

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061419\
 Data File : VW010809.D
 Acq On : 14 Jun 2019 12:55
 Operator : SY/VA
 Sample : K3373-05
 Misc : 5.06G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 13803-13804

Quant Time: Jun 14 15:55:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	124034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	208409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	157810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	64697	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	62592	42.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.62%	
35) Dibromofluoromethane	7.88	113	43404	38.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.74%	
50) Toluene-d8	10.32	98	160494	32.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.70%	
62) 4-Bromofluorobenzene	12.62	95	79989	44.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.62%	

Target Compounds

						Qvalue
10) Methyl Iodide	4.27	142	365	5.056	ug/l #	67
11) Tert butyl alcohol	5.18	59	1057	8.875	ug/l #	72
13) Acrolein	3.91	56	106	2.178	ug/l #	14
16) Acetone	4.12	43	63346	161.709	ug/l	99
17) Carbon Disulfide	4.38	76	11515	3.024	ug/l	99
18) Methyl Acetate	4.70	43	2376	2.818	ug/l #	55
20) Methylene Chloride	4.92	84	6943	5.052	ug/l	92
25) 2-Butanone	7.17	43	29269	53.884	ug/l	100
29) Tetrahydrofuran	7.54	42	812	2.377	ug/l #	74
31) Cyclohexane	7.93	56	17746	6.016	ug/l #	69
36) 1,1-Dichloropropene	7.95	75	11486	5.384	ug/l #	51
37) Ethyl Acetate	7.17	43	29269	24.759	ug/l #	76
38) Carbon Tetrachloride	7.95	117	12860	6.983	ug/l #	17
39) Methylcyclohexane	9.34	83	16185	5.968	ug/l #	1
43) Isopropyl Acetate	8.42	43	6173	2.703	ug/l #	55
47) Bromodichloromethane	9.62	83	6987	3.767	ug/l #	32
48) Methyl methacrylate	9.47	41	5217	4.738	ug/l #	34
51) 4-Methyl-2-Pentanone	10.25	43	64936	55.655	ug/l #	83
52) Toluene	10.39	92	10994	3.070	ug/l	97
55) 1,1,2-Trichloroethane	10.76	97	36816	35.715	ug/l #	36
56) Ethyl methacrylate	10.66	69	13427	8.465	ug/l #	20
58) 2-Chloroethyl Vinyl ether	9.90	63	1179	1.419	ug/l #	50
59) 2-Hexanone	10.94	43	492652	584.239	ug/l #	33
60) Dibromochloromethane	11.04	129	1444	1.264	ug/l	80
67) Ethyl Benzene	11.73	91	9061	1.519	ug/l	91
68) m/p-Xylenes	11.83	106	6916	3.239	ug/l	78
69) o-Xylene	12.16	106	4956	2.448	ug/l	76
73) Isopropylbenzene	12.47	105	11536	2.373	ug/l	77
74) N-amyl acetate	12.26	43	393297	250.309	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.69	83	15252	16.479	ug/l #	21
76) 1,2,3-Trichloropropane	12.62	75	25993	38.258	ug/l #	100
78) n-propylbenzene	12.80	91	25649	4.375	ug/l	93
79) 2-Chlorotoluene	12.87	91	3769	1.125	ug/l #	64
80) 1,3,5-Trimethylbenzene	12.94	105	8598	2.161	ug/l	93

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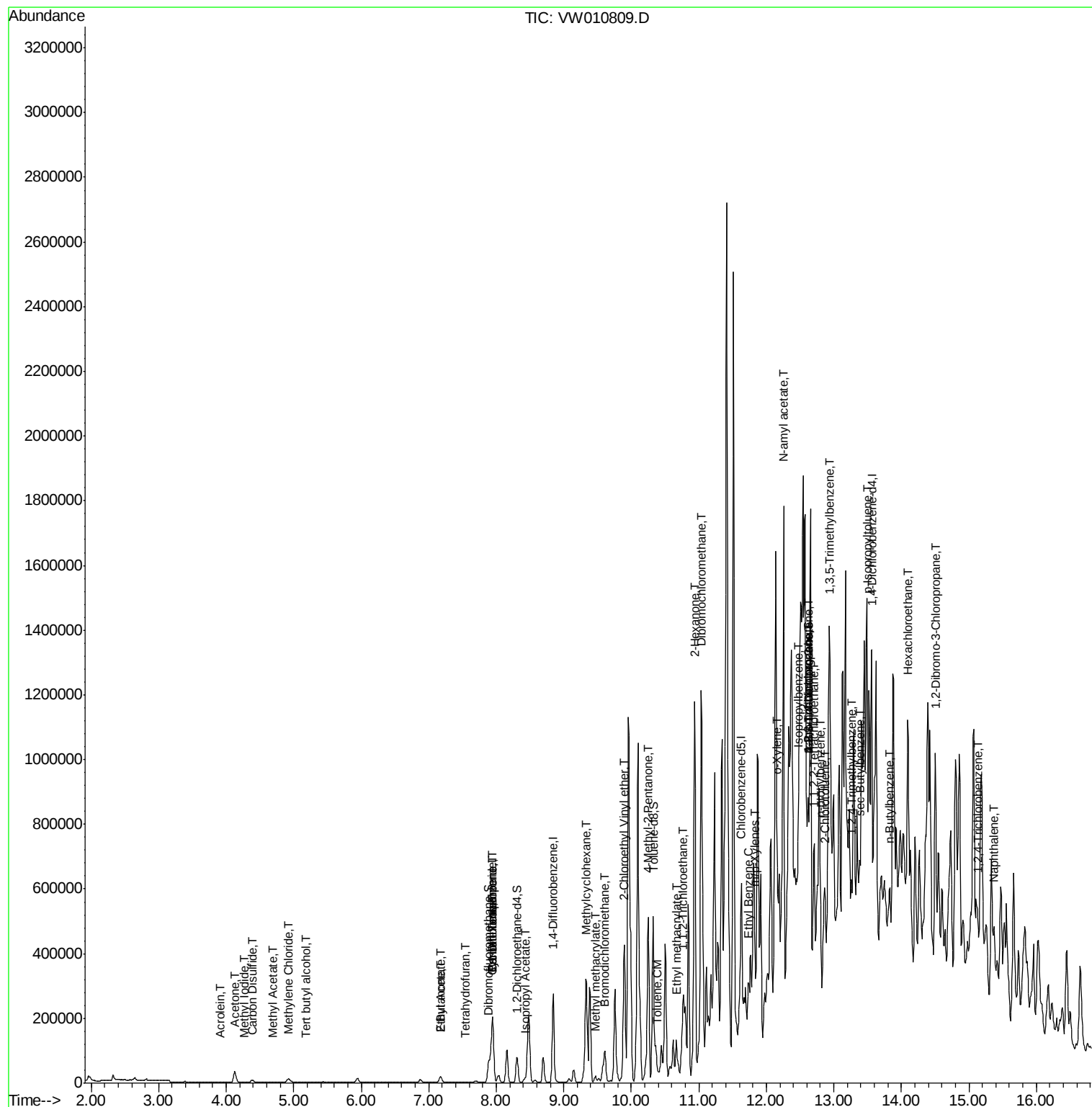
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.62	75	25993	87.930	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.26	105	28079	7.012	ug/l	99
85) sec-Butylbenzene	13.38	105	16540	3.364	ug/l #	50
86) p-Isopropyltoluene	13.50	119	16722	3.803	ug/l #	76
89) n-Butylbenzene	13.83	91	66065	15.058	ug/l #	78
90) Hexachloroethane	14.10	117	20782	26.391	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.50	75	1498	9.425	ug/l #	31
93) 1,2,4-Trichlorobenzene	15.14	180	1547	1.198	ug/l #	1
95) Naphthalene	15.37	128	59710	25.446	ug/l #	93

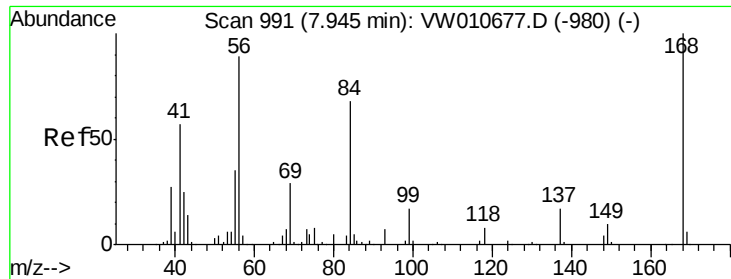
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW061419\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010809.D

Acq: 14 Jun 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

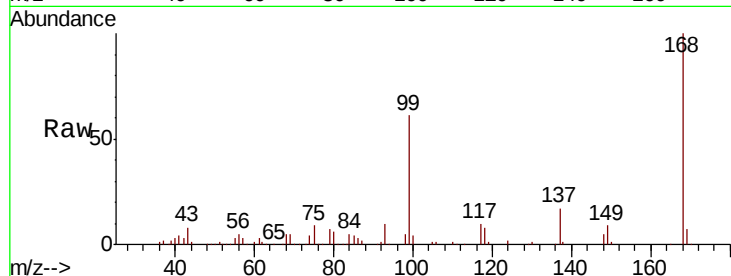
13803-13804

Tgt Ion:168 Resp: 124034

Ion Ratio Lower Upper

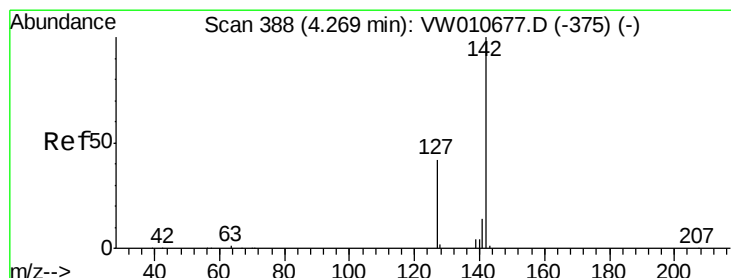
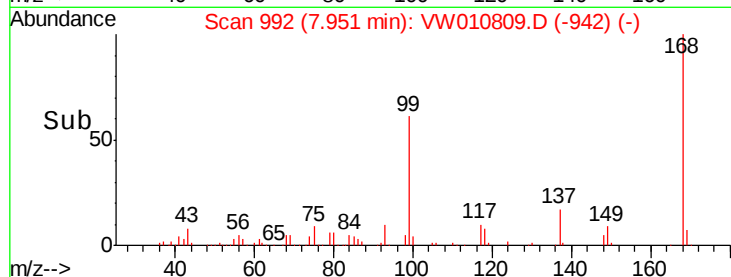
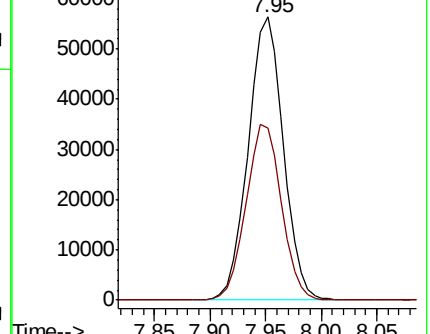
168 100

99 60.7 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#10

Methyl Iodide

Concen: 5.056 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW010809.D

Acq: 14 Jun 2019 12:55

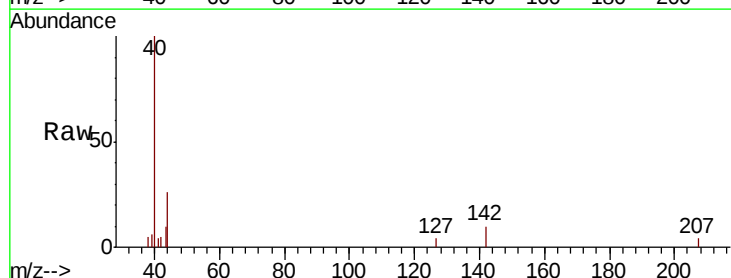
Tgt Ion:142 Resp: 365

Ion Ratio Lower Upper

142 100

127 20.0 34.6 51.8#

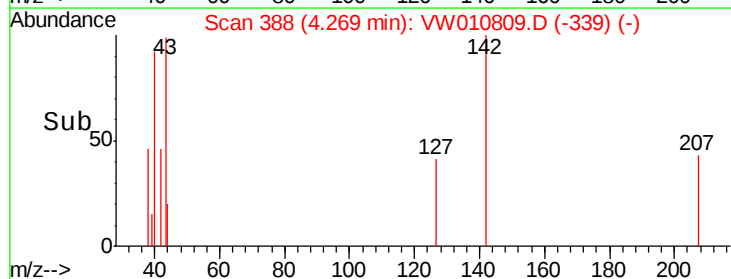
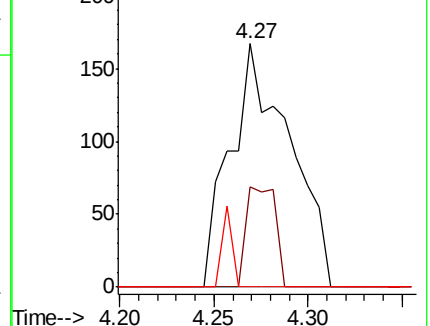
141 5.5 11.6 17.4#

