



#41
 Methacrylonitrile
 Concen: 1.268 ug/l
 RT: 7.48 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: VW008285.D
 Acq: 15 Jan 2019 16:55

Tgt Ion: 41 Resp: 76
 Ion Ratio Lower Upper
 41 100
 39 0.0 47.9 71.9#
 67 61.8 56.3 84.5
 52 0.0 24.5 36.7#

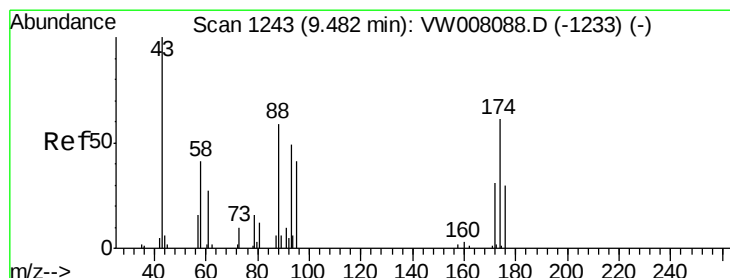
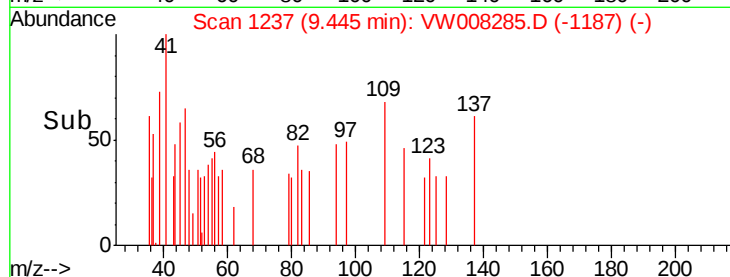
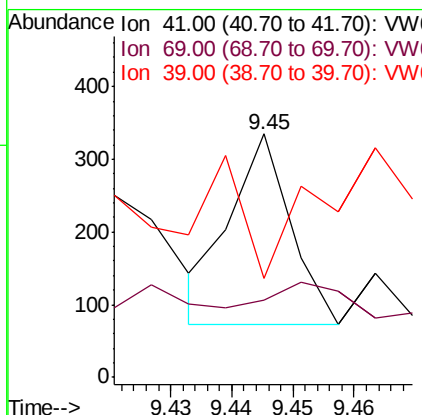
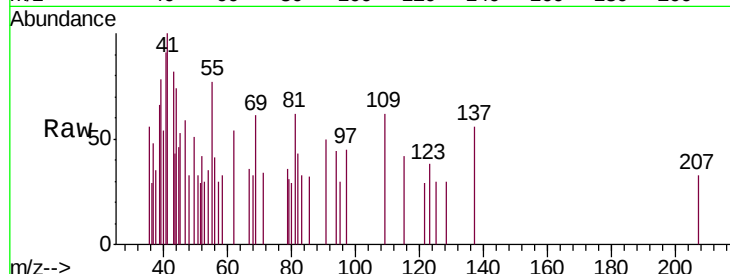




#48
Methyl methacrylate
Concen: 1.989 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW008285.D
Acq: 15 Jan 2019 16:55

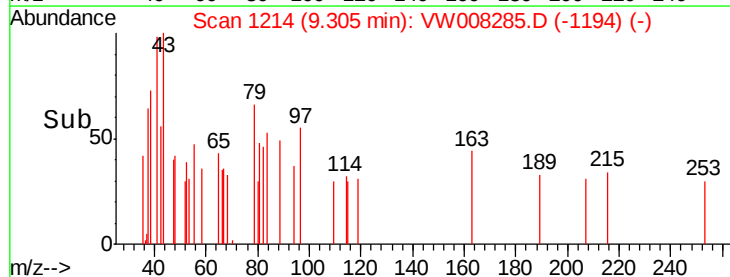
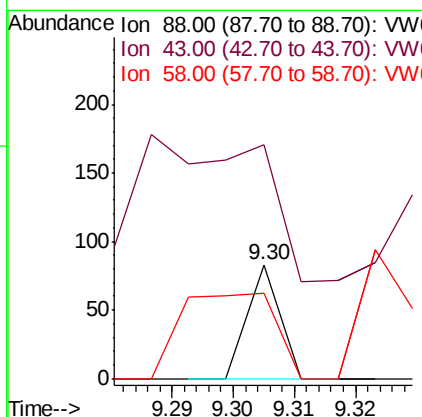
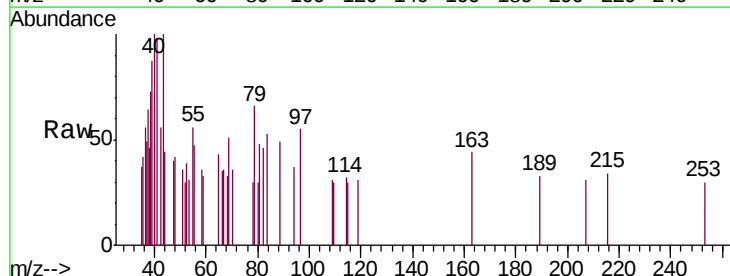
Instrument :
MSVOA_W
ClientSampled :
TP-1

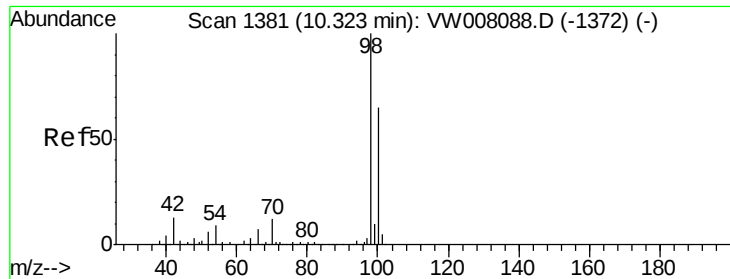
Tgt Ion: 41 Resp: 178
Ion Ratio Lower Upper
41 100
69 21.9 61.9 92.9#
39 120.8 43.0 64.4#



#49
1,4-Dioxane
Concen: 23.851 ug/l
RT: 9.30 min Scan# 1214
Delta R.T. -0.18 min
Lab File: VW008285.D
Acq: 15 Jan 2019 16:55

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 760.0 0.0 0.0#
58 220.0 61.7 92.5#

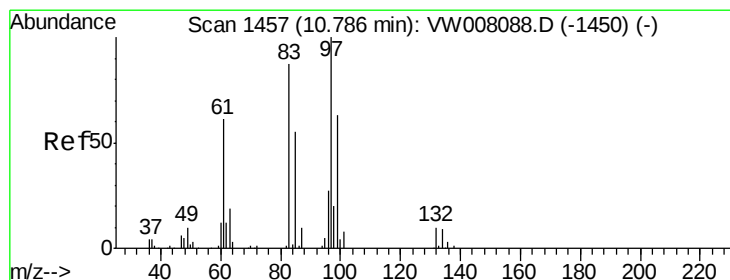
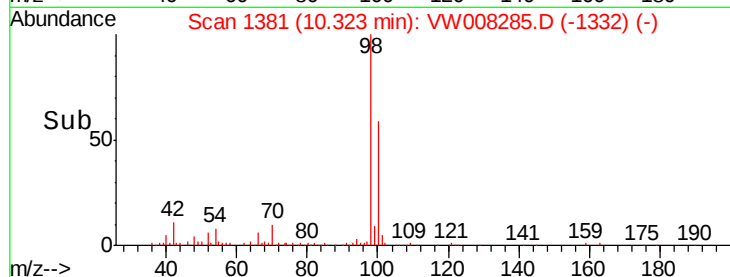
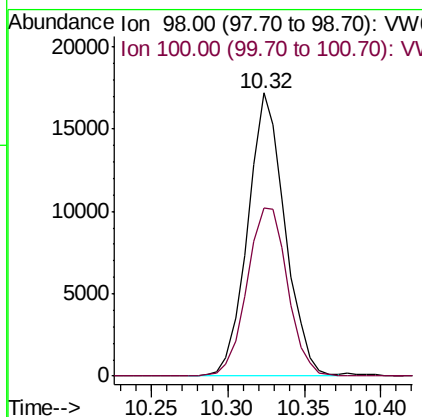
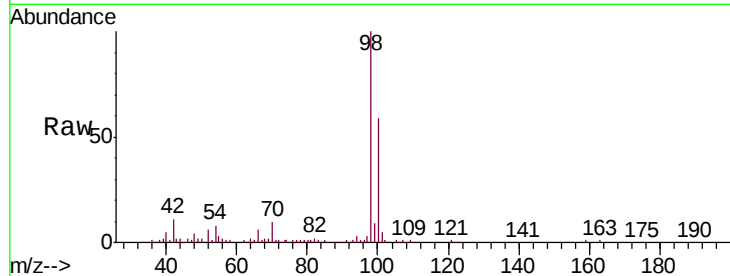




