

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111319\
 Data File : VW014005.D
 Acq On : 13 Nov 2019 14:32
 Operator : SY/VA
 Sample : K5742-07RE
 Misc : 8.78G/5.0ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 14 05:55:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	271324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	430284	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	293202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.54	152	369168	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	119149	58.54	ug/l	0.00
Spiked Amount			Recovery	=	117.08%	
35) Dibromofluoromethane	7.88	113	122635	51.29	ug/l	0.00
Spiked Amount			Recovery	=	102.58%	
50) Toluene-d8	10.32	98	732058	75.14	ug/l	0.00
Spiked Amount			Recovery	=	150.28%	
62) 4-Bromofluorobenzene	12.61	95	617644	187.23	ug/l	0.00
Spiked Amount			Recovery	=	374.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	517	4.255	ug/l #	71
15) Acrylonitrile	5.43	53	849	1.783	ug/l #	26
16) Acetone	4.14	43	35939	83.276	ug/l	96
17) Carbon Disulfide	4.39	76	9027	1.292	ug/l #	93
20) Methylene Chloride	4.92	84	14031	1.282	ug/l	97
25) 2-Butanone	7.18	43	12872	20.746	ug/l	89
28) Bromochloromethane	7.70	49	56	1.376	ug/l #	7
31) Cyclohexane	7.95	56	41580	9.192	ug/l #	94
36) 1,1-Dichloropropene	7.95	75	17308	4.319	ug/l #	51
37) Ethyl Acetate	7.18	43	12872	8.391	ug/l #	67
38) Carbon Tetrachloride	7.95	117	22524	6.242	ug/l #	17
39) Methylcyclohexane	9.34	83	736758	142.369	ug/l	99
43) Isopropyl Acetate	8.41	43	41430	14.110	ug/l #	49
45) 1,2-Dichloropropane	9.34	63	7014	2.589	ug/l #	1
47) Bromodichloromethane	9.62	83	21754	6.395	ug/l #	44
48) Methyl methacrylate	9.51	41	21890	15.033	ug/l #	19
51) 4-Methyl-2-Pentanone	10.25	43	12993	8.905	ug/l	88
52) Toluene	10.38	92	9500	1.299	ug/l	80
55) 1,1,2-Trichloroethane	10.76	97	960655	490.284	ug/l #	21
56) Ethyl methacrylate	10.66	69	373020	152.164	ug/l #	1
59) 2-Hexanone	10.93	43	1251954	1244.638	ug/l #	28
60) Dibromochloromethane	11.04	129	5710	2.454	ug/l	58
61) 1,2-Dibromoethane	11.24	107	2180	1.176	ug/l #	2
65) Chlorobenzene	11.55	112	12319	2.045	ug/l #	42
67) Ethyl Benzene	11.73	91	13546	1.247	ug/l #	85
68) m/p-Xylenes	11.84	106	18507	4.409	ug/l #	65
69) o-Xylene	12.16	106	10985	2.847	ug/l #	1
73) Isopropylbenzene	12.46	105	108718	4.101	ug/l	99
74) N-amyl acetate	12.26	43	3853179	751.345	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.69	83	477143	114.052	ug/l #	32
76) 1,2,3-Trichloropropane	12.78	75	3397	1.281	ug/l #	100
77) Bromobenzene	12.72	156	14248	2.250	ug/l #	1
78) n-propylbenzene	12.80	91	191102	6.228	ug/l	82
79) 2-Chlorotoluene	12.90	91	107393	6.228	ug/l #	40

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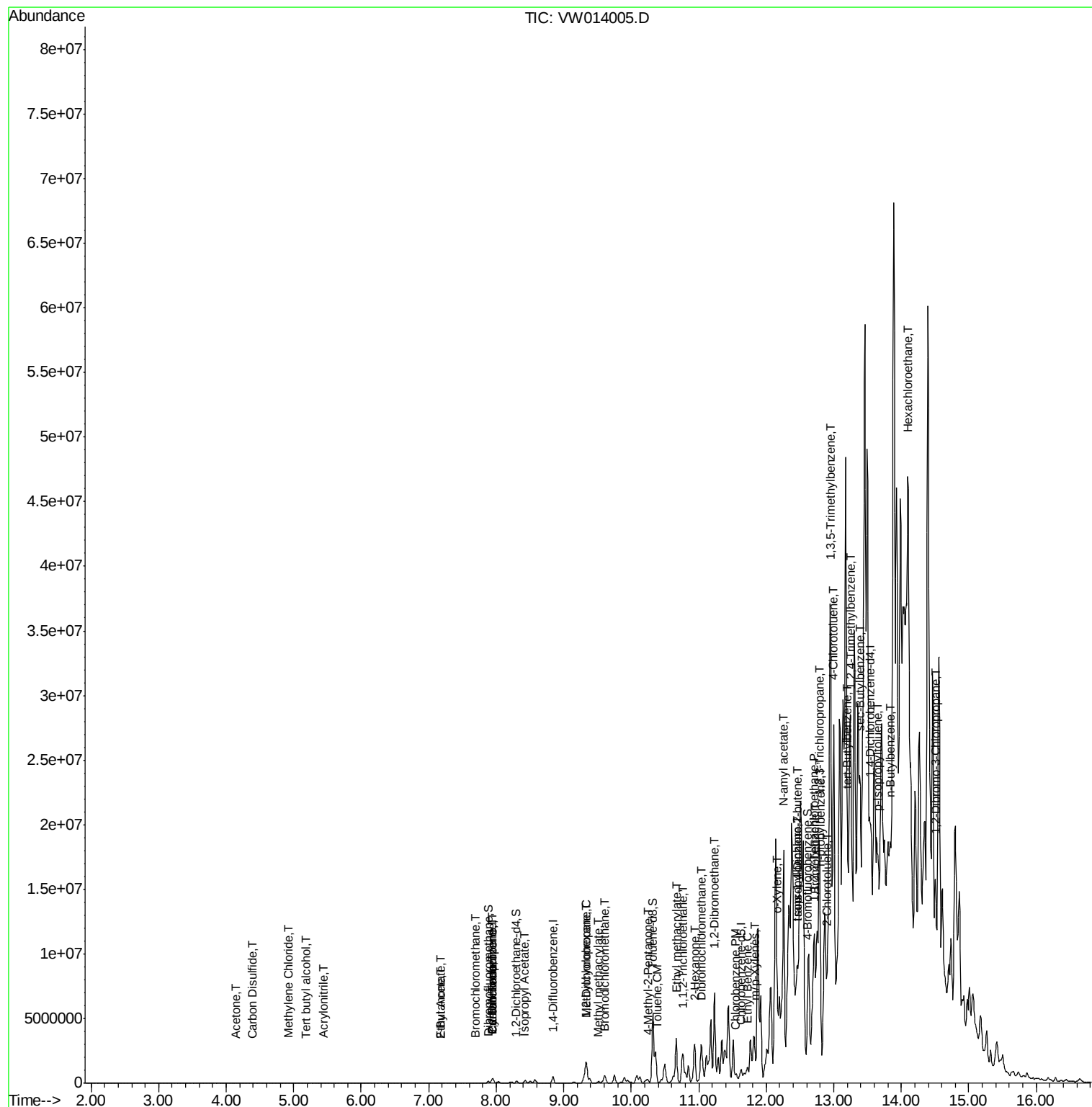
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	12.94	105	467735	20.900	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.46	75	1416	1.009	ug/l #	1
82) 4-Chlorotoluene	12.99	91	34682	1.916	ug/l #	1
83) tert-Butylbenzene	13.21	119	191594	9.645	ug/l	84
84) 1,2,4-Trimethylbenzene	13.26	105	4703401	213.051	ug/l	98
85) sec-Butylbenzene	13.38	105	1276858	47.004	ug/l #	58
86) p-Isopropyltoluene	13.66	119	742053	29.325	ug/l	90
89) n-Butylbenzene	13.83	91	900991	39.447	ug/l #	71
90) Hexachloroethane	14.10	117	778364	176.967	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.51	75	15221	24.060	ug/l #	1

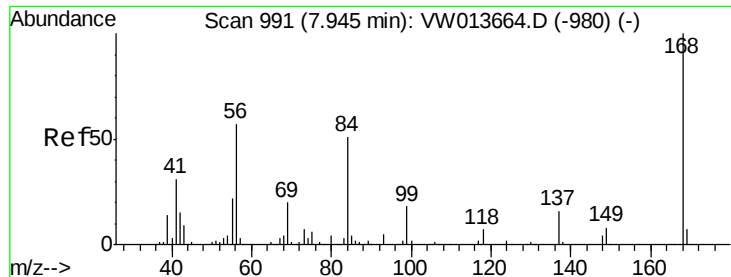
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111319\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014005.D

Acq: 13 Nov 2019 14:32

Instrument :

MSVOA_W

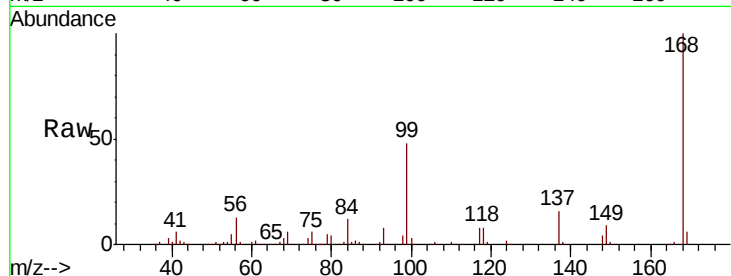
ClientSampleId :

Tot Ion:168 Resp: 271324

Ion Ratio Lower Upper

168 100

99 48.0 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

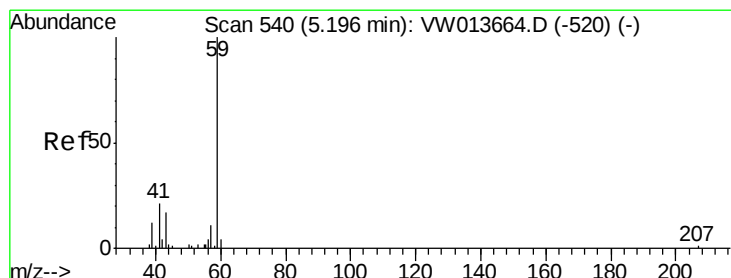
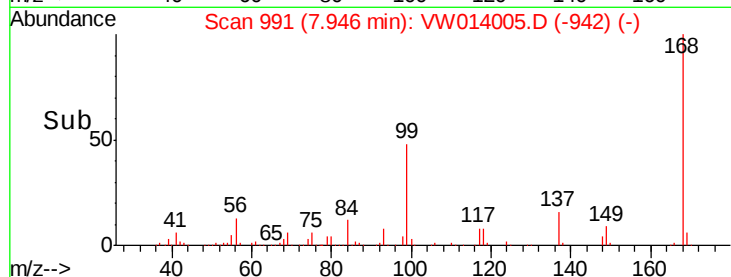
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 4.255 ug/l

RT: 5.18 min Scan# 537

Delta R.T. -0.02 min

Lab File: VW014005.D

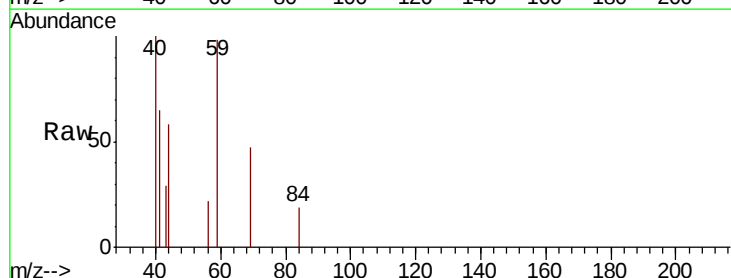
Acq: 13 Nov 2019 14:32

Tgt Ion: 59 Resp: 517

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

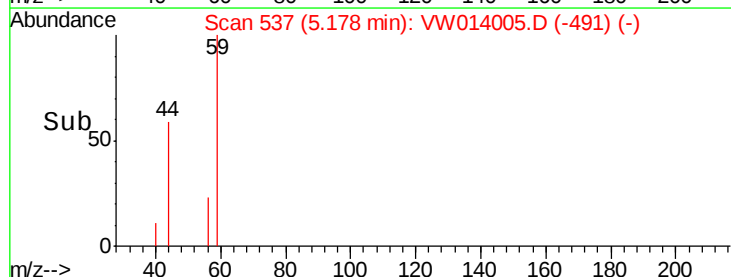
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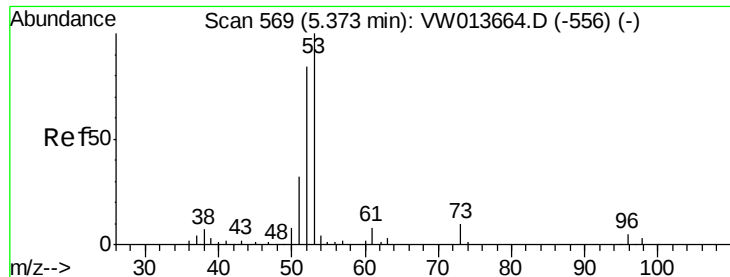
200

100

0

Time--> 5.15 5.20





#15

Acrylonitrile

Concen: 1.783 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.06 min

Lab File: VW014005.D

Acq: 13 Nov 2019 14:32

Instrument :

MSVOA_W

ClientSampleId :

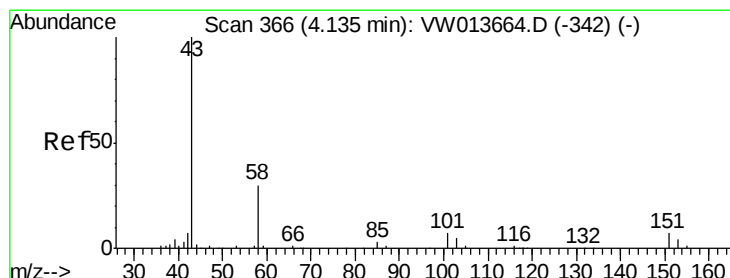
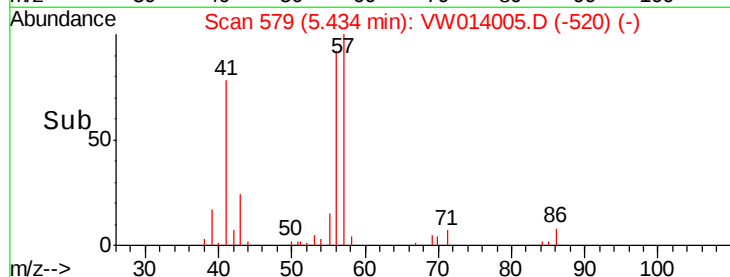
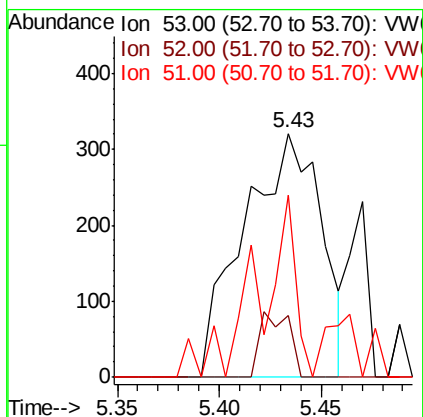
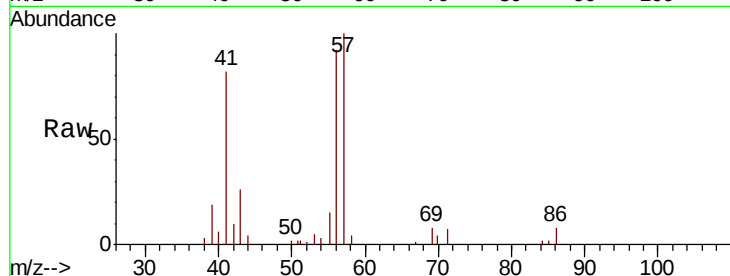
Tot Ion: 53 Resp: 849

Ion Ratio Lower Upper

53 100

52 0.0 67.4 101.0#

51 17.9 29.1 43.7#



#16

Acetone

Concen: 83.276 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW014005.D

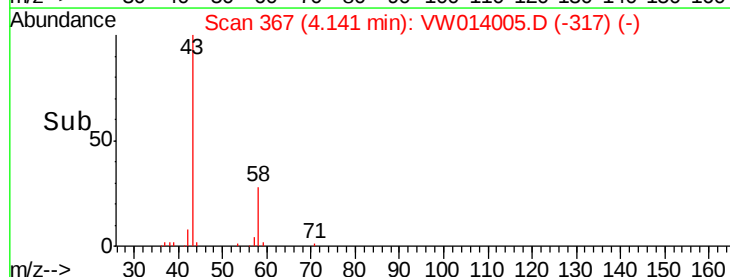
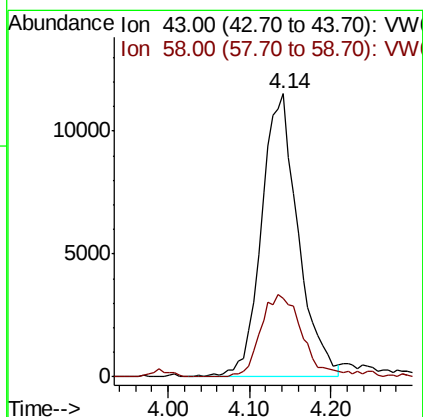
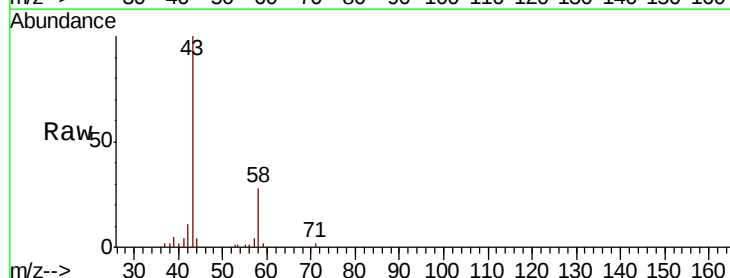
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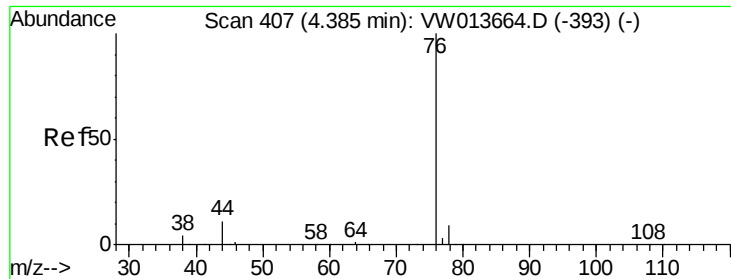
Tgt Ion: 43 Resp: 35939