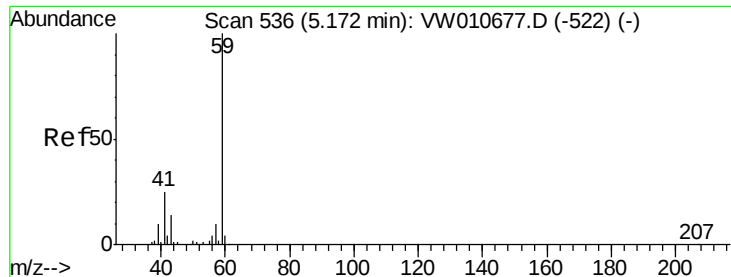


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



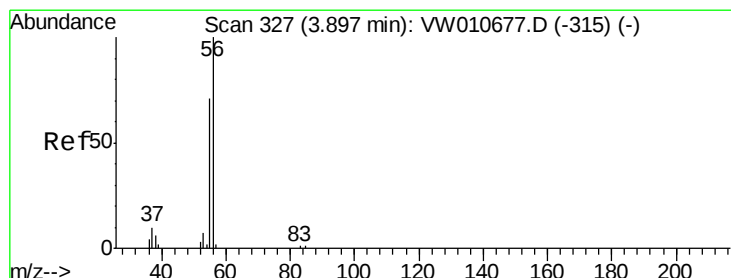
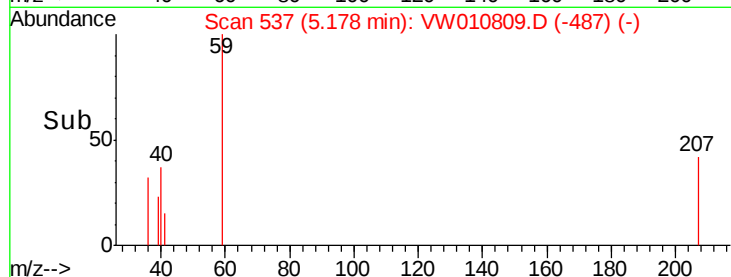
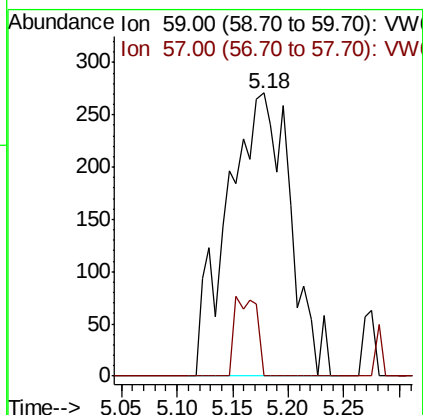
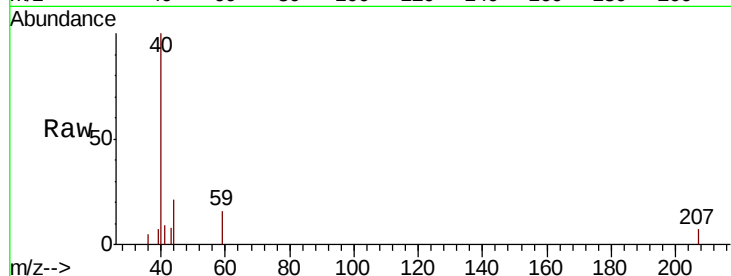


#11

Tert butyl alcohol
 Concen: 8.875 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW010809.D
 Acq: 14 Jun 2019 12:55

Instrument :
 MSVOA_W
 ClientSampleId :
 13803-13804

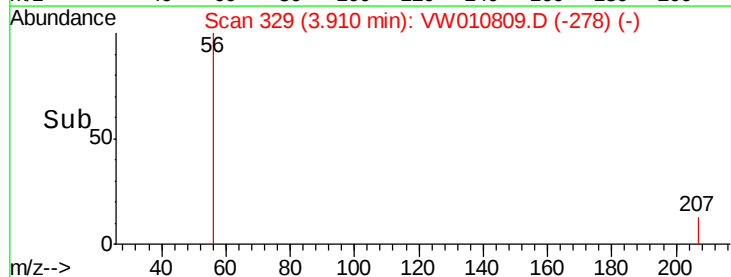
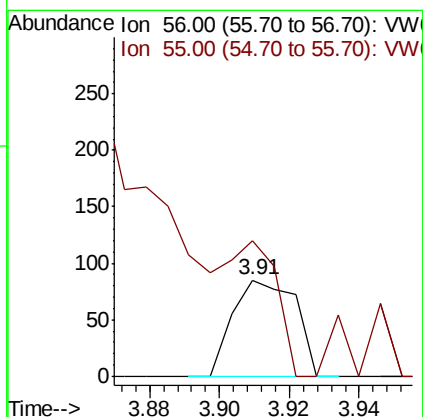
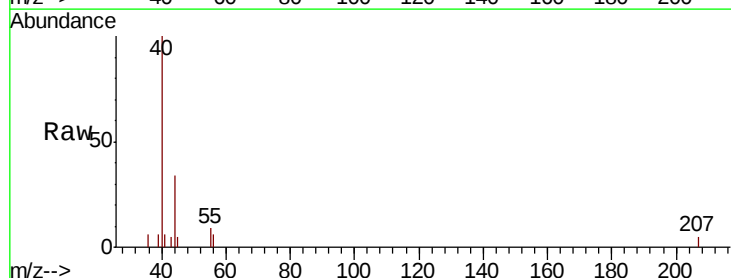
Tgt Ion: 59 Resp: 1057
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

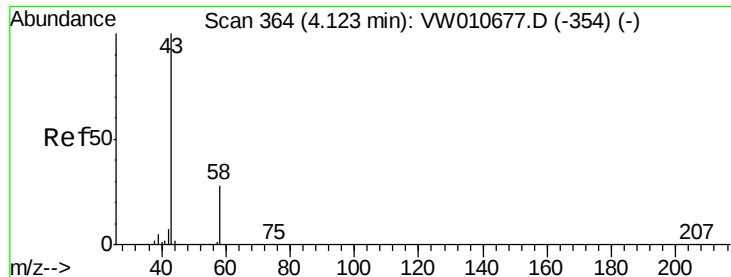


#13

Acrolein
 Concen: 2.178 ug/l
 RT: 3.91 min Scan# 329
 Delta R.T. 0.01 min
 Lab File: VW010809.D
 Acq: 14 Jun 2019 12:55

Tgt Ion: 56 Resp: 106
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.6 86.4#





#16

Acetone

Concen: 161.709 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010809.D

Acq: 14 Jun 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

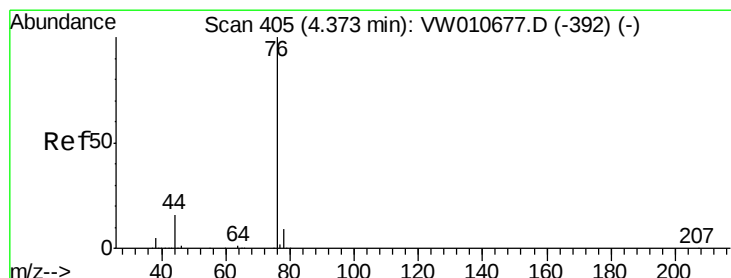
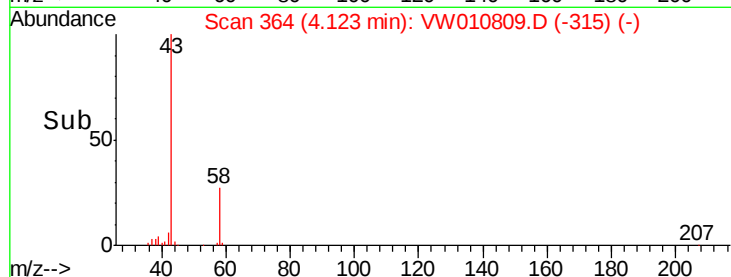
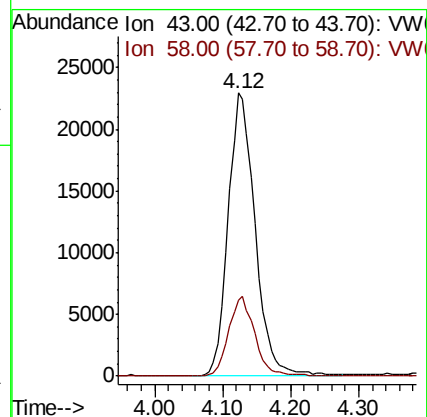
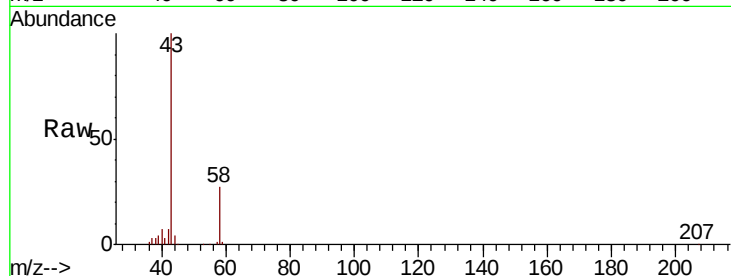
13803-13804

Tgt Ion: 43 Resp: 63346

Ion Ratio Lower Upper

43 100

58 27.1 22.1 33.1



#17

Carbon Disulfide

Concen: 3.024 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW010809.D

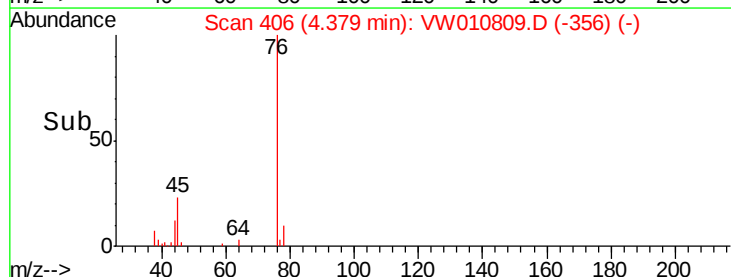
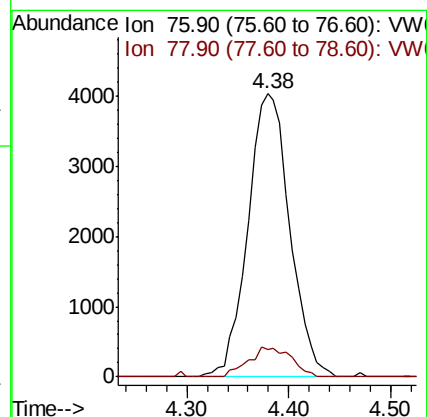
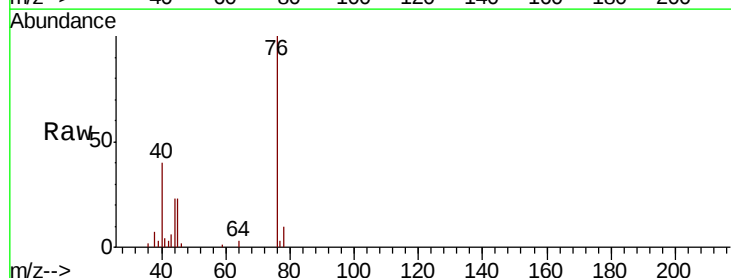
Acq: 14 Jun 2019 12:55

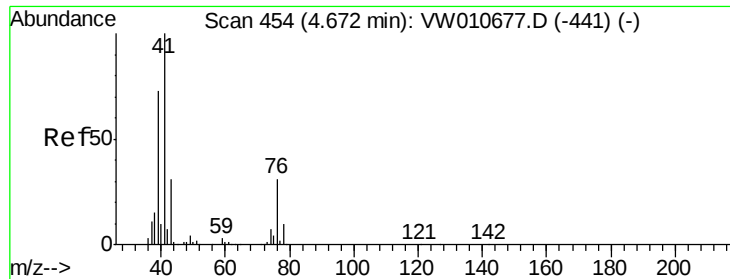
Tgt Ion: 76 Resp: 11515

Ion Ratio Lower Upper

76 100

78 9.9 7.5 11.3

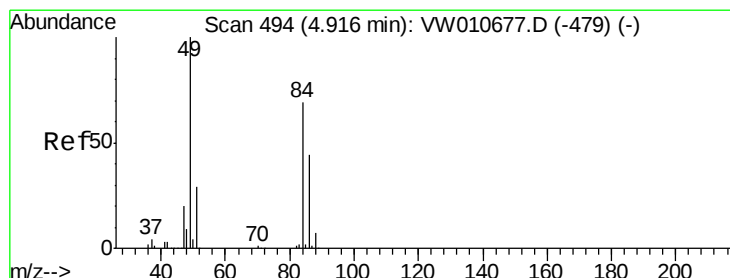
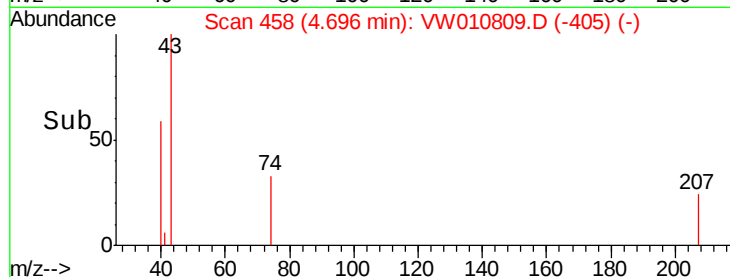
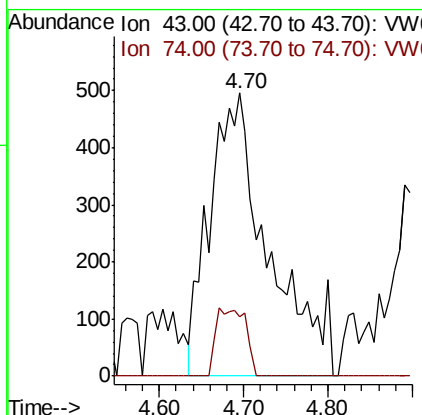
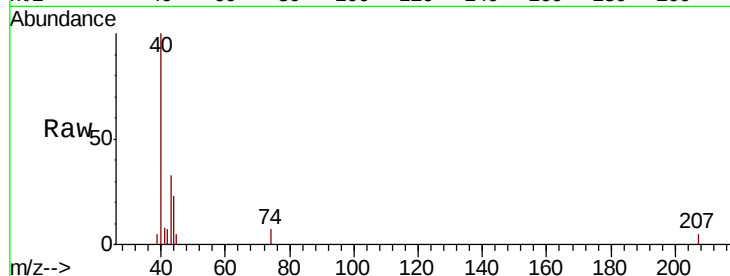




