

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007031.D
 Acq On : 22 Nov 2018 06:43
 Operator : VAY/AP
 Sample : J6014-01RE
 Misc : 6.38G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 22 23:45:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	12558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	20579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	16146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	4296	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	6522	53.05	ug/l	0.00
Spiked Amount			Recovery	=	106.10%	
35) Dibromofluoromethane	7.88	113	5987	51.52	ug/l	0.00
Spiked Amount			Recovery	=	103.04%	
50) Toluene-d8	10.33	98	22783	44.39	ug/l	0.00
Spiked Amount			Recovery	=	88.78%	
62) 4-Bromofluorobenzene	12.62	95	8269	40.95	ug/l	0.00
Spiked Amount			Recovery	=	81.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	2.96	64	83	1.481	ug/l #	43
16) Acetone	4.13	43	5304	297.138	ug/l	94
17) Carbon Disulfide	4.40	76	384	1.045	ug/l #	74
18) Methyl Acetate	4.68	43	181	2.847	ug/l #	50
20) Methylene Chloride	4.92	84	492	Below Cal	#	81
25) 2-Butanone	7.18	43	1379	45.106	ug/l	90
31) Cyclohexane	7.95	56	335	1.415	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	970	4.823	ug/l #	48
37) Ethyl Acetate	7.18	43	1379	18.923	ug/l #	69
38) Carbon Tetrachloride	7.96	117	1375	7.140	ug/l #	13
39) Methylcyclohexane	9.34	83	261	1.037	ug/l #	76
41) Methacrylonitrile	7.51	41	47	1.039	ug/l #	21
46) Dibromomethane	9.48	93	99	1.477	ug/l #	43
48) Methyl methacrylate	9.47	41	274	4.092	ug/l #	30
53) t-1,3-Dichloropropene	10.72	75	304	1.777	ug/l #	44
56) Ethyl methacrylate	10.66	69	247	2.158	ug/l #	1
59) 2-Hexanone	10.99	43	50	1.040	ug/l	65
60) Dibromochloromethane	11.13	129	260	2.314	ug/l	70
66) 1,1,1,2-Tetrachloroethane	11.73	131	179	1.756	ug/l #	48
68) m/p-Xylenes	11.83	106	634	2.610	ug/l #	70
71) Bromoform	12.37	173	828	17.242	ug/l #	63
73) Isopropylbenzene	12.41	105	387	1.159	ug/l	98
74) N-amyl acetate	12.27	43	249	4.450	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.71	83	19697	443.289	ug/l #	27
76) 1,2,3-Trichloropropane	12.71	75	106	3.140	ug/l #	100
77) Bromobenzene	12.94	156	68888	960.629	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.52	75	167	12.420	ug/l #	1
83) tert-Butylbenzene	13.21	119	6207	24.831	ug/l #	31
84) 1,2,4-Trimethylbenzene	13.26	105	1104	3.838	ug/l	74
85) sec-Butylbenzene	13.37	105	478	1.354	ug/l #	35
87) 1,3-Dichlorobenzene	13.50	146	320	2.186	ug/l #	1
88) 1,4-Dichlorobenzene	13.56	146	149	1.021	ug/l #	1
89) n-Butylbenzene	13.80	91	2305	7.862	ug/l #	38
90) Hexachloroethane	14.06	117	182	4.001	ug/l	62

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Response via : Initial Calibration

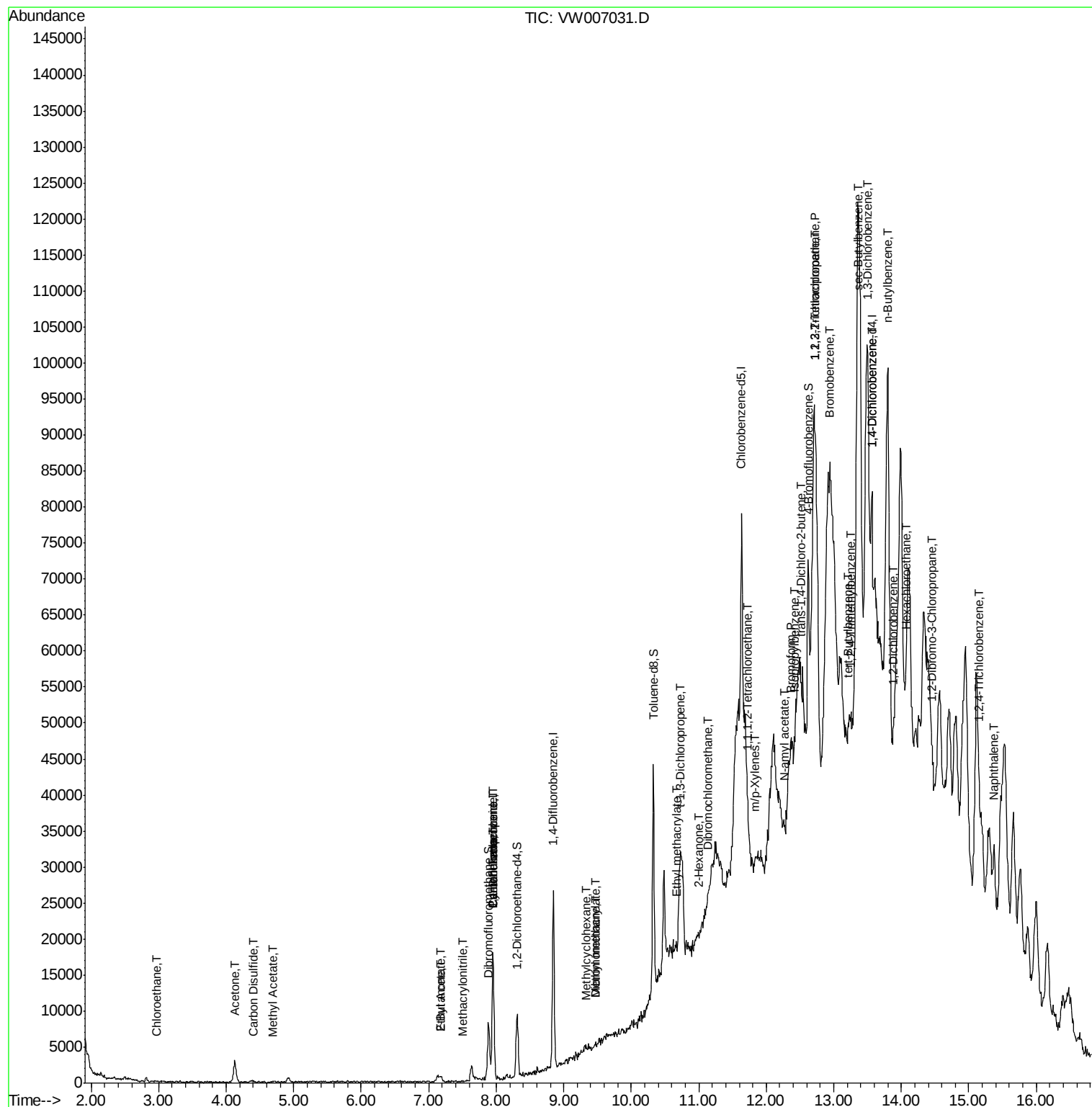
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.87	146	184	1.434	ug/l #	30
92) 1,2-Dibromo-3-Chloropropan	14.46	75	48	6.396	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.15	180	138	1.631	ug/l #	13
95) Naphthalene	15.36	128	837	5.451	ug/l #	84

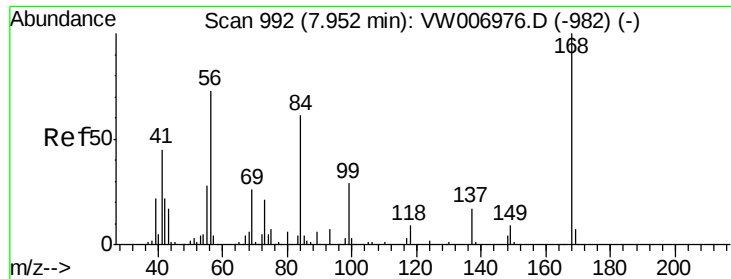
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112218\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007031.D

Acq: 22 Nov 2018 06:43

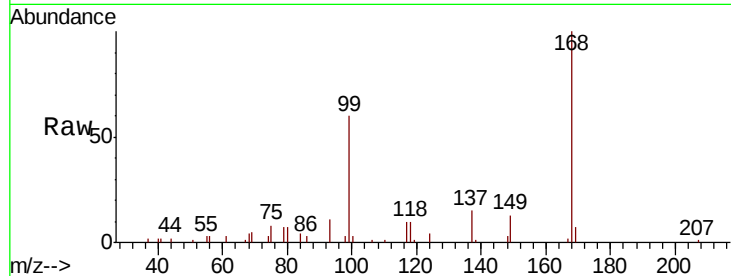
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 12558

Ion Ratio Lower Upper

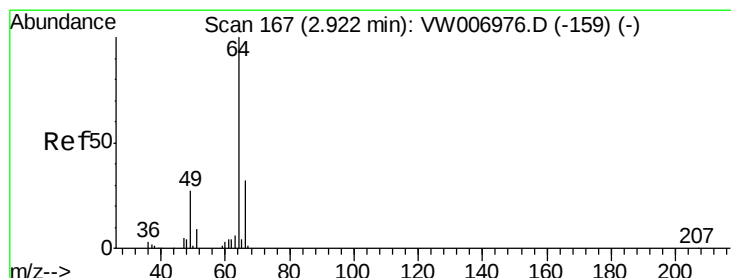
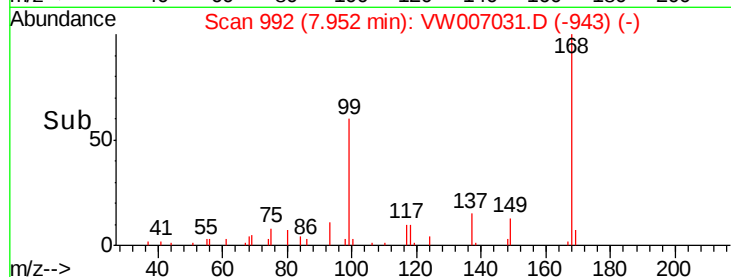
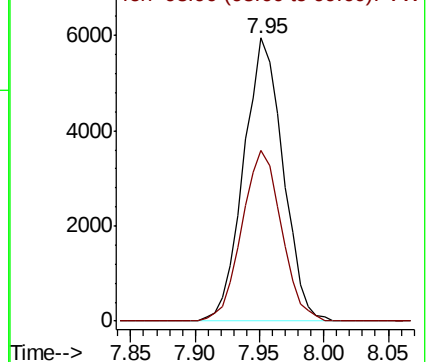
168 100

99 60.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#6

Chloroethane

Concen: 1.481 ug/l

RT: 2.96 min Scan# 174

Delta R.T. 0.04 min

Lab File: VW007031.D

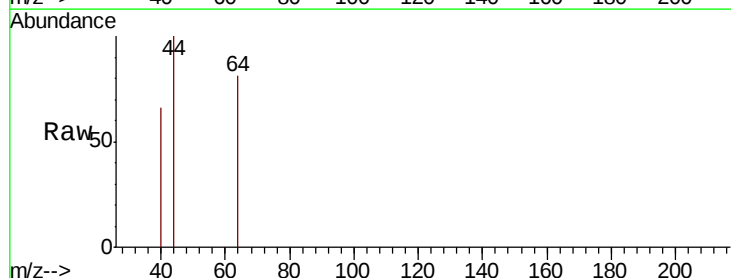
Acq: 22 Nov 2018 06:43

Tgt Ion: 64 Resp: 83

Ion Ratio Lower Upper

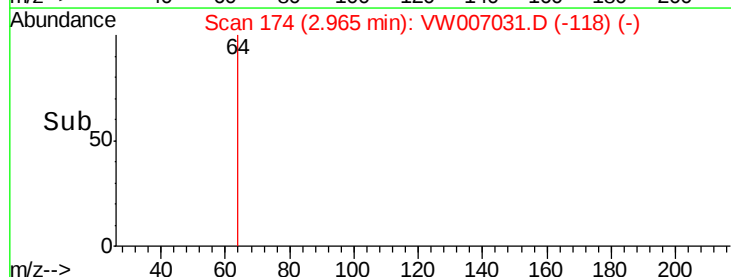
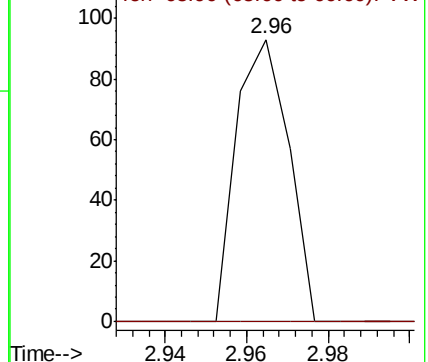
64 100

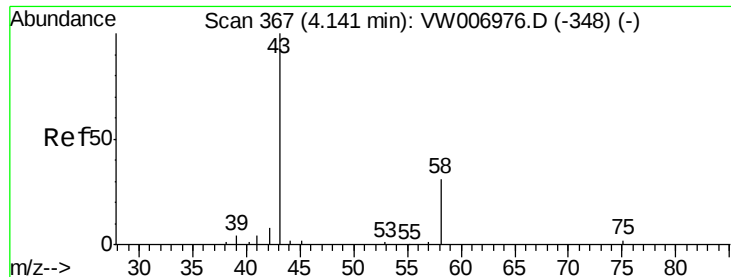
66 0.0 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#16

Acetone

Concen: 297.138 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW007031.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_W

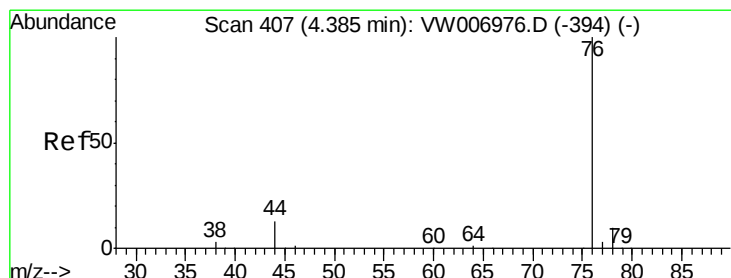
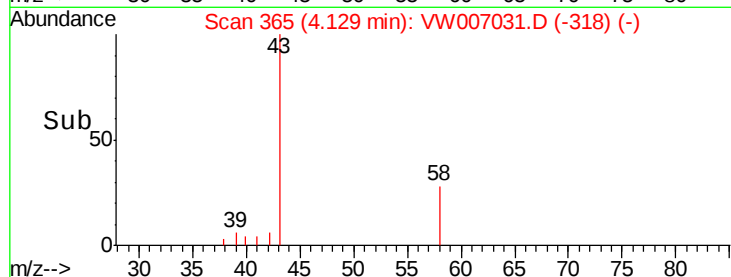
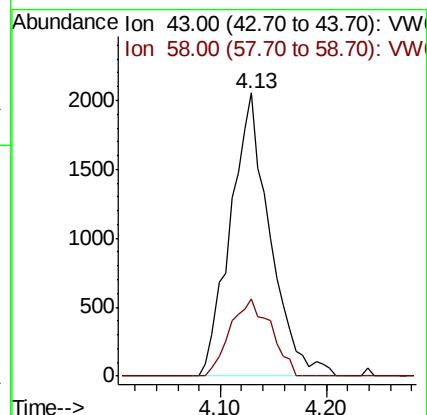
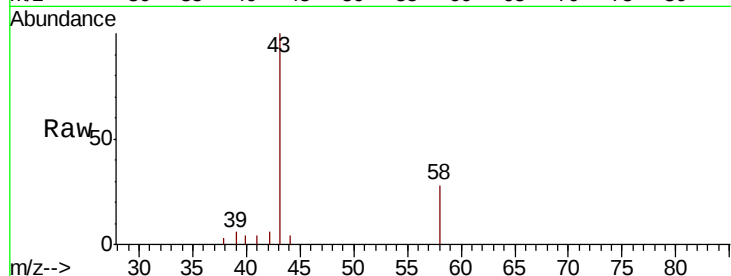
ClientSampled :