Ion Ratio Lower Upper

43 100

58 28.0 24.1 36.1

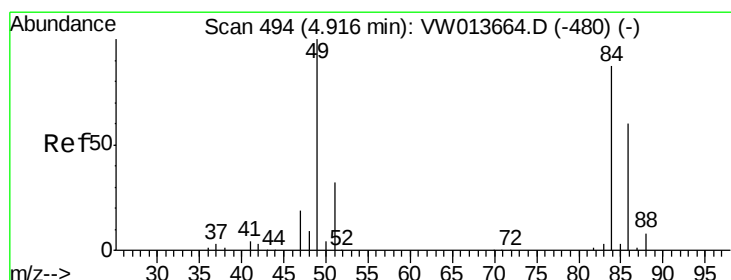
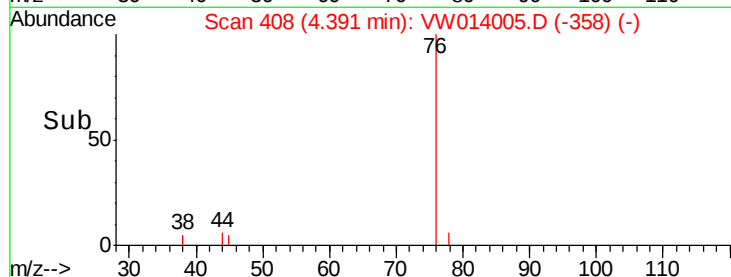
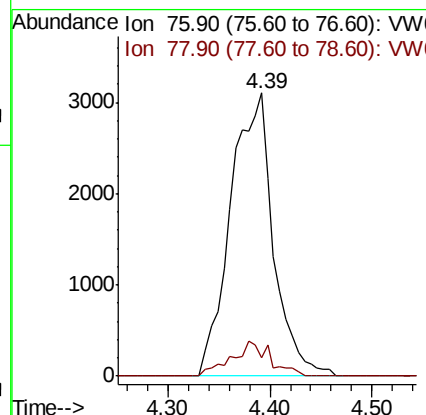
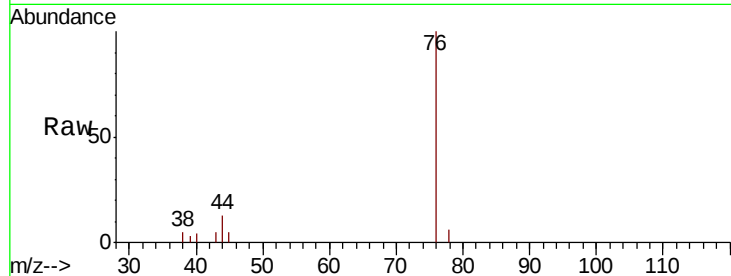




#17
Carbon Disulfide
Concen: 1.292 ug/l
RT: 4.39 min Scan# 408
Delta R.T. 0.01 min
Lab File: VW014005.D
Acq: 13 Nov 2019 14:32

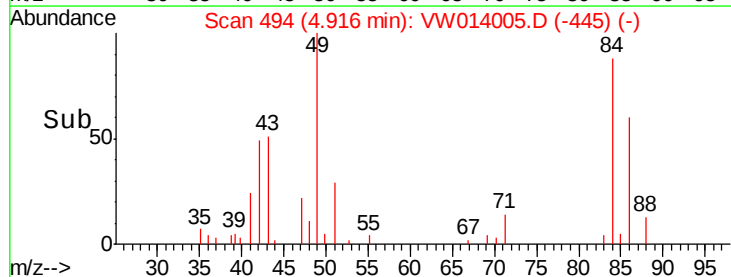
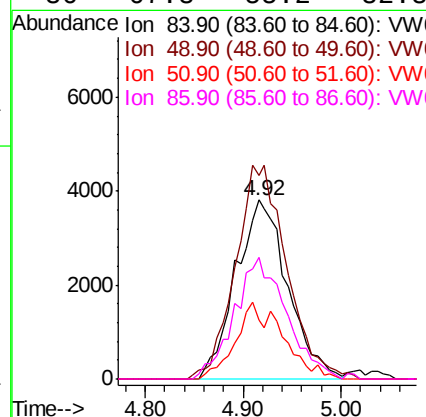
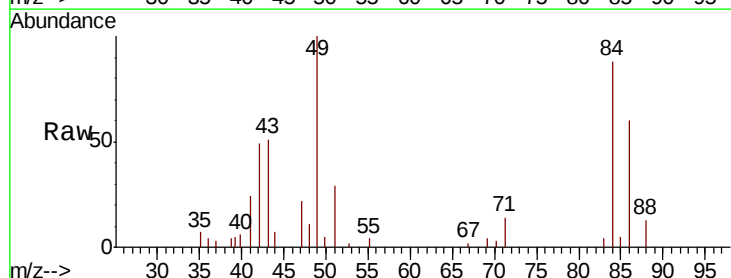
Instrument :
MSVOA_W
ClientSampleId :

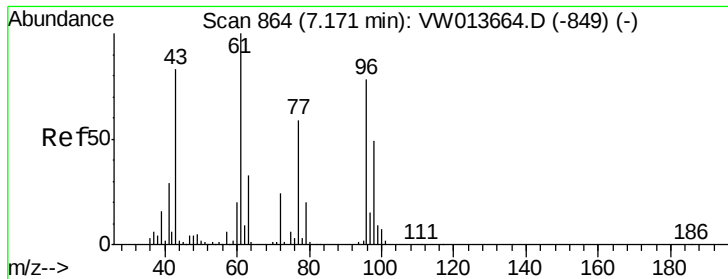
Tot Ion: 76 Resp: 9027
Ion Ratio Lower Upper
76 100
78 6.3 7.0 10.6#



#20
Methylene Chloride
Concen: 1.282 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW014005.D
Acq: 13 Nov 2019 14:32

Tgt Ion: 84 Resp: 14031
Ion Ratio Lower Upper
84 100
49 111.8 91.8 137.6
51 33.3 29.8 44.6
86 67.8 55.2 82.8





#25

2-Butanone

Concen: 20.746 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW014005.D

Acq: 13 Nov 2019 14:32

Instrument :

MSVOA_W

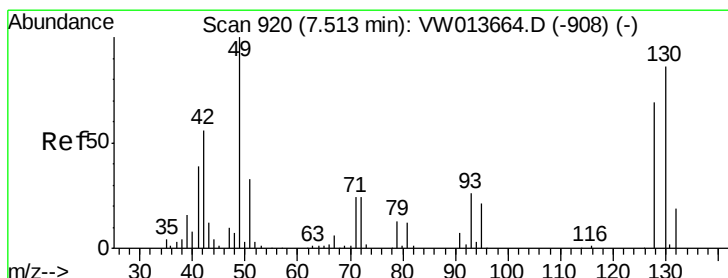
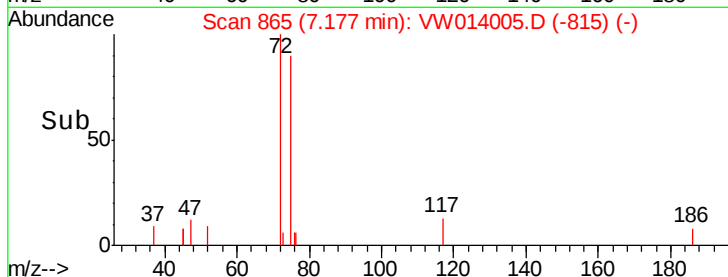
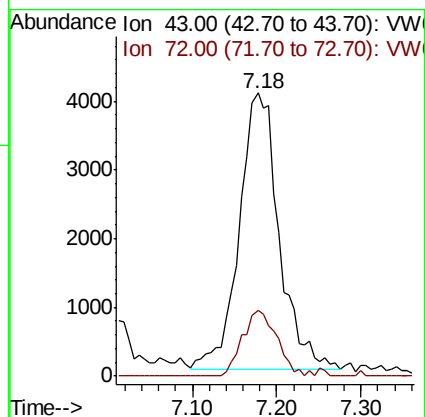
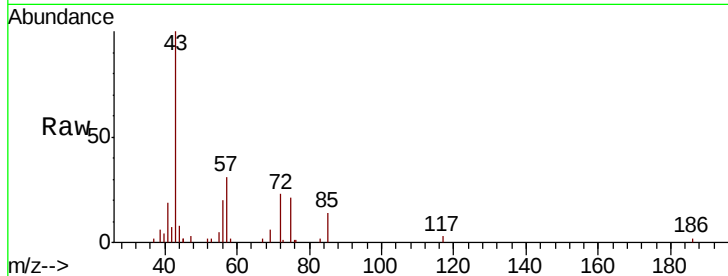
ClientSampleId :

Tot Ion: 43 Resp: 12872

Ion Ratio Lower Upper

43 100

72 23.7 23.6 35.4



#28

Bromochloromethane

Concen: 1.376 ug/l

RT: 7.70 min Scan# 950

Delta R.T. 0.18 min

Lab File: VW014005.D

Acq: 13 Nov 2019 14:32

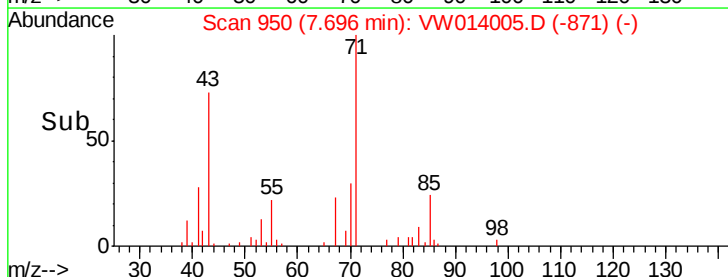
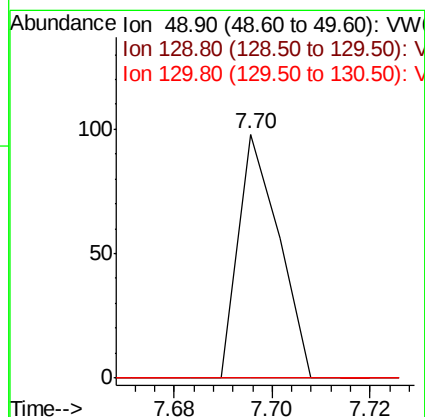
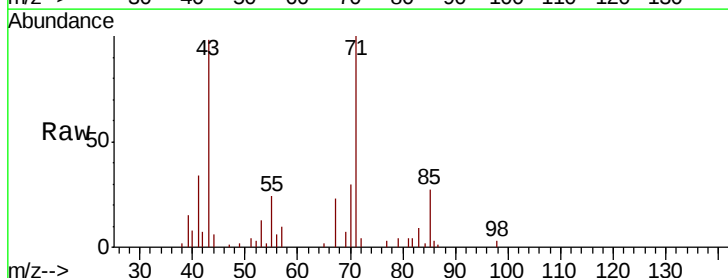
Tgt Ion: 49 Resp: 56

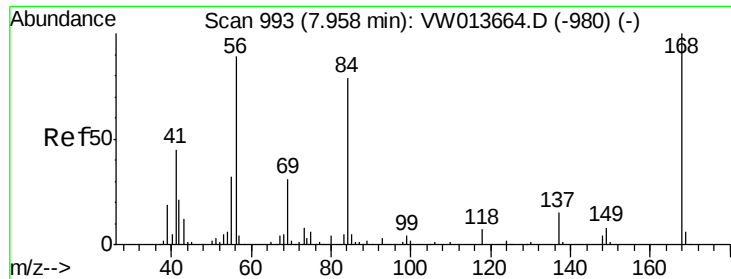
Ion Ratio Lower Upper

49 100

129 0.0 0.0 0.6

130 0.0 67.5 101.3#

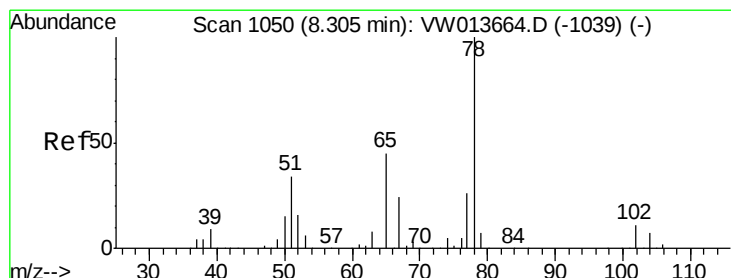
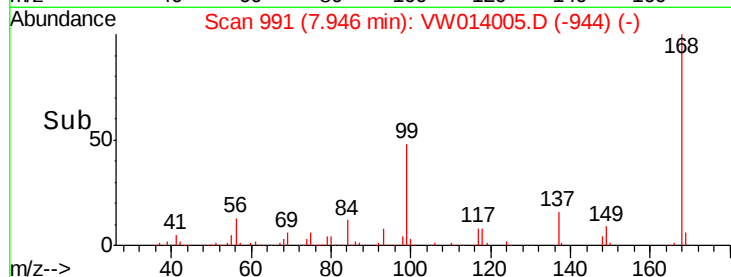
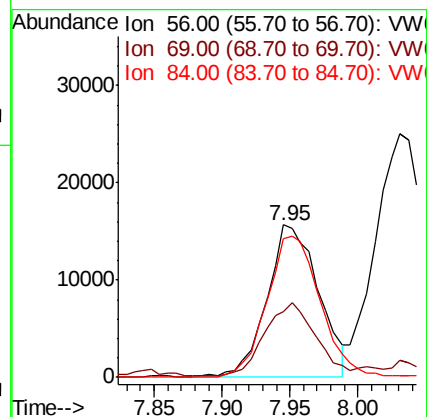
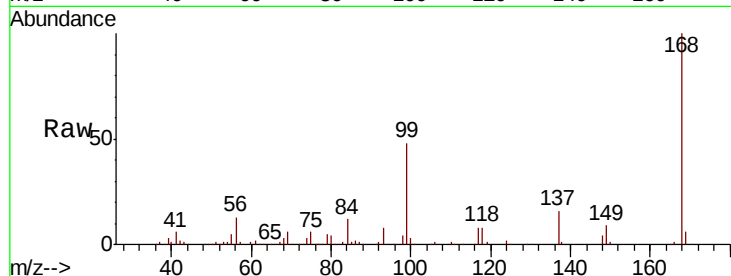




#31
Cyclohexane
Concen: 9.192 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW014005.D
Acq: 13 Nov 2019 14:32

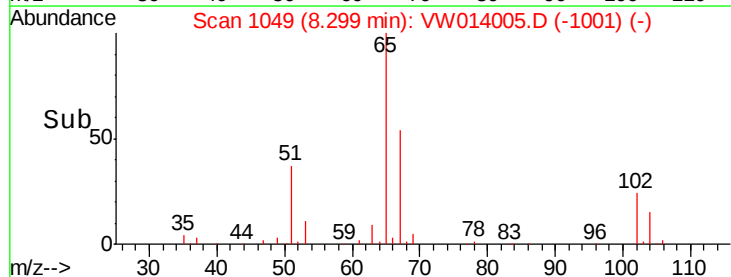
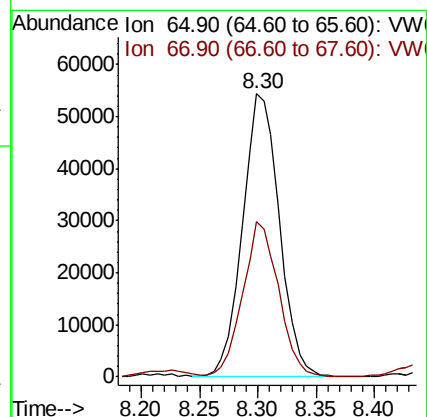
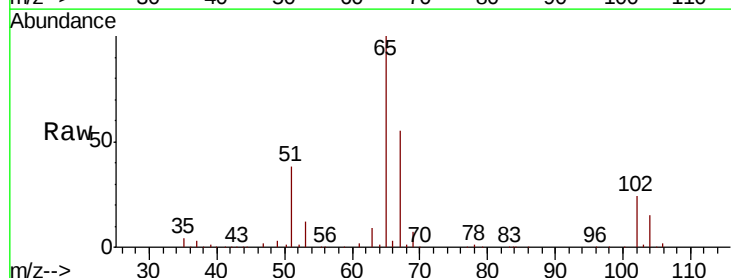
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MSVOA_W
ClientSampled :

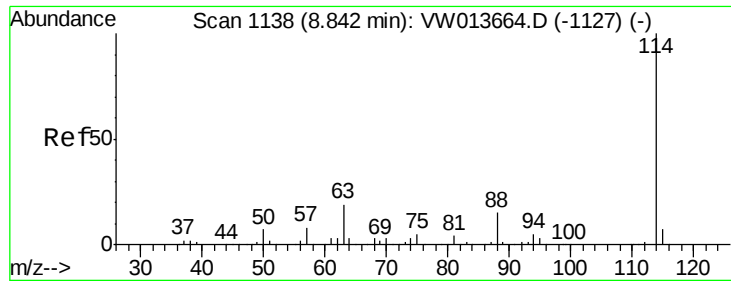
Tot Ion: 56 Resp: 41580
Ion Ratio Lower Upper
56 100
69 42.6 27.5 41.3#
84 90.8 70.8 106.2



#33
1,2-Dichloroethane-d4
Concen: 58.539 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW014005.D
Acq: 13 Nov 2019 14:32

Tgt Ion: 65 Resp: 119149
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.4

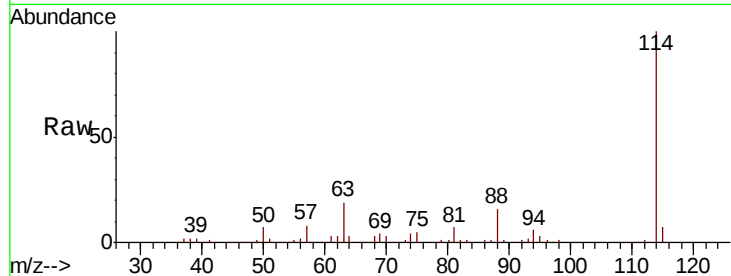




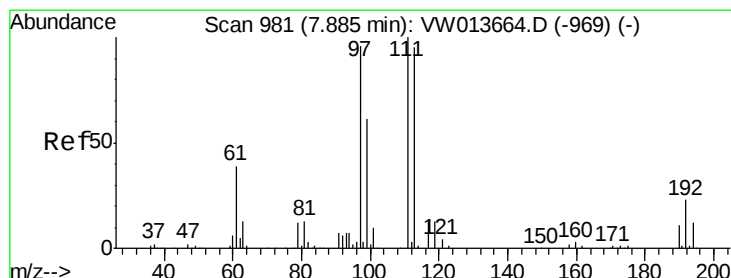
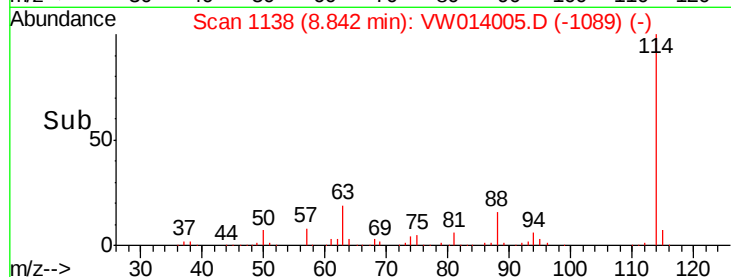
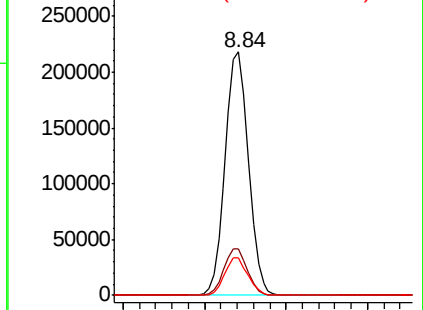
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014005.D
 Acq: 13 Nov 2019 14:32