#18
Methyl Acetate
Concen: 2.818 ug/l
RT: 4.70 min Scan# 458
Delta R.T. 0.02 min
Lab File: VW010809.D
Acq: 14 Jun 2019 12:55

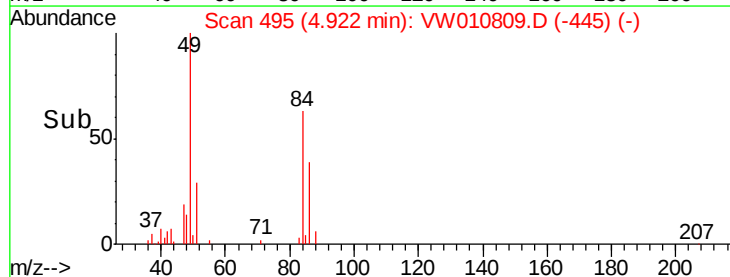
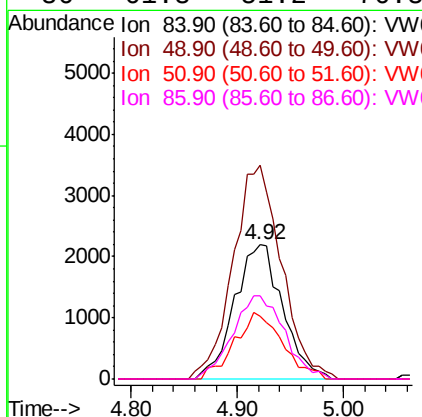
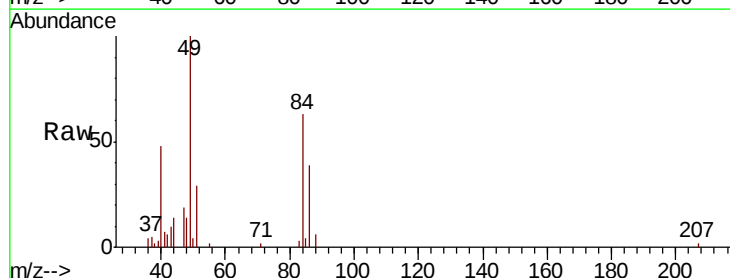
Instrument :
MSVOA_W
ClientSampled :
13803-13804

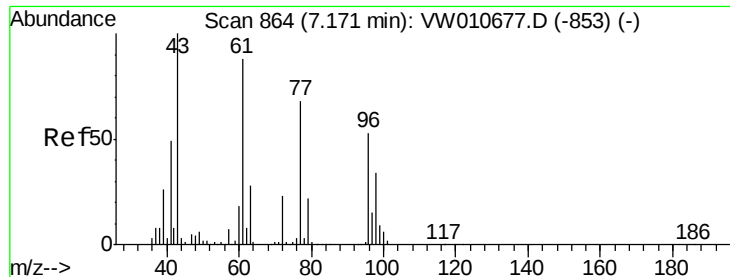
Tgt Ion: 43 Resp: 2376
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 5.052 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW010809.D
Acq: 14 Jun 2019 12:55

Tgt Ion: 84 Resp: 6943
Ion Ratio Lower Upper
84 100
49 159.3 116.7 175.1
51 46.9 34.2 51.2
86 61.8 51.2 76.8





#25

2-Butanone

Concen: 53.884 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010809.D

Acq: 14 Jun 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

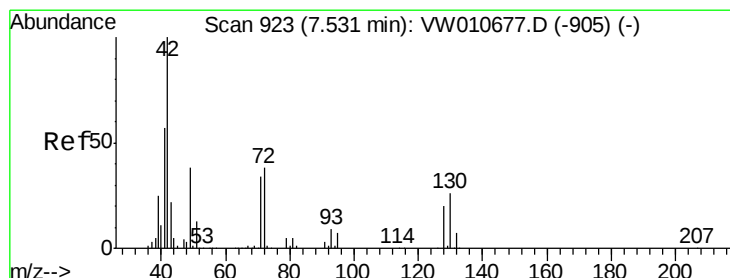
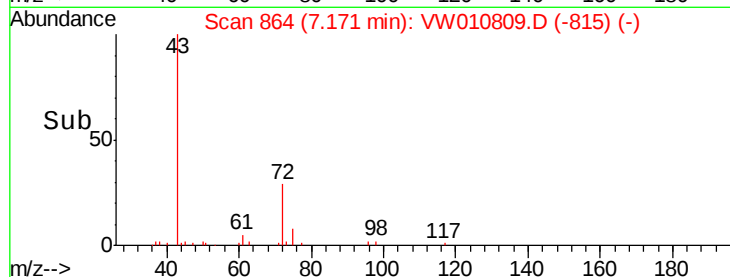
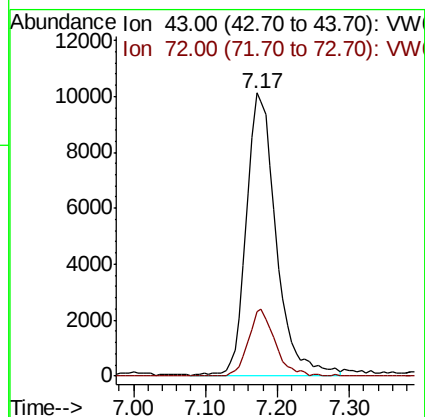
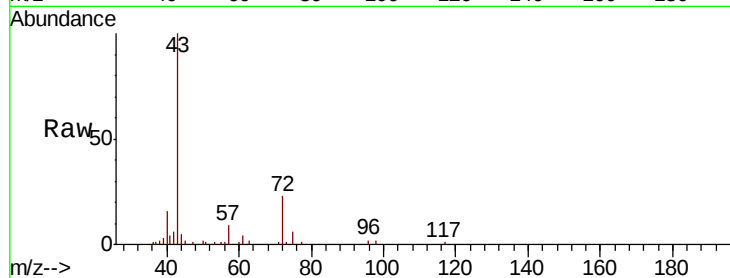
13803-13804

Tgt Ion: 43 Resp: 29269

Ion Ratio Lower Upper

43 100

72 22.8 18.1 27.1



#29

Tetrahydrofuran

Concen: 2.377 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW010809.D

Acq: 14 Jun 2019 12:55

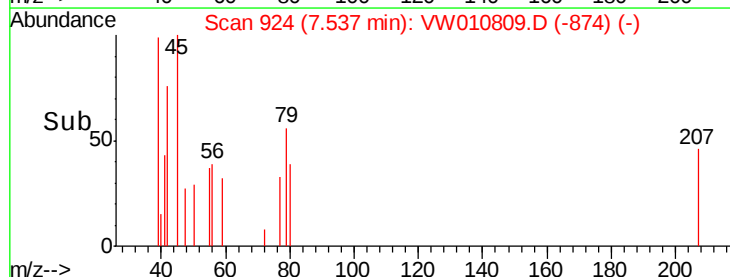
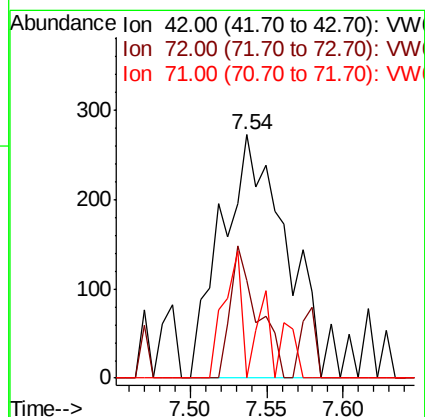
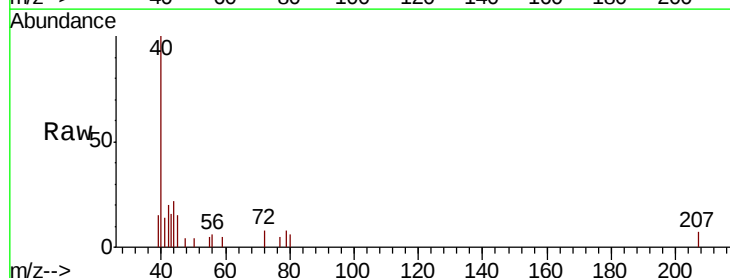
Tgt Ion: 42 Resp: 812

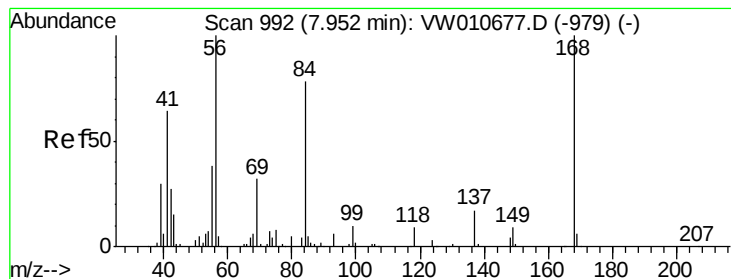
Ion Ratio Lower Upper

42 100

72 22.7 28.7 43.1#

71 16.3 26.6 39.8#





#31

Cyclohexane

Concen: 6.016 ug/l

RT: 7.93 min Scan# 989

Delta R.T. -0.02 min

Lab File: VW010809.D

Acq: 14 Jun 2019 12:55

Instrument :

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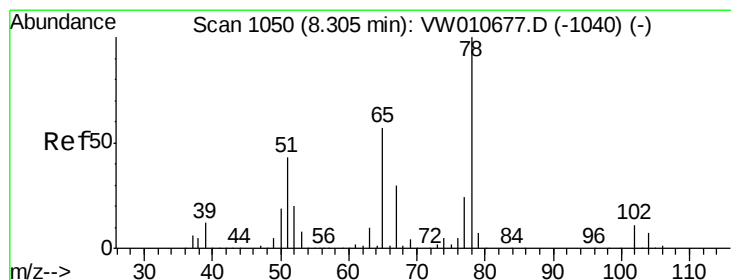
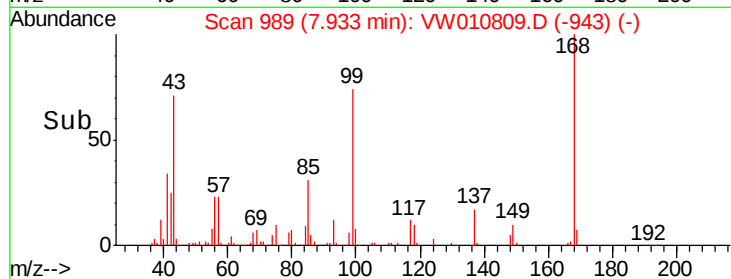
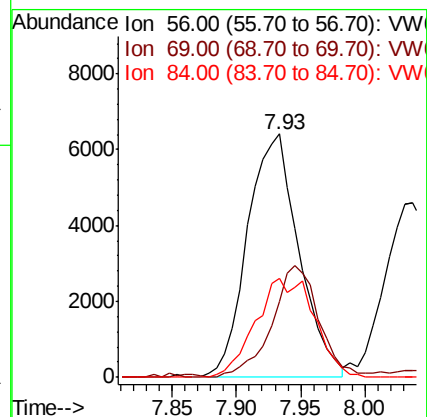
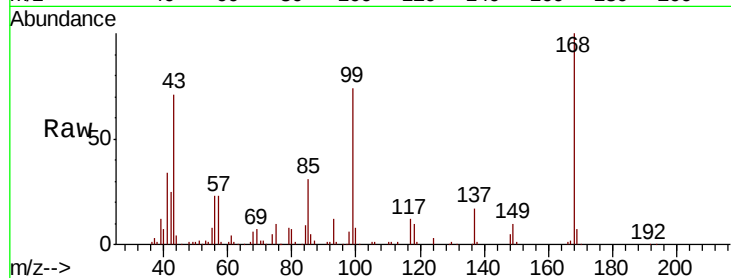
Tgt Ion: 56 Resp: 17746

Ion Ratio Lower Upper

56 100

69 29.6 25.2 37.8

84 40.7 62.2 93.2#



#33

1,2-Dichloroethane-d4

Concen: 42.814 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010809.D

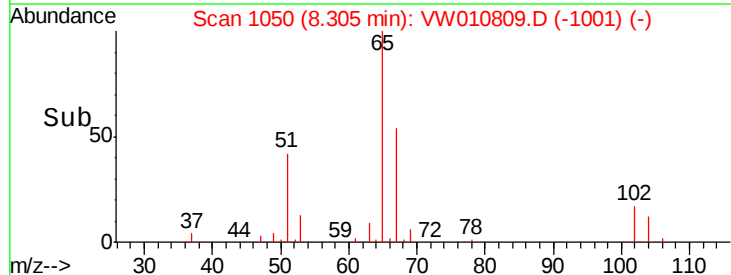
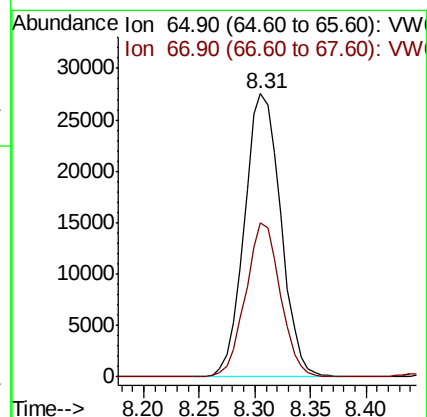
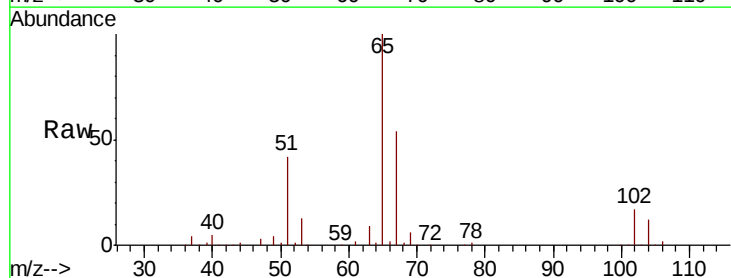
Acq: 14 Jun 2019 12:55