Tot Ion: 43 Resp: 5304

Ion Ratio Lower Upper

43 100

58 27.5 24.8 37.2



#17

Carbon Disulfide

Concen: 1.045 ug/l

RT: 4.40 min Scan# 410

Delta R.T. 0.02 min

Lab File: VW007031.D

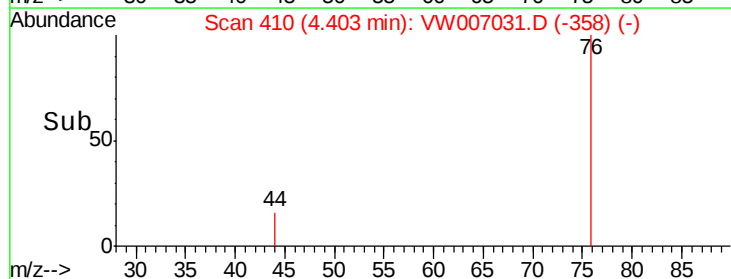
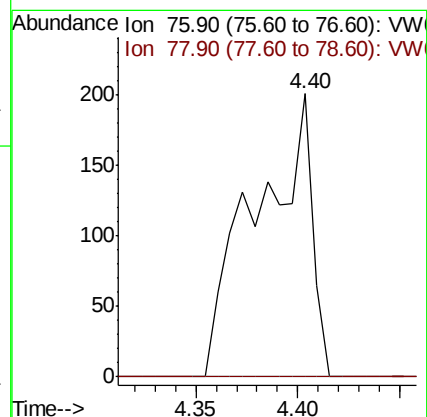
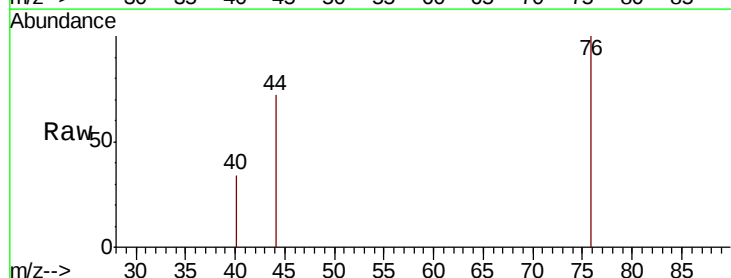
Acq: 22 Nov 2018 06:43

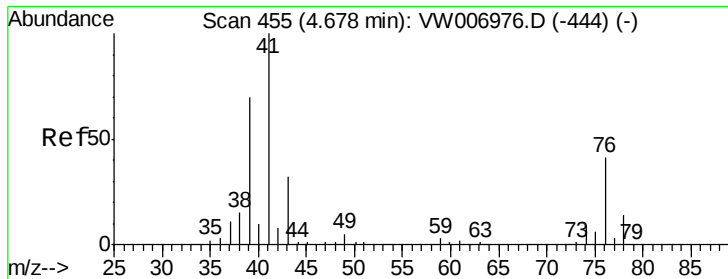
Tgt Ion: 76 Resp: 384

Ion Ratio Lower Upper

76 100

78 0.0 7.8 11.6#

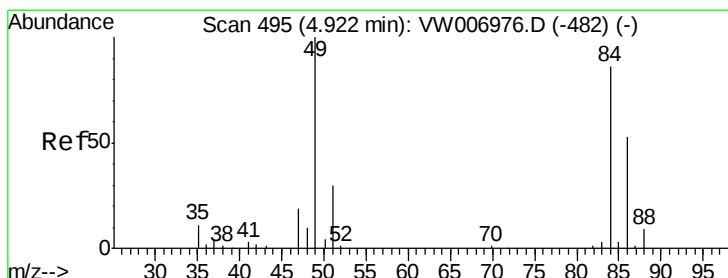
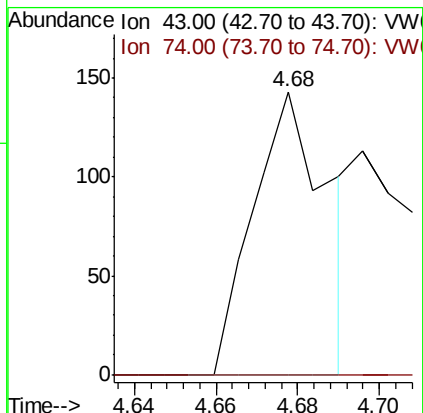
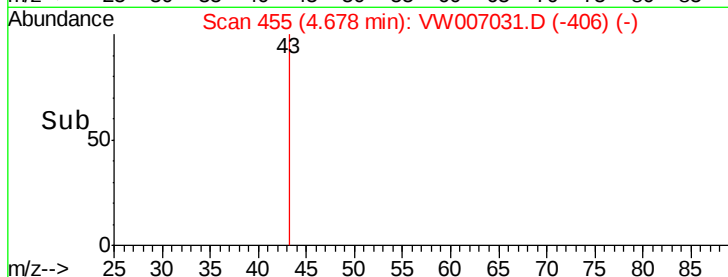
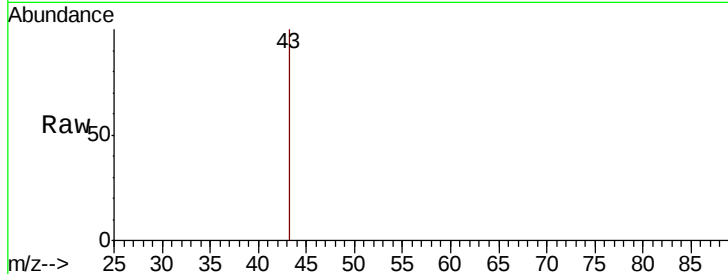




#18
Methyl Acetate
Concen: 2.847 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW007031.D
Acq: 22 Nov 2018 06:43

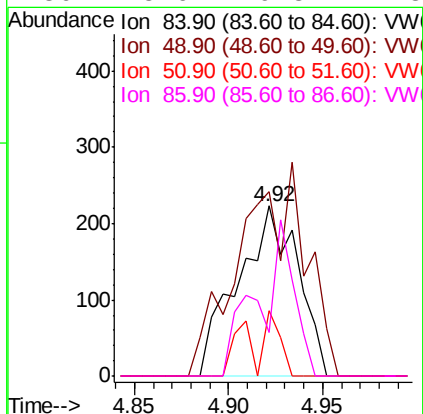
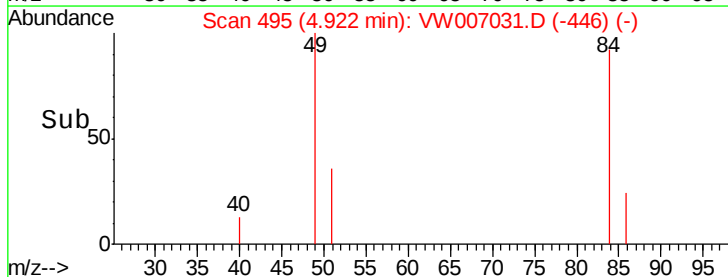
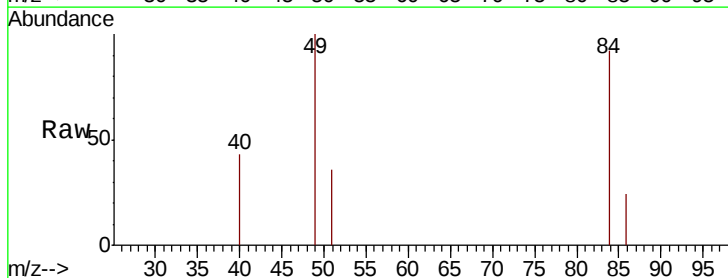
Instrument :
MSVOA_W
ClientSampleId :

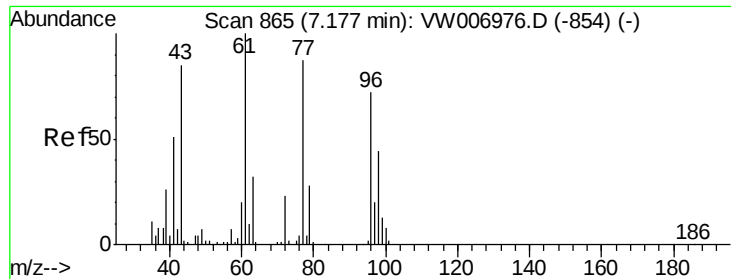
Tot Ion: 43 Resp: 181
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007031.D
Acq: 22 Nov 2018 06:43

Tgt Ion: 84 Resp: 492
Ion Ratio Lower Upper
84 100
49 108.5 93.4 140.0
51 38.6 28.4 42.6
86 25.6 49.8 74.8#





#25

2-Butanone

Concen: 45.106 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW007031.D

Acq: 22 Nov 2018 06:43

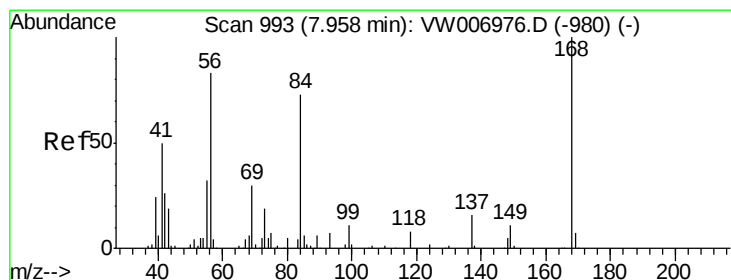
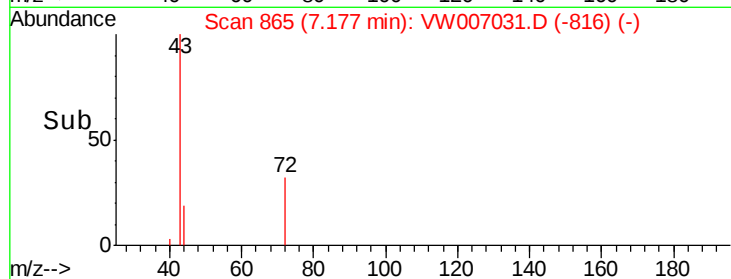
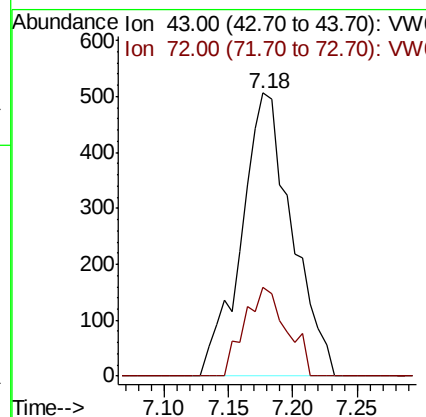
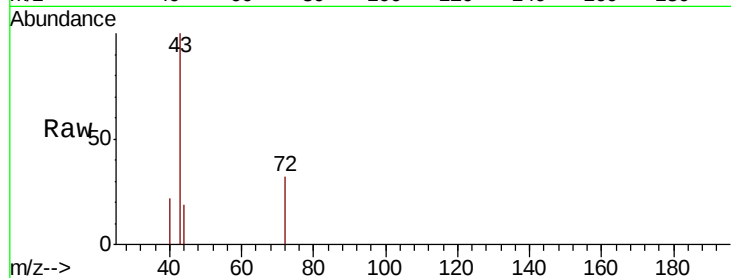
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1379

Ion Ratio Lower Upper

43 100

72 31.6 21.3 31.9



#31

Cyclohexane

Concen: 1.415 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW007031.D

Acq: 22 Nov 2018 06:43

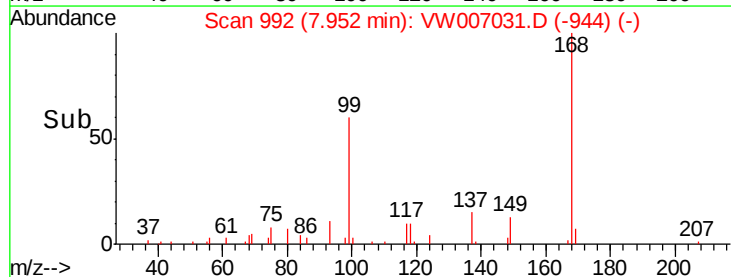
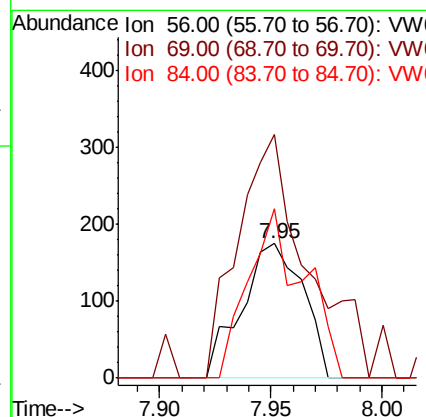
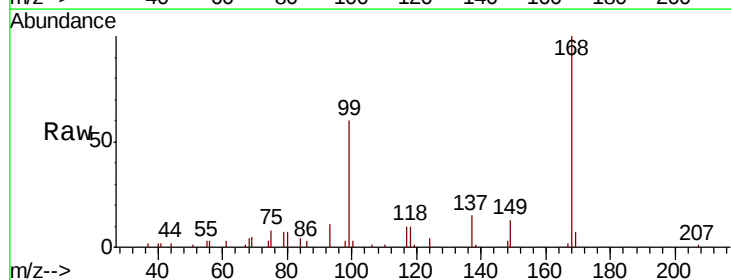
Tgt Ion: 56 Resp: 335

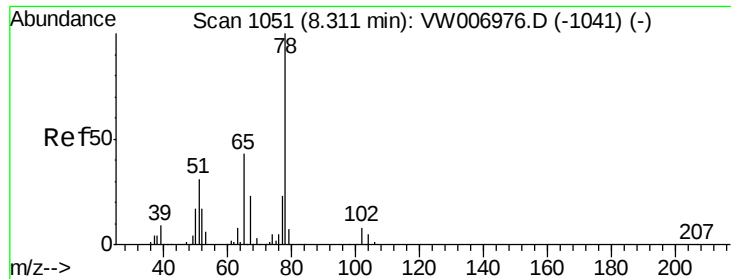
Ion Ratio Lower Upper

56 100

69 181.1 29.1 43.7#

84 126.3 70.6 105.8#

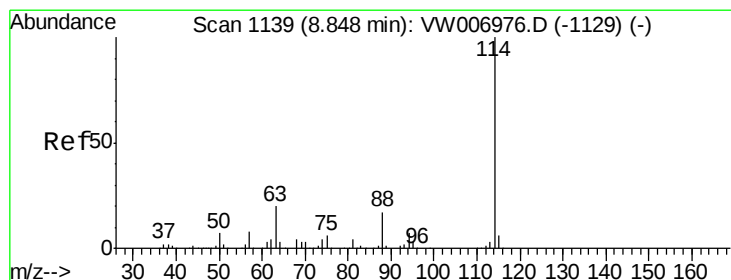
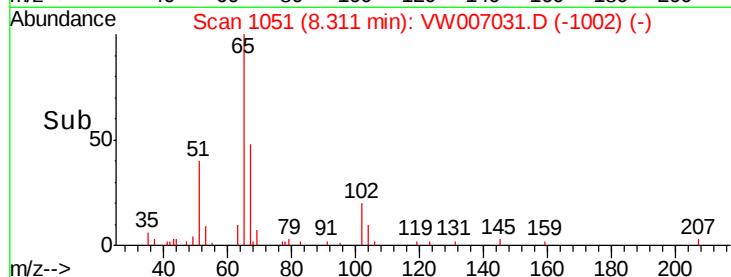
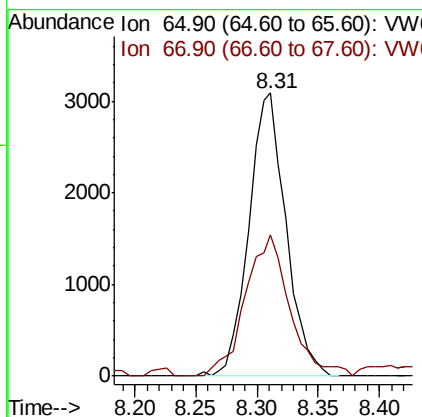
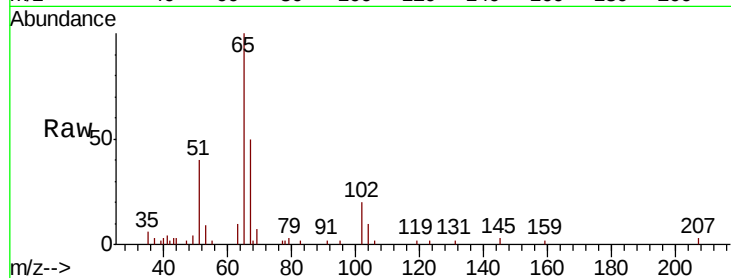




#33
 1,2-Dichloroethane-d4
 Concen: 53.048 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007031.D
 Acq: 22 Nov 2018 06:43