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:114 Resp: 430284
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.6
 88 15.6 0.0 30.2

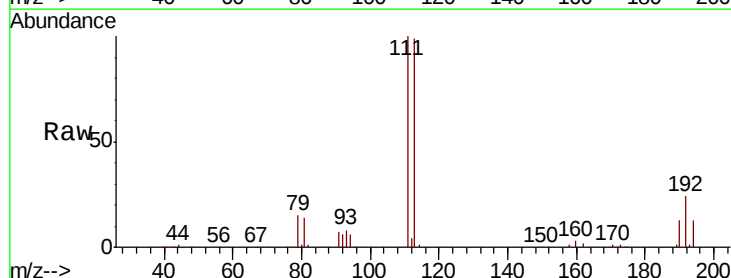


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

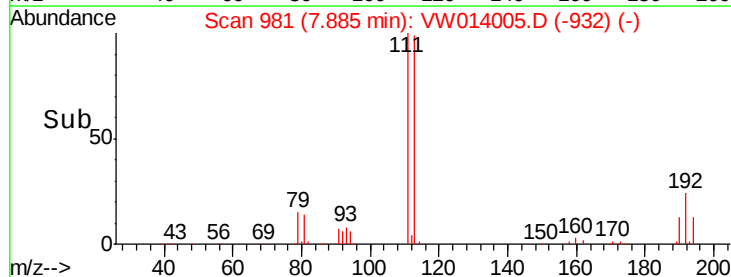
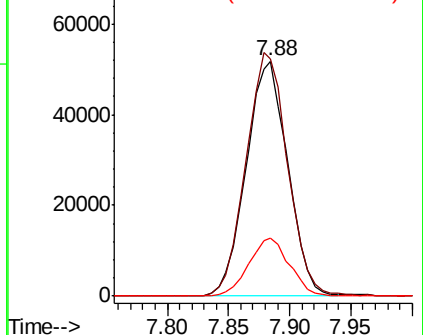


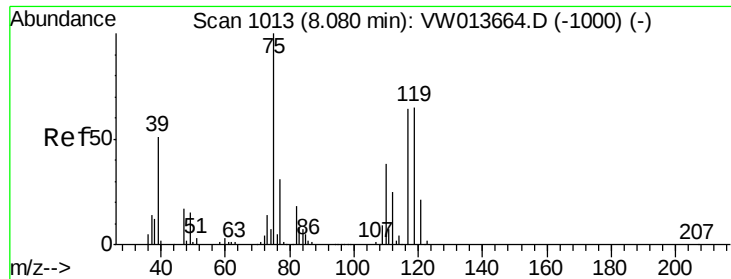
#35
 Dibromofluoromethane
 Concen: 51.293 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW014005.D
 Acq: 13 Nov 2019 14:32

Tgt Ion:113 Resp: 122635
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.0 124.6
 192 24.0 19.4 29.2



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

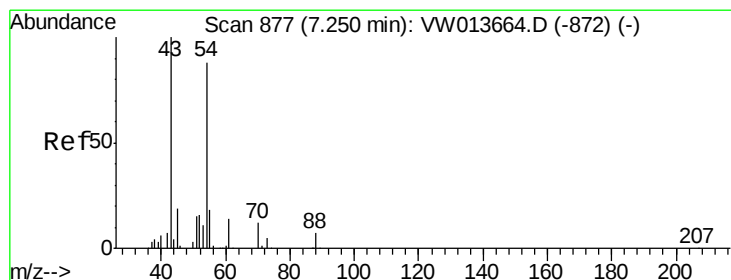
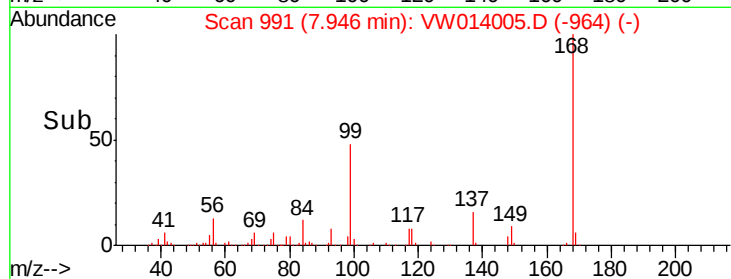
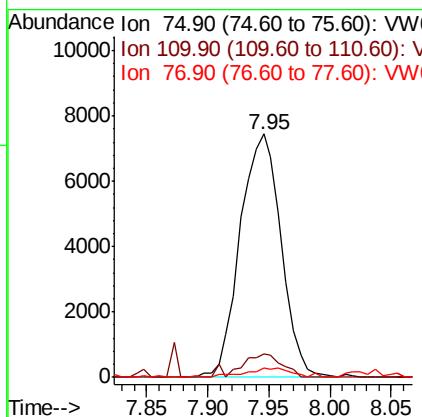
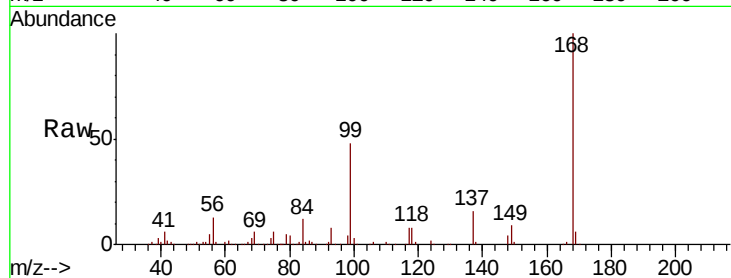




#36
 1,1-Dichloropropene
 Concen: 4.319 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW014005.D
 Acq: 13 Nov 2019 14:32

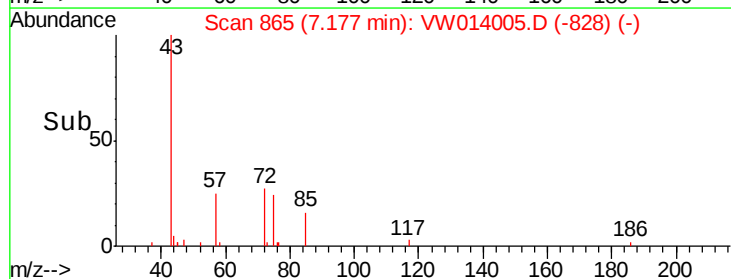
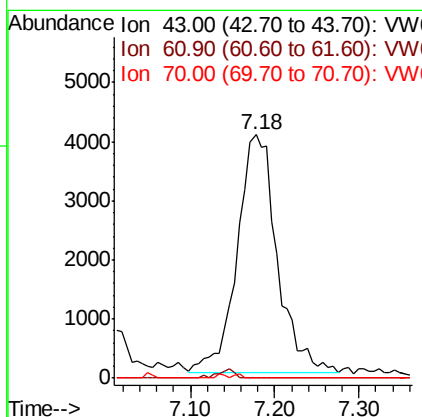
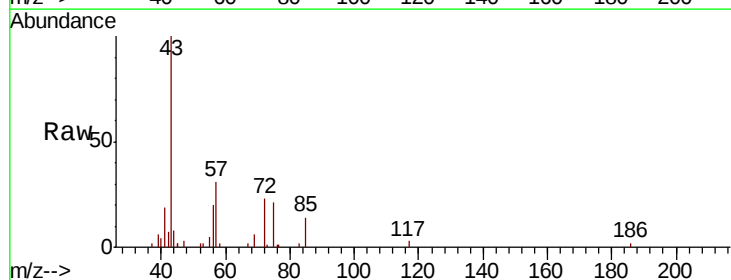
Instrument :
 MSVOA_W
 ClientSampled :

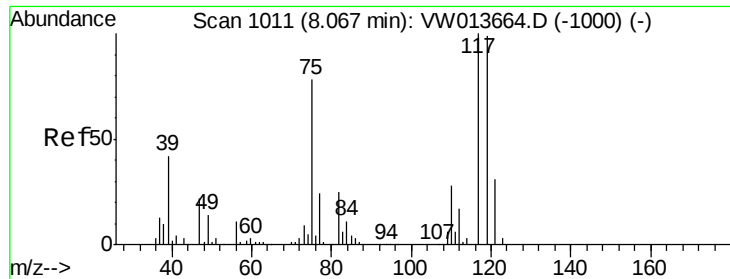
Tot Ion: 75 Resp: 17308
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.7 56.1#
 77 4.1 25.4 38.0#



#37
 Ethyl Acetate
 Concen: 8.391 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.07 min
 Lab File: VW014005.D
 Acq: 13 Nov 2019 14:32

Tgt Ion: 43 Resp: 12872
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.7 17.5#
 70 0.0 8.8 13.2#

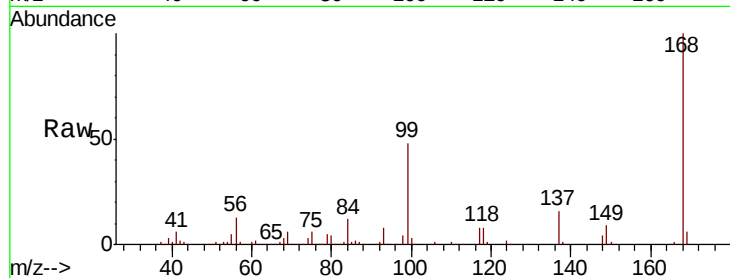




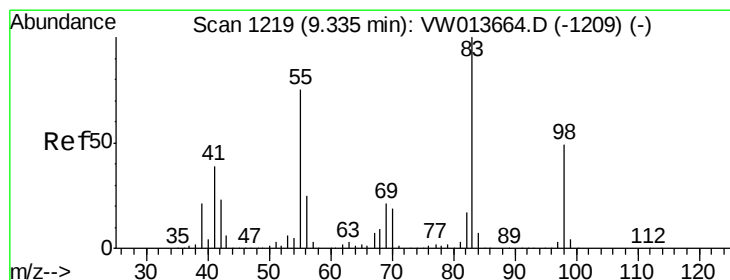
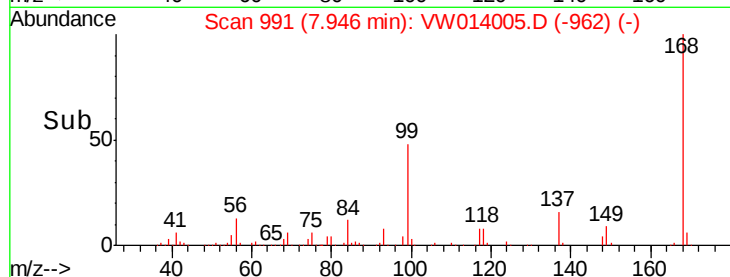
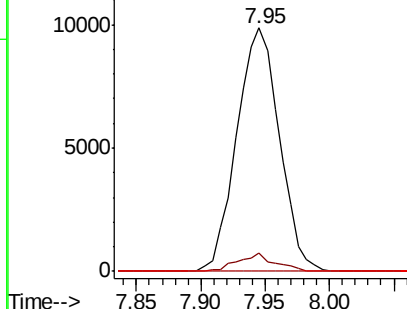
#38
Carbon Tetrachloride
Concen: 6.242 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW014005.D
Acq: 13 Nov 2019 14:32

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 22524
Ion Ratio Lower Upper
117 100
119 7.5 79.0 118.4#
121 0.0 24.5 36.7#

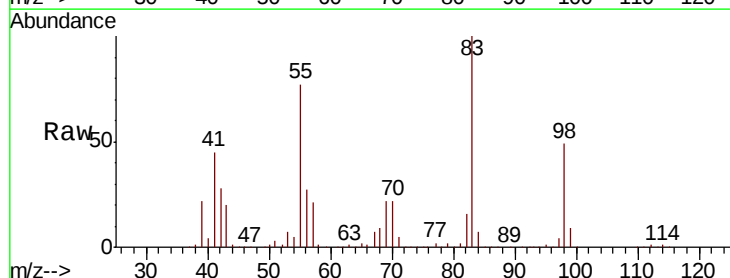


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

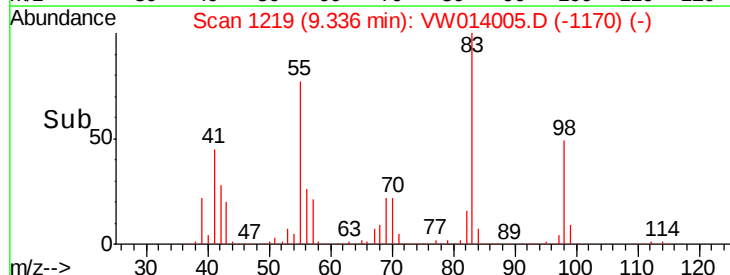
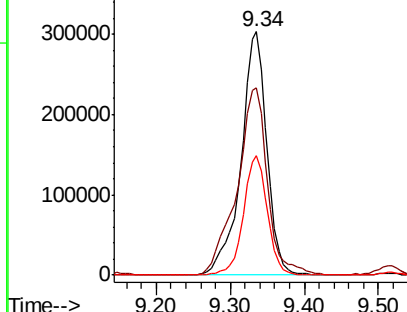


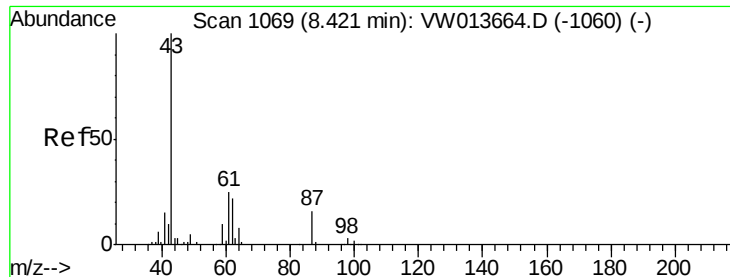
#39
Methylcyclohexane
Concen: 142.369 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW014005.D
Acq: 13 Nov 2019 14:32

Tgt Ion: 83 Resp: 736758
Ion Ratio Lower Upper
83 100
55 76.7 59.9 89.9
98 48.9 39.4 59.2



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW





#43

Isopropyl Acetate

Concen: 14.110 ug/l

RT: 8.41 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VW014005.D

Acq: 13 Nov 2019 14:32

Instrument :

MSVOA_W

ClientSampled :

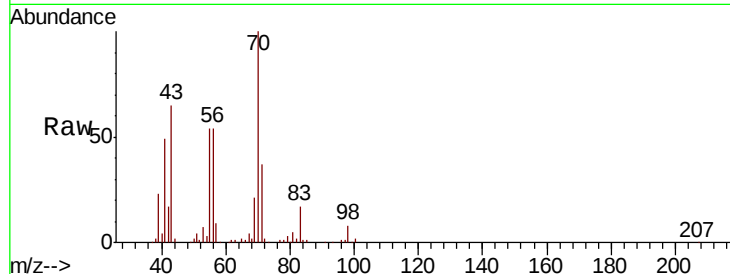
Tot Ion: 43 Resp: 41430

Ion Ratio Lower Upper

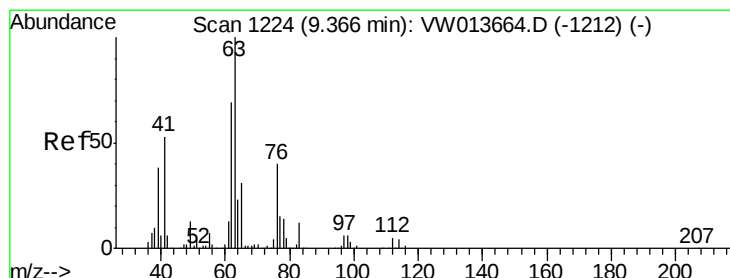
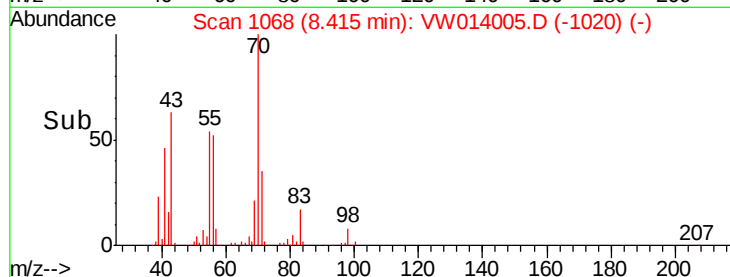
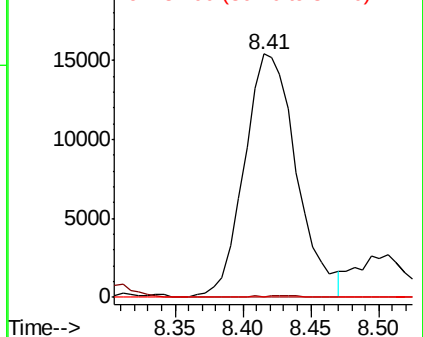
43 100

61 0.0 26.1 39.1#

87 0.0 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#45

1,2-Dichloropropane

Concen: 2.589 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.03 min

Lab File: VW014005.D

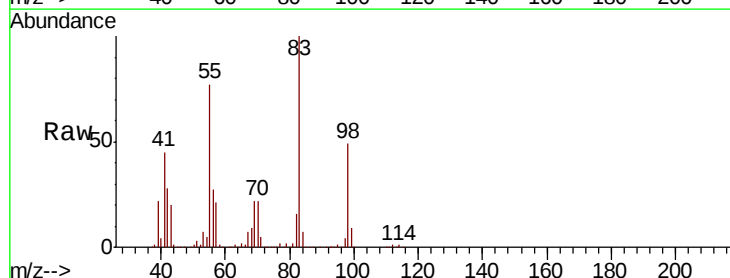
Acq: 13 Nov 2019 14:32

Tgt Ion: 63 Resp: 7014

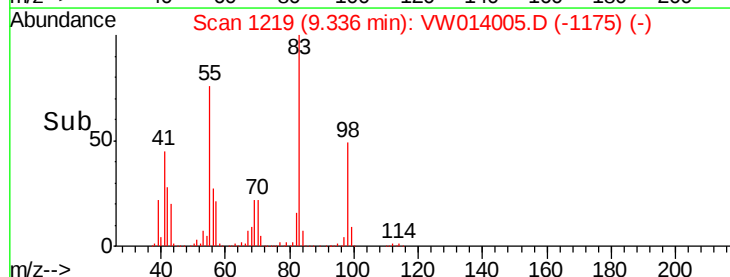
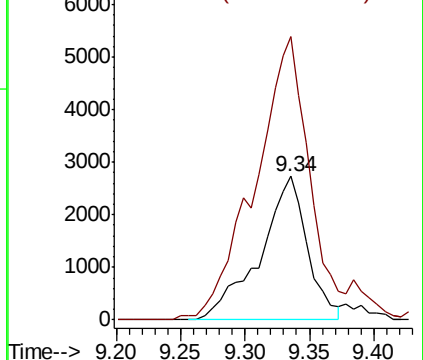
Ion Ratio Lower Upper