#50
Toluene-d8
Concen: 51.538 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008285.D
Acq: 15 Jan 2019 16:55

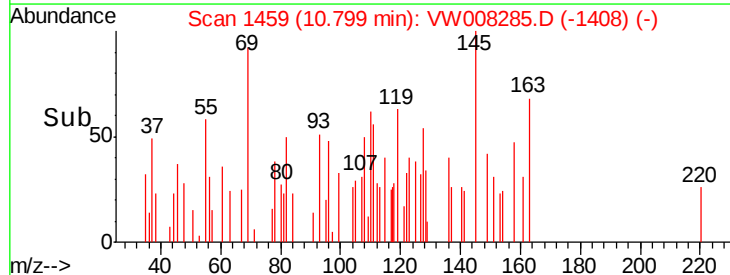
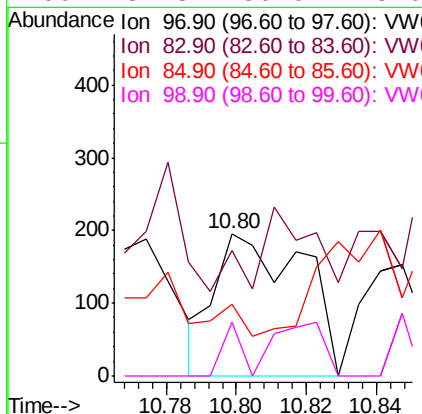
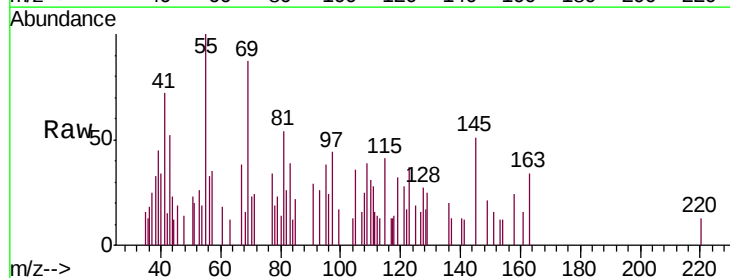
Instrument :
MSVOA_W
ClientSampled :
TP-1

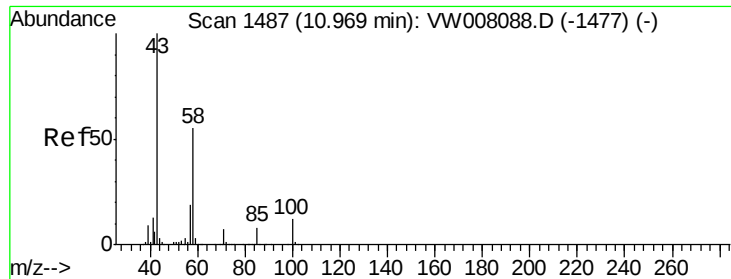
Tgt Ion: 98 Resp: 28998
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



#55
1,1,2-Trichloroethane
Concen: 3.114 ug/l
RT: 10.80 min Scan# 1459
Delta R.T. 0.01 min
Lab File: VW008285.D
Acq: 15 Jan 2019 16:55

Tgt Ion: 97 Resp: 342
Ion Ratio Lower Upper
97 100
83 23.0 69.3 103.9#
85 13.3 43.8 65.6#
99 37.8 50.0 75.0#

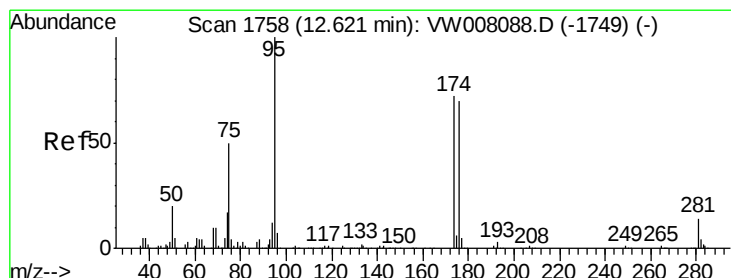
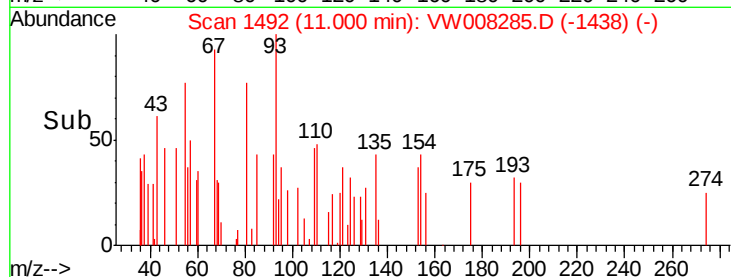
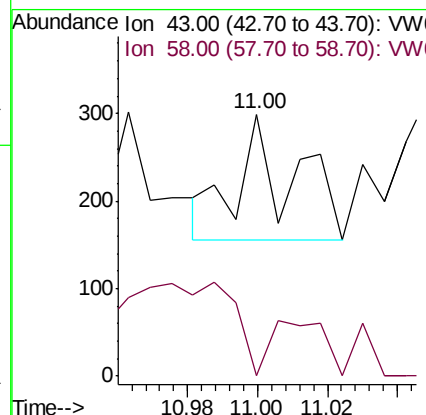
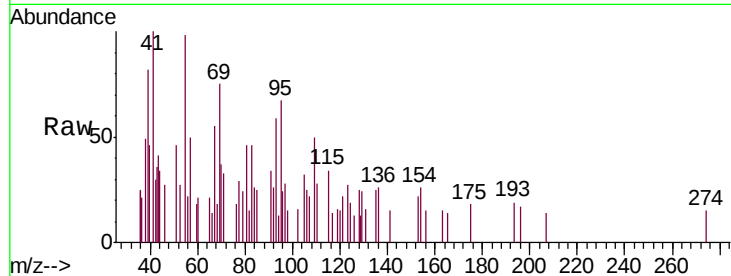




#59
2-Hexanone
Concen: 2.593 ug/l
RT: 11.00 min Scan# 1492
Delta R.T. 0.03 min
Lab File: VW008285.D
Acq: 15 Jan 2019 16:55

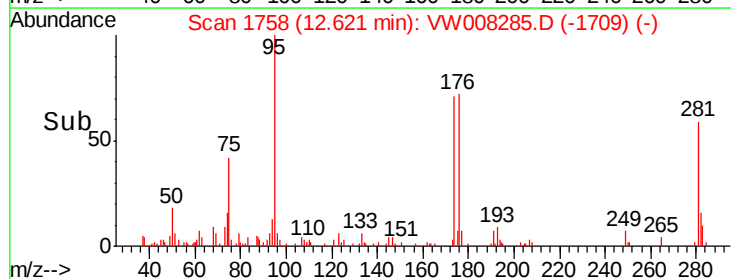
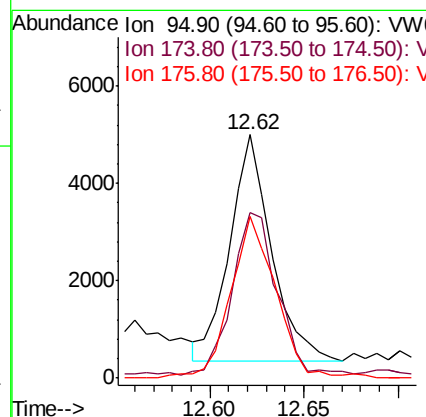
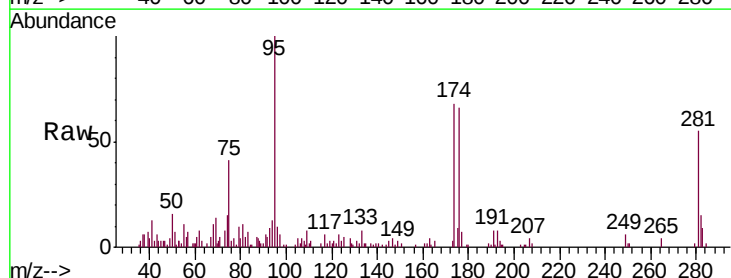
Instrument :
MSVOA_W
ClientSampled :
TP-1