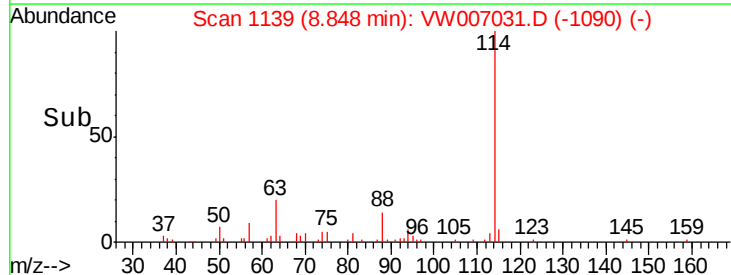
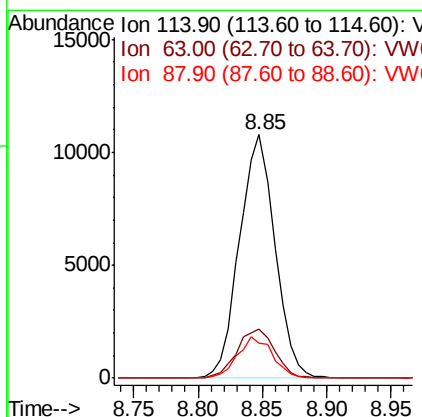
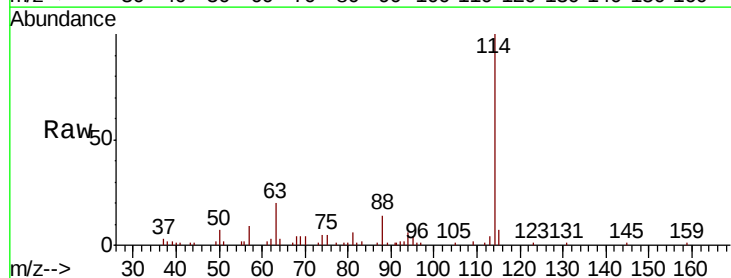
Instrument :
 MSVOA_W
 ClientSampleId :

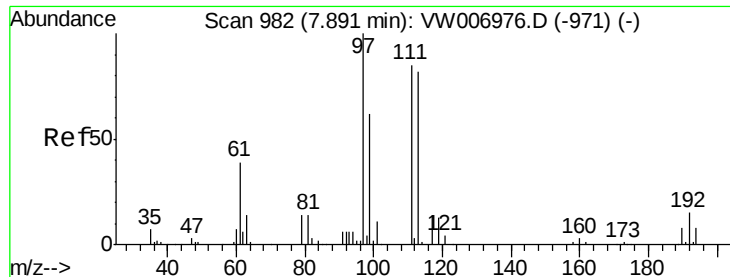
Tot Ion: 65 Resp: 6522
 Ion Ratio Lower Upper
 65 100
 67 59.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007031.D
 Acq: 22 Nov 2018 06:43

Tgt Ion: 114 Resp: 20579
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.4
 88 14.4 0.0 34.2





#35

Dibromofluoromethane

Concen: 51.517 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007031.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_W

ClientSampleId :

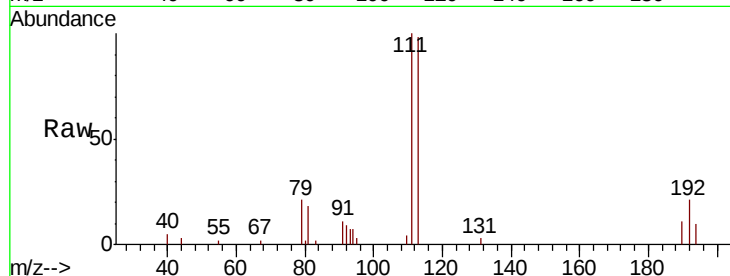
Tot Ion:113 Resp: 5987

Ion Ratio Lower Upper

113 100

111 102.2 81.0 121.6

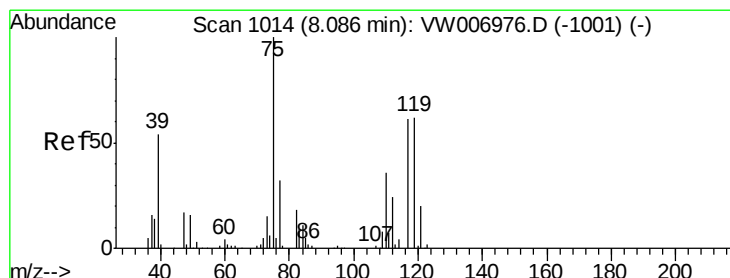
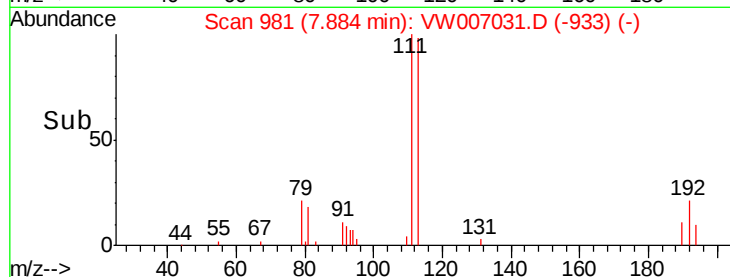
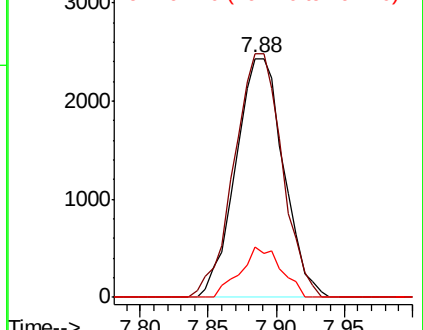
192 18.0 15.0 22.6



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: 4.823 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007031.D

Acq: 22 Nov 2018 06:43

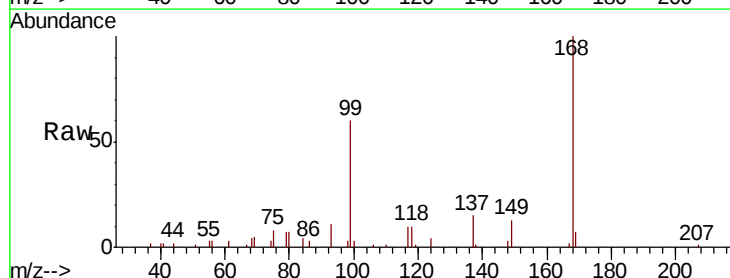
Tgt Ion: 75 Resp: 970

Ion Ratio Lower Upper

75 100

110 8.1 18.0 54.0#

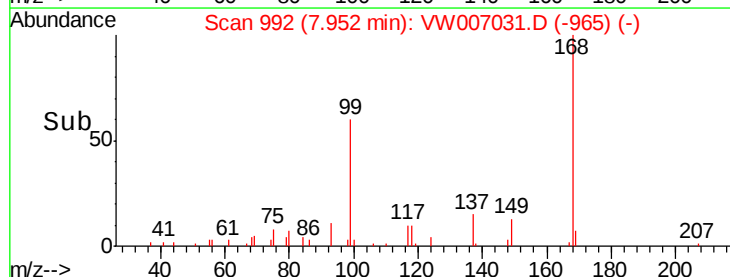
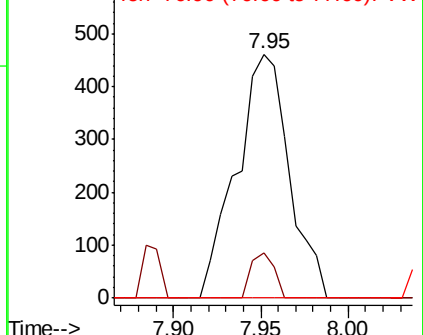
77 0.0 24.9 37.3#

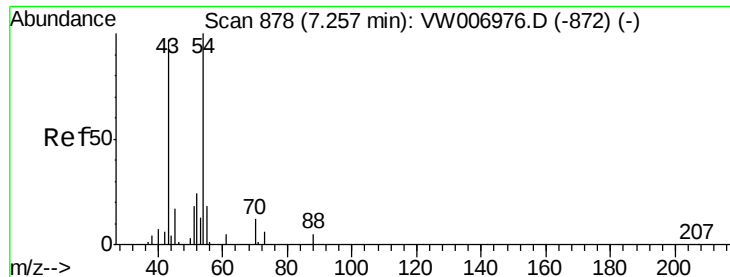


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

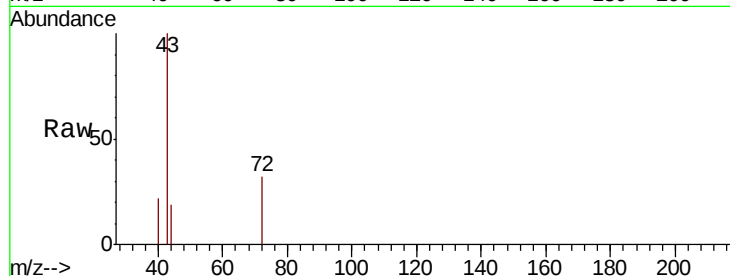




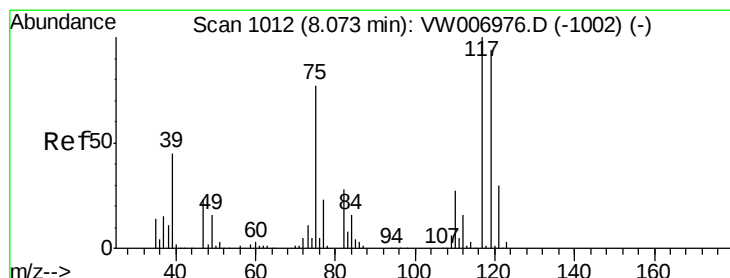
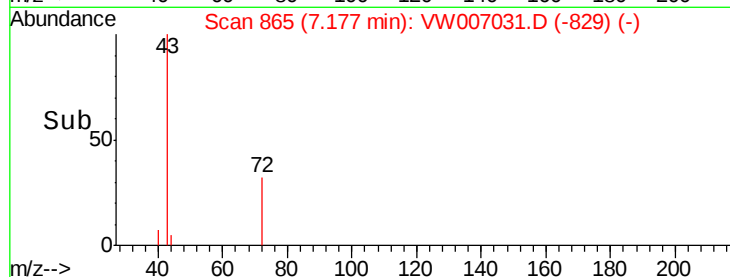
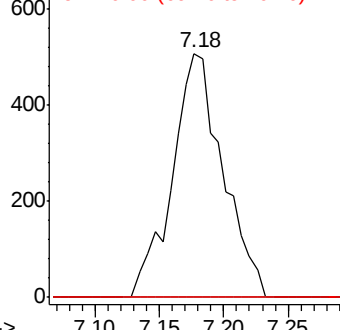
#37
Ethyl Acetate
Concen: 18.923 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.08 min
Lab File: VW007031.D
Acq: 22 Nov 2018 06:43

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1379
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.0 8.8 13.2#

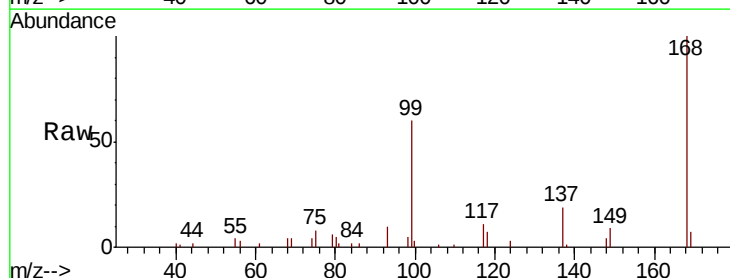


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

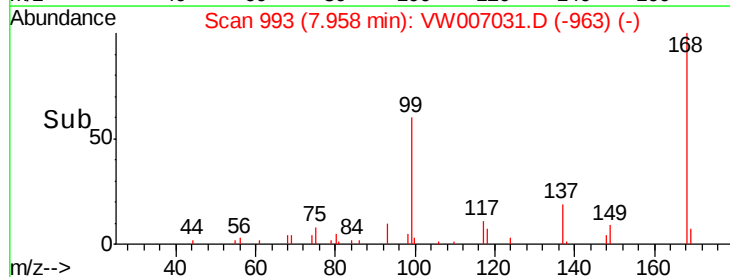
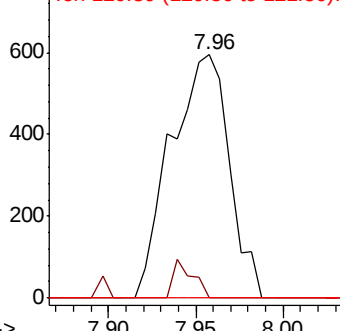


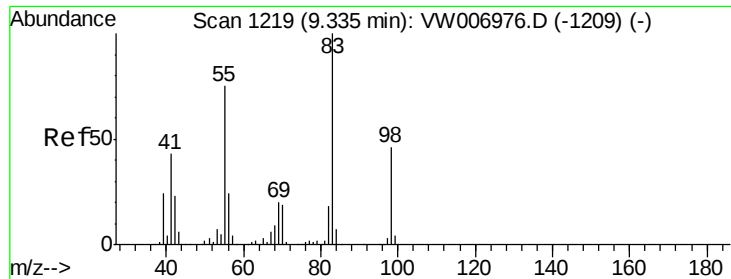
#38
Carbon Tetrachloride
Concen: 7.140 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.12 min
Lab File: VW007031.D
Acq: 22 Nov 2018 06:43

Tgt Ion: 117 Resp: 1375
Ion Ratio Lower Upper
117 100
119 0.0 74.9 112.3#
121 0.0 23.6 35.4#



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

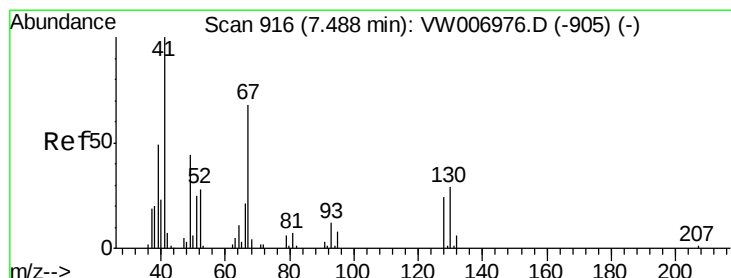
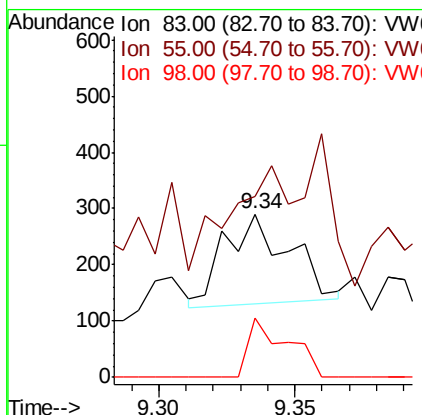
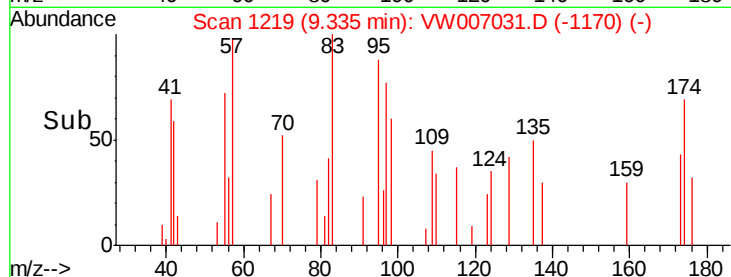
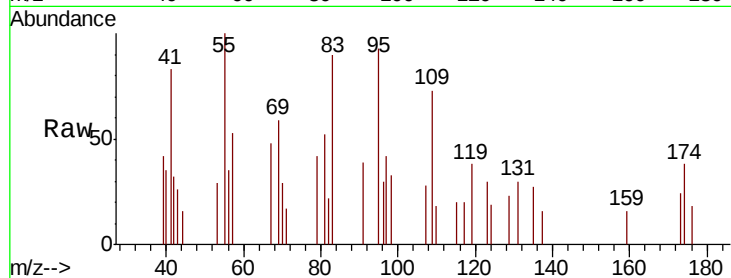




#39
Methylcyclohexane
Concen: 1.037 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007031.D
Acq: 22 Nov 2018 06:43

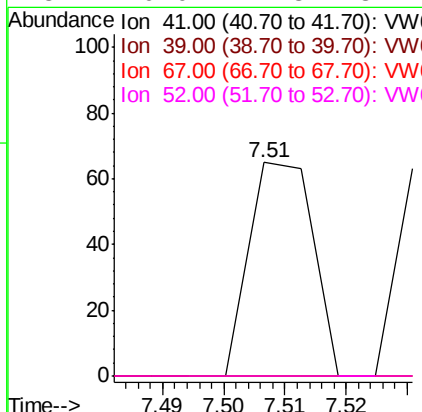
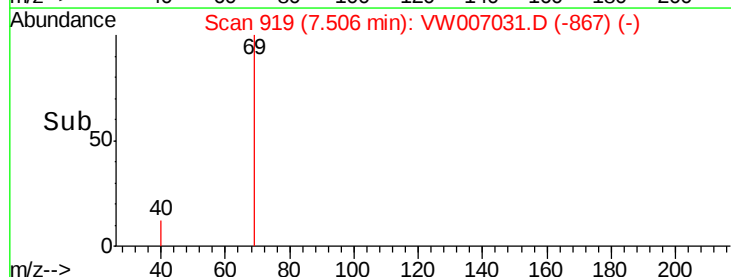
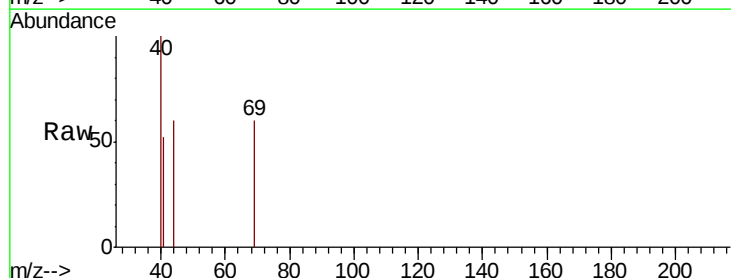
Instrument :
MSVOA_W
ClientSampled :