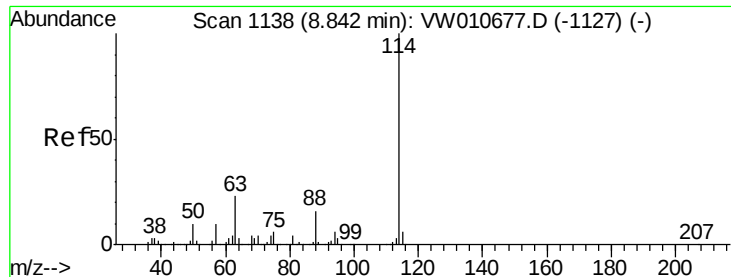
Tgt Ion: 65 Resp: 62592

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.6

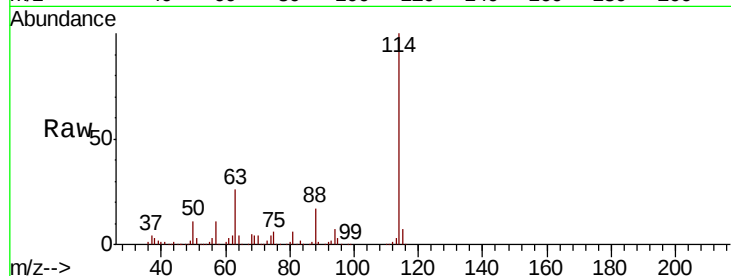




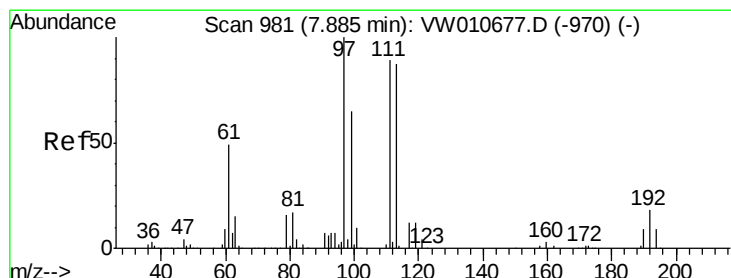
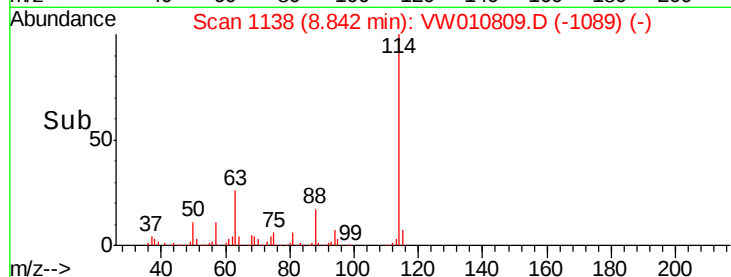
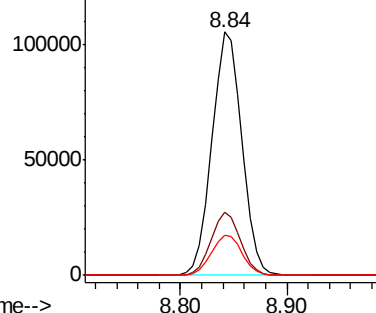
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010809.D
 Acq: 14 Jun 2019 12:55

Instrument :
 MSVOA_W
 ClientSampled :
 13803-13804

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.7	0.0	46.4
88	16.6	0.0	32.2

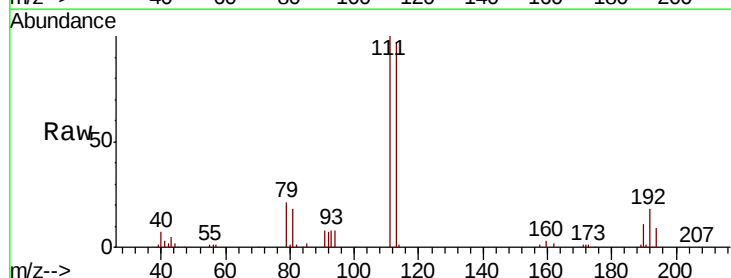


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

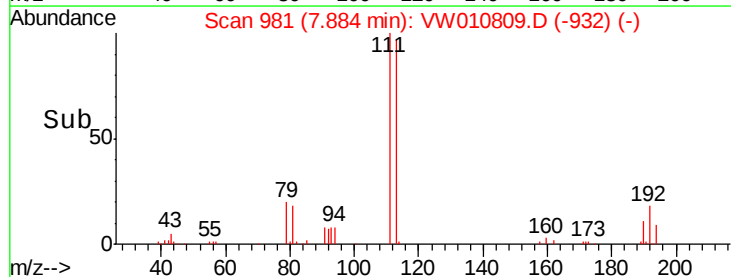
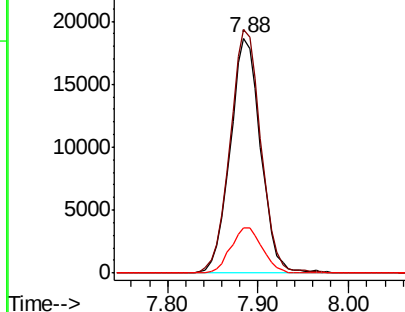


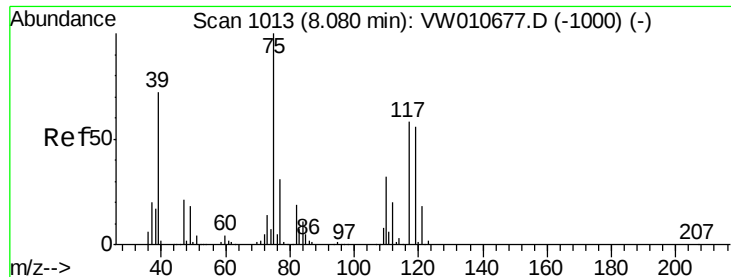
#35
 Dibromofluoromethane
 Concen: 38.370 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010809.D
 Acq: 14 Jun 2019 12:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.6	123.8
192	19.7	16.4	24.6



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

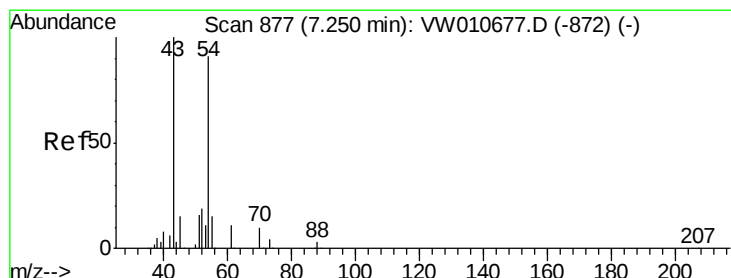
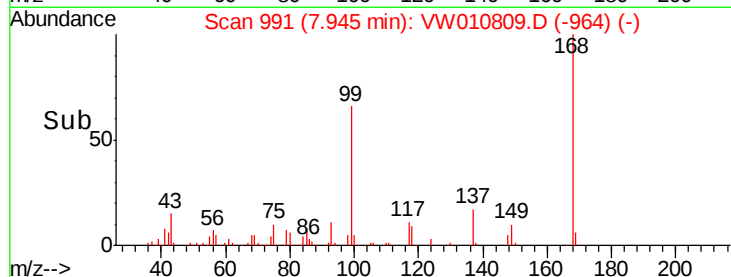
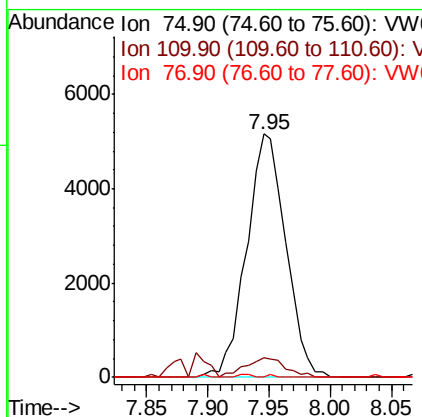
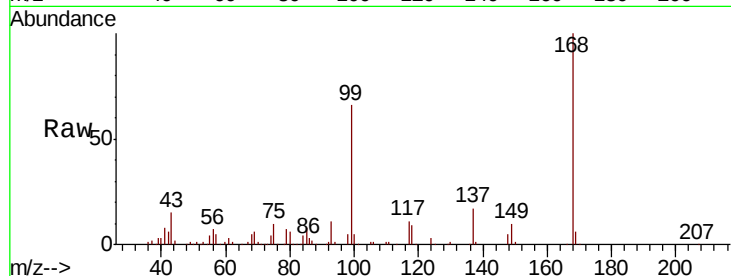




#36
 1,1-Dichloropropene
 Concen: 5.384 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010809.D
 Acq: 14 Jun 2019 12:55

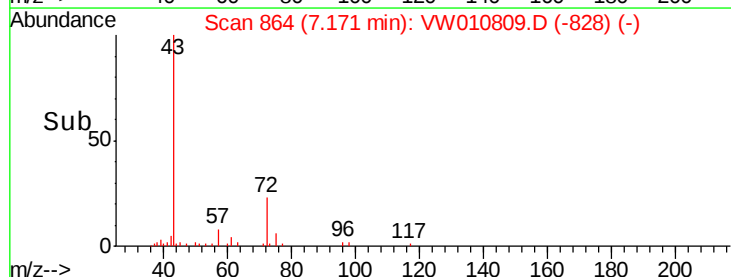
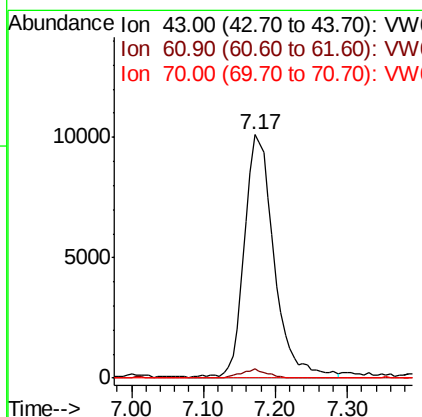
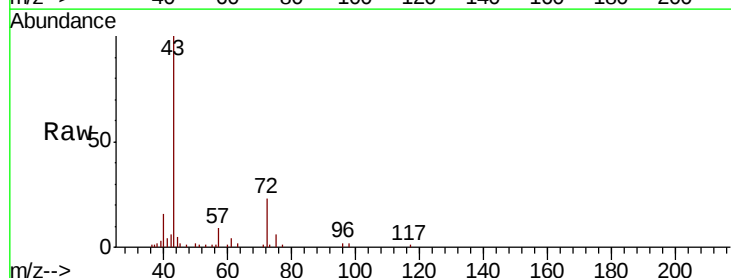
Instrument :
 MSVOA_W
 ClientSampleId :
 13803-13804

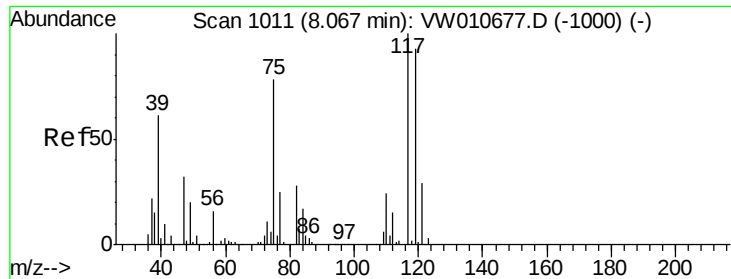
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.8	15.8	47.3#
77	0.2	24.7	37.1#



#37
 Ethyl Acetate
 Concen: 24.759 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.08 min
 Lab File: VW010809.D
 Acq: 14 Jun 2019 12:55