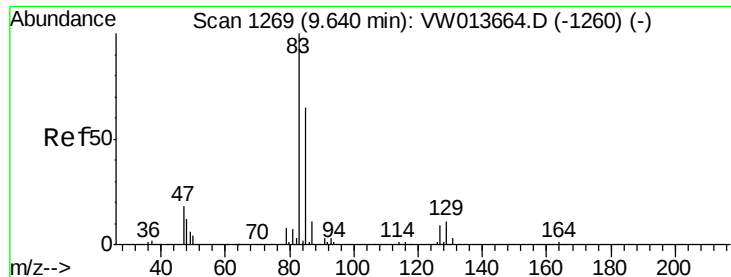
63 100

65 194.6 25.2 37.8#



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 64.90 (64.60 to 65.60): VW





#47

Bromodichloromethane

Concen: 6.395 ug/l

RT: 9.62 min Scan# 1265

Delta R.T. -0.02 min

Lab File: VW014005.D

Acq: 13 Nov 2019 14:32

Instrument :

MSVOA_W

ClientSampled :

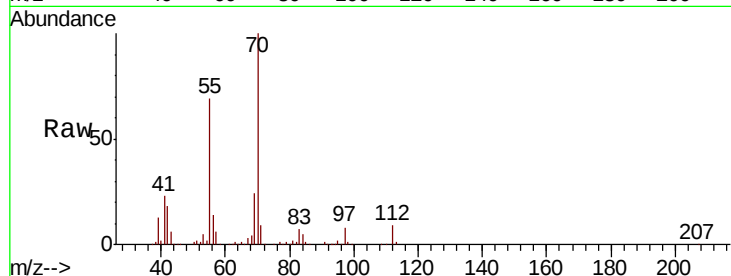
Tot Ion: 83 Resp: 21754

Ion Ratio Lower Upper

83 100

85 17.0 51.8 77.6#

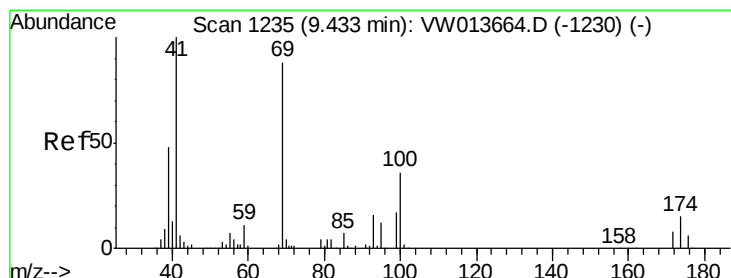
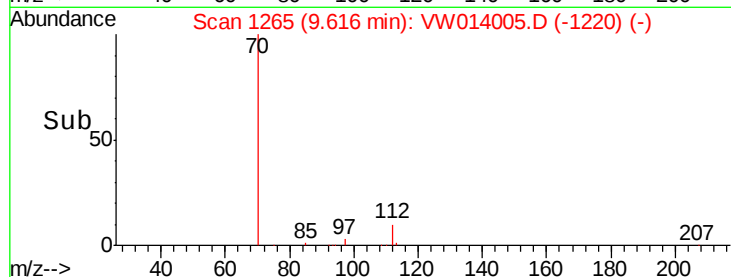
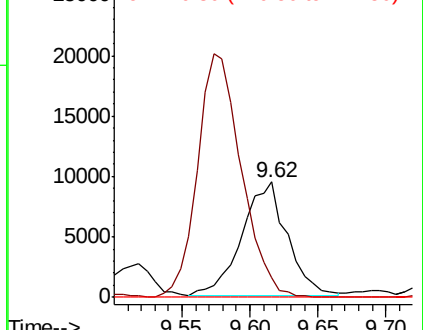
127 0.0 7.3 10.9#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 15.033 ug/l

RT: 9.51 min Scan# 1248

Delta R.T. 0.08 min

Lab File: VW014005.D

Acq: 13 Nov 2019 14:32

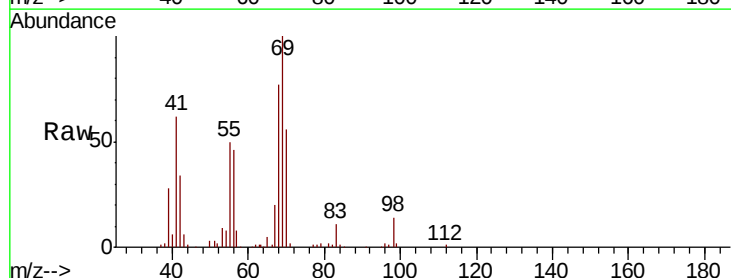
Tgt Ion: 41 Resp: 21890

Ion Ratio Lower Upper

41 100

69 199.7 67.6 101.4#

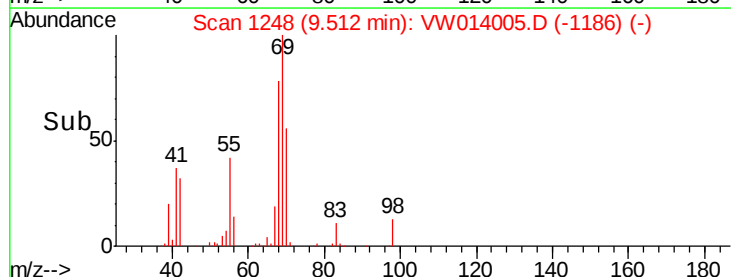
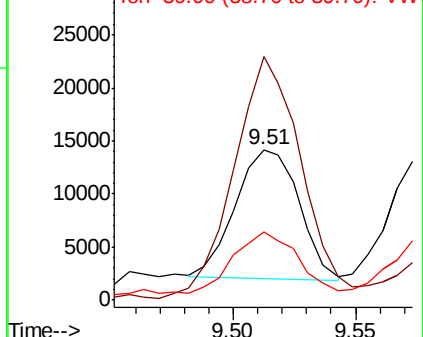
39 47.4 38.6 58.0

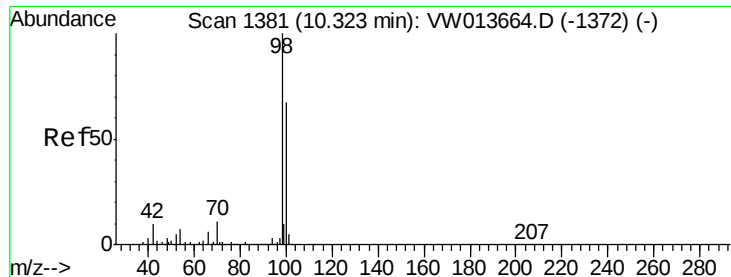


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#50

Toluene-d8

Concen: 75.142 ug/l

RT: 10.32 min Scan# 1380

Delta R.T. -0.01 min

Lab File: VW014005.D

Acq: 13 Nov 2019 14:32

Instrument :

MSVOA_W

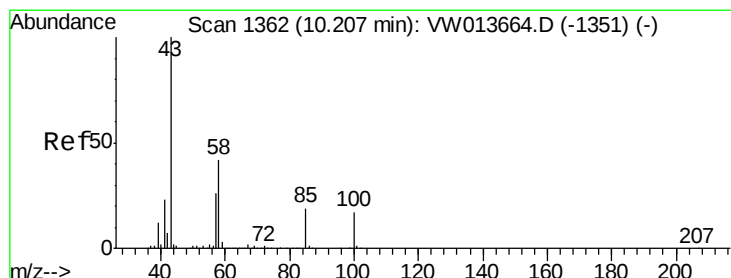
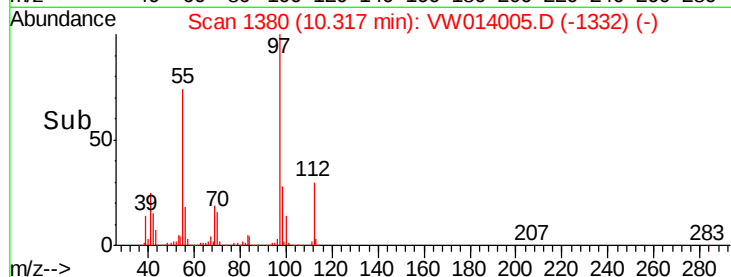
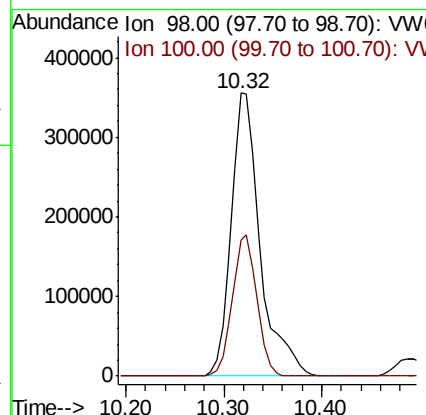
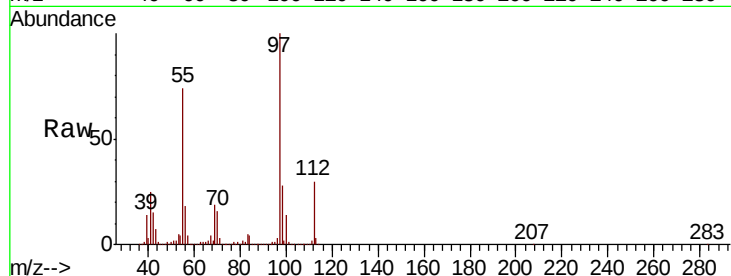
ClientSampleId :

Tot Ion: 98 Resp: 732058

Ion Ratio Lower Upper

98 100

100 41.9 53.4 80.0#



#51

4-Methyl-2-Pentanone

Concen: 8.905 ug/l

RT: 10.25 min Scan# 1369

Delta R.T. 0.04 min

Lab File: VW014005.D

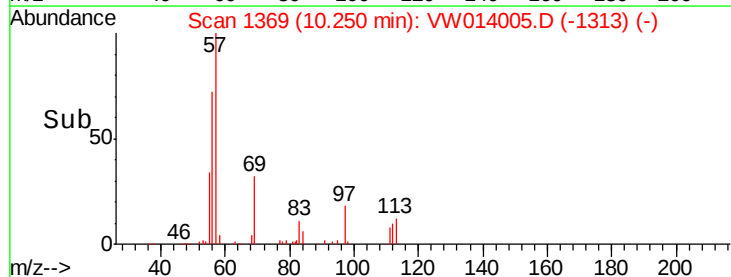
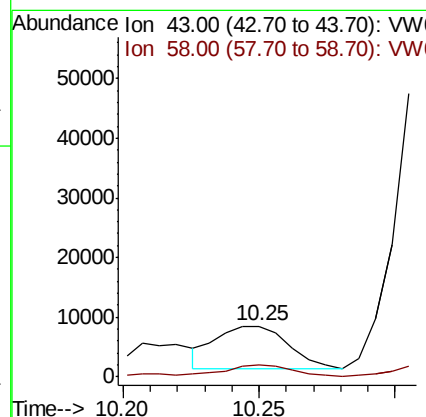
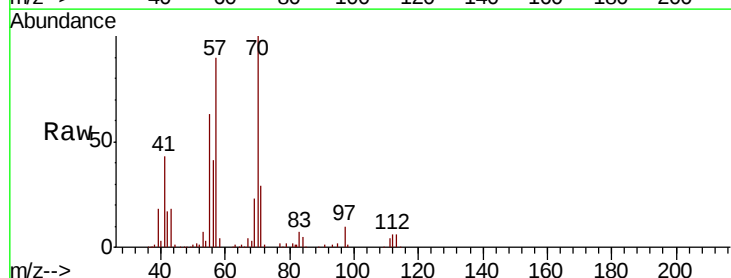
Acq: 13 Nov 2019 14:32

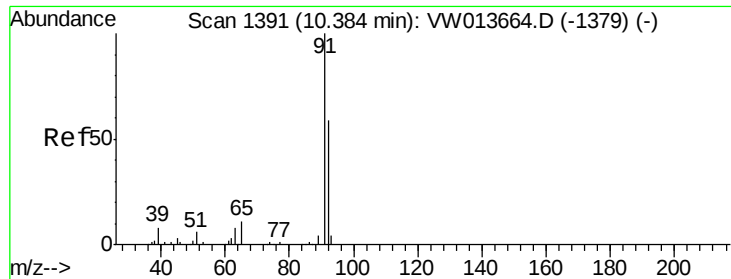
Tgt Ion: 43 Resp: 12993

Ion Ratio Lower Upper

43 100

58 33.4 32.6 49.0





#52

Toluene

Concen: 1.299 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014005.D

Acq: 13 Nov 2019 14:32

Instrument :

MSVOA_W

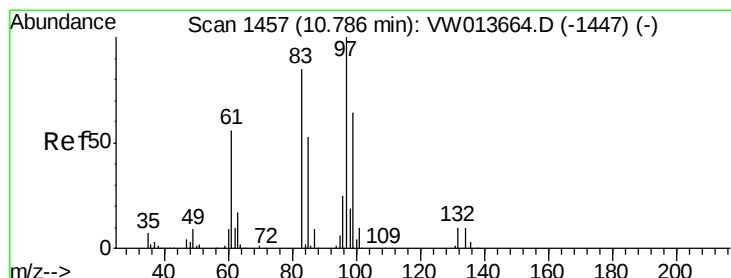
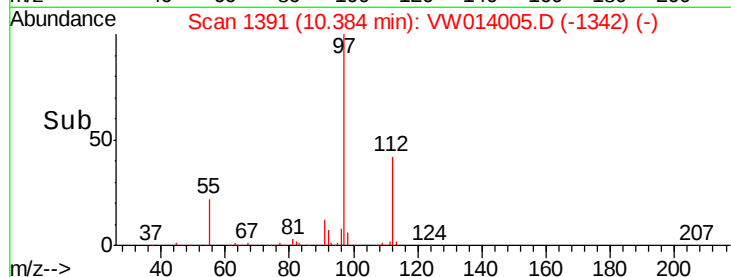
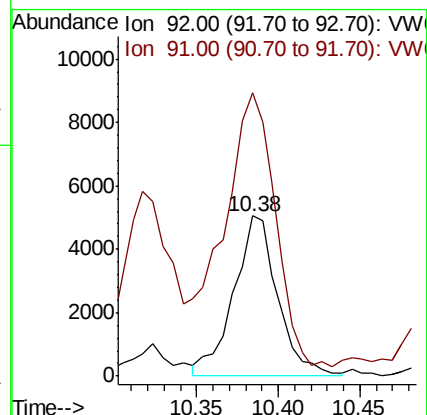
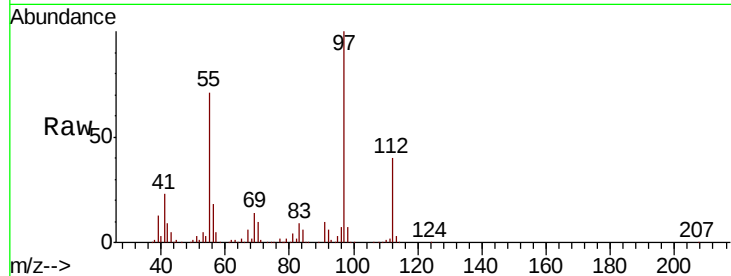
ClientSampleId :

Tot Ion: 92 Resp: 9500

Ion Ratio Lower Upper

92 100

91 195.3 134.5 201.7



#55

1,1,2-Trichloroethane

Concen: 490.284 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW014005.D

Acq: 13 Nov 2019 14:32

Tgt Ion: 97 Resp: 960655

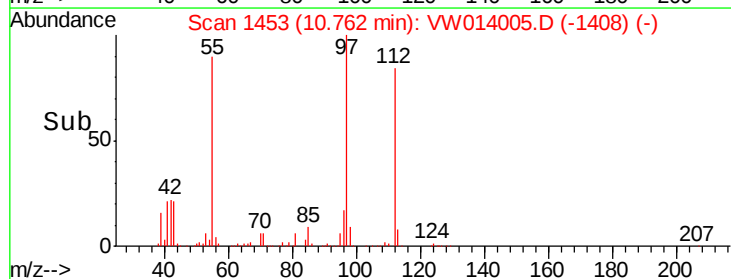
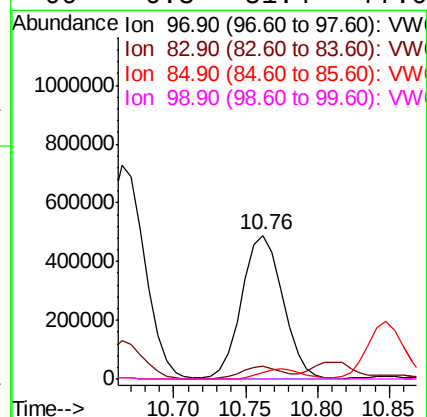
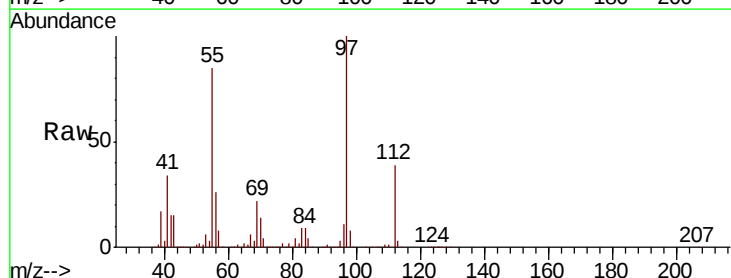
Ion Ratio Lower Upper

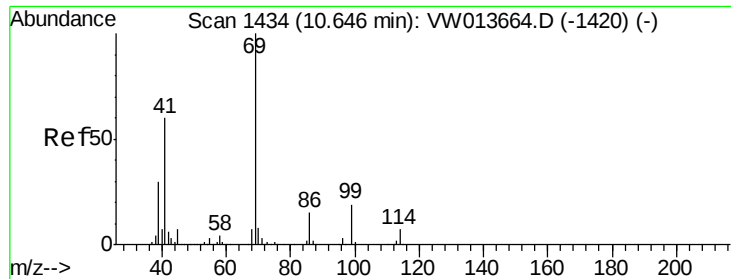
97 100

83 8.5 67.8 101.8#

85 4.5 42.1 63.1#

99 0.3 51.4 77.0#





#56

Ethyl methacrylate

Concen: 152.164 ug/l

RT: 10.66 min Scan# 1437

Delta R.T. 0.02 min

Lab File: VW014005.D

Acq: 13 Nov 2019 14:32

Instrument :

MSVOA_W

ClientSampleId :