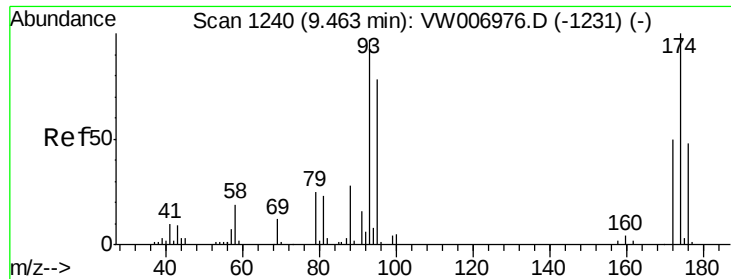
Tot Ion: 83 Resp: 261
Ion Ratio Lower Upper
83 100
55 88.7 59.6 89.4
98 70.7 37.1 55.7#



#41
Methacrylonitrile
Concen: 1.039 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.02 min
Lab File: VW007031.D
Acq: 22 Nov 2018 06:43

Tgt Ion: 41 Resp: 47
Ion Ratio Lower Upper
41 100
39 0.0 48.6 73.0#
67 0.0 59.8 89.8#
52 0.0 24.8 37.2#





#46

Dibromomethane

Concen: 1.477 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VW007031.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_W

ClientSampled :

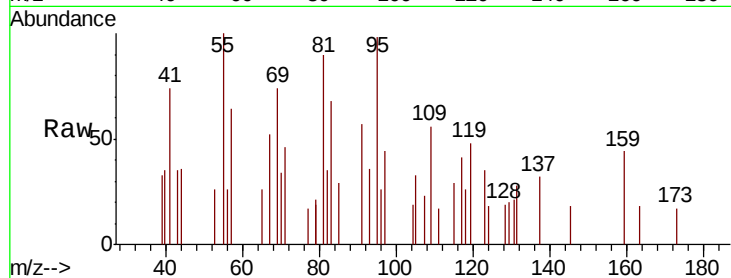
Tot Ion: 93 Resp: 99

Ion Ratio Lower Upper

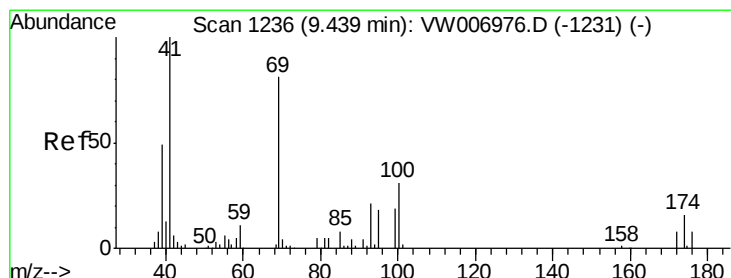
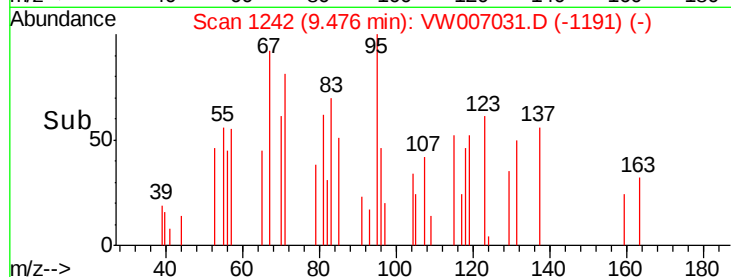
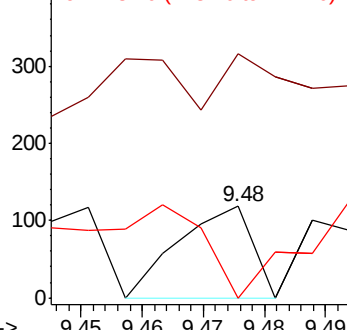
93 100

95 52.5 66.1 99.1#

174 175.8 79.7 119.5#



Abundance Ion 92.80 (92.50 to 93.50): VW
Ion 94.80 (94.50 to 95.50): VW
Ion 173.70 (173.40 to 174.40): VW



#48

Methyl methacrylate

Concen: 4.092 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.03 min

Lab File: VW007031.D

Acq: 22 Nov 2018 06:43

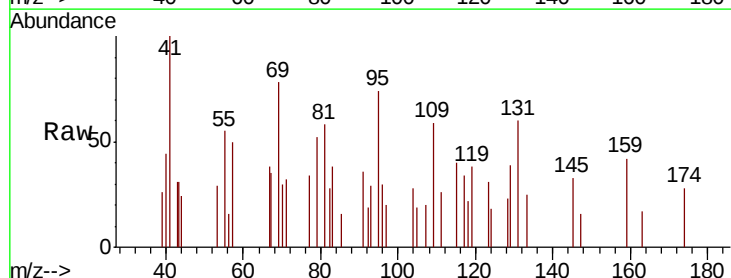
Tgt Ion: 41 Resp: 274

Ion Ratio Lower Upper

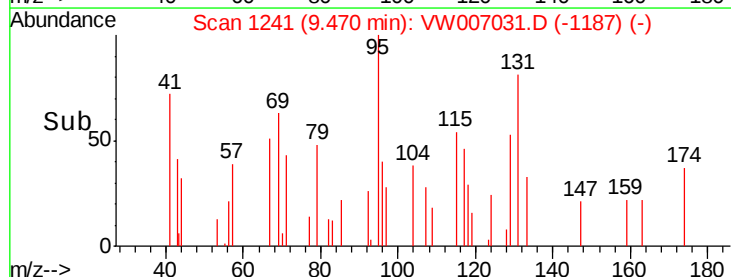
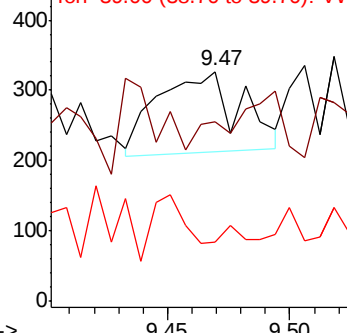
41 100

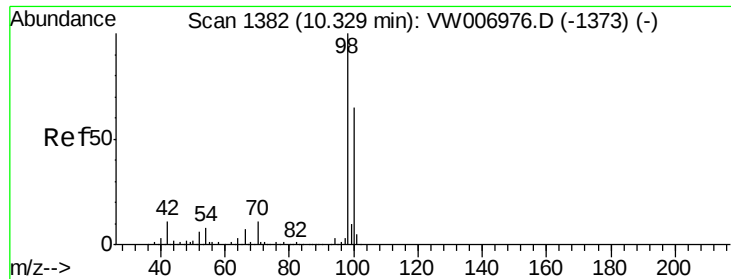
69 0.0 71.4 107.0#

39 33.9 44.8 67.2#



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





#50

Toluene-d8

Concen: 44.395 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007031.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_W

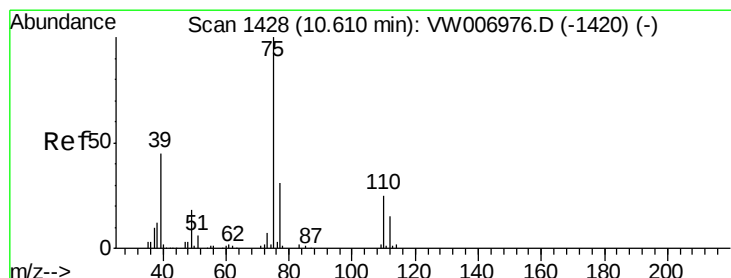
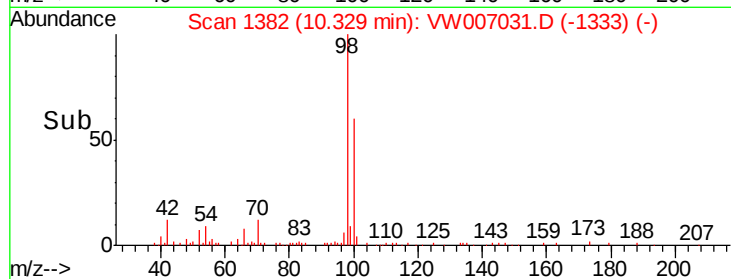
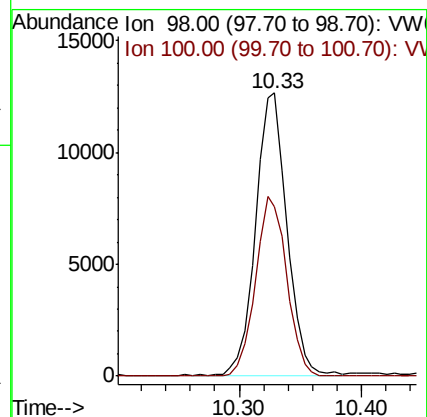
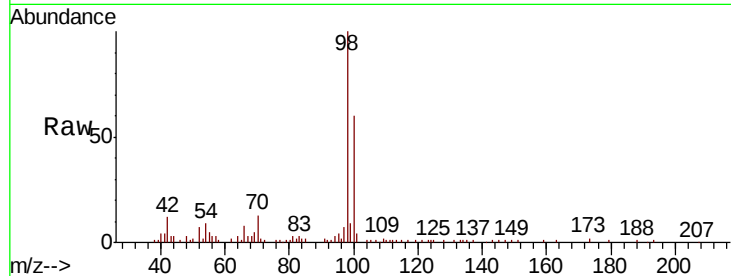
ClientSampleId :

Tot Ion: 98 Resp: 22783

Ion Ratio Lower Upper

98 100

100 62.6 52.2 78.2



#53

t-1,3-Dichloropropene

Concen: 1.777 ug/l

RT: 10.72 min Scan# 1446

Delta R.T. 0.11 min

Lab File: VW007031.D

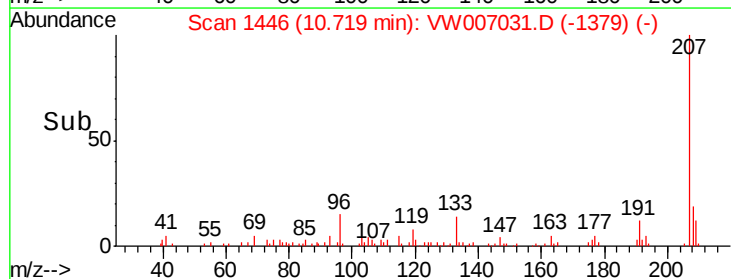
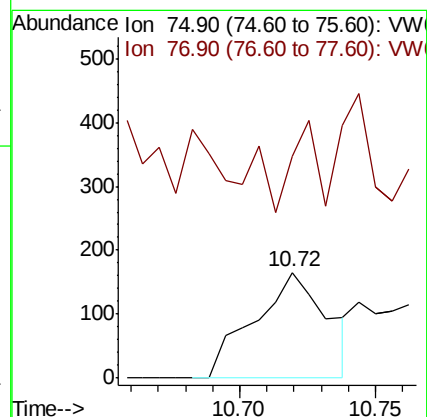
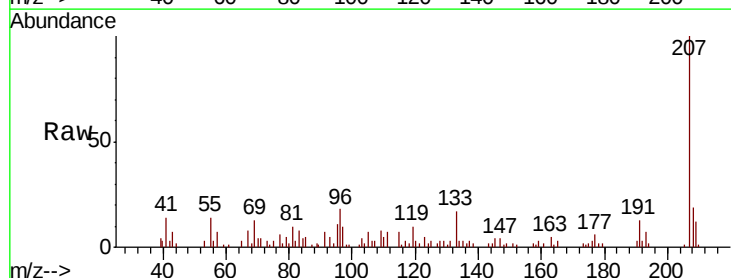
Acq: 22 Nov 2018 06:43

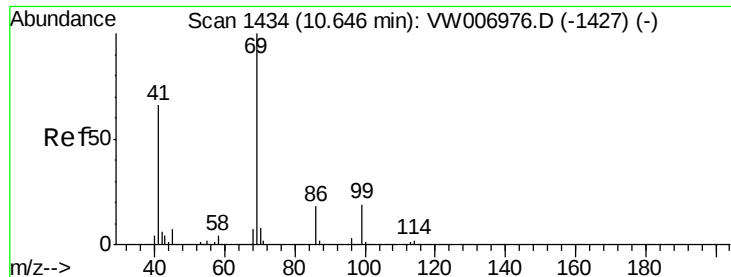
Tgt Ion: 75 Resp: 304

Ion Ratio Lower Upper

75 100

77 0.0 24.7 37.1#

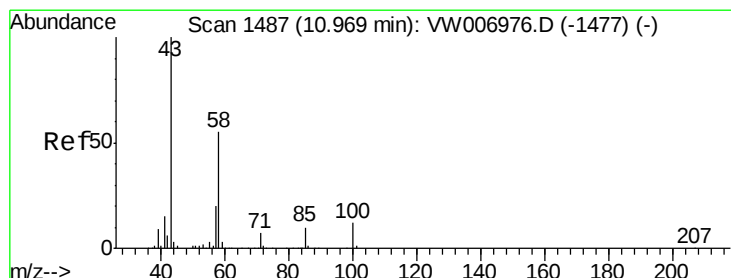
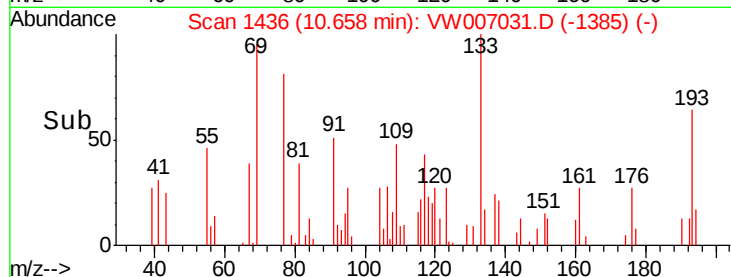
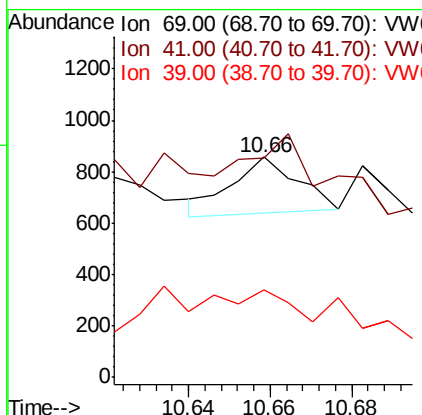
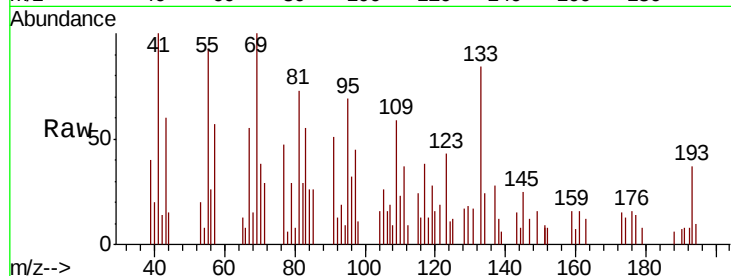




#56
Ethyl methacrylate
Concen: 2.158 ug/l
RT: 10.66 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VW007031.D
Acq: 22 Nov 2018 06:43