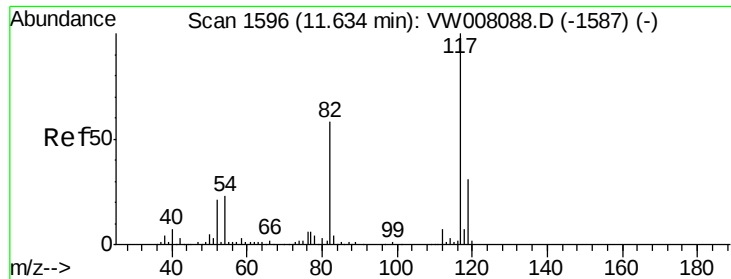
Tgt Ion: 43 Resp: 161
Ion Ratio Lower Upper
43 100
58 54.7 27.2 81.5



#62
4-Bromofluorobenzene
Concen: 35.635 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008285.D
Acq: 15 Jan 2019 16:55

Tgt Ion: 95 Resp: 7188
Ion Ratio Lower Upper
95 100
174 76.9 0.0 143.0
176 76.1 0.0 140.2

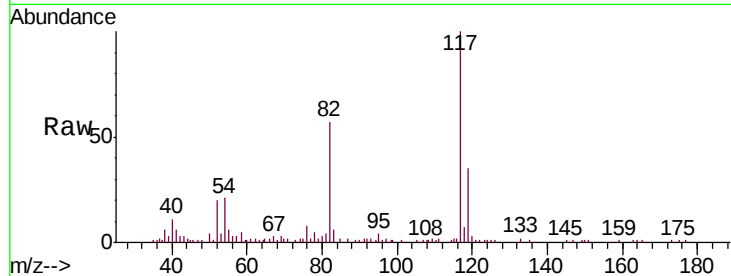




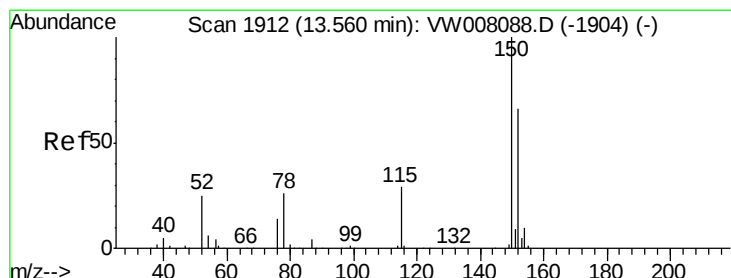
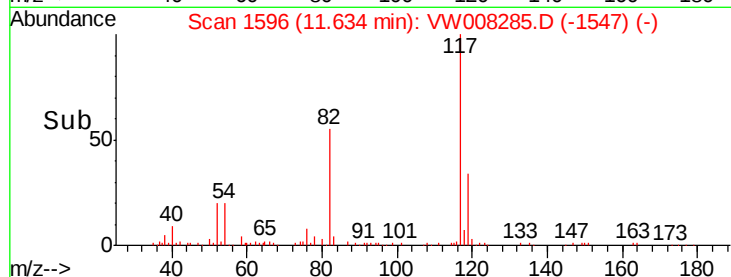
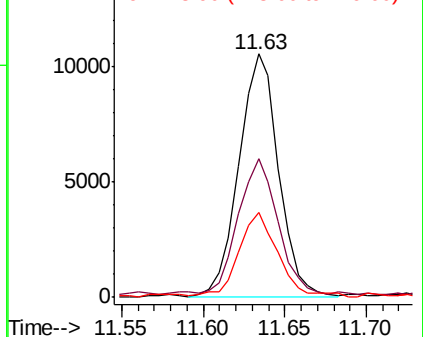
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008285.D
Acq: 15 Jan 2019 16:55

Instrument :
MSVOA_W
ClientSampled :
TP-1

Tgt Ion:117 Resp: 17974
Ion Ratio Lower Upper
117 100
82 54.6 46.4 69.6
119 33.8 24.7 37.1

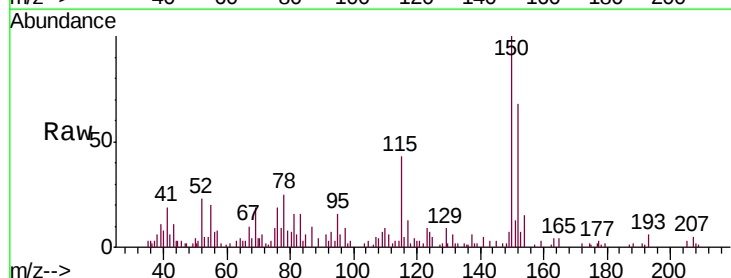


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

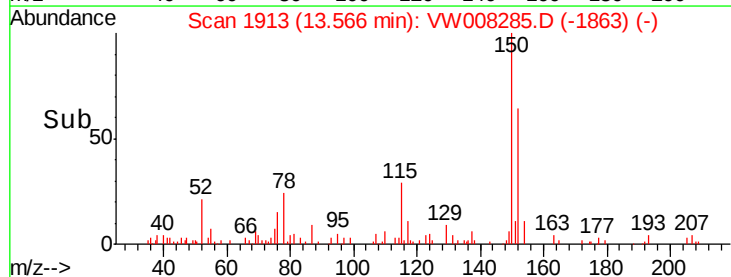
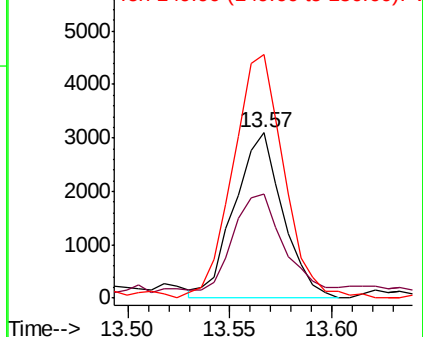


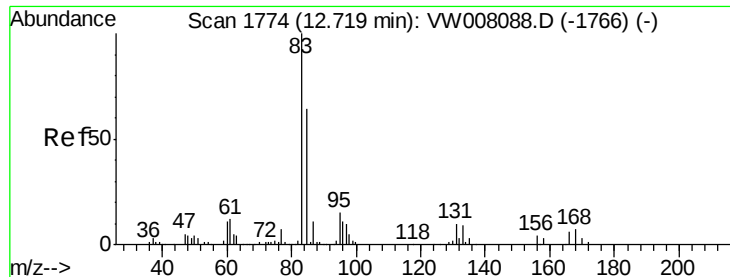
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW008285.D
Acq: 15 Jan 2019 16:55

Tgt Ion:152 Resp: 5116
Ion Ratio Lower Upper
152 100
115 56.1 30.8 92.4
150 154.4 0.0 350.2



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





#75

1,1,2,2-Tetrachloroethane

Concen: 2.613 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008285.D

Acq: 15 Jan 2019 16:55

Instrument :

MSVOA_W

ClientSampled :