Tgt Ion	Ratio	Lower	Upper
43	100		
61	3.3	9.7	14.5#
70	0.0	7.2	10.8#





#38

Carbon Tetrachloride

Concen: 6.983 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW010809.D

Acq: 14 Jun 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

13803-13804

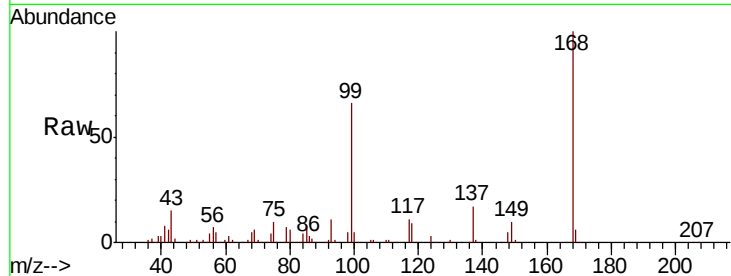
Tgt Ion:117 Resp: 12860

Ion Ratio Lower Upper

117 100

119 4.1 74.2 111.4#

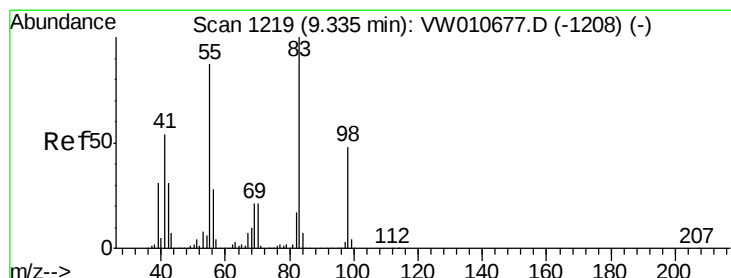
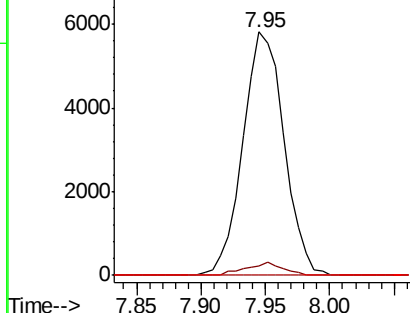
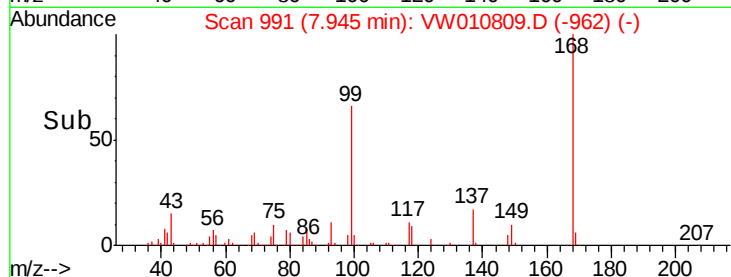
121 0.0 22.9 34.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 5.968 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW010809.D

Acq: 14 Jun 2019 12:55

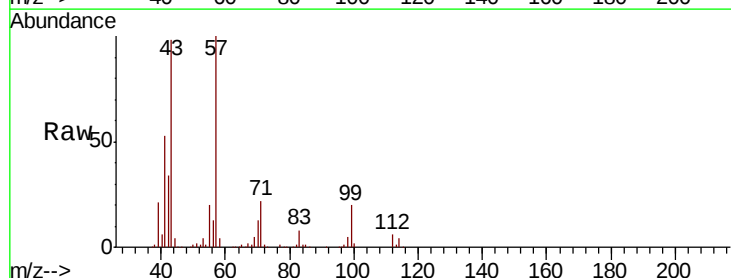
Tgt Ion: 83 Resp: 16185

Ion Ratio Lower Upper

83 100

55 263.1 70.0 105.0#

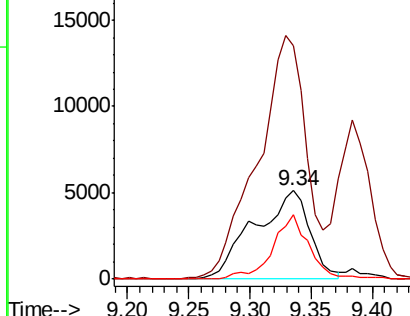
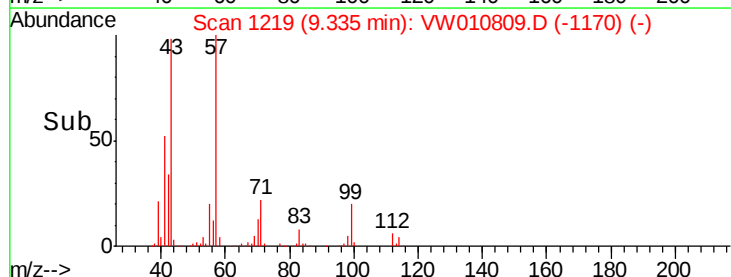
98 72.6 38.1 57.1#

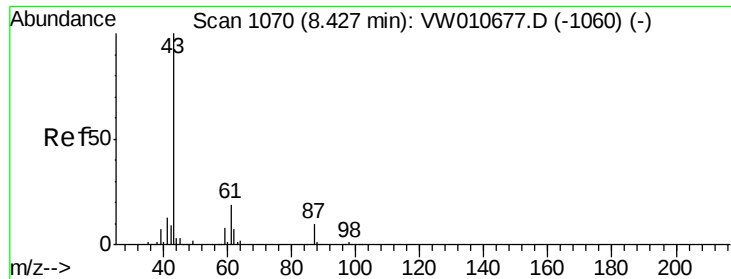


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#43

Isopropyl Acetate

Concen: 2.703 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW010809.D

Acq: 14 Jun 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

13803-13804

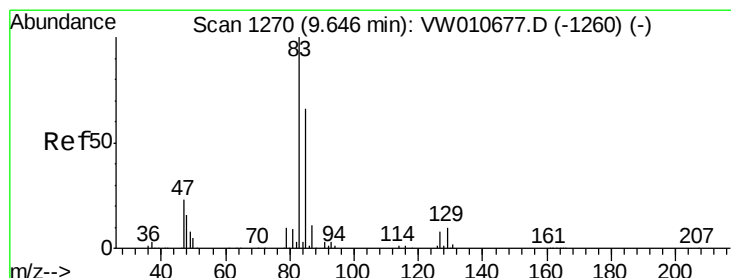
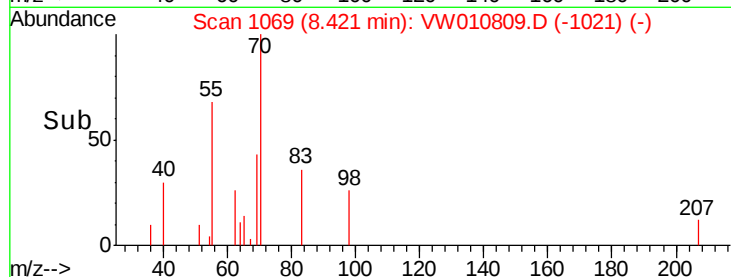
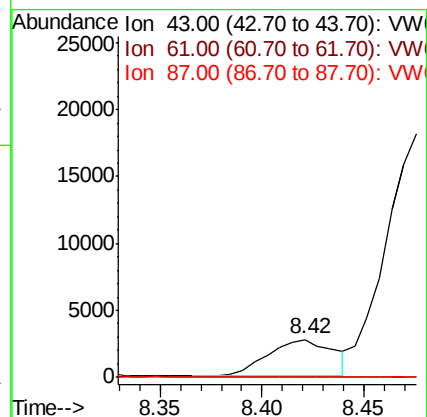
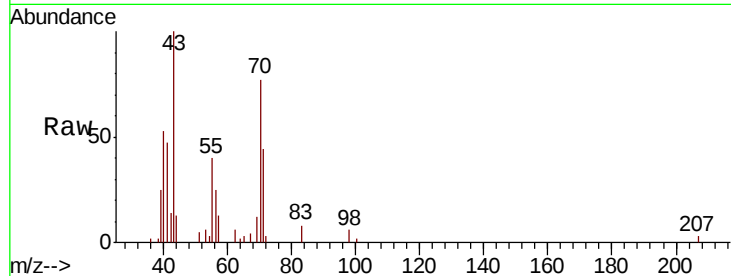
Tgt Ion: 43 Resp: 6173

Ion Ratio Lower Upper

43 100

61 0.0 21.2 31.8#

87 0.0 8.3 12.5#



#47

Bromodichloromethane

Concen: 3.767 ug/l

RT: 9.62 min Scan# 1265

Delta R.T. -0.03 min

Lab File: VW010809.D

Acq: 14 Jun 2019 12:55

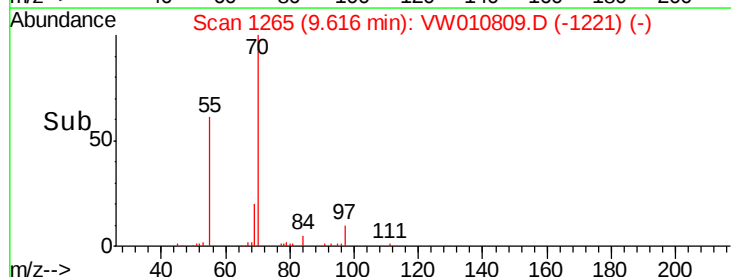
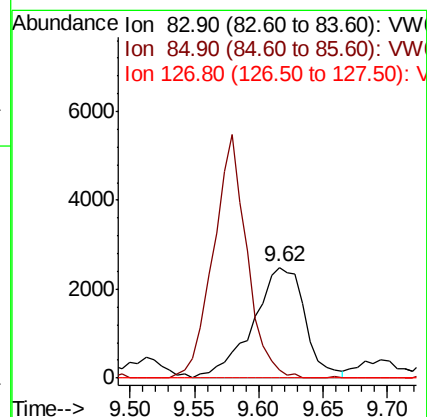
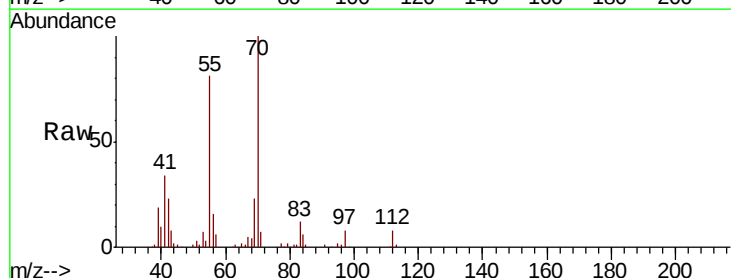
Tgt Ion: 83 Resp: 6987

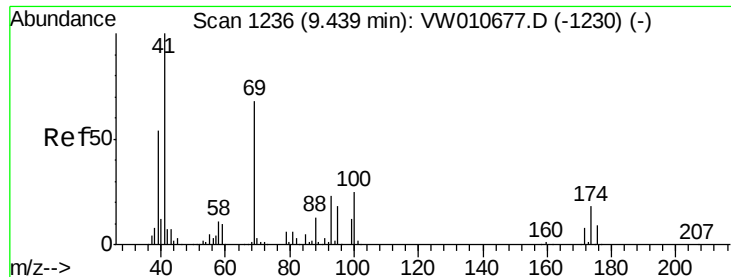
Ion Ratio Lower Upper

83 100

85 7.4 53.0 79.4#

127 0.0 6.4 9.6#

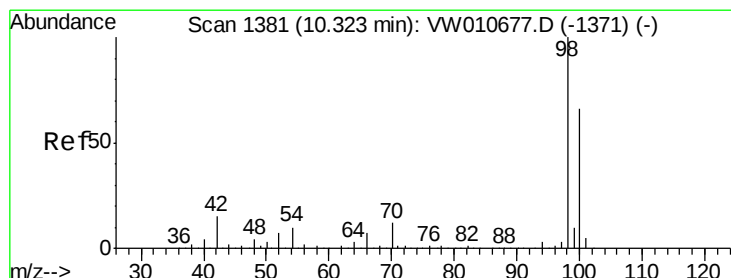
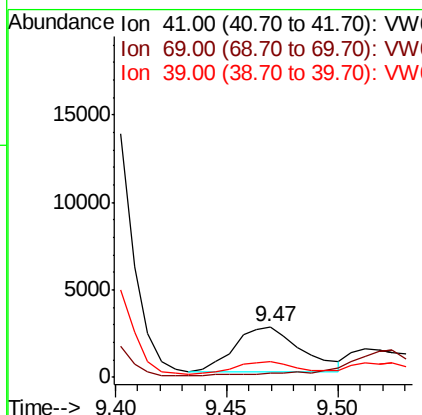
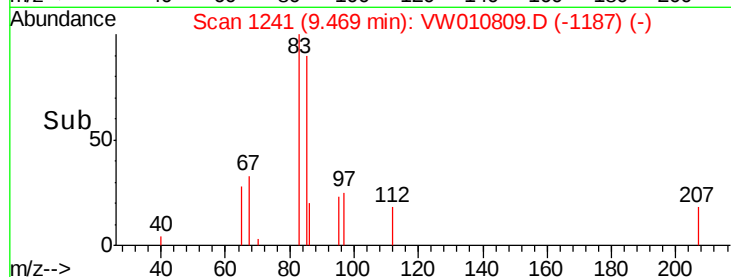
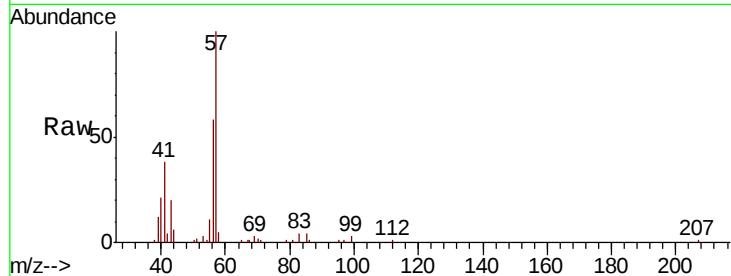




#48
Methyl methacrylate
Concen: 4.738 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.03 min
Lab File: VW010809.D
Acq: 14 Jun 2019 12:55