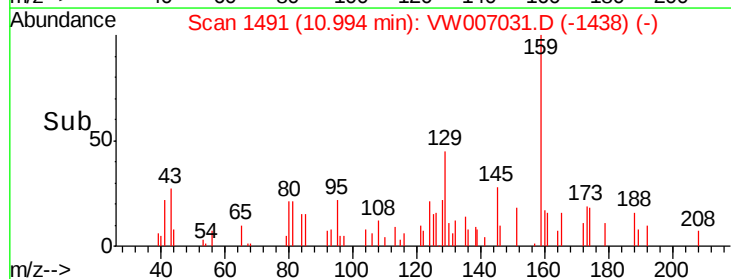
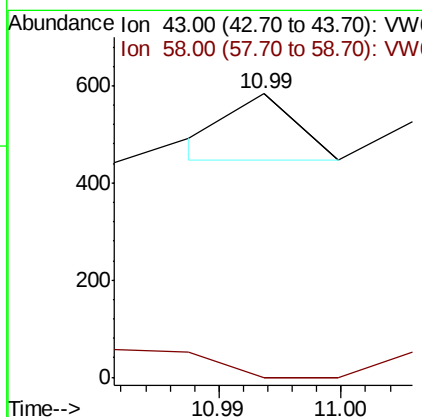
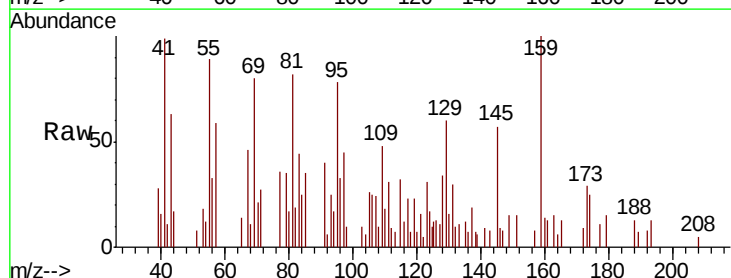
Instrument :
MSVOA_W
ClientSampled :

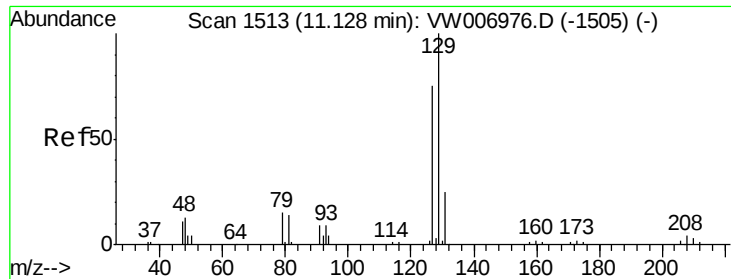
Tot Ion: 69 Resp: 247
Ion Ratio Lower Upper
69 100
41 169.6 53.4 80.0#
39 0.0 28.2 42.4#



#59
2-Hexanone
Concen: 1.040 ug/l
RT: 10.99 min Scan# 1491
Delta R.T. 0.02 min
Lab File: VW007031.D
Acq: 22 Nov 2018 06:43

Tgt Ion: 43 Resp: 50
Ion Ratio Lower Upper
43 100
58 80.0 27.3 81.8





#60

Dibromochloromethane

Concen: 2.314 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW007031.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_W

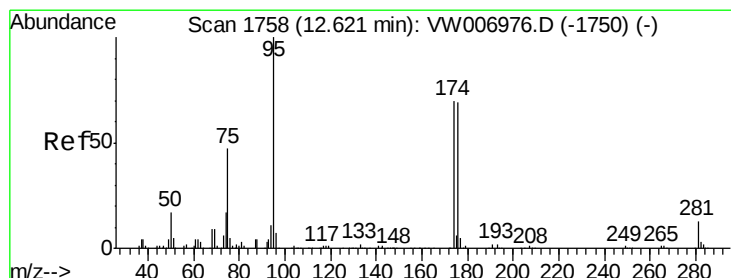
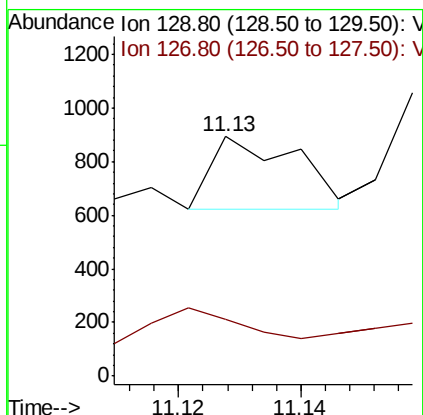
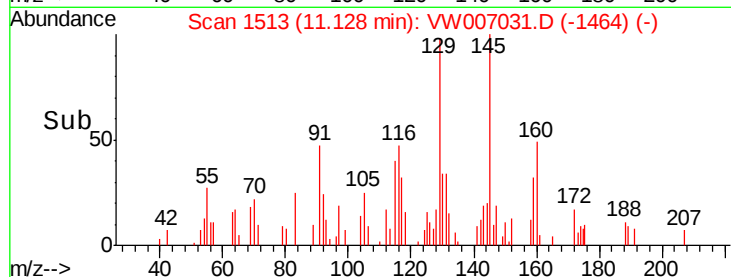
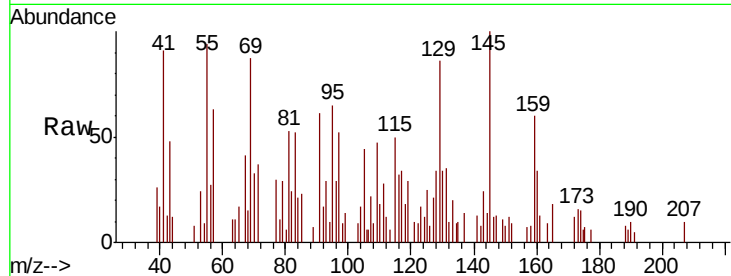
ClientSampleId :

Tot Ion:129 Resp: 260

Ion Ratio Lower Upper

129 100

127 50.8 38.3 114.8



#62

4-Bromofluorobenzene

Concen: 40.946 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007031.D

Acq: 22 Nov 2018 06:43

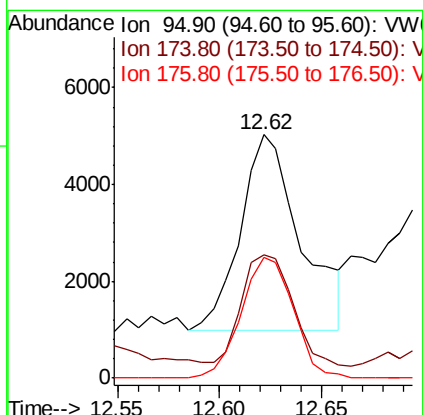
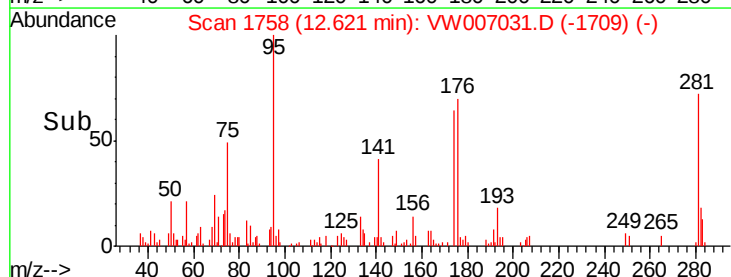
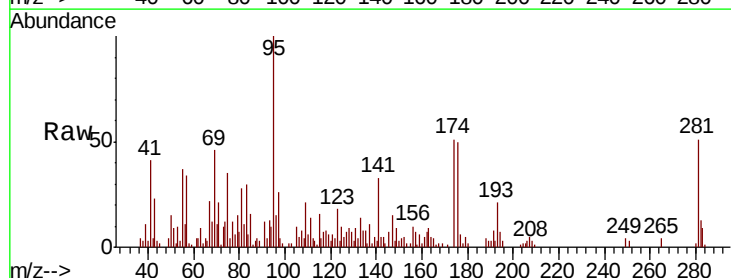
Tgt Ion: 95 Resp: 8269

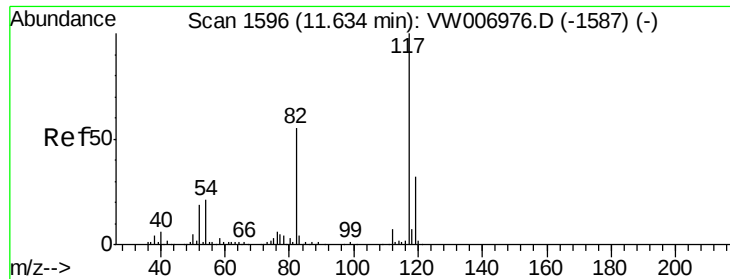
Ion Ratio Lower Upper

95 100

174 47.6 0.0 143.6

176 53.8 0.0 140.4

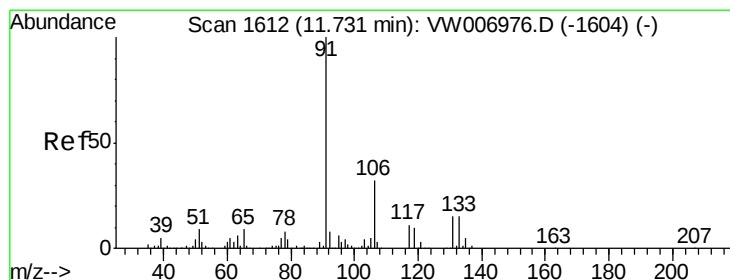
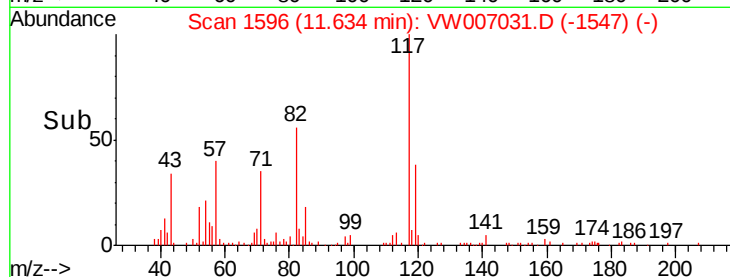
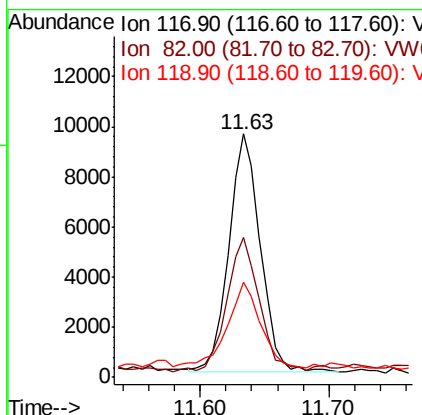
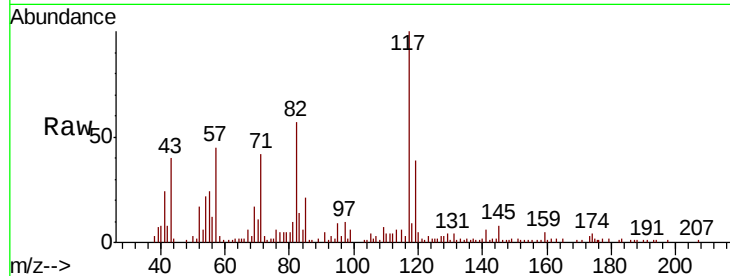




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007031.D
Acq: 22 Nov 2018 06:43

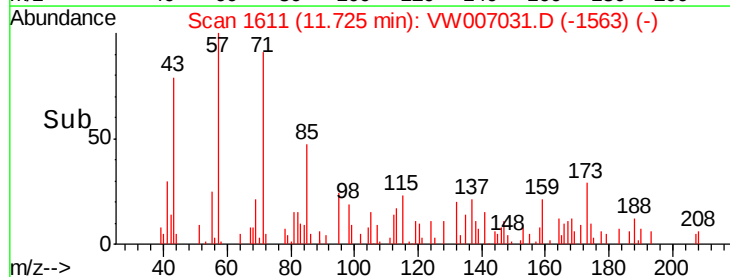
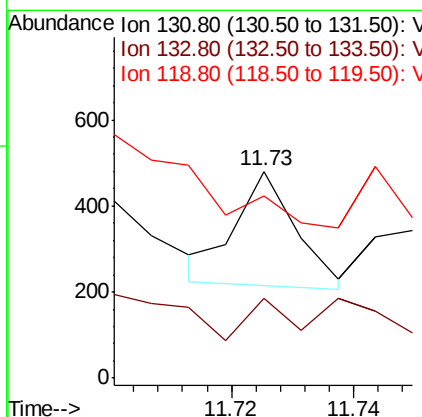
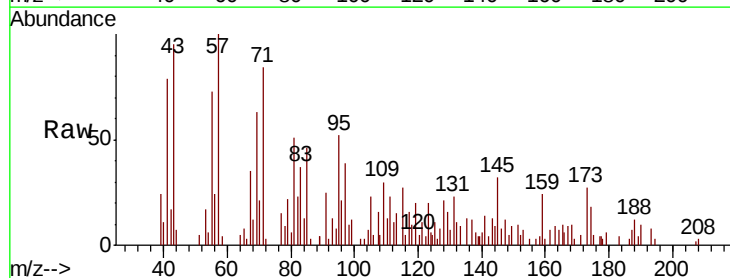
Instrument :
MSVOA_W
ClientSampleId :

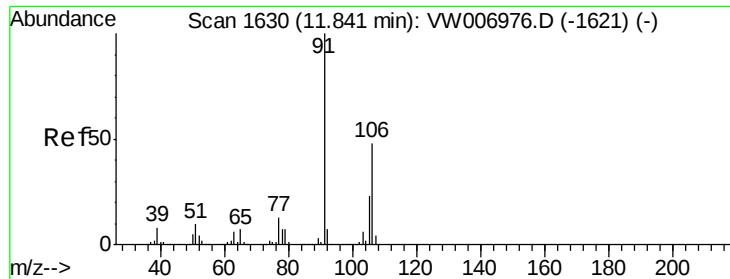
Tot Ion:117 Resp: 16146
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 34.4 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 1.756 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW007031.D
Acq: 22 Nov 2018 06:43

Tgt Ion:131 Resp: 179
Ion Ratio Lower Upper
131 100
133 63.7 47.7 143.1
119 0.0 31.8 95.3#

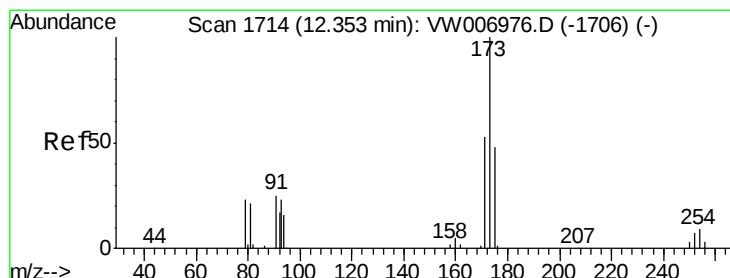
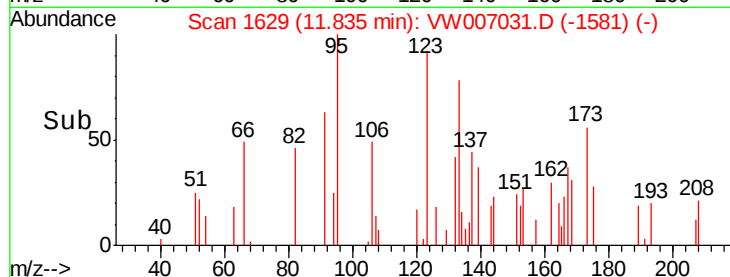
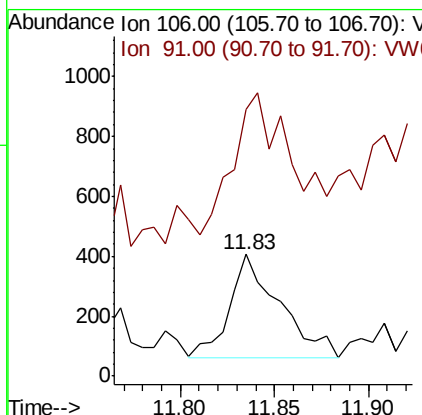
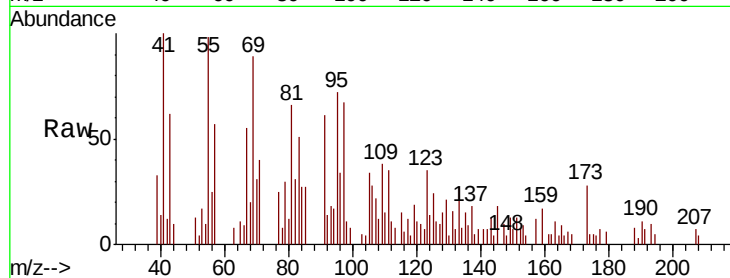




#68
m/p-Xvlenes
Concen: 2.610 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007031.D
Acq: 22 Nov 2018 06:43