TP-1

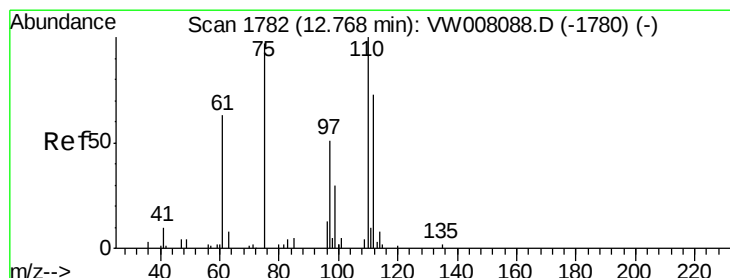
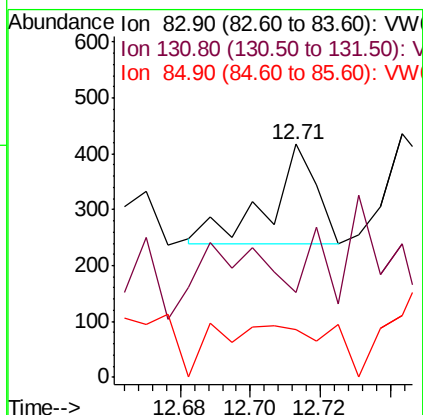
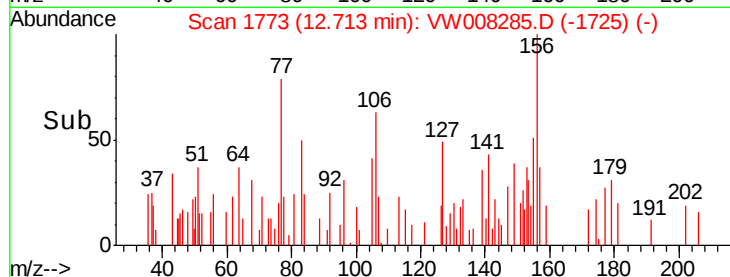
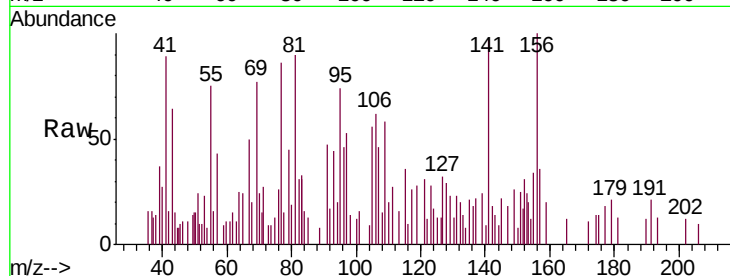
Tgt Ion: 83 Resp: 168

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

85 0.0 32.4 97.2#



#76

1,2,3-Trichloropropane

Concen: 2.980 ug/l

RT: 12.70 min Scan# 1771

Delta R.T. -0.07 min

Lab File: VW008285.D

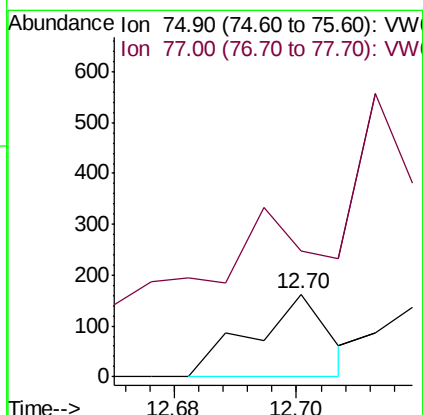
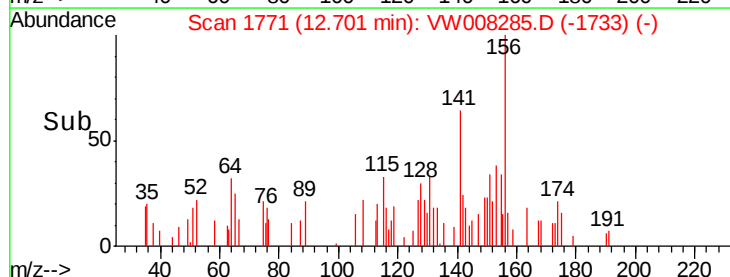
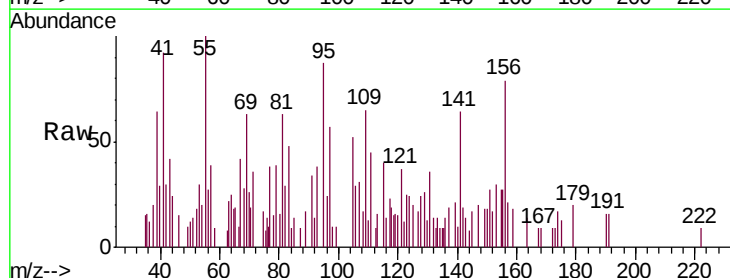
Acq: 15 Jan 2019 16:55

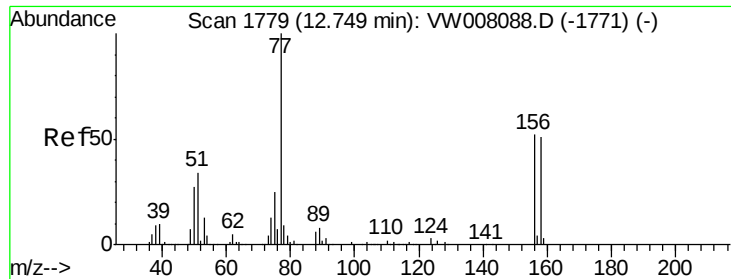
Tgt Ion: 75 Resp: 139

Ion Ratio Lower Upper

75 100

77 441.0 179.4 538.2





#77

Bromobenzene

Concen: 71.746 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008285.D

Acq: 15 Jan 2019 16:55

Instrument :

MSVOA_W

ClientSampled :

TP-1

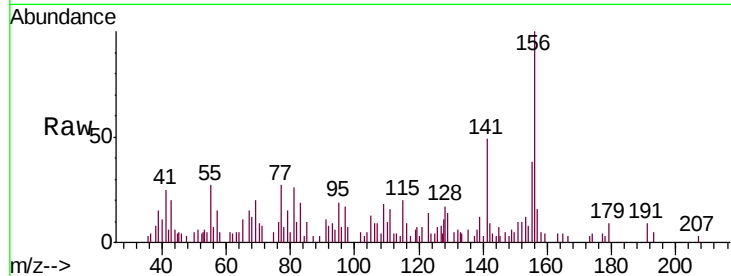
Tgt Ion:156 Resp: 6089

Ion Ratio Lower Upper

156 100

77 5.8 104.2 312.5#

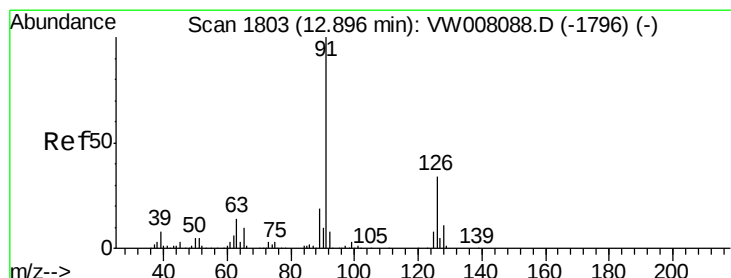
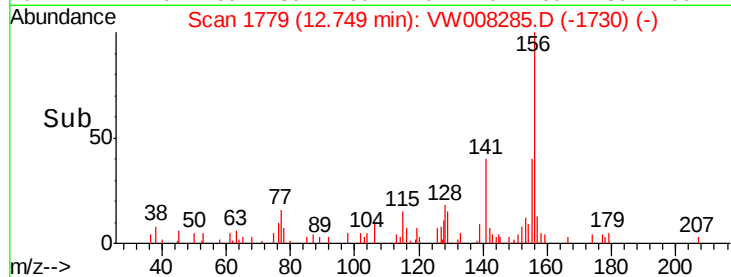
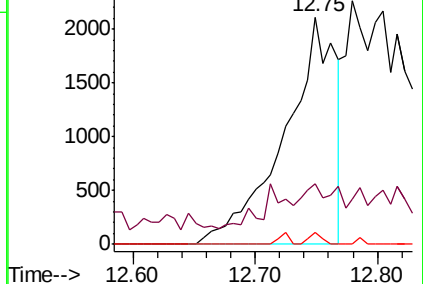
158 1.3 47.9 143.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#79

2-Chlorotoluene

Concen: 1.475 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW008285.D

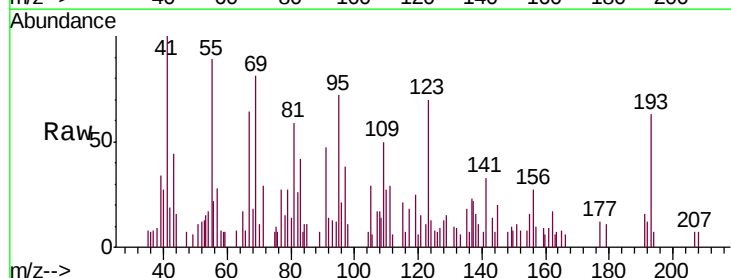
Acq: 15 Jan 2019 16:55

Tgt Ion: 91 Resp: 405

Ion Ratio Lower Upper

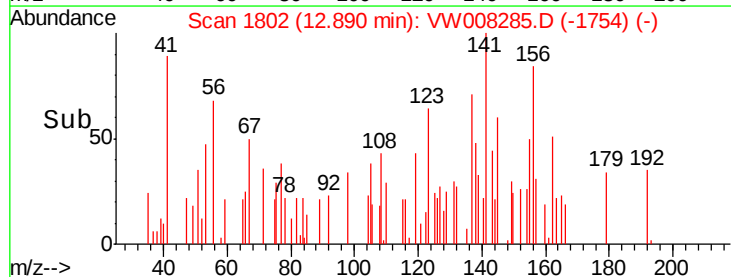
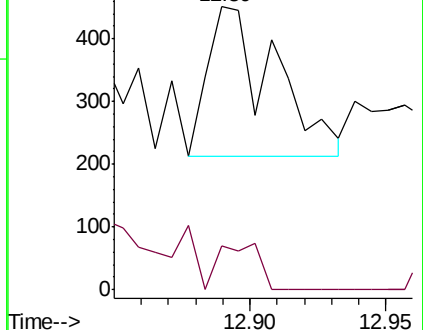
91 100