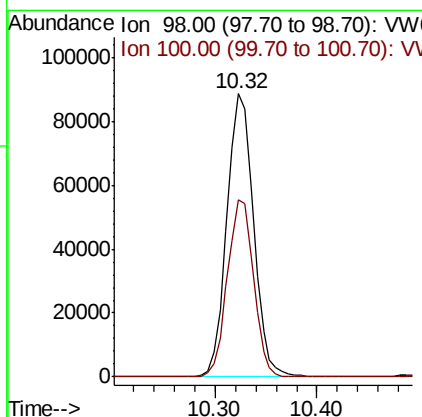
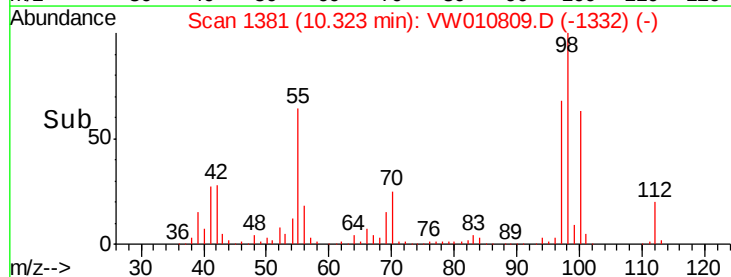
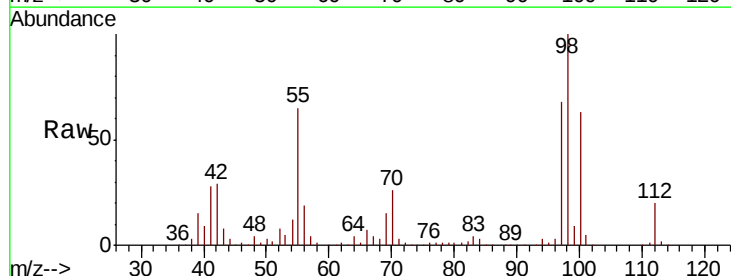
Instrument :
MSVOA_W
ClientSampleId :
13803-13804

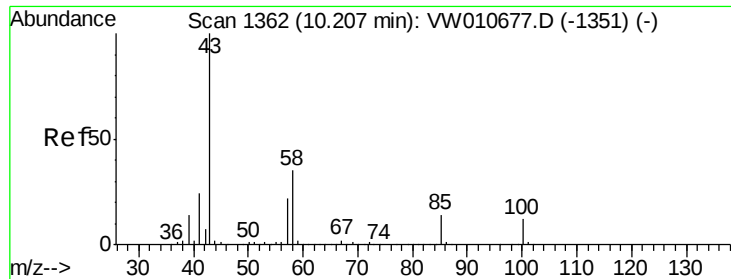
Tgt Ion: 41 Resp: 5217
Ion Ratio Lower Upper
41 100
69 0.0 56.6 85.0#
39 26.7 44.4 66.6#



#50
Toluene-d8
Concen: 32.355 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010809.D
Acq: 14 Jun 2019 12:55

Tgt Ion: 98 Resp: 160494
Ion Ratio Lower Upper
98 100
100 61.3 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 55.655 ug/l

RT: 10.25 min Scan# 1369

Delta R.T. 0.04 min

Lab File: VW010809.D

Acq: 14 Jun 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

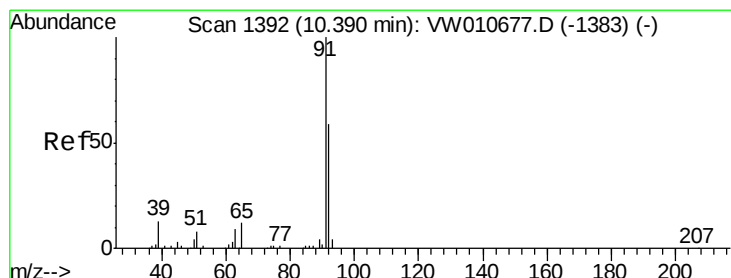
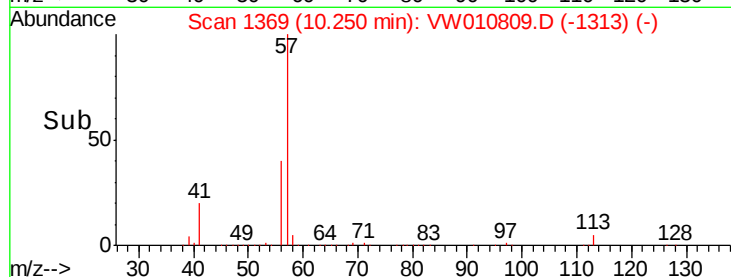
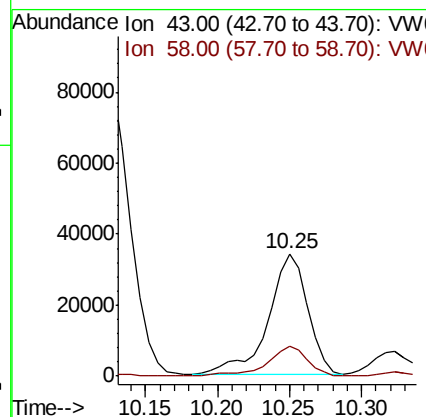
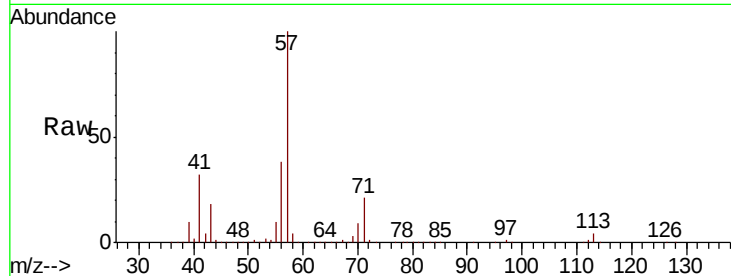
13803-13804

Tgt Ion: 43 Resp: 64936

Ion Ratio Lower Upper

43 100

58 25.5 28.4 42.6#



#52

Toluene

Concen: 3.070 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010809.D

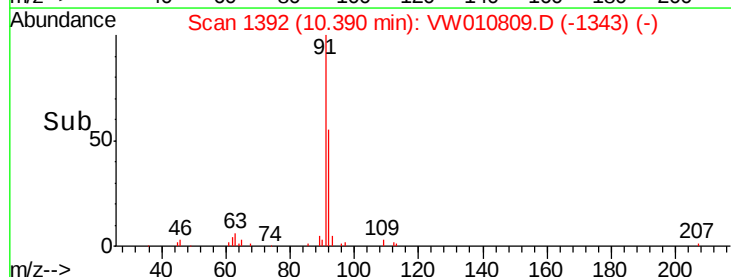
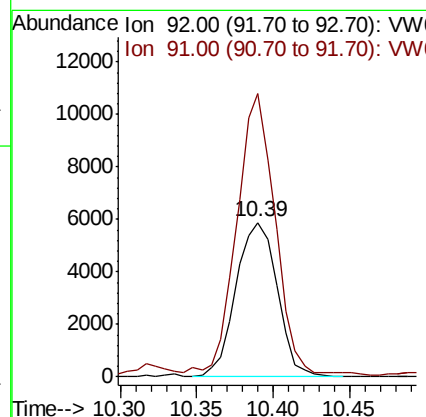
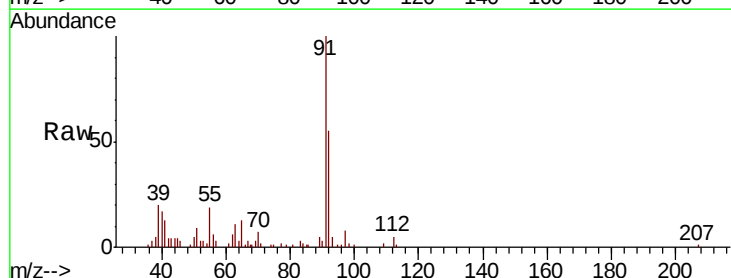
Acq: 14 Jun 2019 12:55

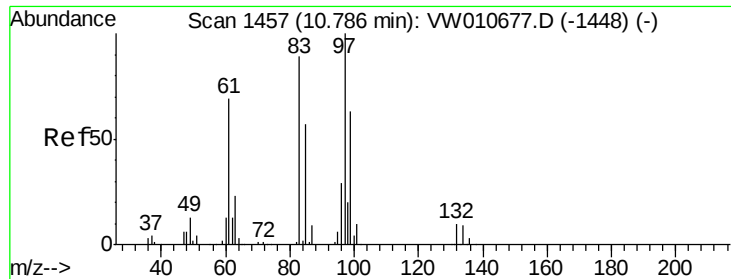
Tgt Ion: 92 Resp: 10994

Ion Ratio Lower Upper

92 100

91 172.5 134.9 202.3

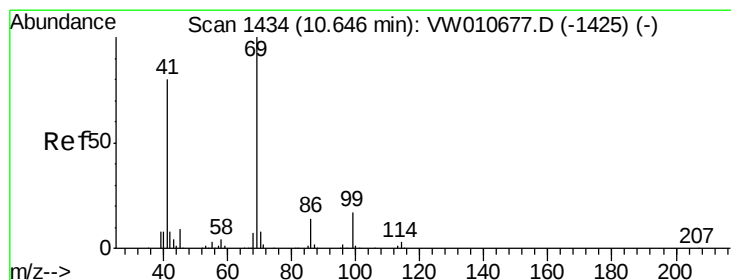
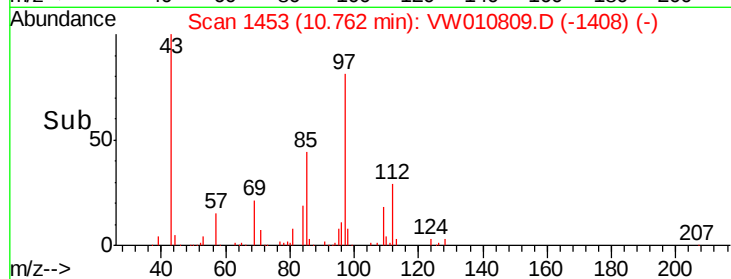
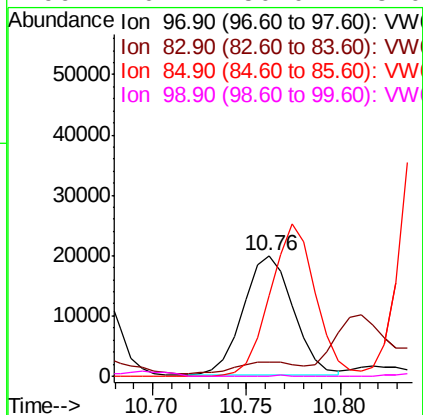
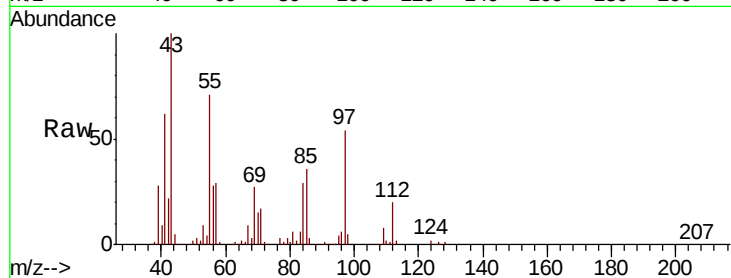




#55
 1,1,2-Trichloroethane
 Concen: 35.715 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW010809.D
 Acq: 14 Jun 2019 12:55

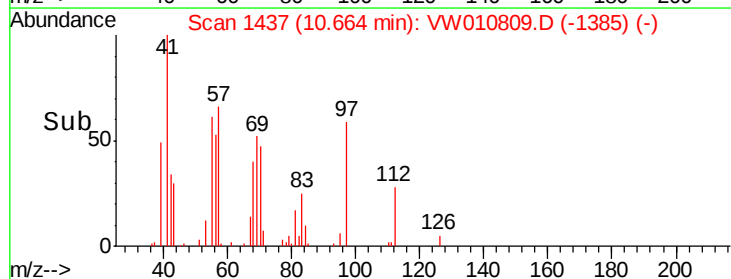
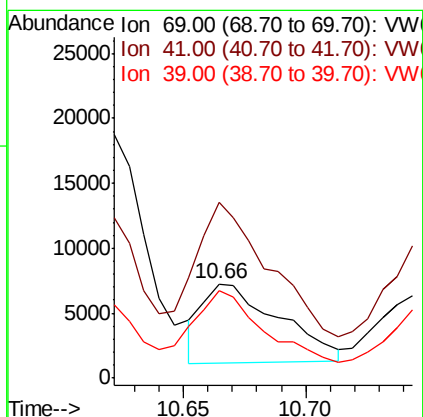
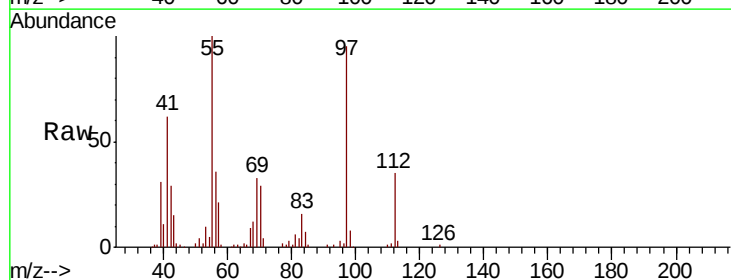
Instrument :
 MSVOA_W
 ClientSampleId :
 13803-13804

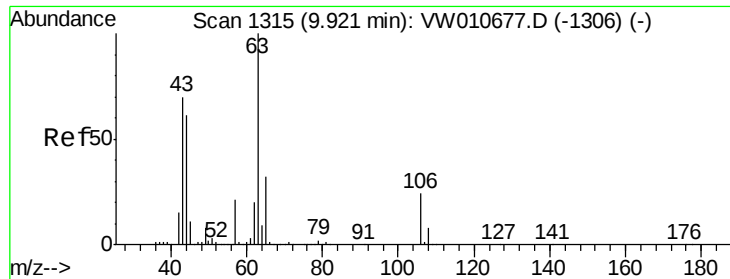
Tgt Ion: 97 Resp: 36816
 Ion Ratio Lower Upper
 97 100
 83 9.5 71.1 106.7#
 85 67.4 45.2 67.8
 99 0.4 50.0 75.0#