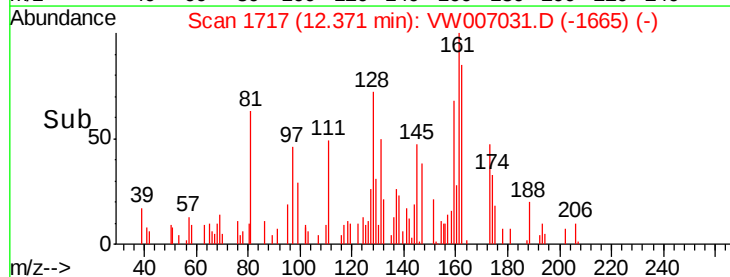
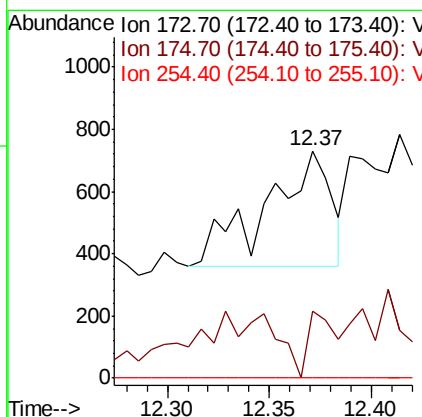
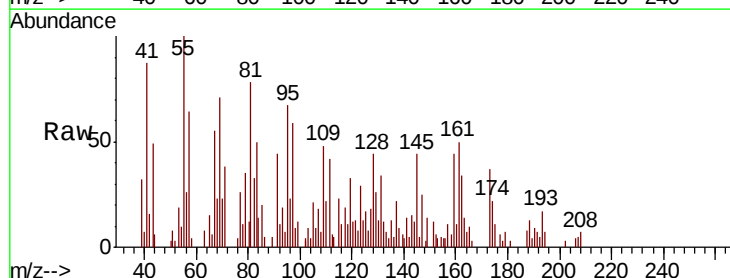
Instrument :
MSVOA_W
ClientSampled :

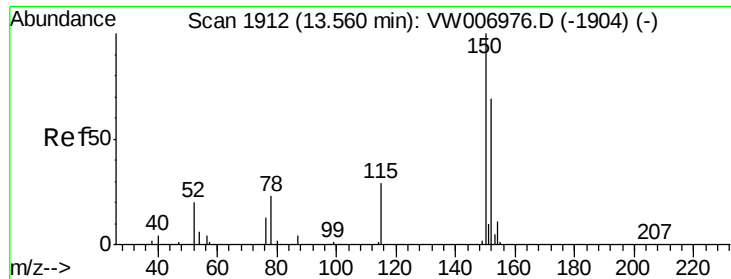
Tot Ion:106 Resp: 634
Ion Ratio Lower Upper
106 100
91 159.5 164.8 247.2#



#71
Bromoform
Concen: 17.242 ug/l
RT: 12.37 min Scan# 1717
Delta R.T. 0.02 min
Lab File: VW007031.D
Acq: 22 Nov 2018 06:43

Tgt Ion:173 Resp: 828
Ion Ratio Lower Upper
173 100
175 23.3 24.0 72.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007031.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_W

ClientSampleId :

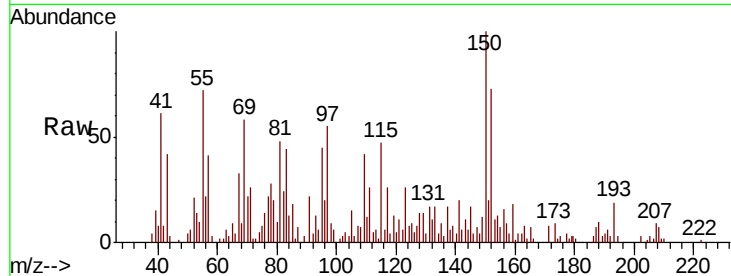
Tot Ion:152 Resp: 4296

Ion Ratio Lower Upper

152 100

115 75.1 31.4 94.2

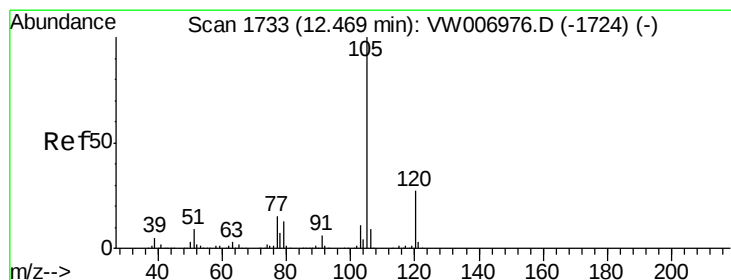
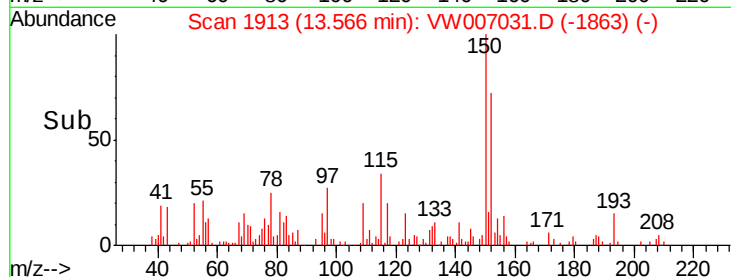
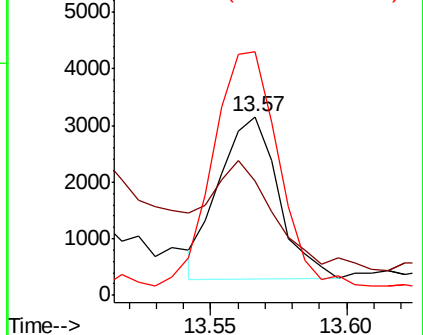
150 168.4 0.0 353.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.159 ug/l

RT: 12.41 min Scan# 1723

Delta R.T. -0.06 min

Lab File: VW007031.D

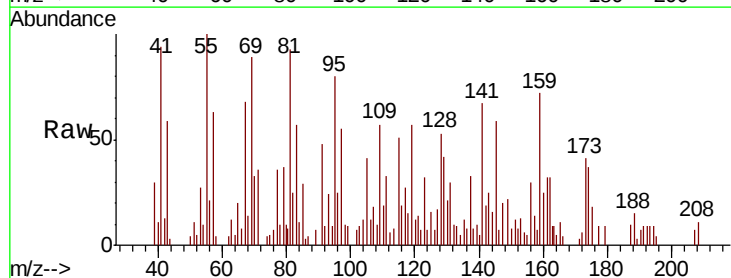
Acq: 22 Nov 2018 06:43

Tgt Ion:105 Resp: 387

Ion Ratio Lower Upper

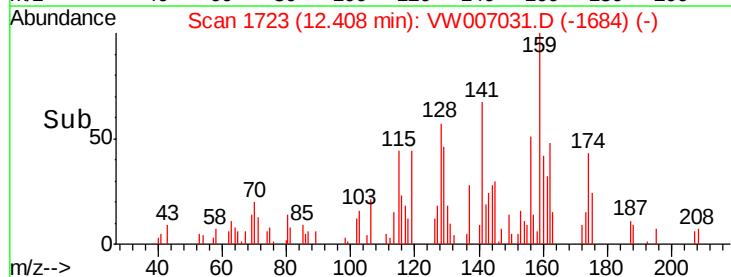
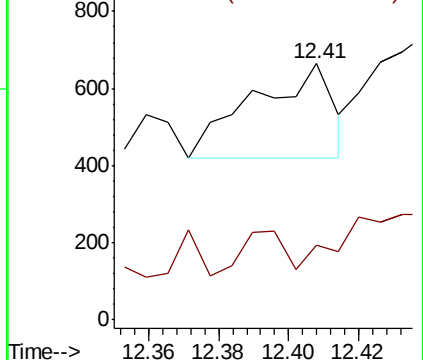
105 100

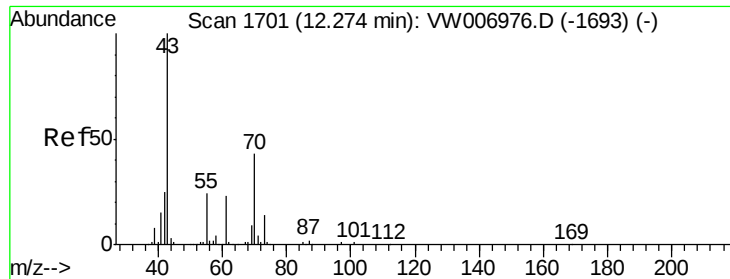
120 25.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 4.450 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007031.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 249

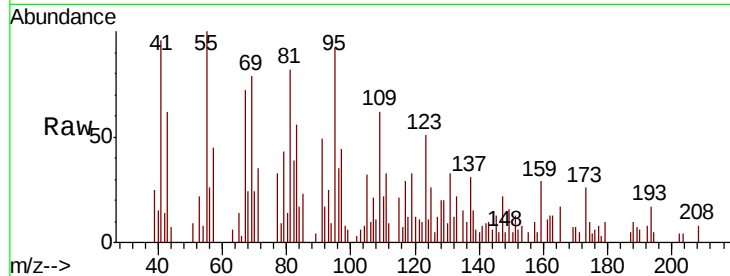
Ion Ratio Lower Upper

43 100

70 21.3 34.0 51.0#

55 0.0 19.4 29.0#

61 0.0 19.4 29.2#



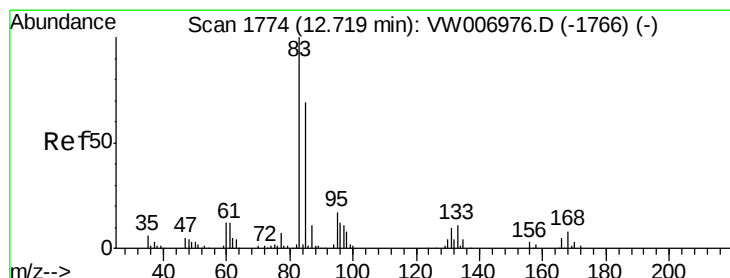
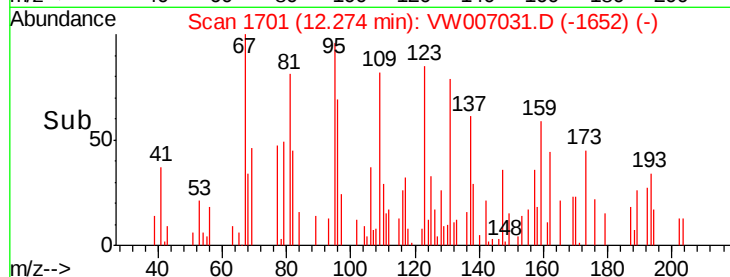
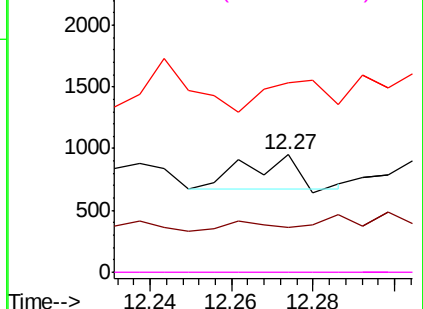
Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#75

1,1,2,2-Tetrachloroethane

Concen: 443.289 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW007031.D

Acq: 22 Nov 2018 06:43

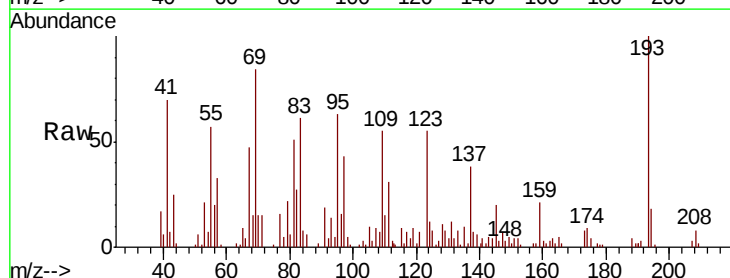
Tgt Ion: 83 Resp: 19697

Ion Ratio Lower Upper

83 100

131 2.0 5.7 17.1#

85 0.9 33.1 99.2#

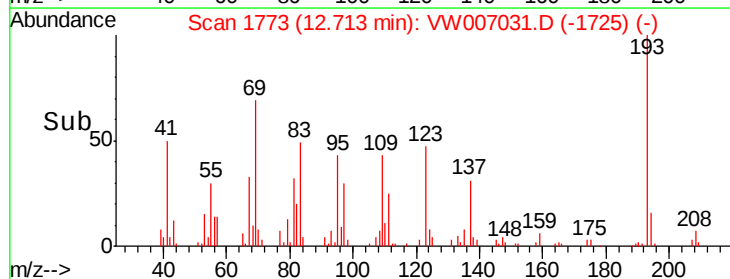
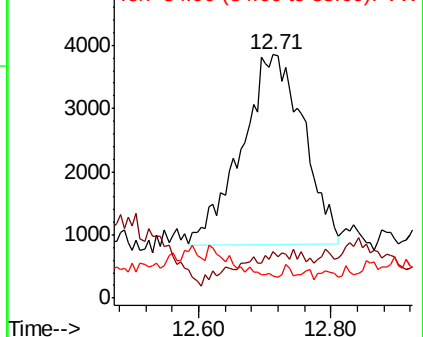


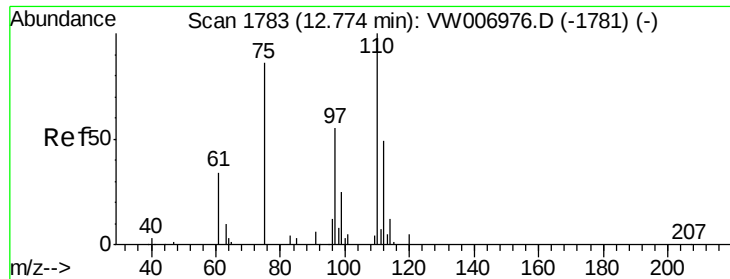
Abundance

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

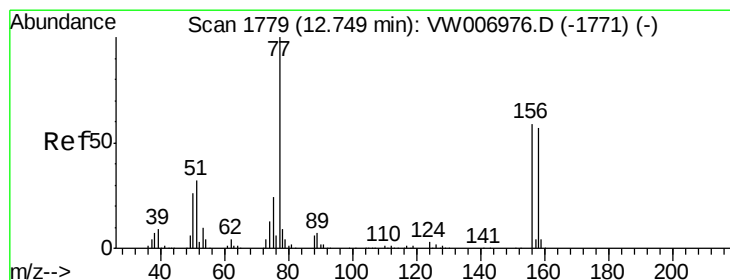
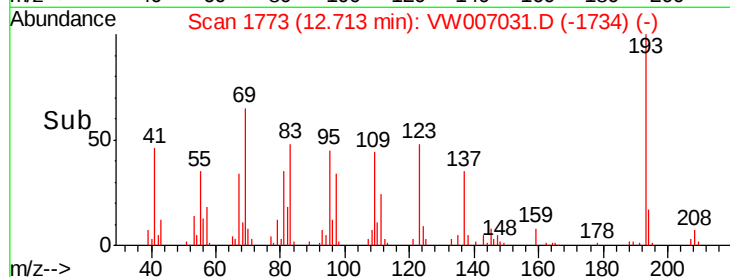
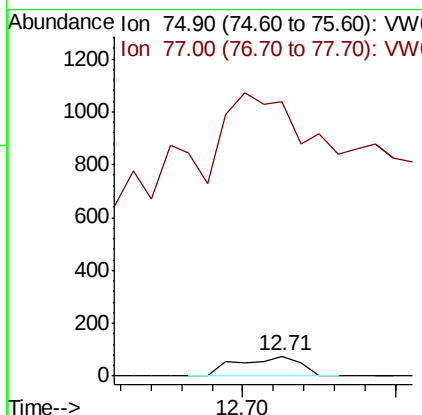
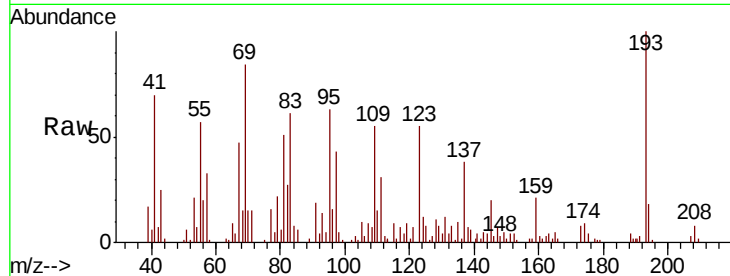




#76
 1,2,3-Trichloropropane
 Concen: 3.140 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.06 min
 Lab File: VW007031.D
 Acq: 22 Nov 2018 06:43