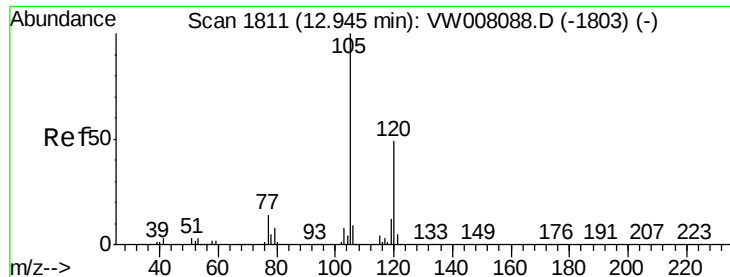
126 18.5 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 1.051 ug/l

RT: 13.10 min Scan# 1836

Delta R.T. 0.15 min

Lab File: VW008285.D

Acq: 15 Jan 2019 16:55

Instrument :

MSVOA_W

ClientSampled :

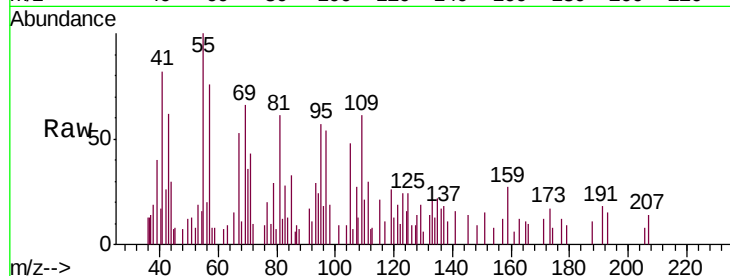
TP-1

Tgt Ion: 105 Resp: 347

Ion Ratio Lower Upper

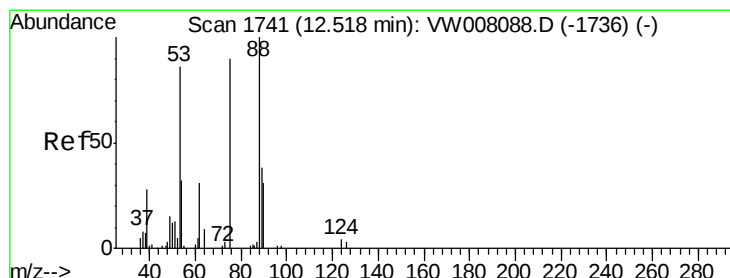
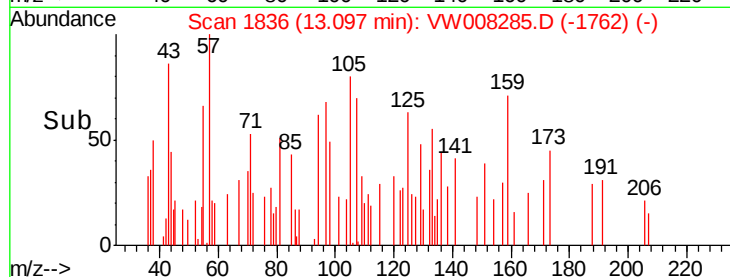
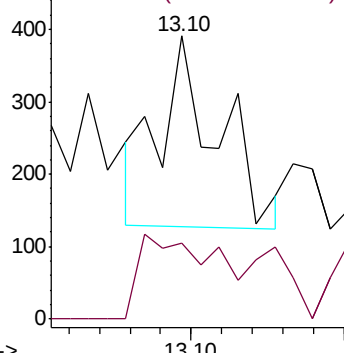
105 100

120 57.6 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 186.294 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008285.D

Acq: 15 Jan 2019 16:55

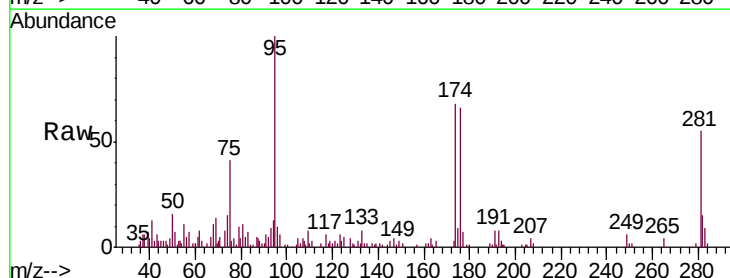
Tgt Ion: 75 Resp: 3731

Ion Ratio Lower Upper

75 100

53 5.3 78.8 118.2#

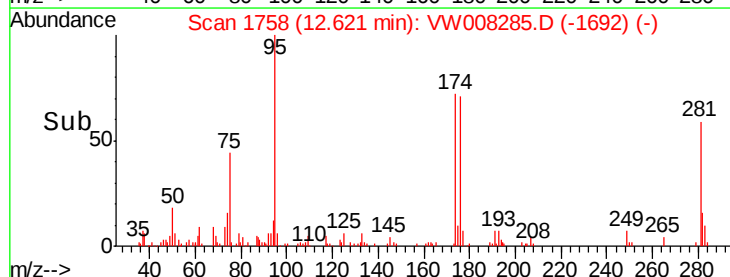
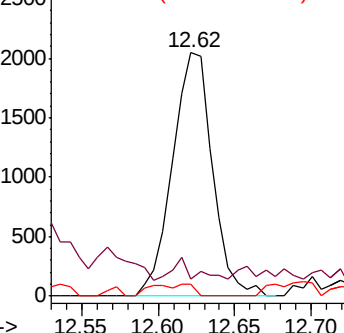
89 5.1 35.4 53.2#

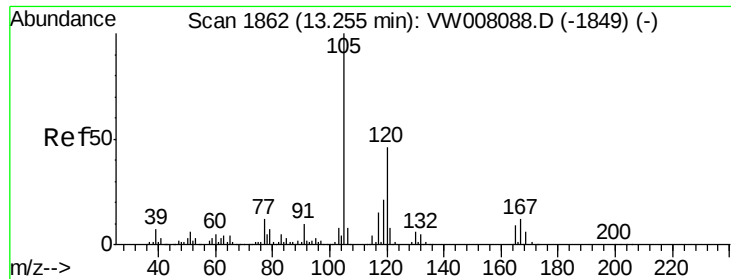


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

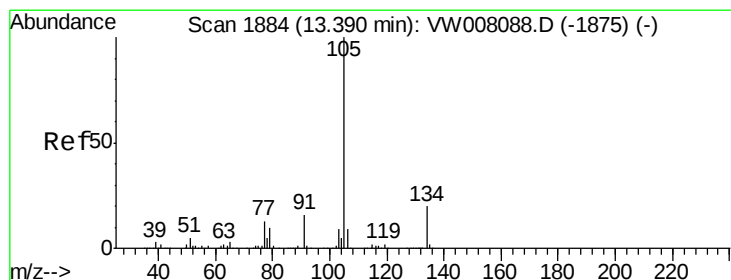
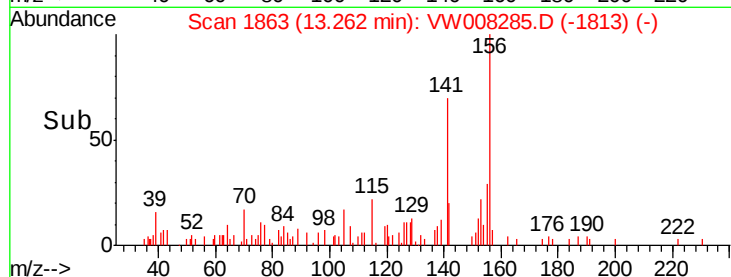
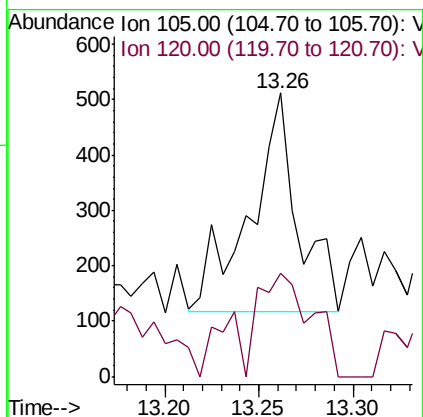
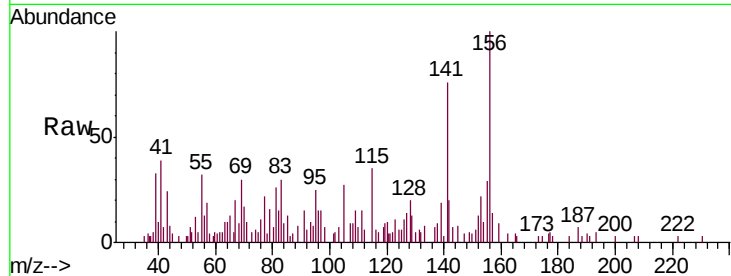