#56
 Ethyl methacrylate
 Concen: 8.465 ug/l
 RT: 10.66 min Scan# 1437
 Delta R.T. 0.02 min
 Lab File: VW010809.D
 Acq: 14 Jun 2019 12:55

Tgt Ion: 69 Resp: 13427
 Ion Ratio Lower Upper
 69 100
 41 159.1 64.8 97.2#
 39 79.4 32.2 48.2#

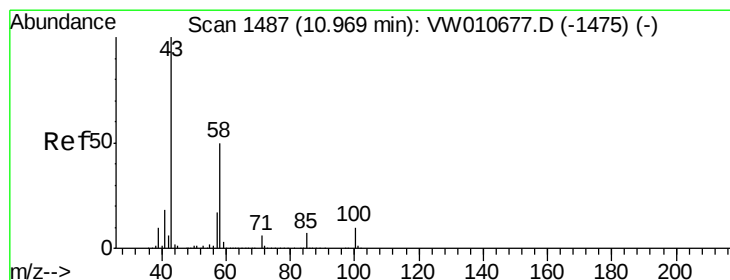
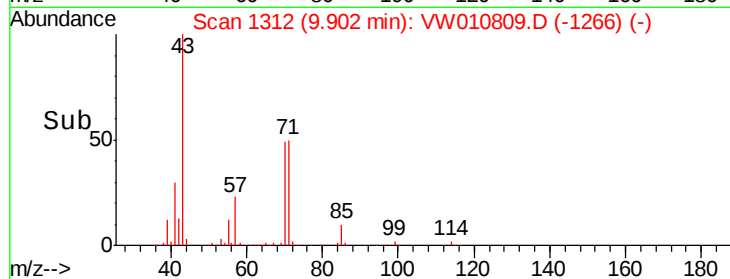
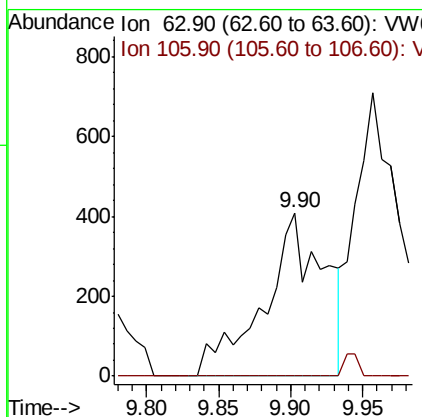
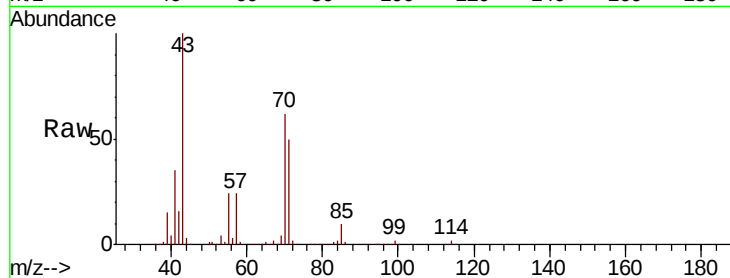




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.419 ug/l
 RT: 9.90 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: VW010809.D
 Acq: 14 Jun 2019 12:55

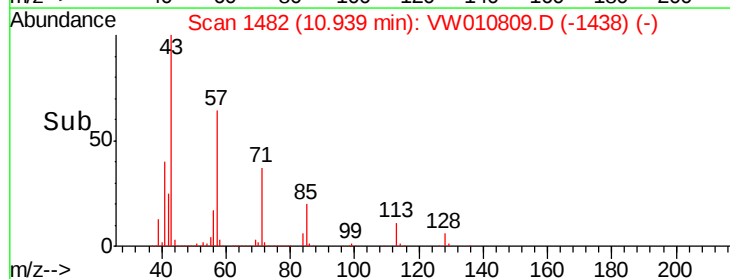
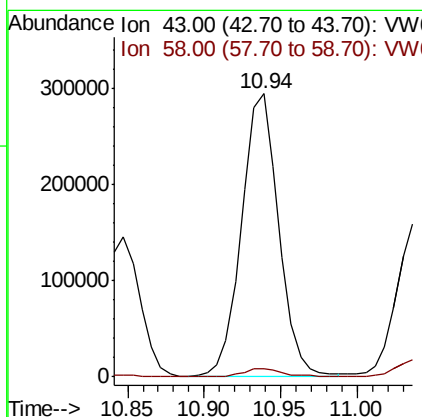
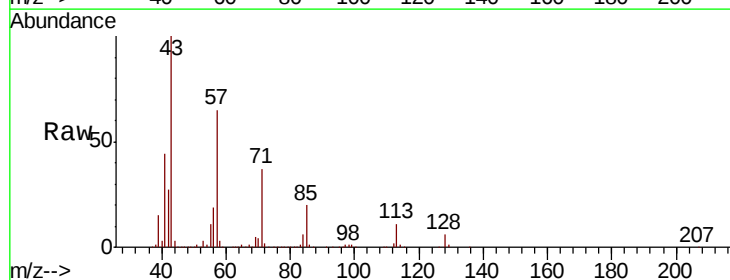
Instrument :
 MSVOA_W
 ClientSampled :
 13803-13804

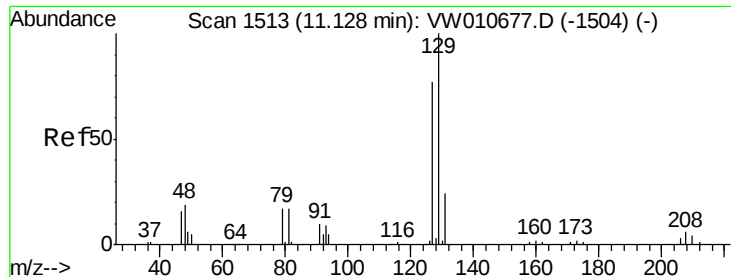
Tgt Ion: 63 Resp: 1179
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.1 30.1#



#59
 2-Hexanone
 Concen: 584.239 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.03 min
 Lab File: VW010809.D
 Acq: 14 Jun 2019 12:55

Tgt Ion: 43 Resp: 492652
 Ion Ratio Lower Upper
 43 100
 58 3.4 24.9 74.6#

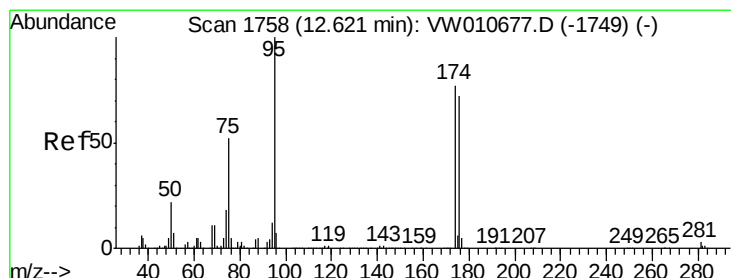
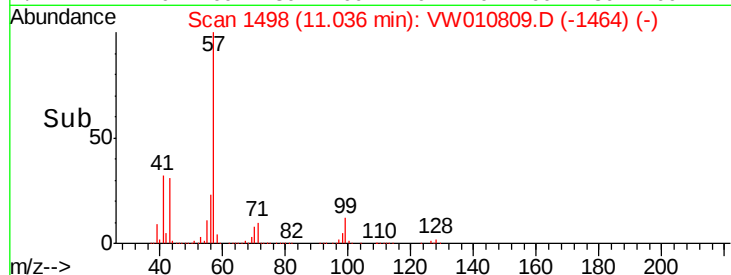
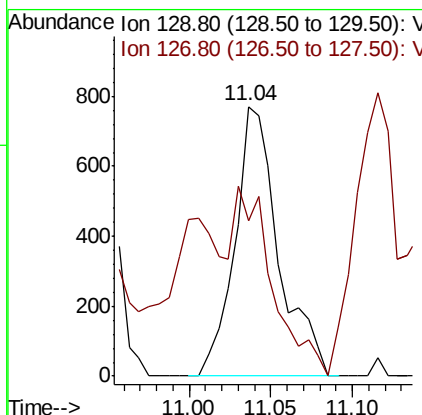
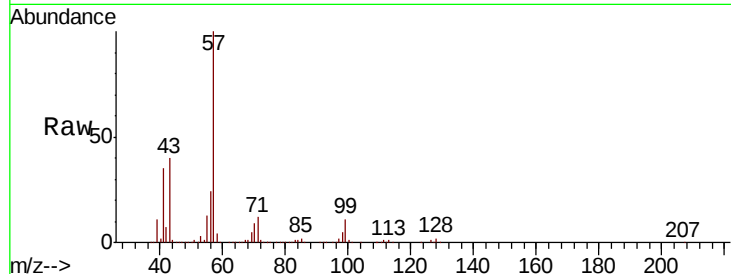




#60
Dibromochloromethane
Concen: 1.264 ug/l
RT: 11.04 min Scan# 1498
Delta R.T. -0.09 min
Lab File: VW010809.D
Acq: 14 Jun 2019 12:55

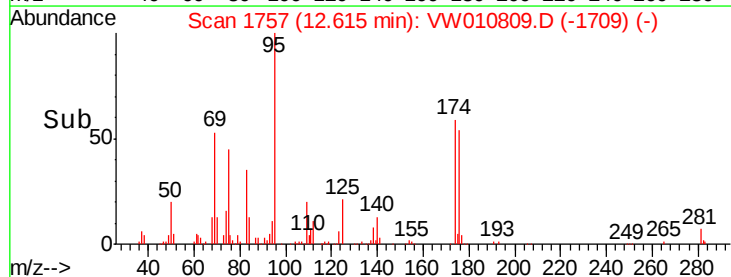
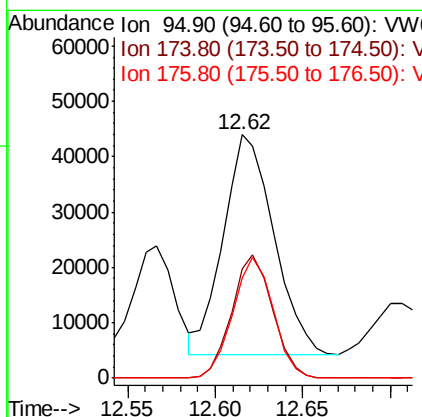
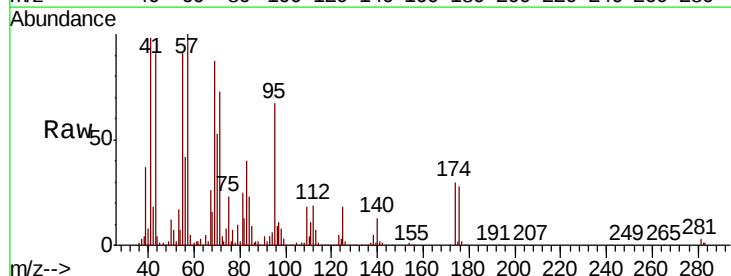
Instrument :
MSVOA_W
ClientSampled :
13803-13804

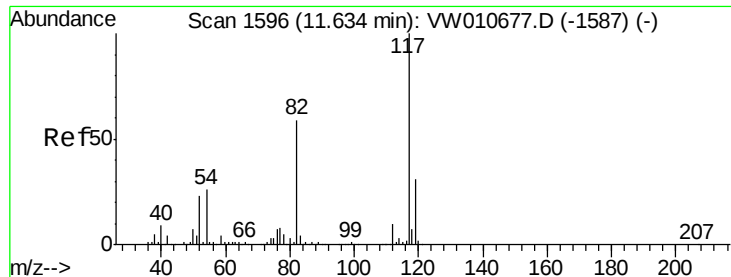
Tgt Ion: 129 Resp: 1444
Ion Ratio Lower Upper
129 100
127 60.0 38.6 116.0



#62
4-Bromofluorobenzene
Concen: 44.314 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW010809.D
Acq: 14 Jun 2019 12:55

Tgt Ion: 95 Resp: 79989
Ion Ratio Lower Upper
95 100
174 45.2 0.0 150.4
176 43.7 0.0 144.8