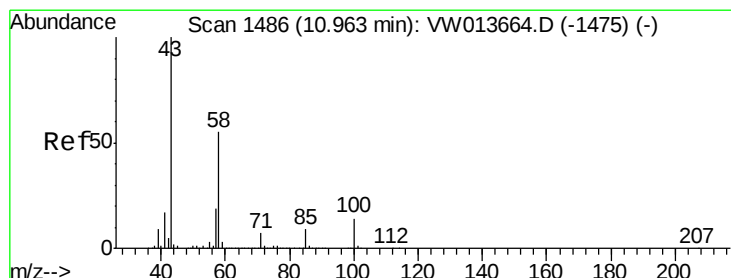
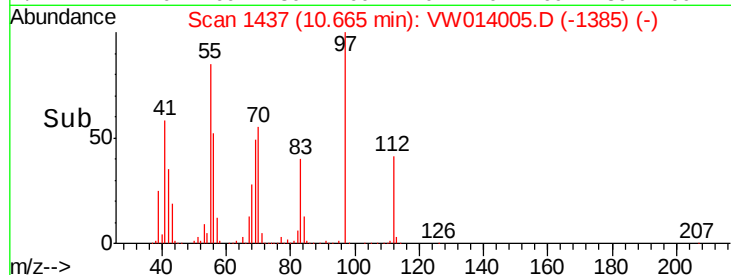
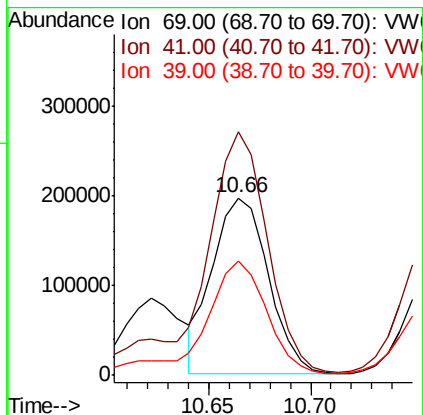
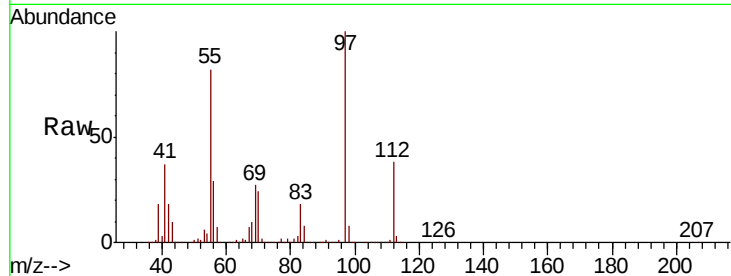
Tot Ion: 69 Resp: 373020

Ion Ratio Lower Upper

69 100

41 160.2 51.6 77.4#

39 74.4 22.4 33.6#



#59

2-Hexanone

Concen: 1244.638 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.03 min

Lab File: VW014005.D

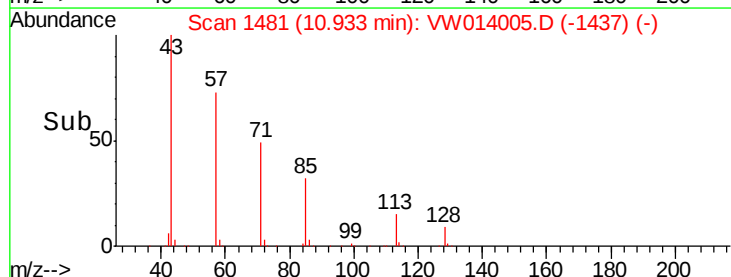
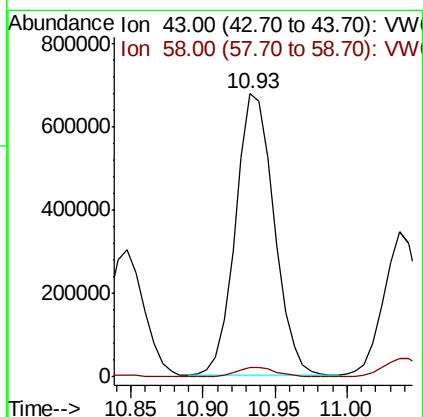
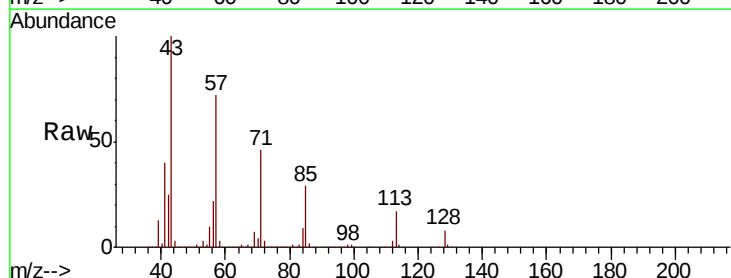
Acq: 13 Nov 2019 14:32

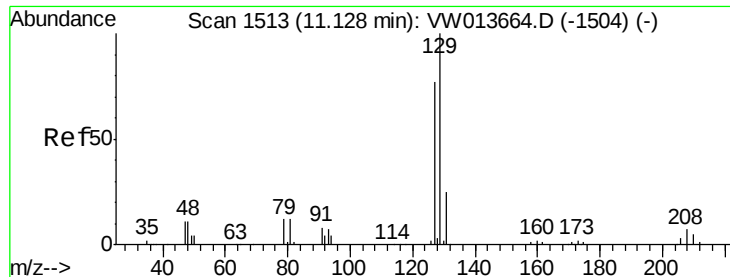
Tgt Ion: 43 Resp: 1251954

Ion Ratio Lower Upper

43 100

58 3.5 27.9 83.7#





#60

Dibromochloromethane

Concen: 2.454 ug/l

RT: 11.04 min Scan# 1499

Delta R.T. -0.09 min

Lab File: VW014005.D

Acq: 13 Nov 2019 14:32

Instrument :

MSVOA_W

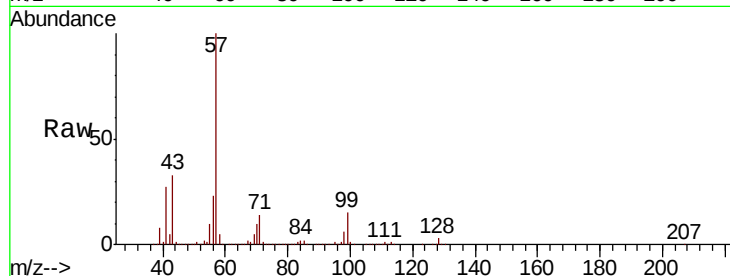
ClientSampleId :

Tot Ion:129 Resp: 5710

Ion Ratio Lower Upper

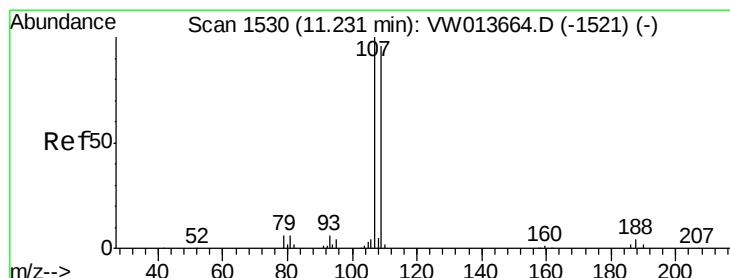
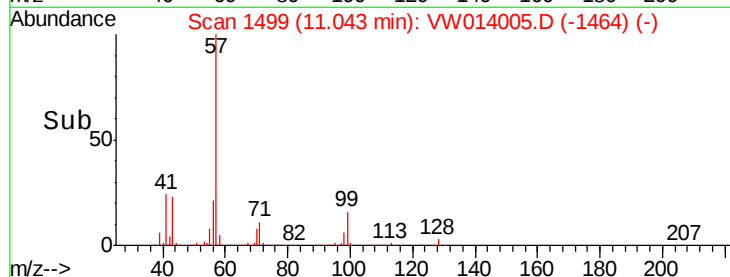
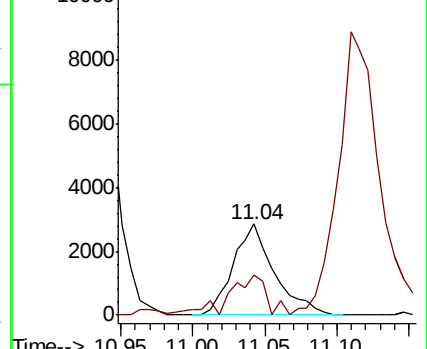
129 100

127 41.3 38.9 116.7



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 1.176 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.01 min

Lab File: VW014005.D

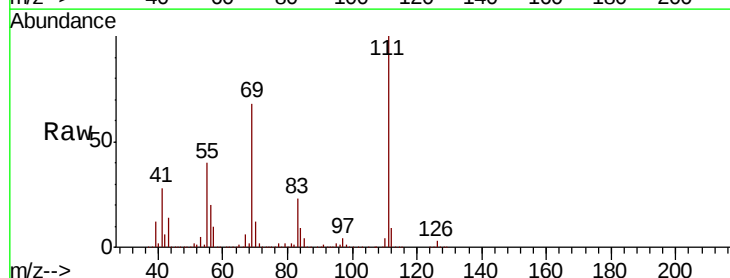
Acq: 13 Nov 2019 14:32

Tgt Ion:107 Resp: 2180

Ion Ratio Lower Upper

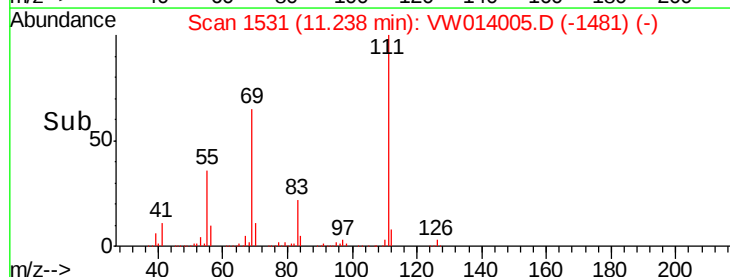
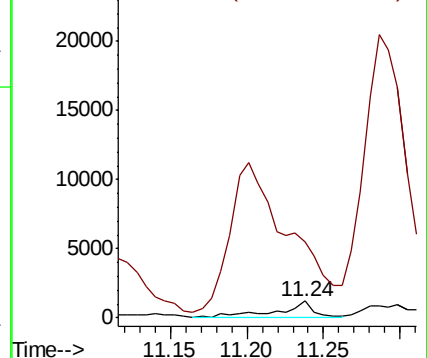
107 100

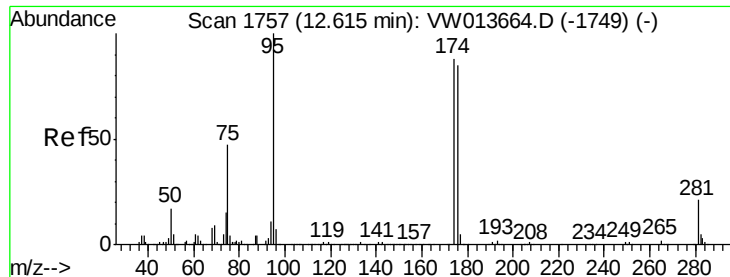
109 0.0 75.7 113.5#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

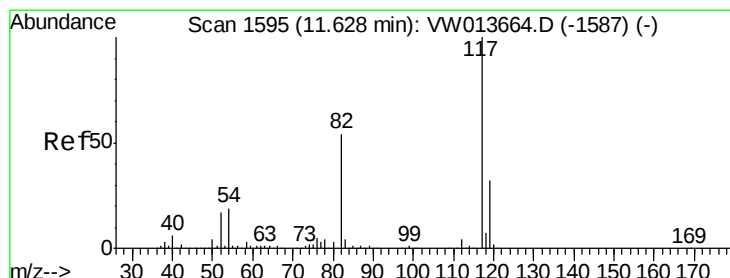
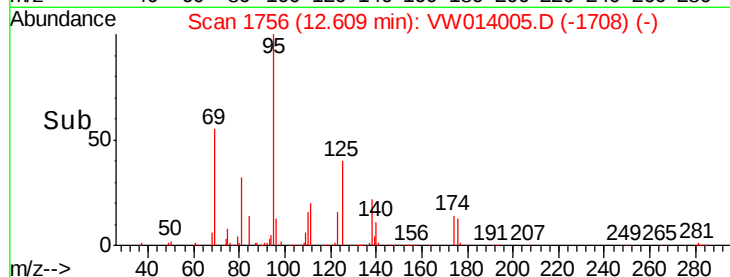
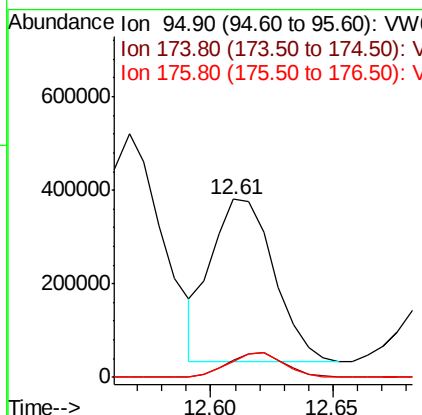
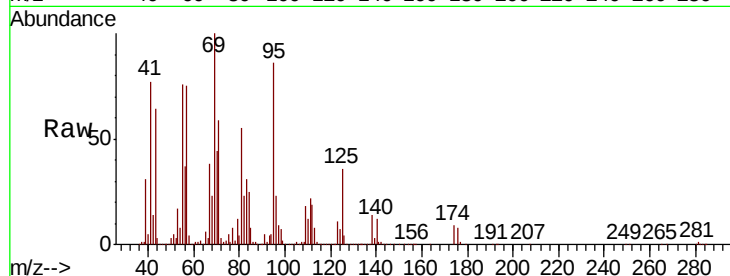




#62
4-Bromofluorobenzene
Concen: 187.235 ug/l
RT: 12.61 min Scan# 1756
Delta R.T. -0.01 min
Lab File: VW014005.D
Acq: 13 Nov 2019 14:32

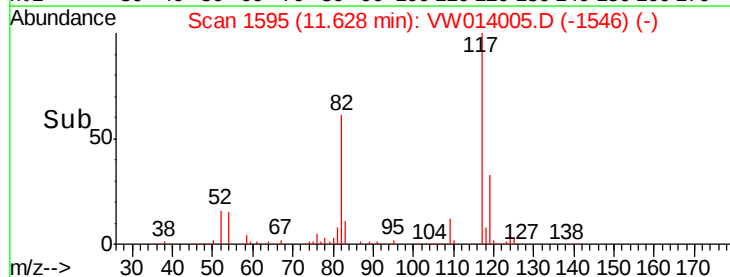
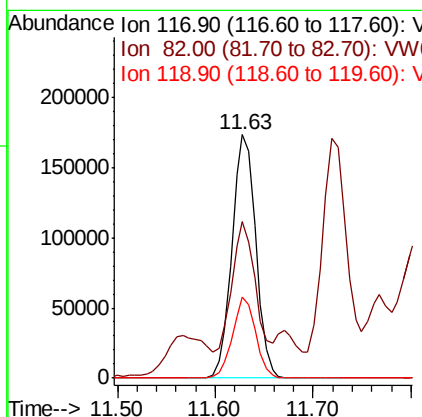
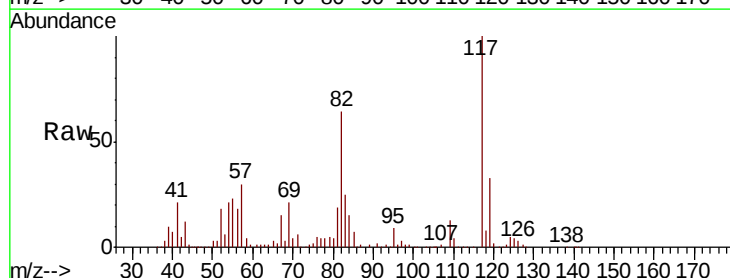
Instrument :
MSVOA_W
ClientSampleId :

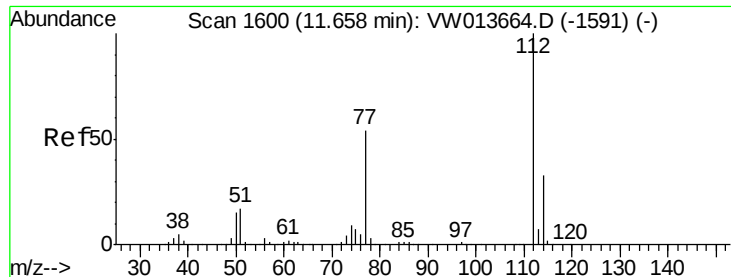
Tot Ion: 95 Resp: 617644
Ion Ratio Lower Upper
95 100
174 14.1 0.0 183.6
176 13.7 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014005.D
Acq: 13 Nov 2019 14:32

Tgt Ion: 117 Resp: 293202
Ion Ratio Lower Upper
117 100
82 48.2 43.6 65.4
119 33.2 25.4 38.2





#65

Chlorobenzene

Concen: 2.045 ug/l

RT: 11.55 min Scan# 1583

Delta R.T. -0.10 min

Lab File: VW014005.D

Acq: 13 Nov 2019 14:32

Instrument :

MSVOA_W

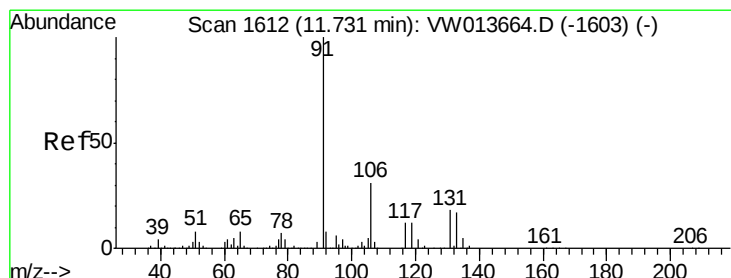
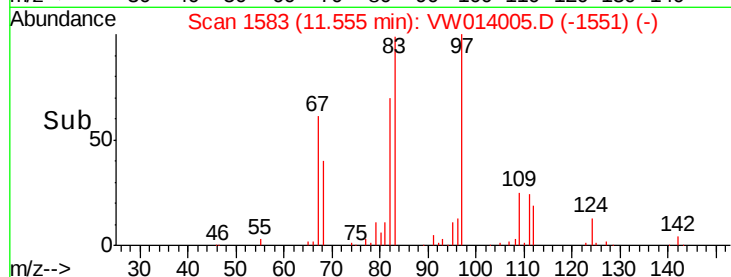
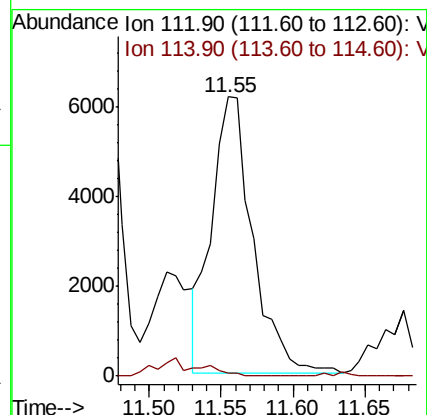
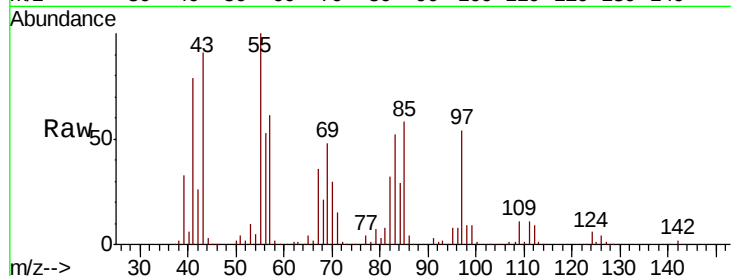
ClientSampled :