#84
 1,2,4-Trimethylbenzene
 Concen: 2.039 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW008285.D
 Acq: 15 Jan 2019 16:55

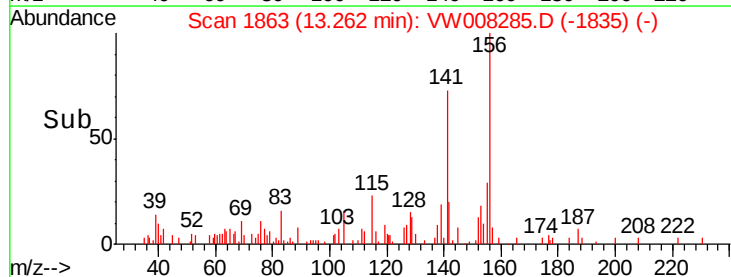
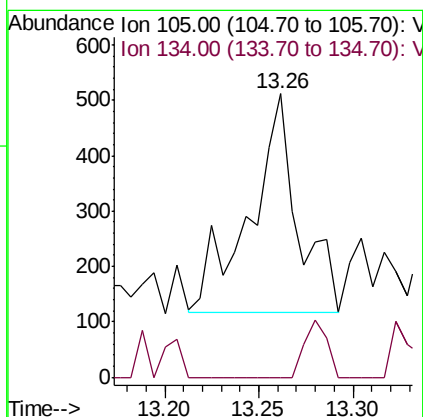
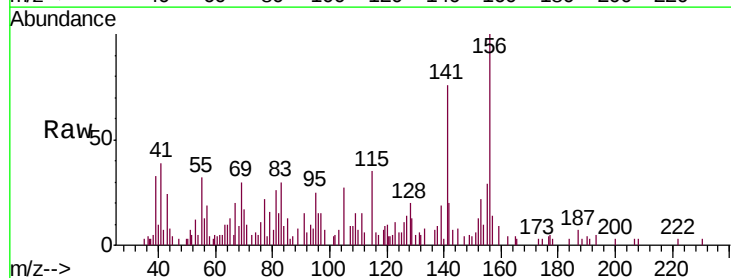
Instrument :
 MSVOA_W
 ClientSampled :
 TP-1

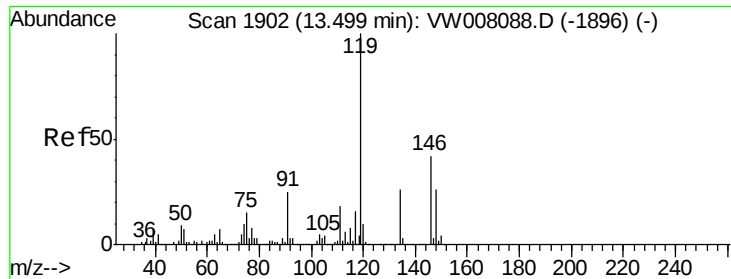
Tgt Ion:105 Resp: 694
 Ion Ratio Lower Upper
 105 100
 120 52.4 22.7 68.1



#85
 sec-Butylbenzene
 Concen: 1.639 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. -0.13 min
 Lab File: VW008285.D
 Acq: 15 Jan 2019 16:55

Tgt Ion:105 Resp: 701
 Ion Ratio Lower Upper
 105 100
 134 12.1 10.1 30.1

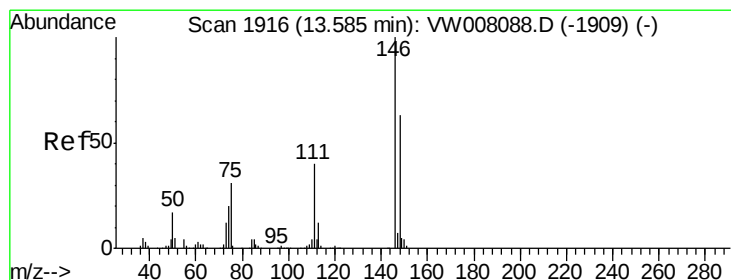
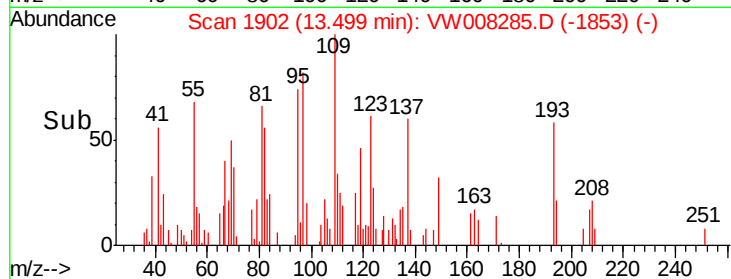
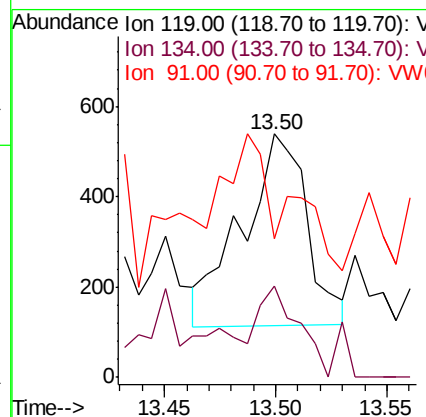
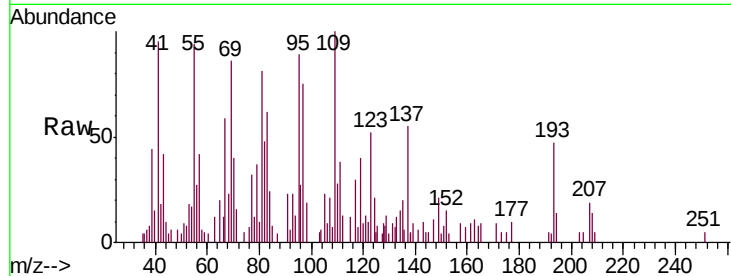




#86
p-Isopropyltoluene
Concen: 2.309 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW008285.D
Acq: 15 Jan 2019 16:55

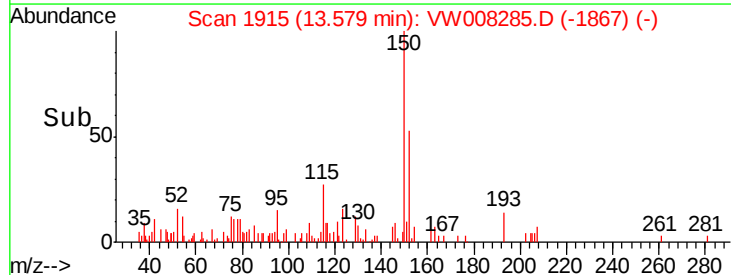
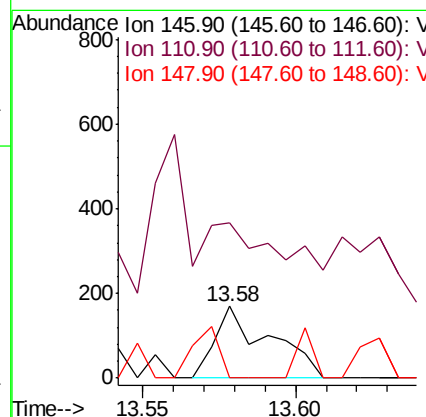
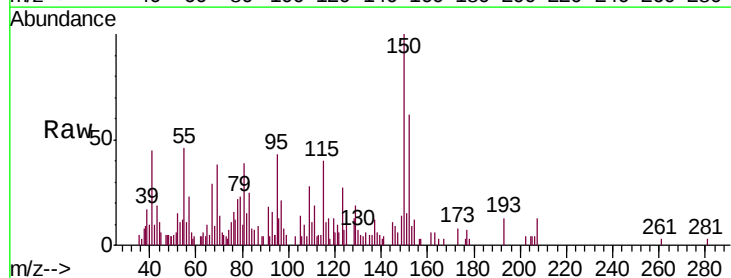
Instrument :
MSVOA_W
ClientSampled :
TP-1