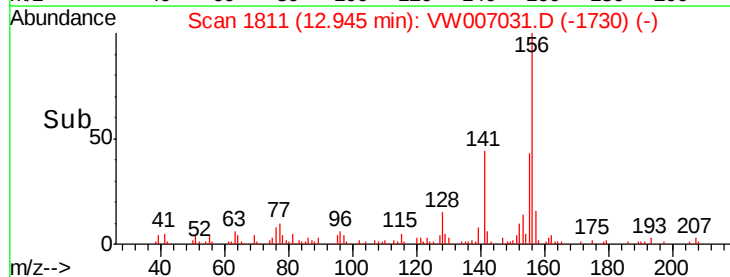
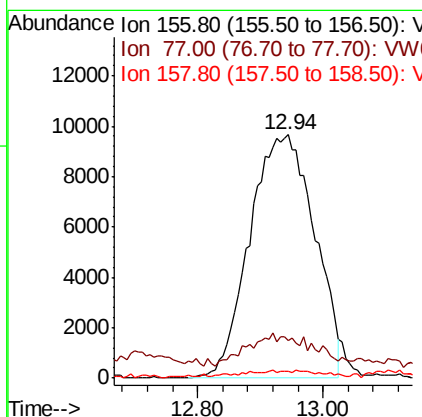
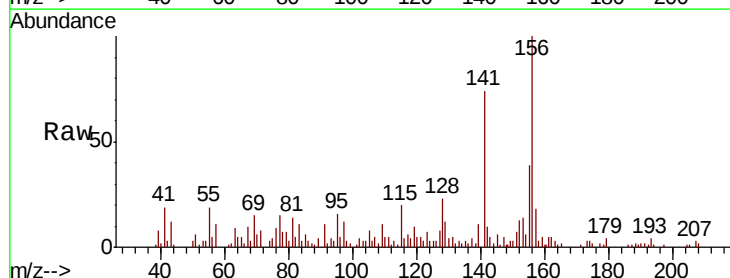
Instrument :
 MSVOA_W
 ClientSampled :

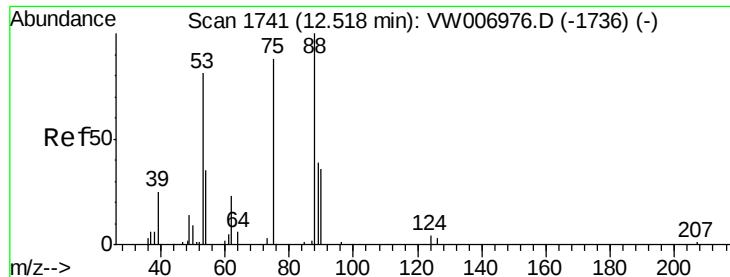
Tot Ion: 75 Resp: 106
 Ion Ratio Lower Upper
 75 100
 77 2083.0 0.0 0.0#



#77
 Bromobenzene
 Concen: 960.629 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.20 min
 Lab File: VW007031.D
 Acq: 22 Nov 2018 06:43

Tgt Ion: 156 Resp: 68888
 Ion Ratio Lower Upper
 156 100
 77 0.0 94.6 283.8#
 158 0.3 48.9 146.7#





#81

trans-1,4-Dichloro-2-butene

Concen: 12.420 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW007031.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_W

ClientSampleId :

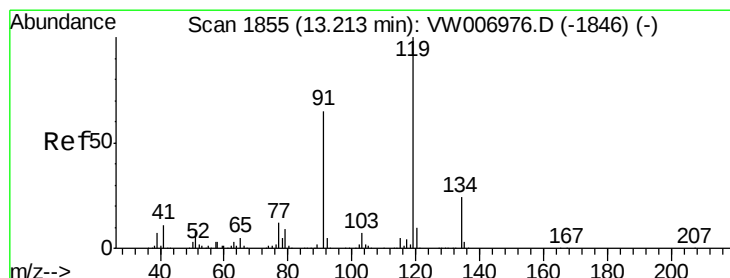
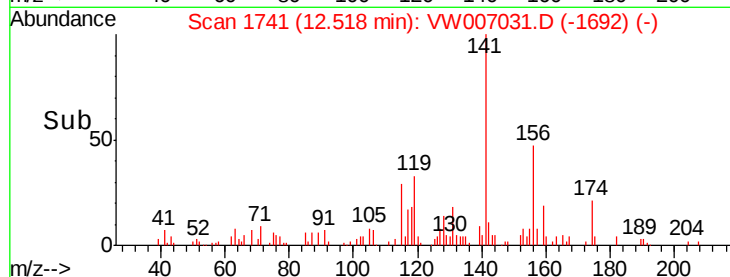
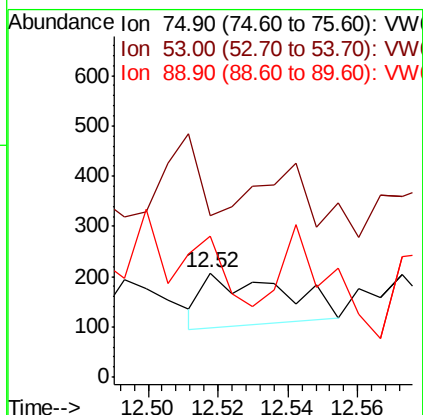
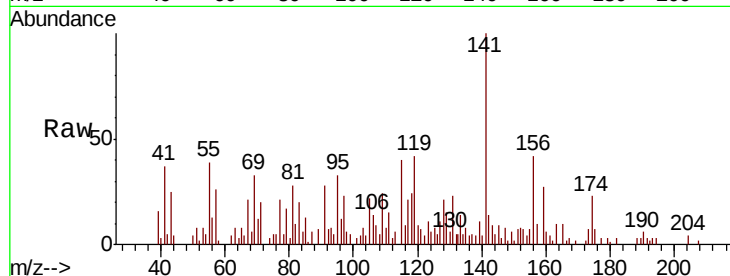
Tot Ion: 75 Resp: 167

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 240.1 39.3 58.9#



#83

tert-Butylbenzene

Concen: 24.831 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW007031.D

Acq: 22 Nov 2018 06:43

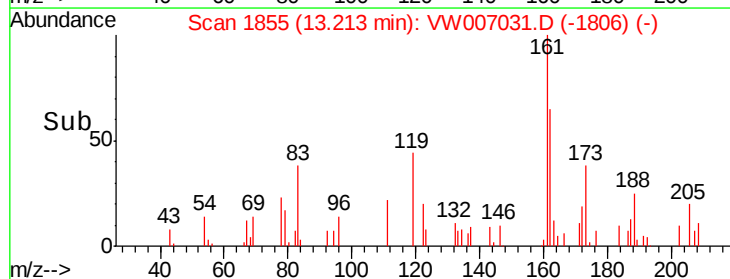
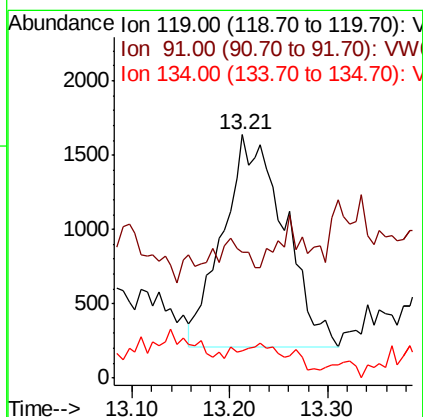
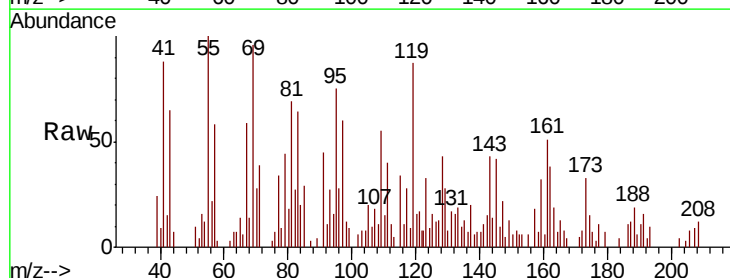
Tgt Ion: 119 Resp: 6207

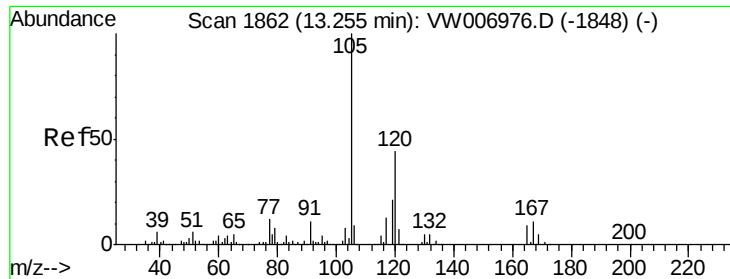
Ion Ratio Lower Upper

119 100

91 6.5 33.5 100.5#

134 0.0 12.6 37.8#

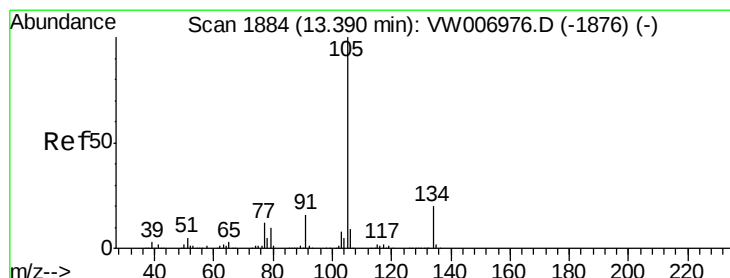
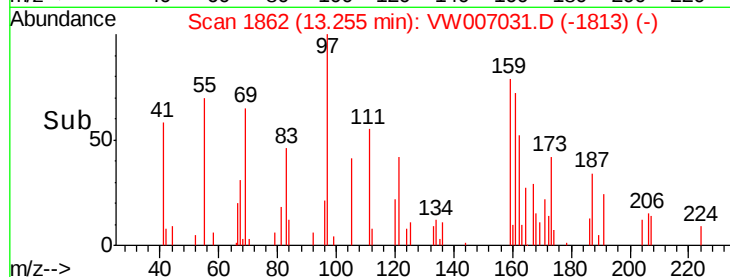
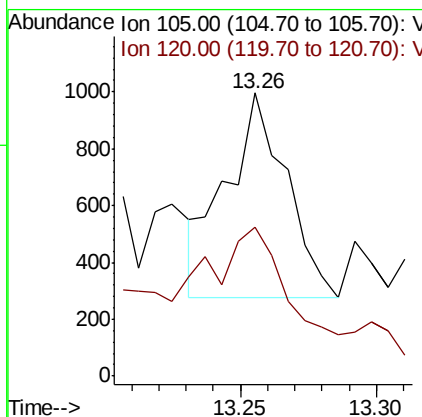
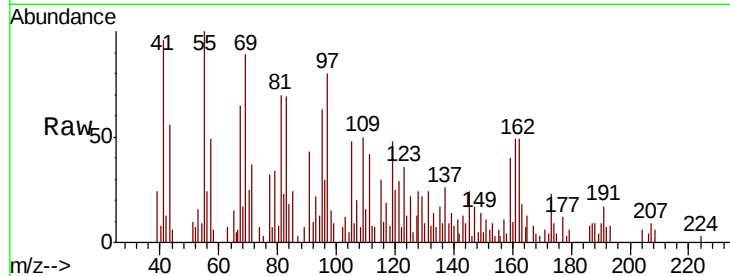




#84
 1,2,4-Trimethylbenzene
 Concen: 3.838 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007031.D
 Acq: 22 Nov 2018 06:43

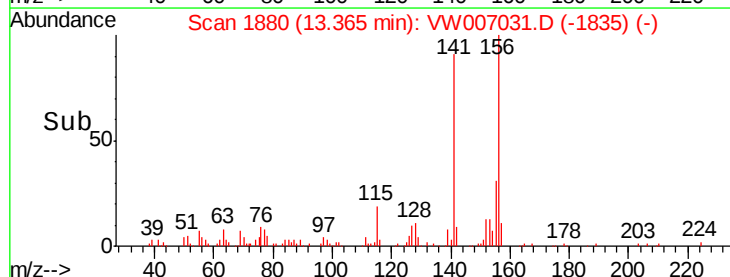
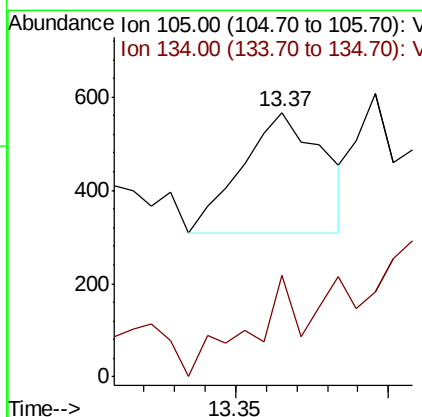
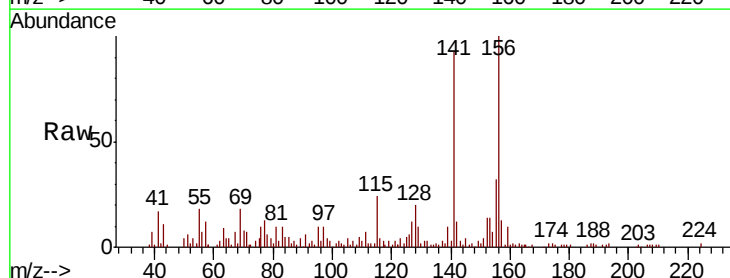
Instrument :
 MSVOA_W
 ClientSampleId :

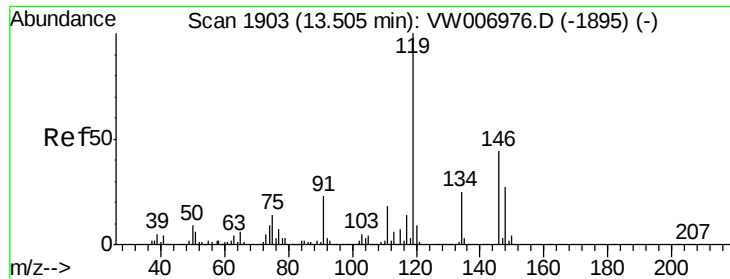
Tot Ion:105 Resp: 1104
 Ion Ratio Lower Upper
 105 100
 120 60.3 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 1.354 ug/l
 RT: 13.37 min Scan# 1880
 Delta R.T. -0.02 min
 Lab File: VW007031.D
 Acq: 22 Nov 2018 06:43

Tgt Ion:105 Resp: 478
 Ion Ratio Lower Upper
 105 100
 134 49.2 9.8 29.3#

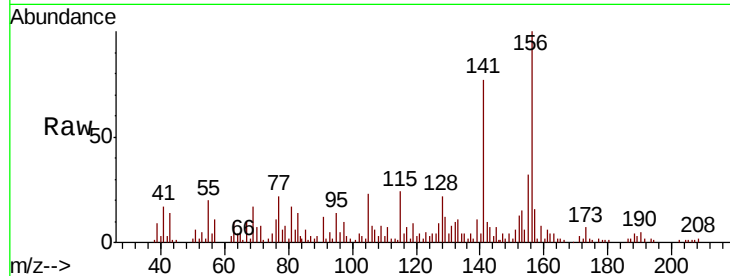




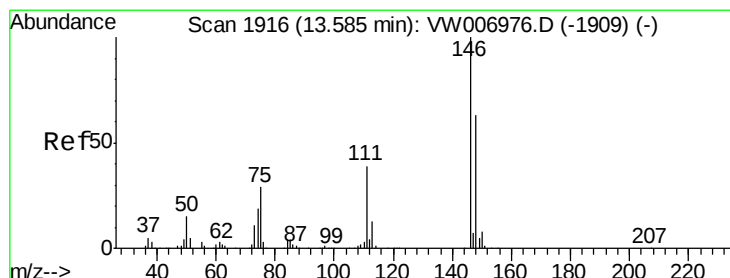
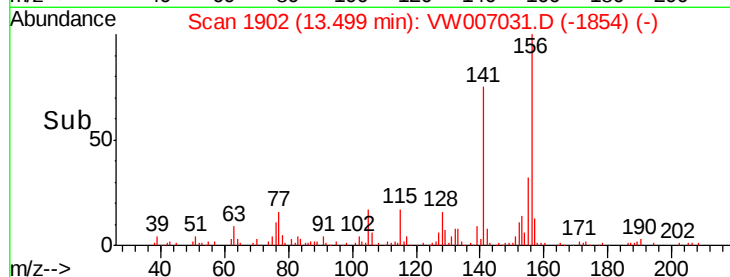
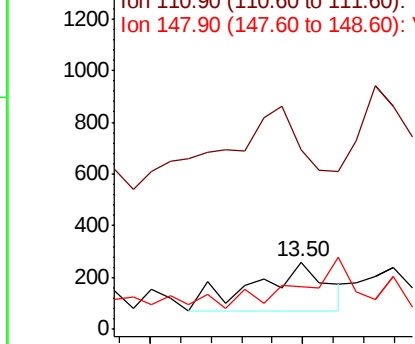
#87
 1,3-Dichlorobenzene
 Concen: 2.186 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007031.D
 Acq: 22 Nov 2018 06:43

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:146 Resp: 320
 Ion Ratio Lower Upper
 146 100
 111 187.8 21.1 63.3#
 148 0.0 31.6 94.8#