Tot Ion:112 Resp: 12319

Ion Ratio Lower Upper

112 100

114 0.0 26.2 39.4#



#67

Ethyl Benzene

Concen: 1.247 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.01 min

Lab File: VW014005.D

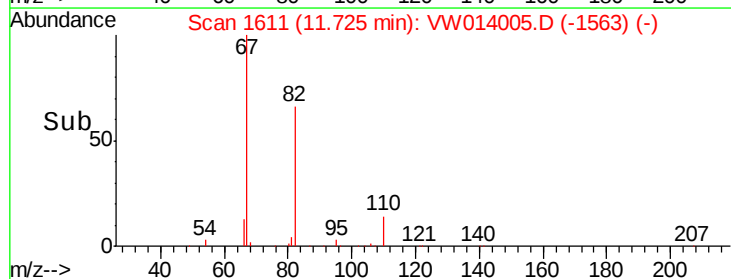
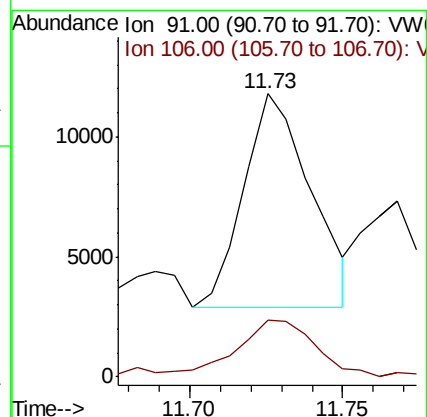
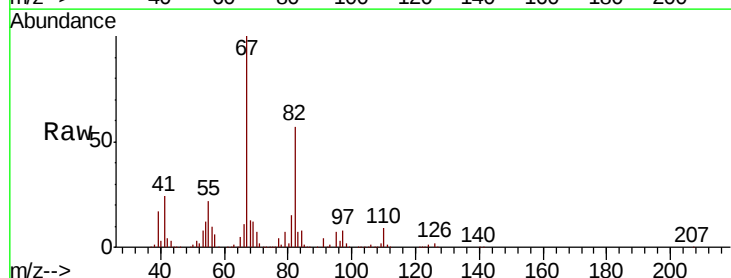
Acq: 13 Nov 2019 14:32

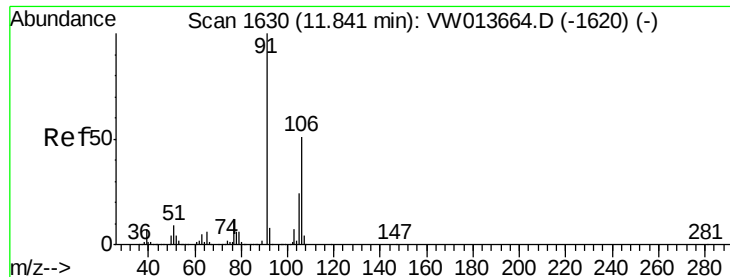
Tgt Ion: 91 Resp: 13546

Ion Ratio Lower Upper

91 100

106 23.0 25.0 37.6#

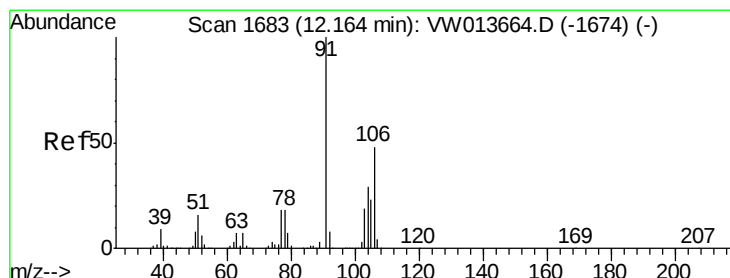
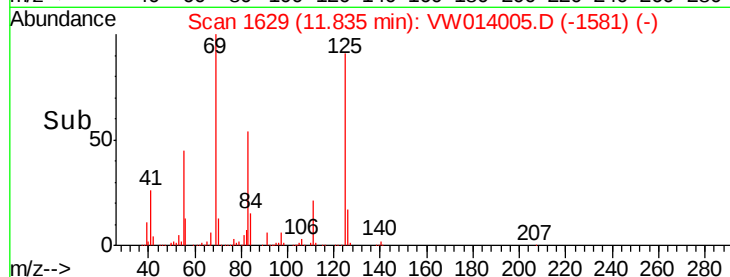
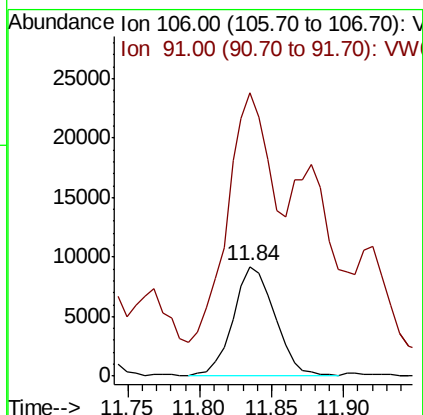
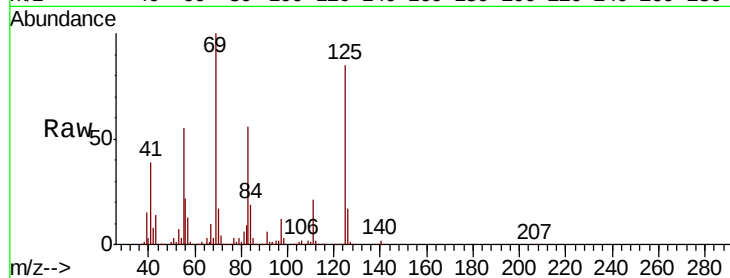




#68
m/p-Xylenes
Concen: 4.409 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW014005.D
Acq: 13 Nov 2019 14:32

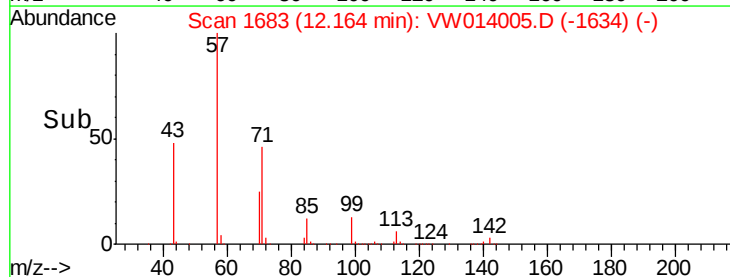
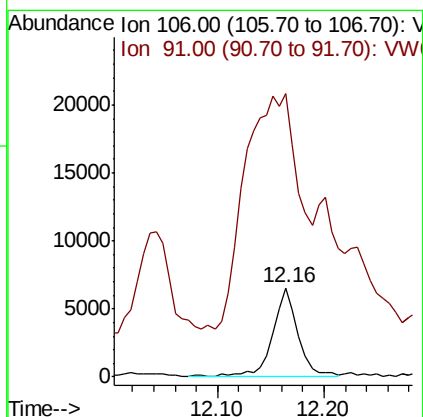
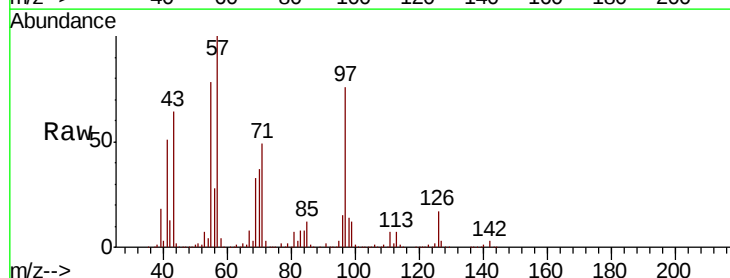
Instrument :
MSVOA_W
ClientSampled :

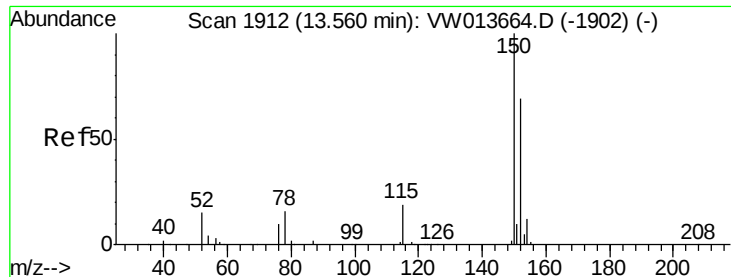
Tot Ion:106 Resp: 18507
Ion Ratio Lower Upper
106 100
91 252.2 159.2 238.8#



#69
o-Xylene
Concen: 2.847 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014005.D
Acq: 13 Nov 2019 14:32

Tgt Ion:106 Resp: 10985
Ion Ratio Lower Upper
106 100
91 563.7 104.9 314.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.54 min Scan# 1909

Delta R.T. -0.02 min

Lab File: VW014005.D

Acq: 13 Nov 2019 14:32

Instrument :

MSVOA_W

ClientSampled :

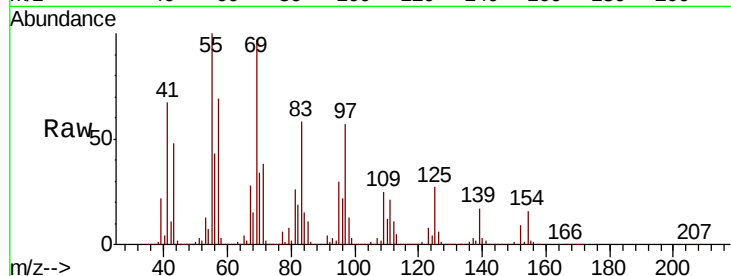
Tot Ion:152 Resp: 369168

Ion Ratio Lower Upper

152 100

115 12.9 27.4 82.2#

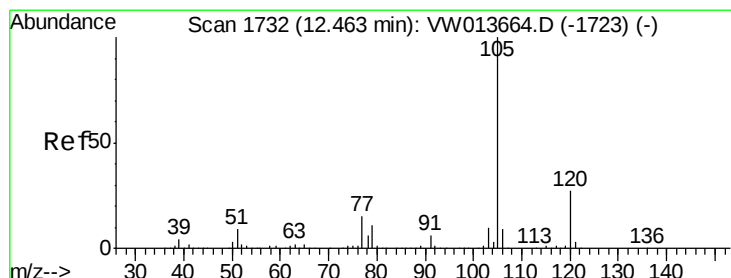
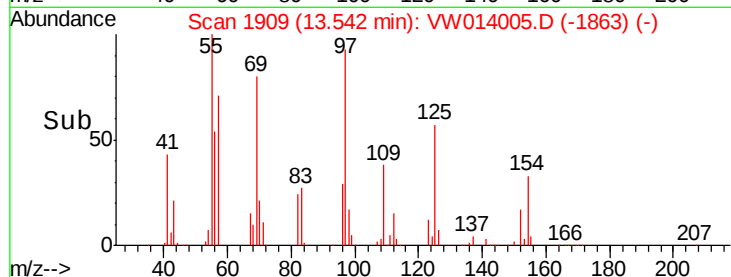
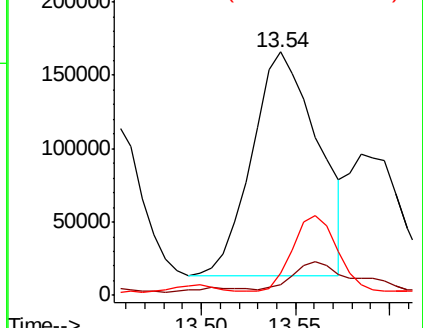
150 23.4 0.0 345.4



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: 4.101 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW014005.D

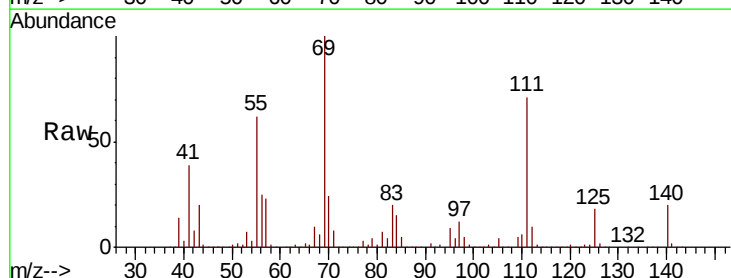
Acq: 13 Nov 2019 14:32

Tgt Ion:105 Resp: 108718

Ion Ratio Lower Upper

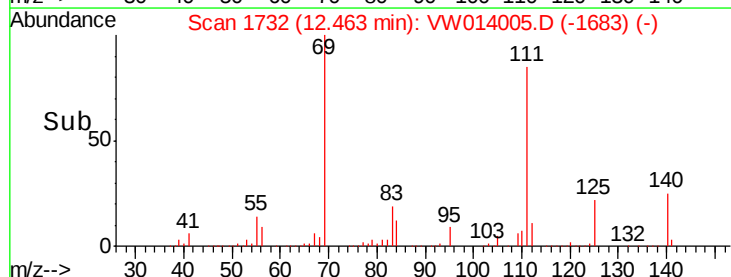
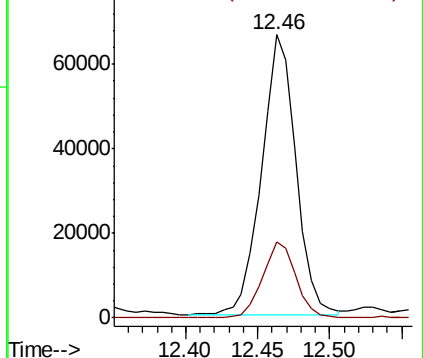
105 100

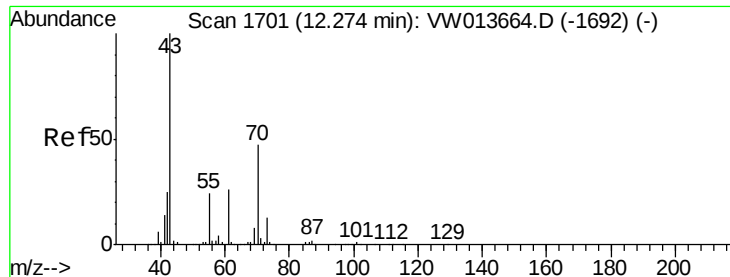
120 26.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 751.345 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW014005.D

Acq: 13 Nov 2019 14:32

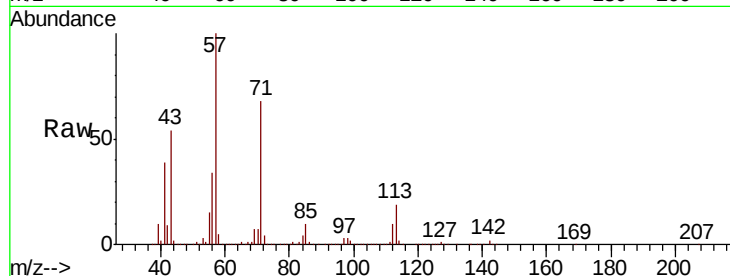
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 3853179

Ion	Ratio	Lower	Upper
43	100		
70	20.0	36.6	55.0#
55	0.0	20.3	30.5#
61	0.0	20.4	30.6#

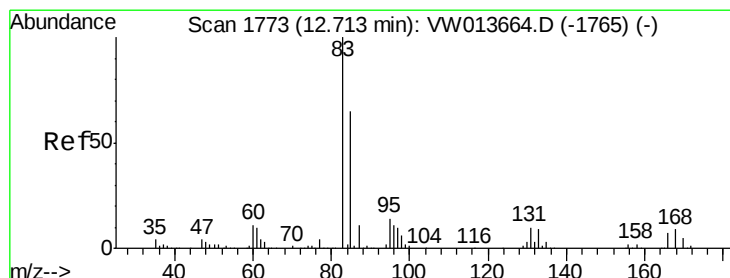
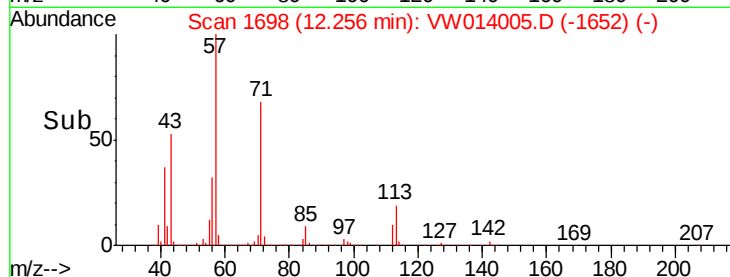
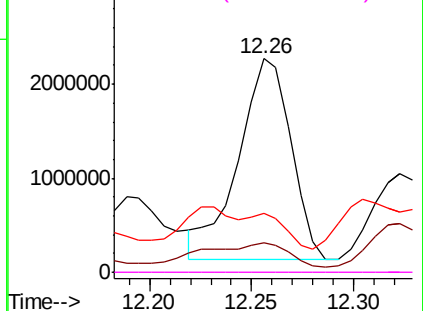


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 114.052 ug/l

RT: 12.69 min Scan# 1770

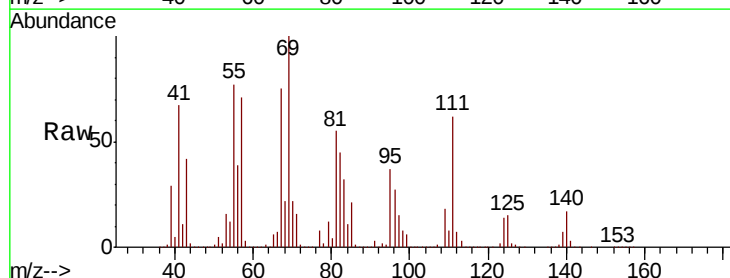
Delta R.T. -0.02 min

Lab File: VW014005.D

Acq: 13 Nov 2019 14:32

Tgt Ion: 83 Resp: 477143

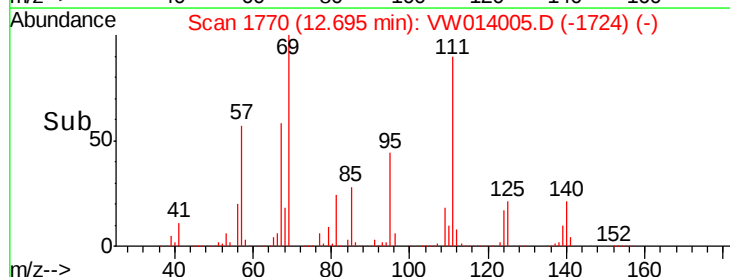
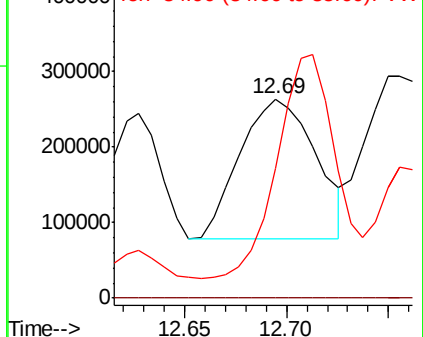
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.7	17.1#
85	123.5	32.5	97.4#