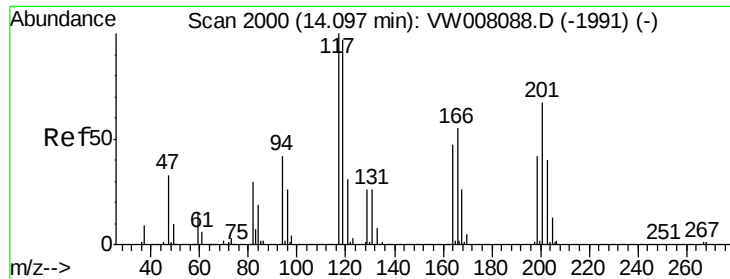
Tgt Ion:119 Resp: 853
Ion Ratio Lower Upper
119 100
134 29.5 13.3 39.8
91 29.4 12.3 36.9



#88
1,4-Dichlorobenzene
Concen: 1.222 ug/l
RT: 13.58 min Scan# 1915
Delta R.T. -0.01 min
Lab File: VW008285.D
Acq: 15 Jan 2019 16:55

Tgt Ion:146 Resp: 211
Ion Ratio Lower Upper
146 100
111 148.3 20.5 61.5#
148 34.1 31.6 94.8





#90

Hexachloroethane

Concen: 2.901 ug/l

RT: 14.11 min Scan# 2002

Delta R.T. 0.01 min

Lab File: VW008285.D

Acq: 15 Jan 2019 16:55

Instrument :

MSVOA_W

ClientSampled :

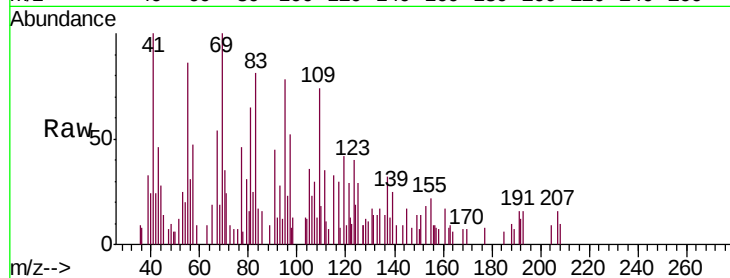
TP-1

Tgt Ion:117 Resp: 181

Ion Ratio Lower Upper

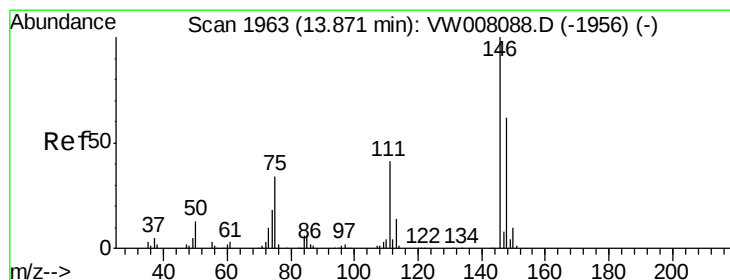
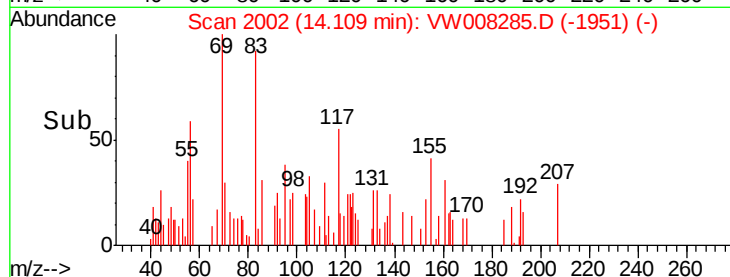
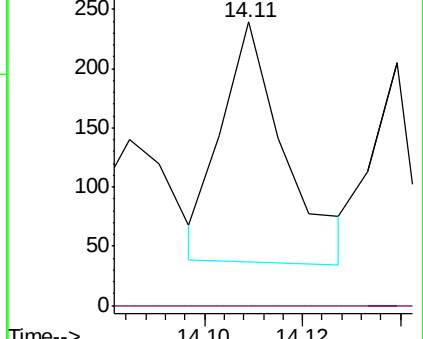
117 100

201 0.0 33.0 98.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 3.298 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.01 min

Lab File: VW008285.D

Acq: 15 Jan 2019 16:55

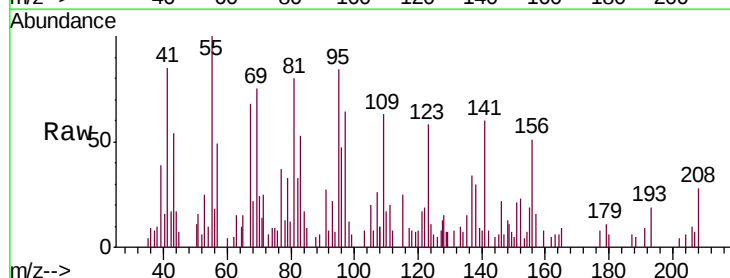
Tgt Ion:146 Resp: 499

Ion Ratio Lower Upper

146 100

111 40.5 21.3 63.7

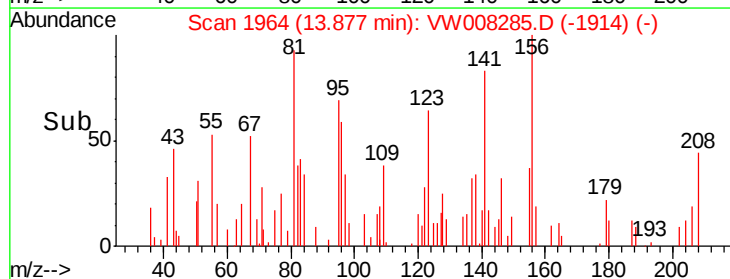
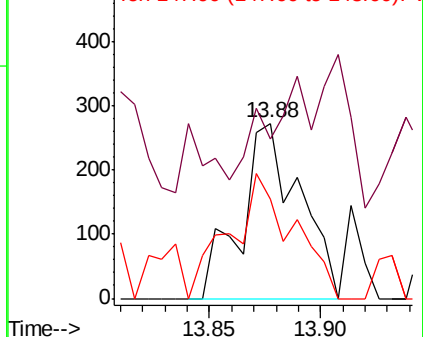
148 76.6 31.5 94.5

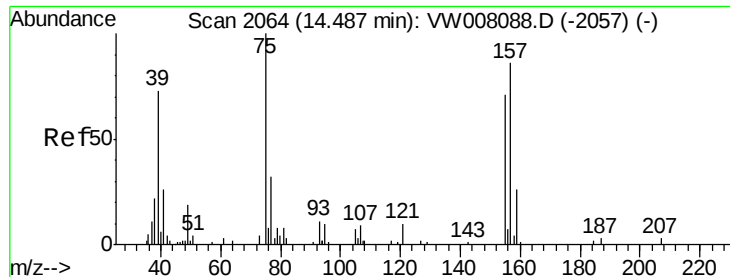


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 6.186 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.01 min

Lab File: VW008285.D

Acq: 15 Jan 2019 16:55

Instrument :

MSVOA_W

ClientSampled :