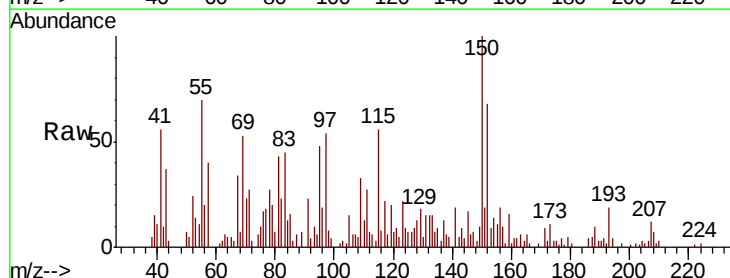


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

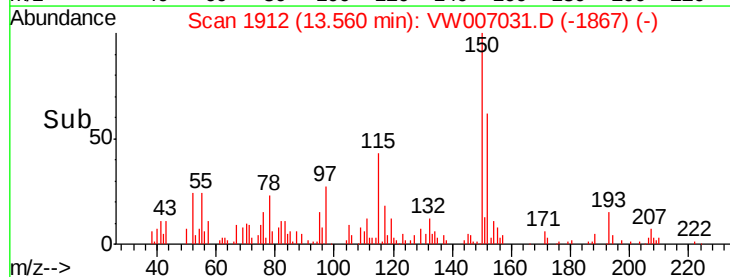
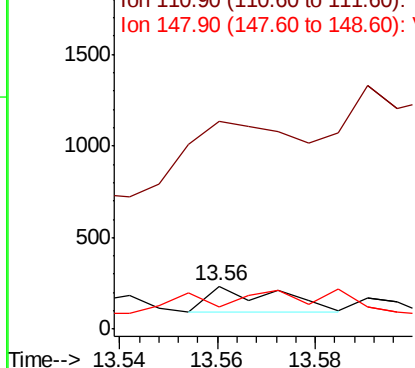


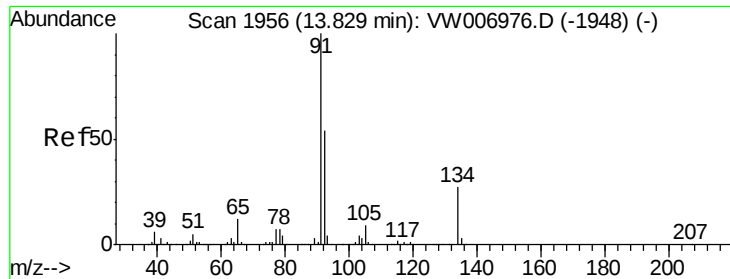
#88
 1,4-Dichlorobenzene
 Concen: 1.021 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.02 min
 Lab File: VW007031.D
 Acq: 22 Nov 2018 06:43

Tgt Ion:146 Resp: 149
 Ion Ratio Lower Upper
 146 100
 111 445.6 20.6 61.8#
 148 46.3 32.3 96.8



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





#89

n-Butylbenzene

Concen: 7.862 ug/l

RT: 13.80 min Scan# 1952

Delta R.T. -0.02 min

Lab File: VW007031.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_W

ClientSampled :

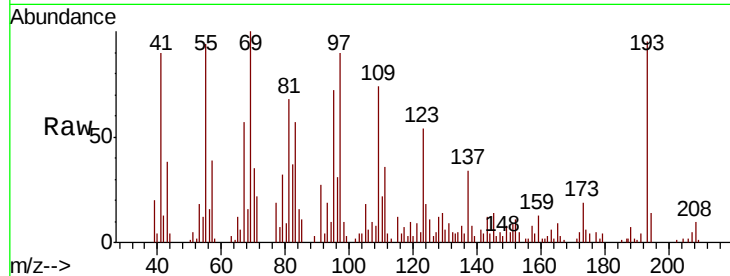
Tot Ion: 91 Resp: 2305

Ion Ratio Lower Upper

91 100

92 0.0 26.8 80.4#

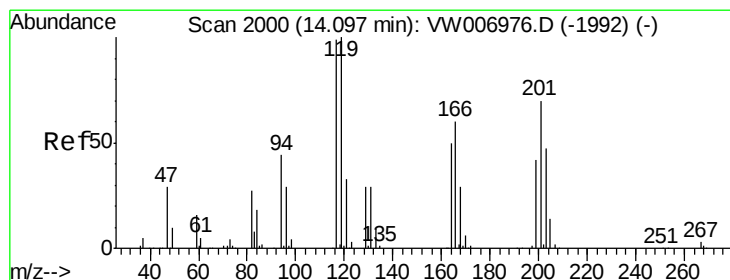
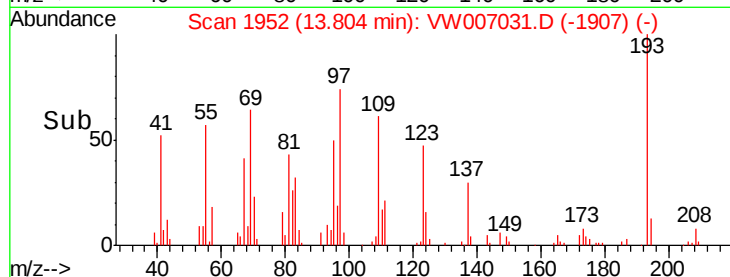
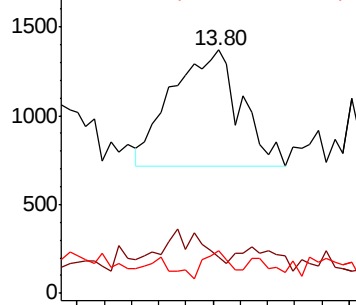
134 8.5 13.3 39.8#



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: 4.001 ug/l

RT: 14.06 min Scan# 1994

Delta R.T. -0.04 min

Lab File: VW007031.D

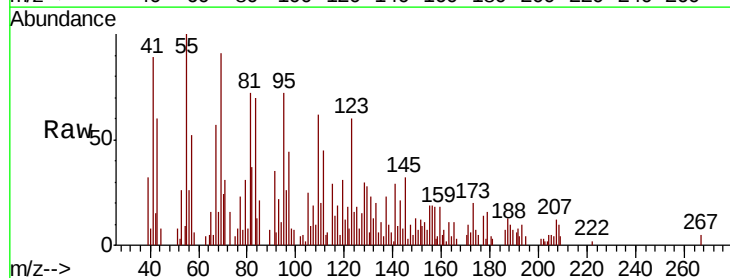
Acq: 22 Nov 2018 06:43

Tgt Ion: 117 Resp: 182

Ion Ratio Lower Upper

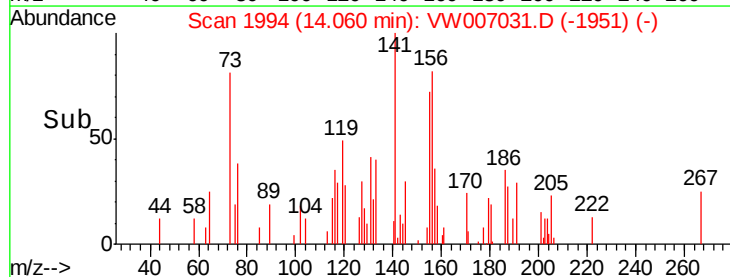
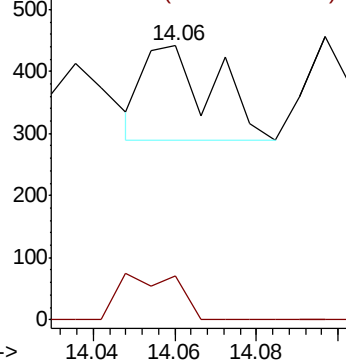
117 100

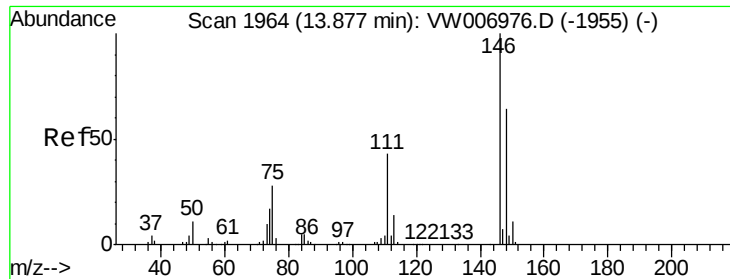
201 40.1 35.9 107.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 1.434 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.01 min

Lab File: VW007031.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_W

ClientSampleId :

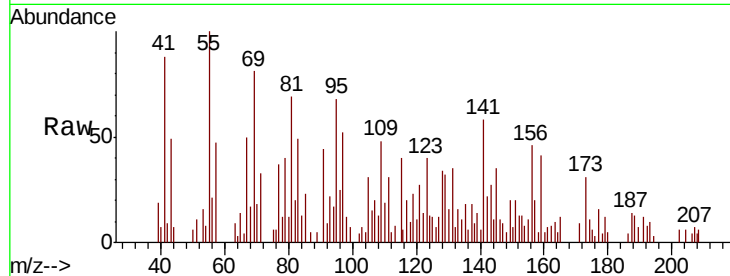
Tot Ion:146 Resp: 184

Ion Ratio Lower Upper

146 100

111 77.7 21.9 65.7#

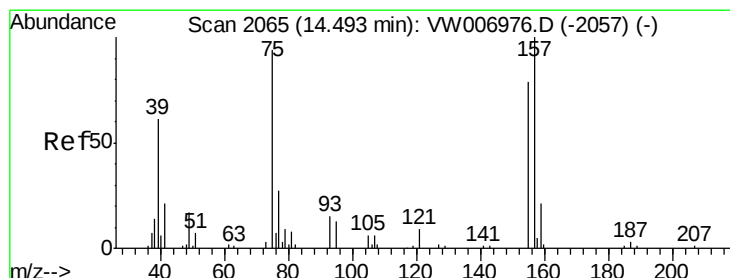
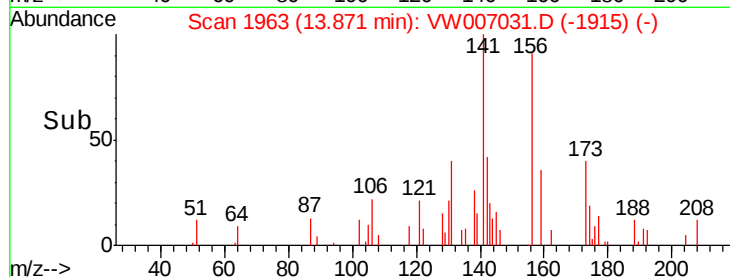
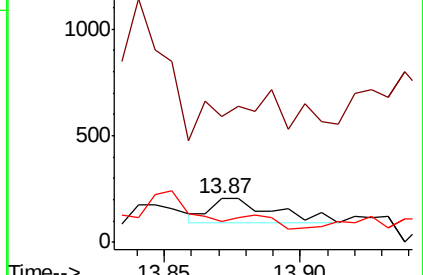
148 0.0 32.2 96.6#



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: 6.396 ug/l

RT: 14.46 min Scan# 2060

Delta R.T. -0.03 min

Lab File: VW007031.D

Acq: 22 Nov 2018 06:43

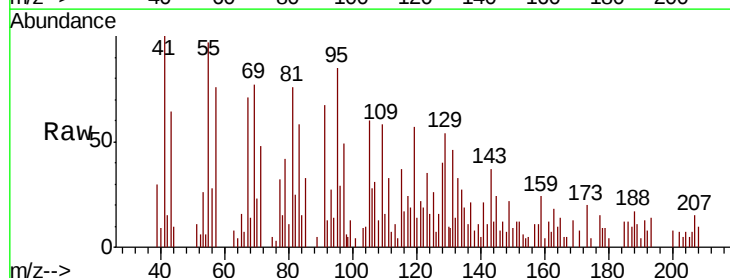
Tgt Ion: 75 Resp: 48

Ion Ratio Lower Upper

75 100

155 0.0 42.6 127.8#

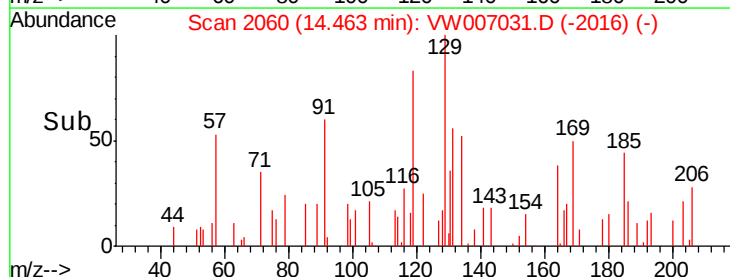
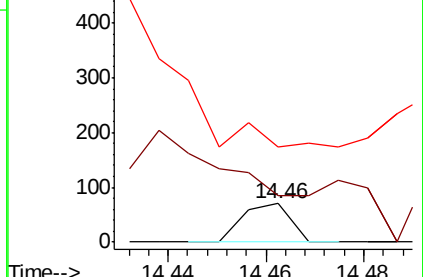
157 0.0 55.0 165.0#

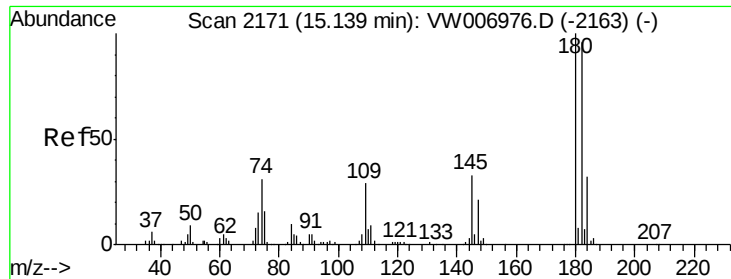


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

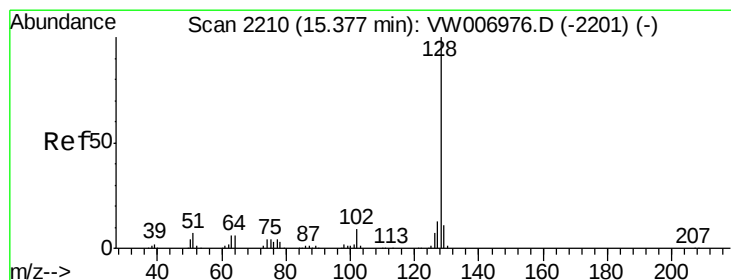
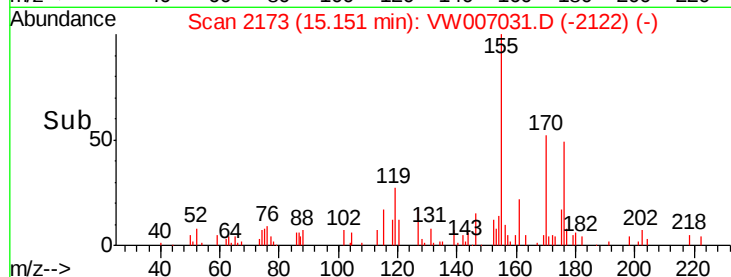
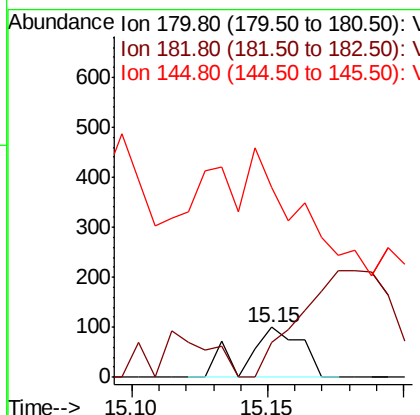
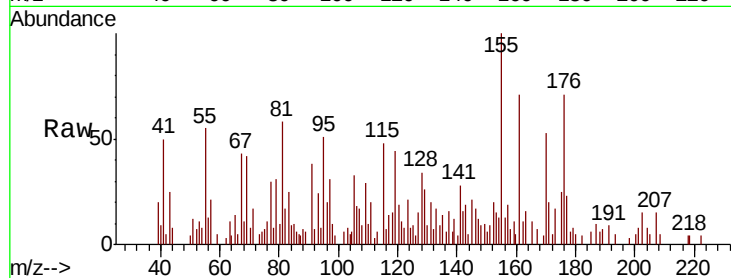




#93
 1,2,4-Trichlorobenzene
 Concen: 1.631 ug/l
 RT: 15.15 min Scan# 2173
 Delta R.T. 0.01 min
 Lab File: VW007031.D
 Acq: 22 Nov 2018 06:43

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:180 Resp: 138
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.1 141.3#
 145 0.0 16.5 49.5#



#95
 Naphthalene
 Concen: 5.451 ug/l
 RT: 15.36 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: VW007031.D
 Acq: 22 Nov 2018 06:43

Tgt Ion:128 Resp: 837
 Ion Ratio Lower Upper
 128 100
 127 11.2 10.5 15.7
 129 0.0 8.7 13.1#