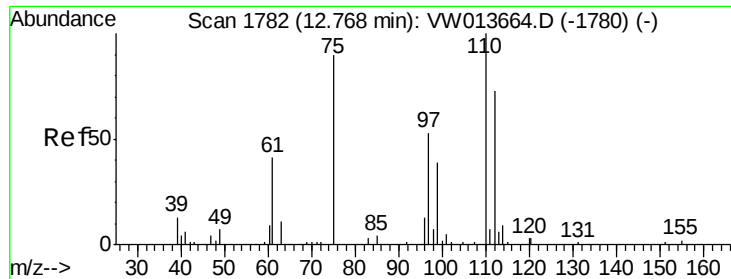


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

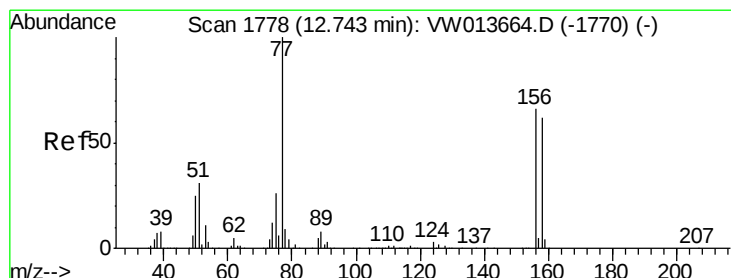
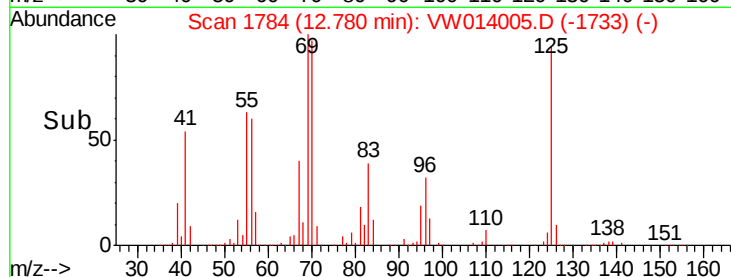
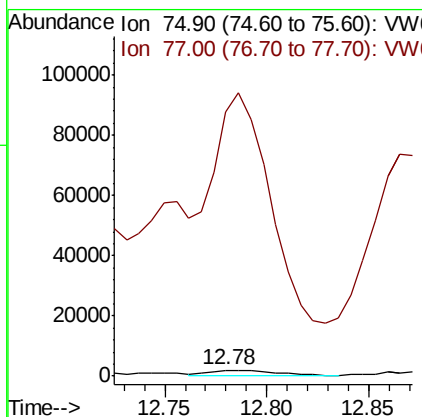
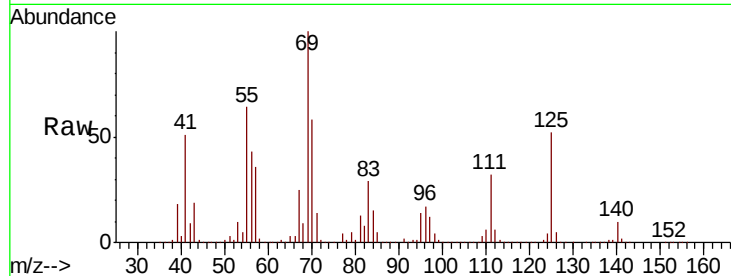




#76
 1,2,3-Trichloropropane
 Concen: 1.281 ug/l
 RT: 12.78 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: VW014005.D
 Acq: 13 Nov 2019 14:32

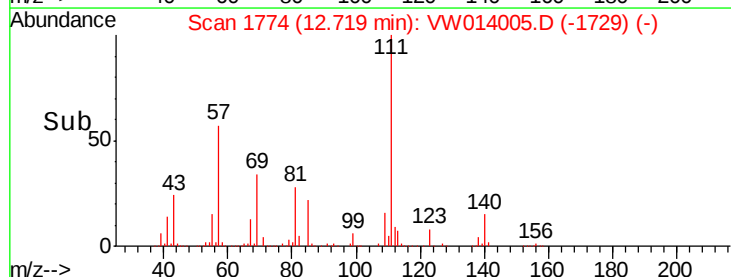
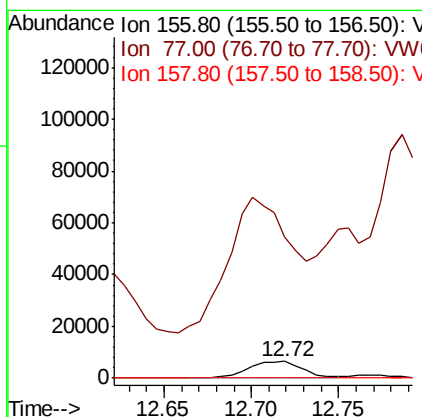
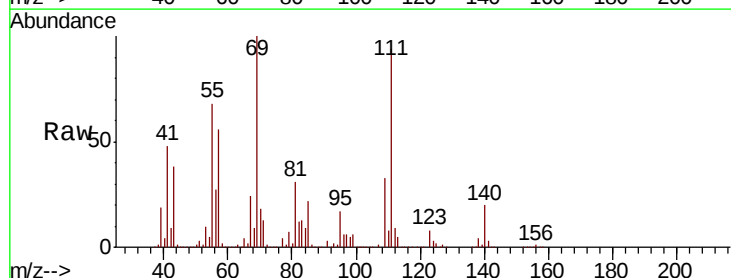
Instrument :
 MSVOA_W
 ClientSampled :

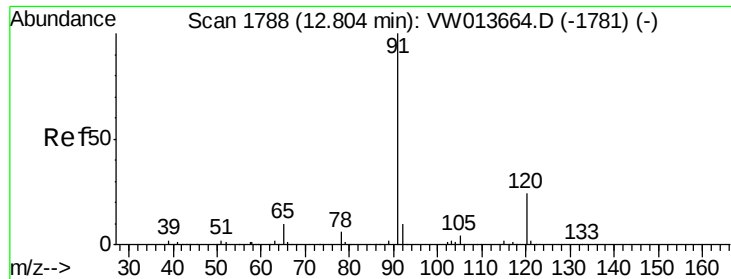
Tot Ion: 75 Resp: 3397
 Ion Ratio Lower Upper
 75 100
 77 4407.4 0.0 0.0#



#77
 Bromobenzene
 Concen: 2.250 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.02 min
 Lab File: VW014005.D
 Acq: 13 Nov 2019 14:32

Tgt Ion: 156 Resp: 14248
 Ion Ratio Lower Upper
 156 100
 77 0.0 82.9 248.7#
 158 0.7 48.4 145.2#

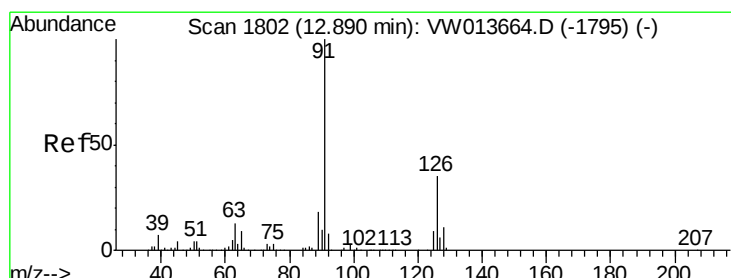
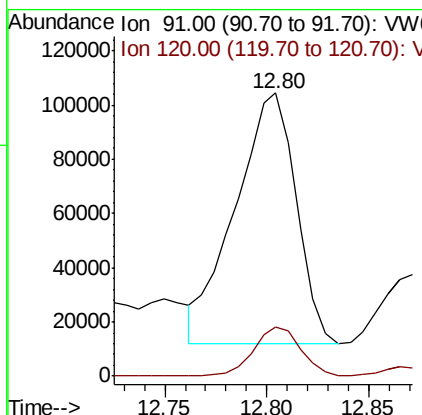
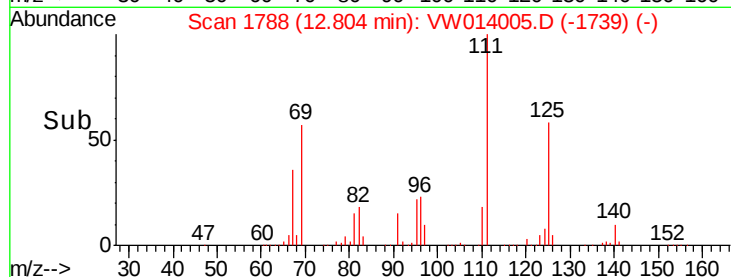
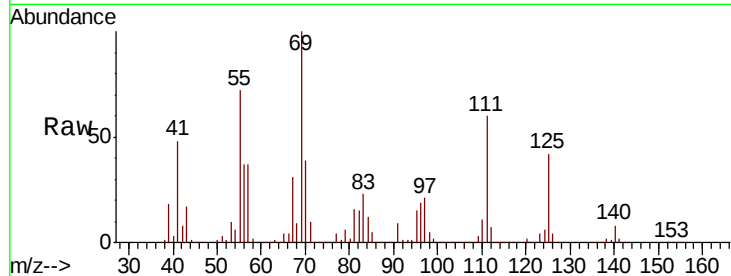




#78
n-propylbenzene
Concen: 6.228 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW014005.D
Acq: 13 Nov 2019 14:32

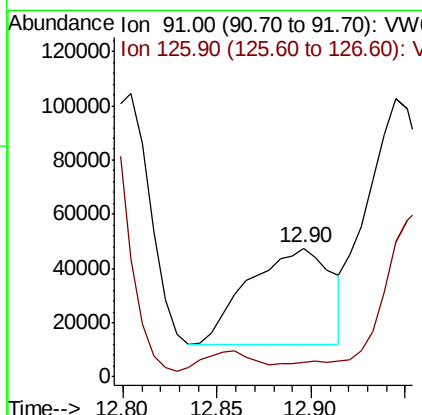
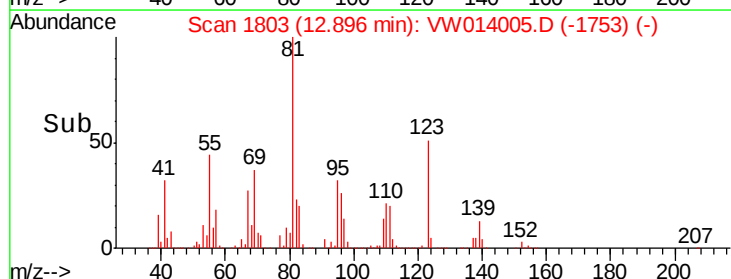
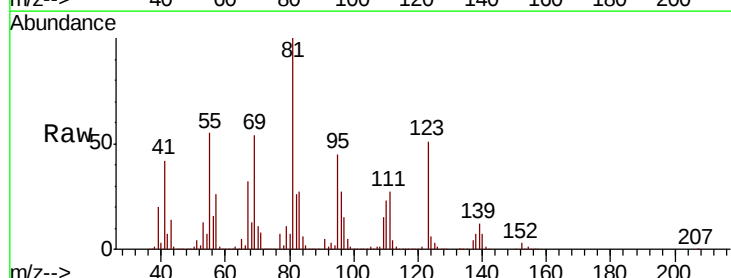
Instrument :
MSVOA_W
ClientSampleId :

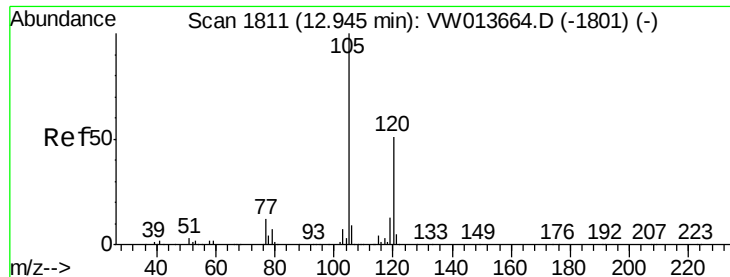
Tot Ion: 91 Resp: 191102
Ion Ratio Lower Upper
91 100
120 15.3 12.0 36.0



#79
2-Chlorotoluene
Concen: 6.228 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.01 min
Lab File: VW014005.D
Acq: 13 Nov 2019 14:32

Tgt Ion: 91 Resp: 107393
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.2#

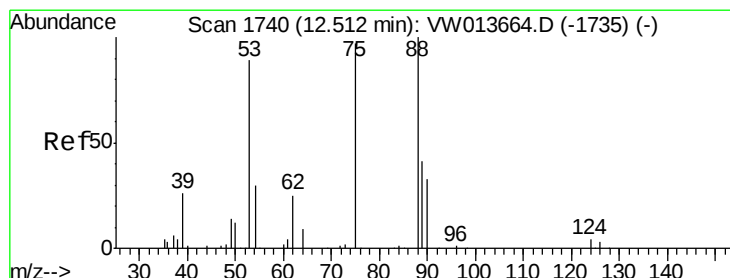
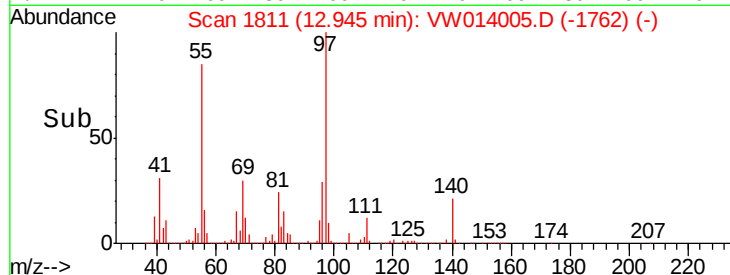
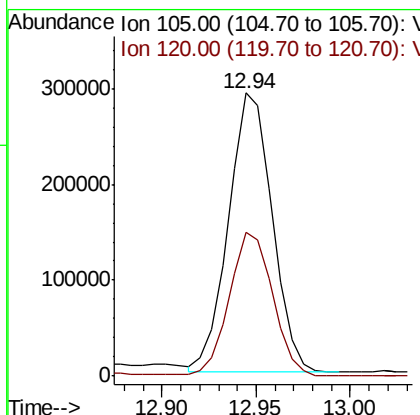
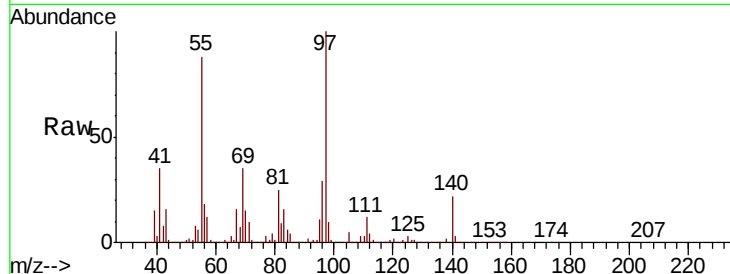




#80
 1,3,5-Trimethylbenzene
 Concen: 20.900 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW014005.D
 Acq: 13 Nov 2019 14:32

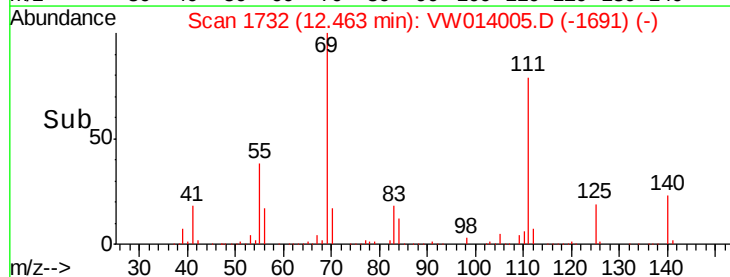
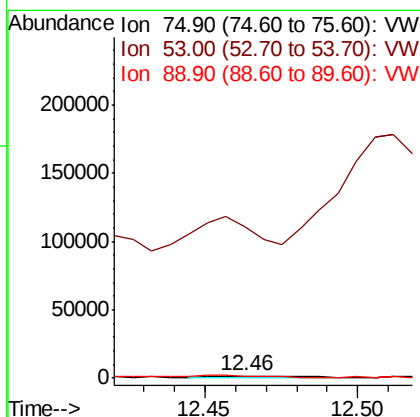
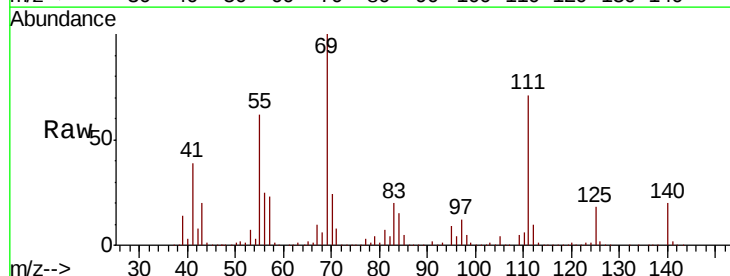
Instrument :
 MSVOA_W
 ClientSampleId :

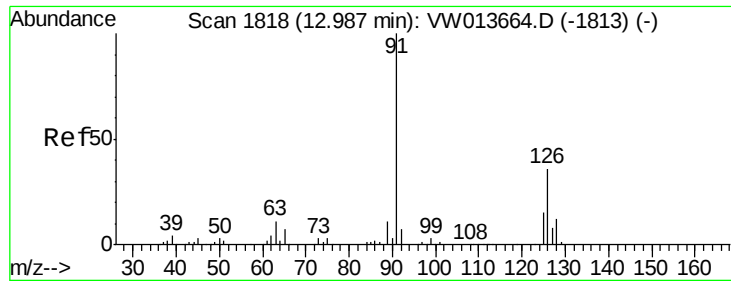
Tot Ion:105 Resp: 467735
 Ion Ratio Lower Upper
 105 100
 120 51.5 25.1 75.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 1.009 ug/l
 RT: 12.46 min Scan# 1732
 Delta R.T. -0.05 min
 Lab File: VW014005.D
 Acq: 13 Nov 2019 14:32

Tgt Ion: 75 Resp: 1416
 Ion Ratio Lower Upper
 75 100
 53 1609.9 71.7 107.5#
 89 200.4 35.8 53.8#





#82

4-Chlorotoluene

Concen: 1.916 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW014005.D

Acq: 13 Nov 2019 14:32

Instrument :