TP-1

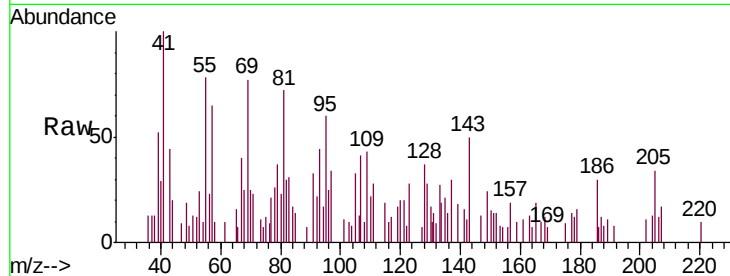
Tgt Ion: 75 Resp: 64

Ion Ratio Lower Upper

75 100

155 0.0 38.6 115.7#

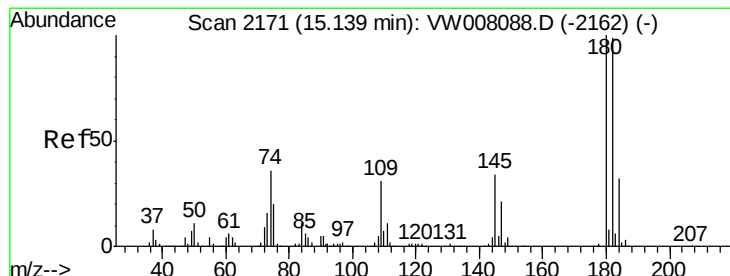
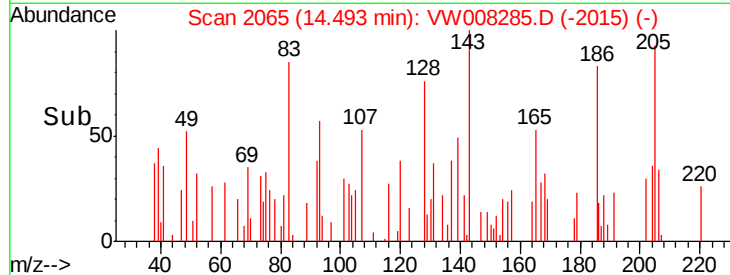
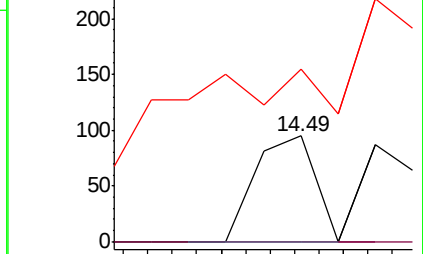
157 451.6 47.5 142.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 1.752 ug/l

RT: 15.13 min Scan# 2170

Delta R.T. -0.01 min

Lab File: VW008285.D

Acq: 15 Jan 2019 16:55

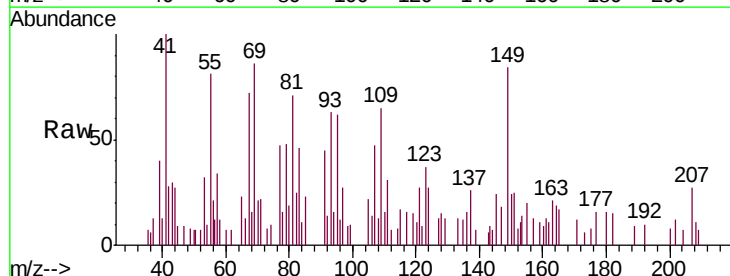
Tgt Ion: 180 Resp: 176

Ion Ratio Lower Upper

180 100

182 97.2 48.6 145.9

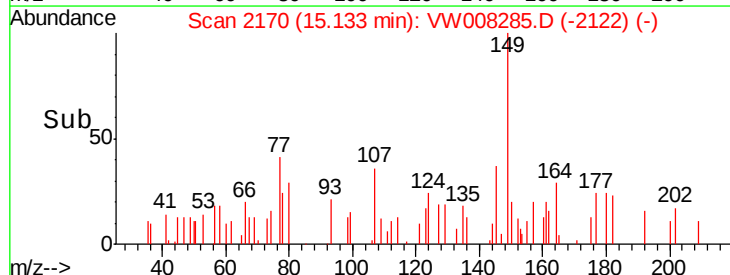
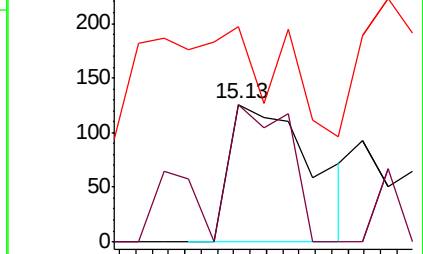
145 321.6 16.6 49.7#

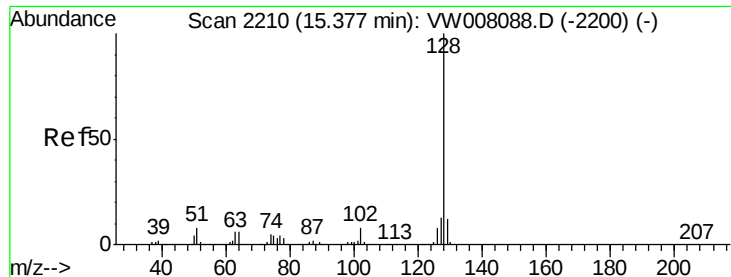


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

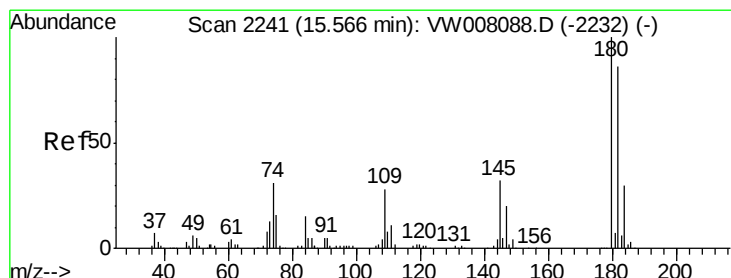
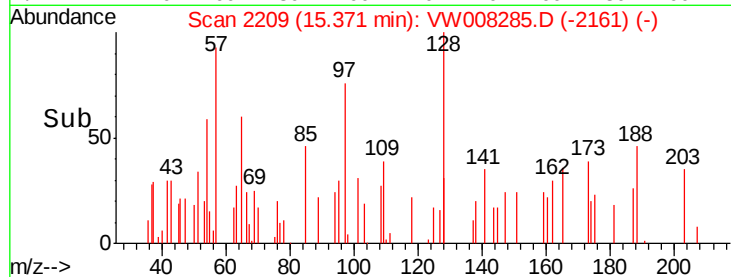
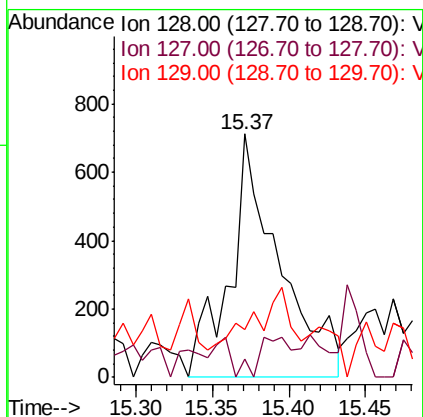
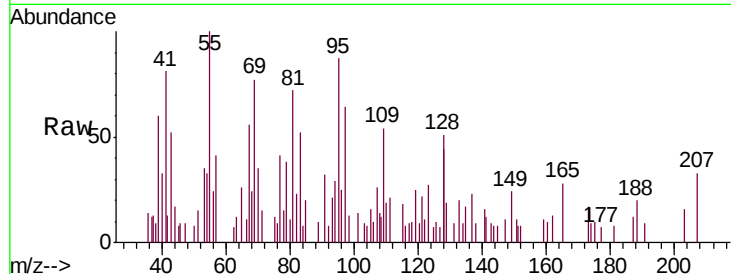




#95
Naphthalene
Concen: 8.653 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW008285.D
Acq: 15 Jan 2019 16:55

Instrument :
MSVOA_W
ClientSampled :
TP-1

Tgt Ion:128 Resp: 1623
Ion Ratio Lower Upper
128 100
127 6.0 11.0 16.4#
129 0.0 9.0 13.6#



#96
1,2,3-Trichlorobenzene
Concen: 2.324 ug/l
RT: 15.58 min Scan# 2243
Delta R.T. 0.01 min
Lab File: VW008285.D
Acq: 15 Jan 2019 16:55

Tgt Ion:180 Resp: 199
Ion Ratio Lower Upper
180 100
182 0.0 46.5 139.3#
145 187.4 17.4 52.2#