MSVOA_W

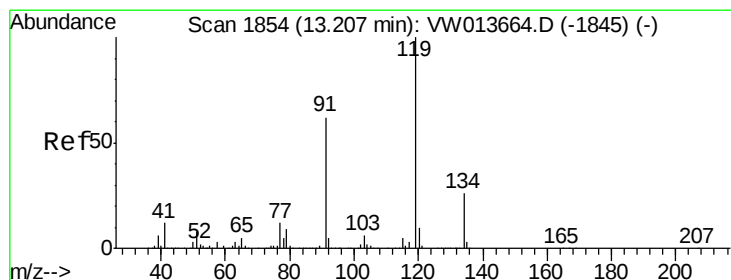
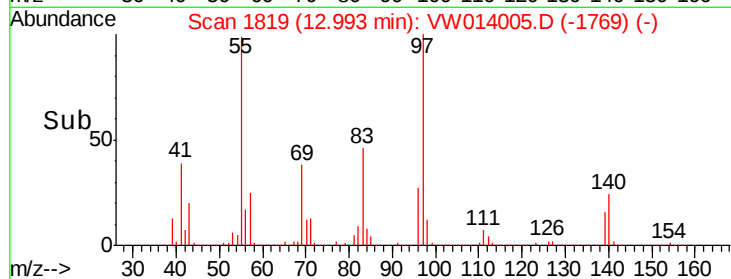
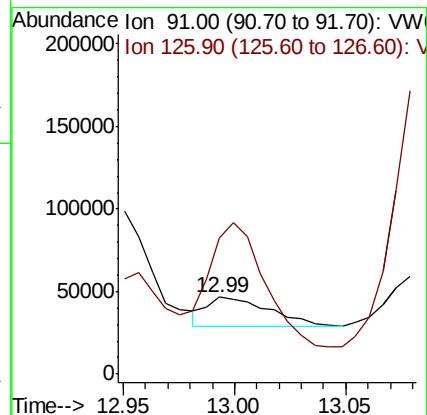
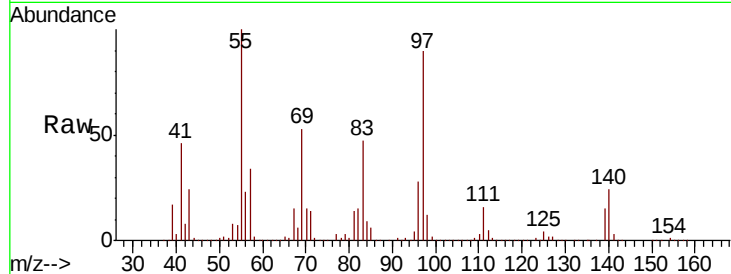
ClientSampleId :

Tot Ion: 91 Resp: 34682

Ion Ratio Lower Upper

91 100

126 389.2 17.2 51.5#



#83

tert-Butylbenzene

Concen: 9.645 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW014005.D

Acq: 13 Nov 2019 14:32

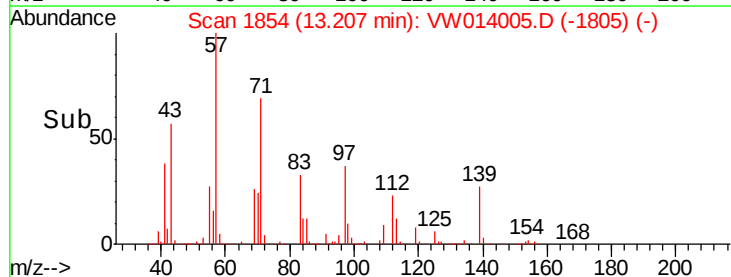
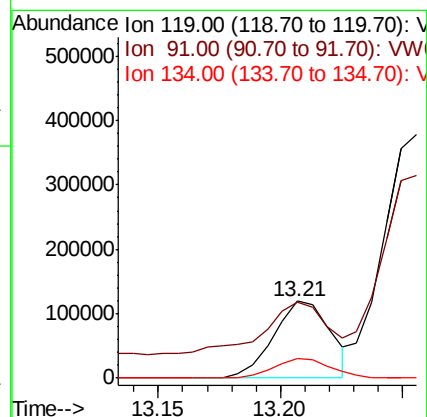
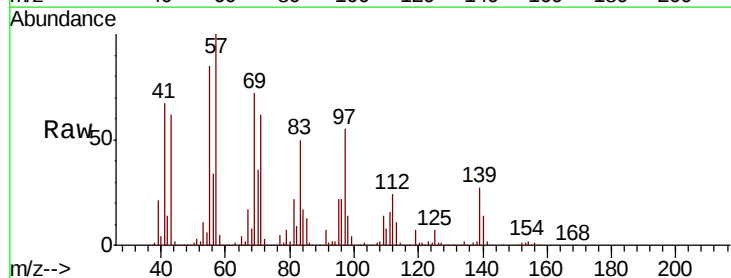
Tgt Ion: 119 Resp: 191594

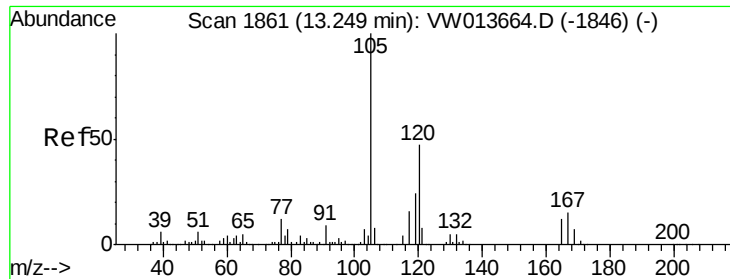
Ion Ratio Lower Upper

119 100

91 78.1 30.4 91.3

134 25.9 13.6 40.8

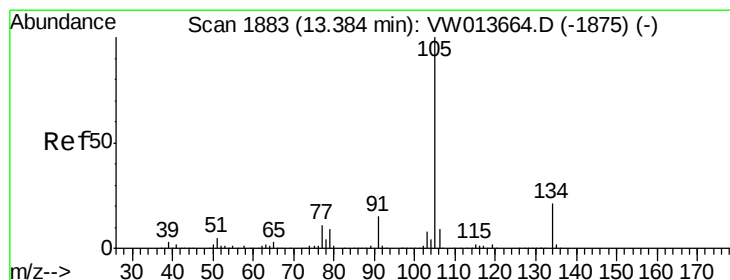
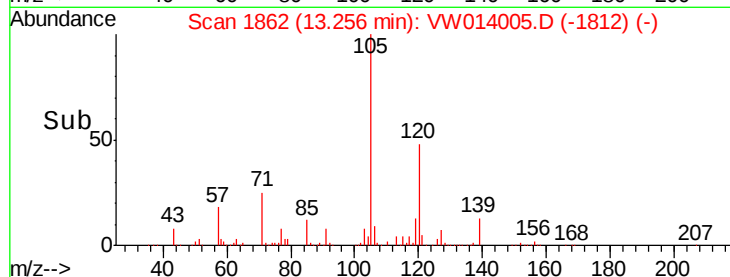
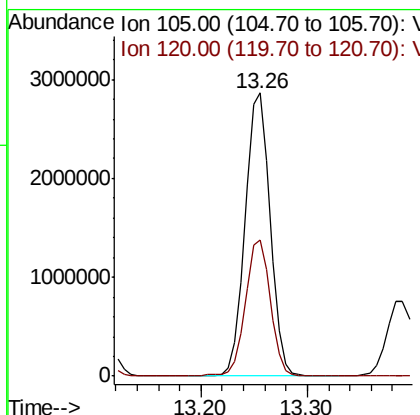
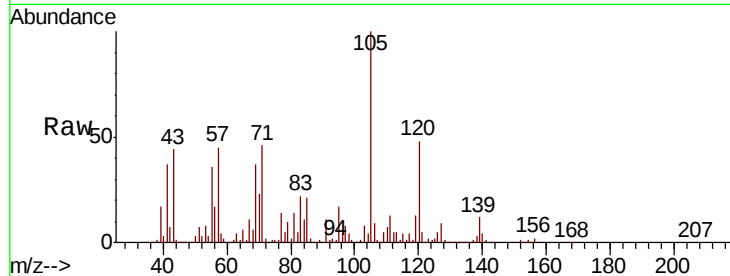




#84
 1,2,4-Trimethylbenzene
 Concen: 213.051 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VW014005.D
 Acq: 13 Nov 2019 14:32

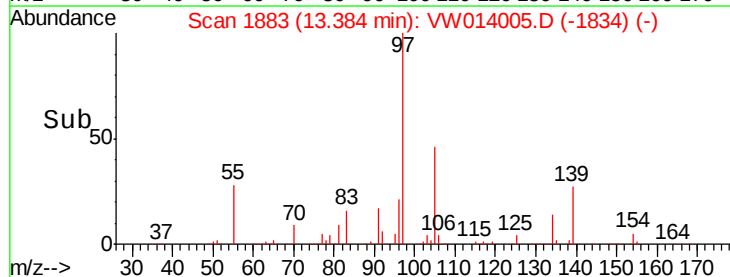
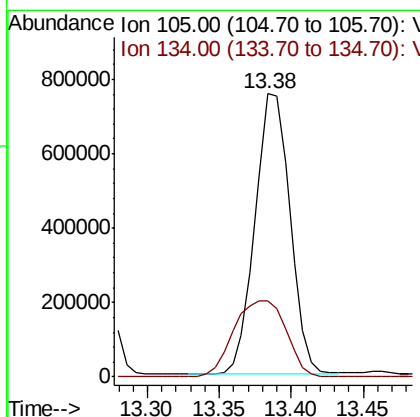
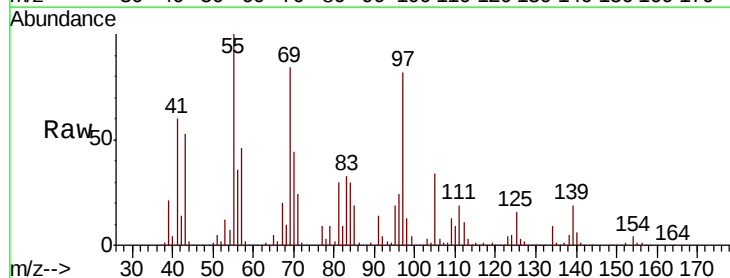
Instrument :
 MSVOA_W
 ClientSampleId :

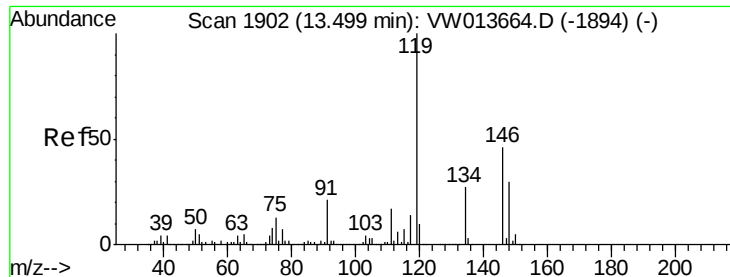
Tot Ion:105 Resp: 4703401
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.5 70.5



#85
 sec-Butylbenzene
 Concen: 47.004 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW014005.D
 Acq: 13 Nov 2019 14:32

Tgt Ion:105 Resp: 1276858
 Ion Ratio Lower Upper
 105 100
 134 40.6 10.5 31.5#

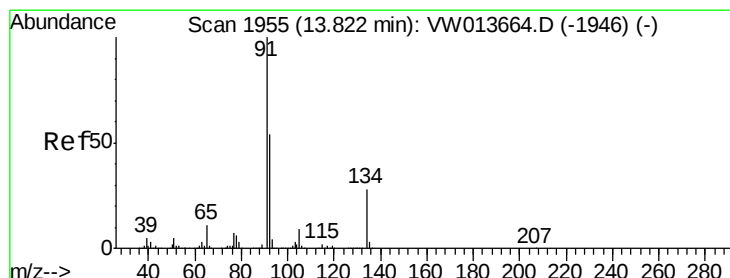
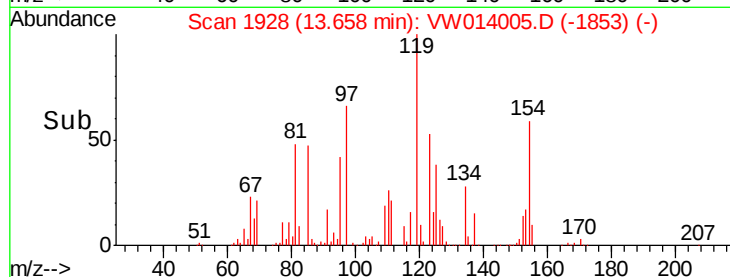
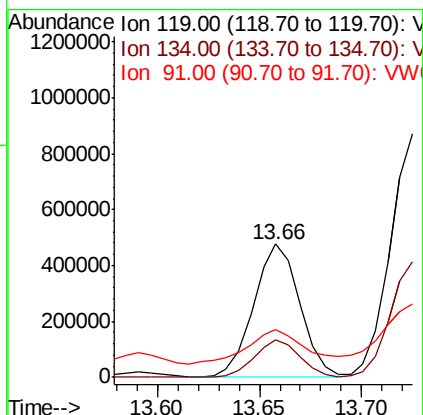
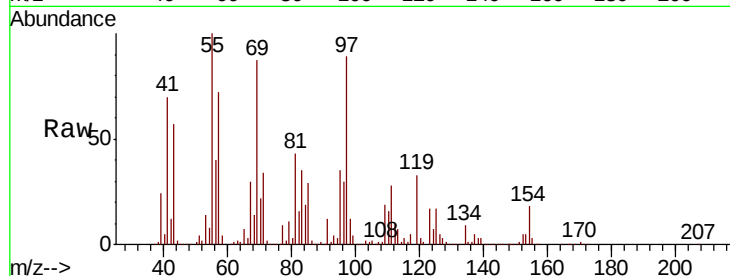




#86
p-Isopropyltoluene
Concen: 29.325 ug/l
RT: 13.66 min Scan# 1928
Delta R.T. 0.16 min
Lab File: VW014005.D
Acq: 13 Nov 2019 14:32

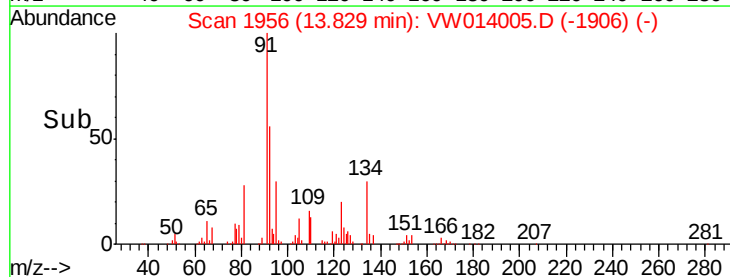
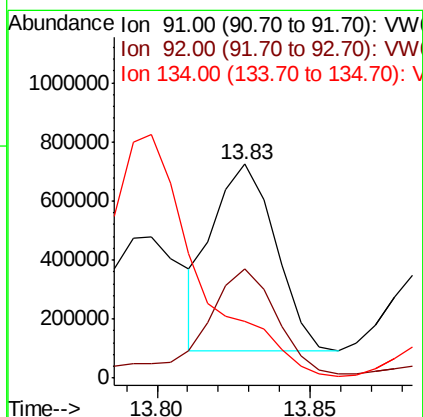
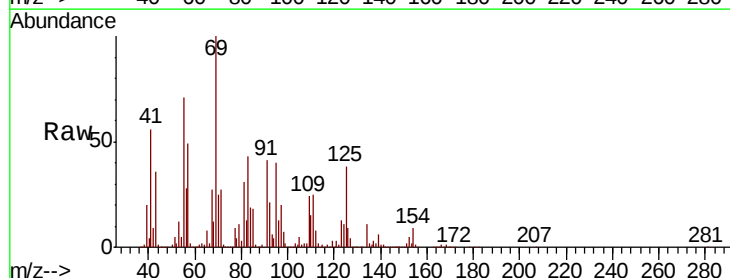
Instrument :
MSVOA_W
ClientSampled :

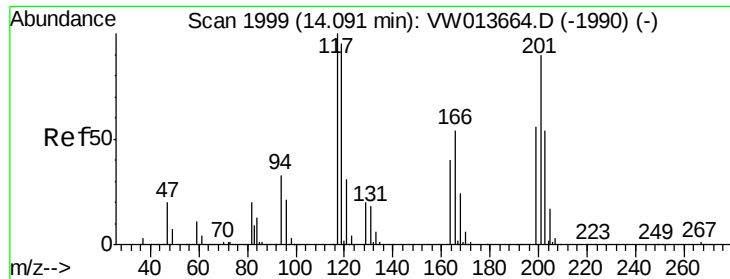
Tot Ion: 119 Resp: 742053
Ion Ratio Lower Upper
119 100
134 27.9 13.4 40.1
91 31.2 10.8 32.3



#89
n-Butylbenzene
Concen: 39.447 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.01 min
Lab File: VW014005.D
Acq: 13 Nov 2019 14:32

Tgt Ion: 91 Resp: 900991
Ion Ratio Lower Upper
91 100
92 67.4 27.5 82.4
134 0.0 14.0 41.9#

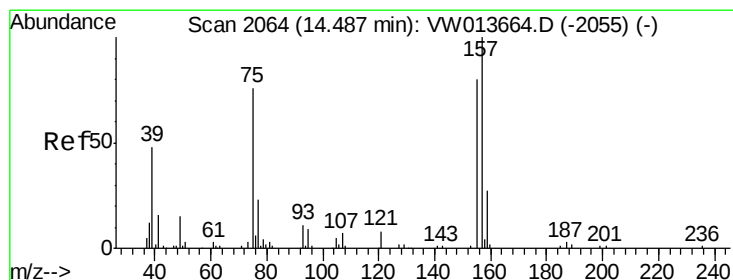
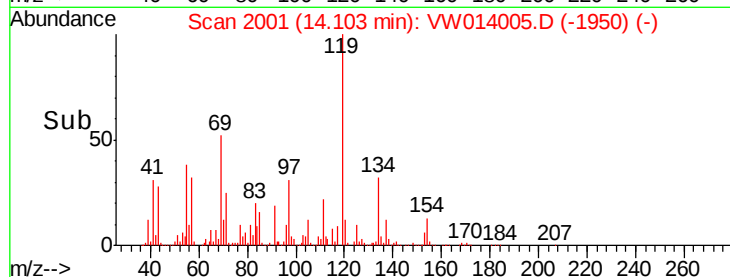
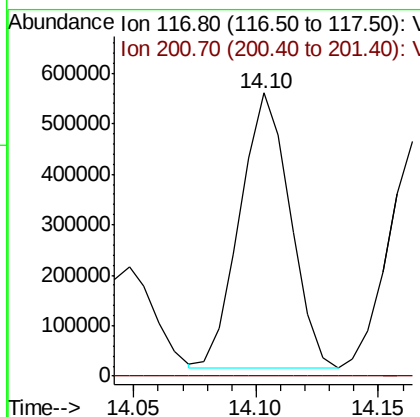
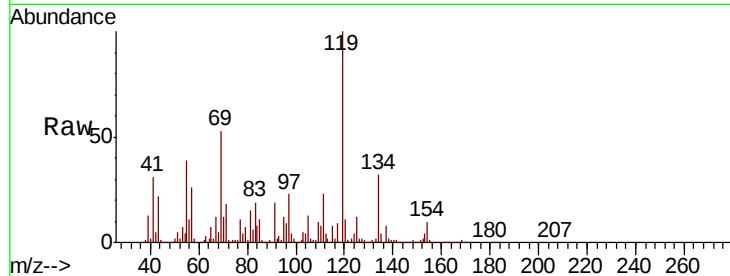




#90
Hexachloroethane
Concen: 176.967 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW014005.D
Acq: 13 Nov 2019 14:32

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 778364
Ion Ratio Lower Upper
117 100
201 0.0 46.1 138.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.060 ug/l
RT: 14.51 min Scan# 2067
Delta R.T. 0.02 min
Lab File: VW014005.D
Acq: 13 Nov 2019 14:32

Tgt Ion: 75 Resp: 15221
Ion Ratio Lower Upper
75 100
155 0.0 51.9 155.7#
157 0.4 64.8 194.3#