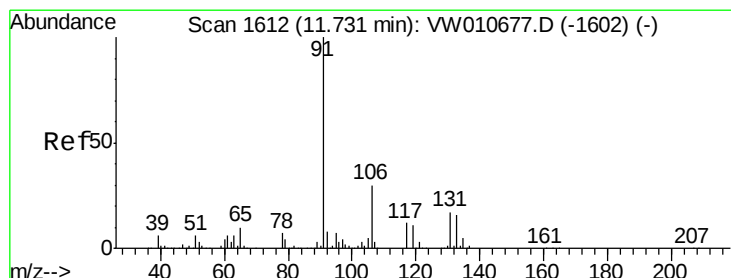
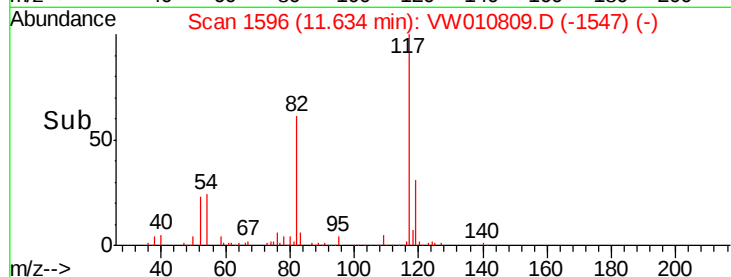
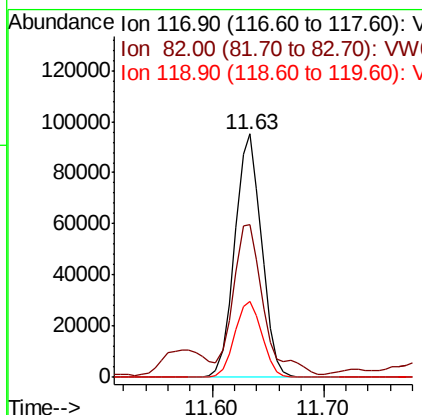
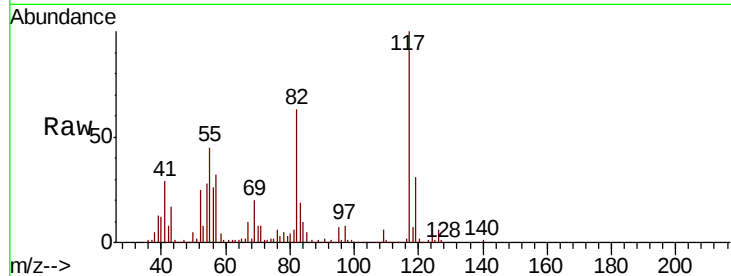




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010809.D
Acq: 14 Jun 2019 12:55

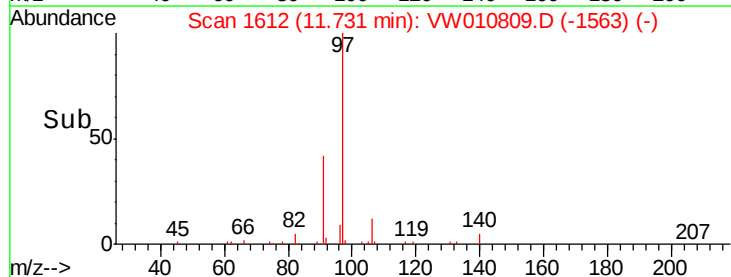
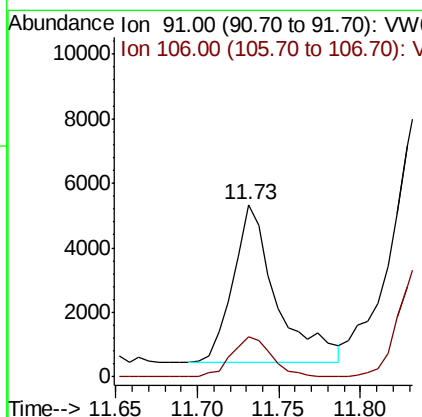
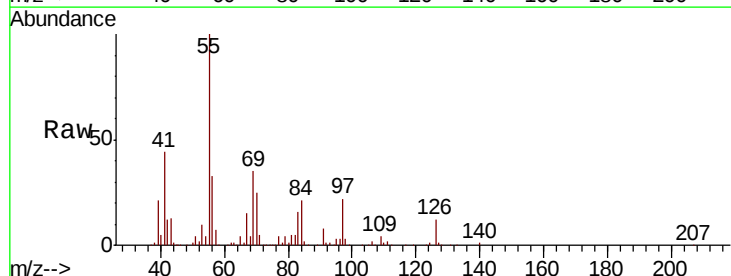
Instrument :
MSVOA_W
ClientSampleId :
13803-13804

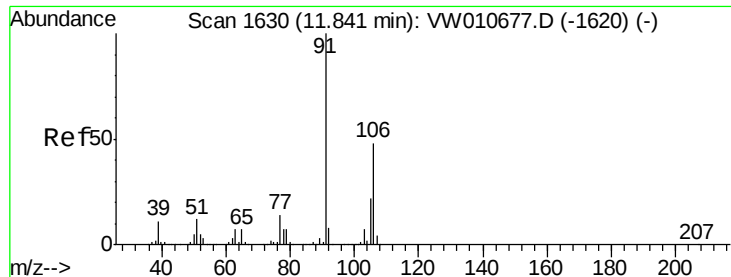
Tgt Ion: 117 Resp: 157810
Ion Ratio Lower Upper
117 100
82 60.3 47.0 70.4
119 31.3 25.1 37.7



#67
Ethyl Benzene
Concen: 1.519 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010809.D
Acq: 14 Jun 2019 12:55

Tgt Ion: 91 Resp: 9061
Ion Ratio Lower Upper
91 100
106 25.2 24.2 36.4





#68

m/p-Xylenes

Concen: 3.239 ug/l

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW010809.D

Acq: 14 Jun 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

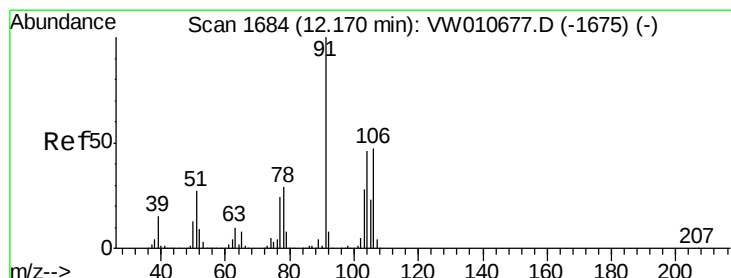
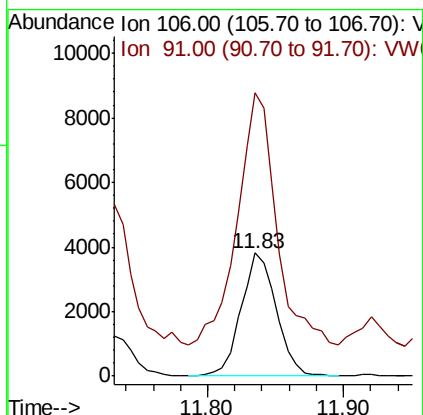
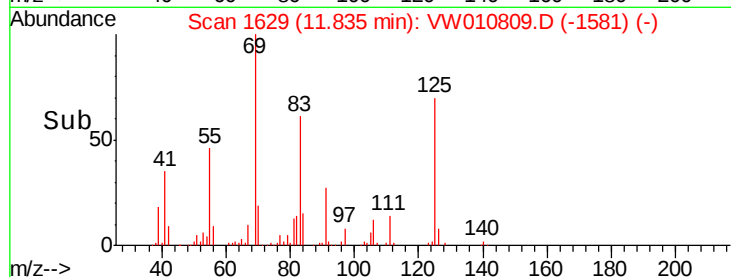
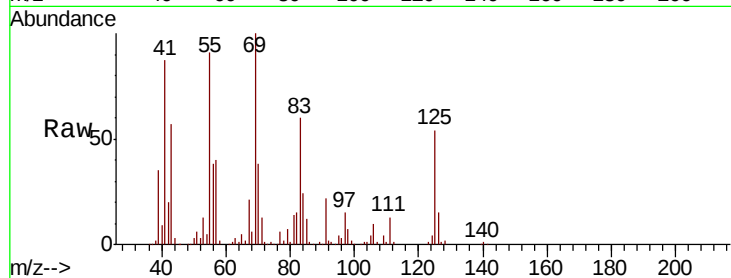
13803-13804

Tgt Ion:106 Resp: 6916

Ion Ratio Lower Upper

106 100

91 242.5 166.5 249.7



#69

o-Xylene

Concen: 2.448 ug/l

RT: 12.16 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VW010809.D

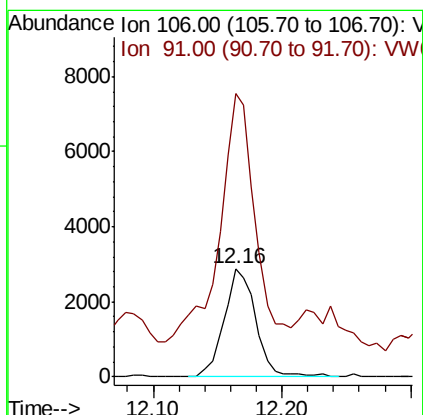
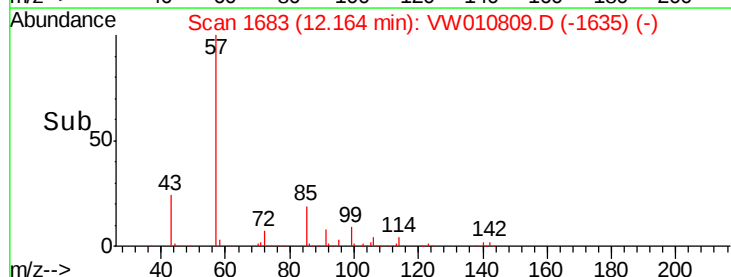
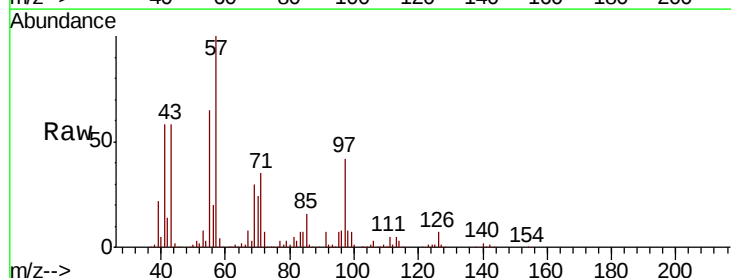
Acq: 14 Jun 2019 12:55

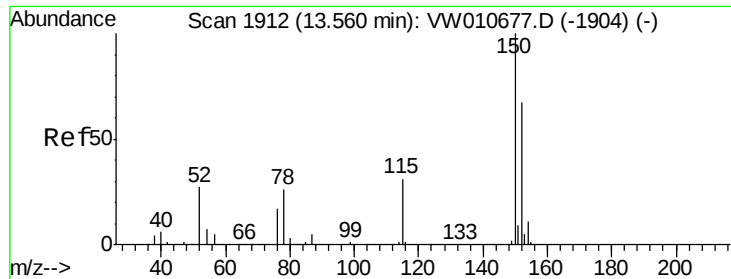
Tgt Ion:106 Resp: 4956

Ion Ratio Lower Upper

106 100

91 255.3 108.9 326.6



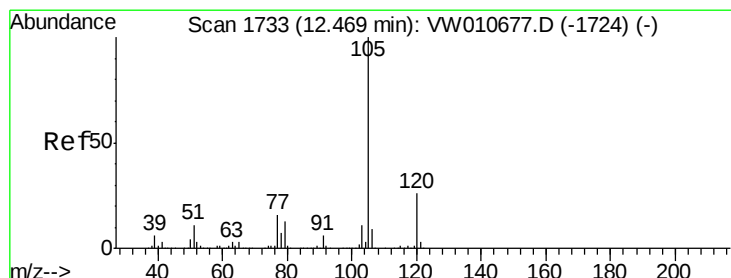
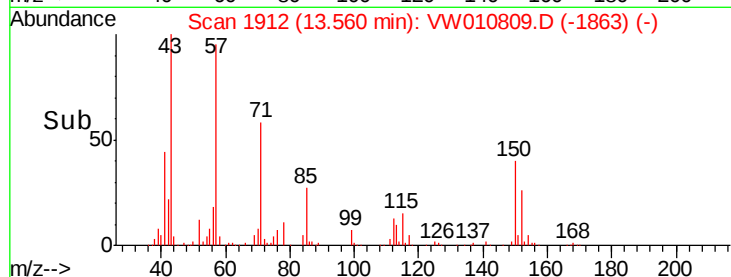
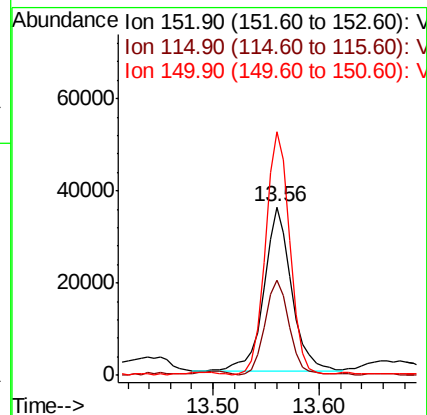
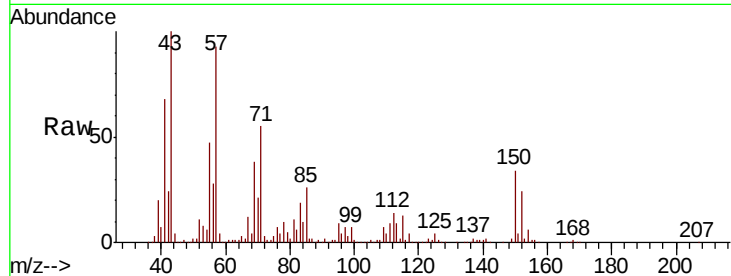


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010809.D
Acq: 14 Jun 2019 12:55

Instrument :
MSVOA_W
ClientSampled :
13803-13804

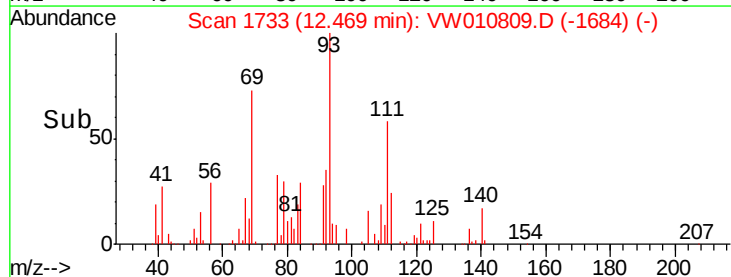
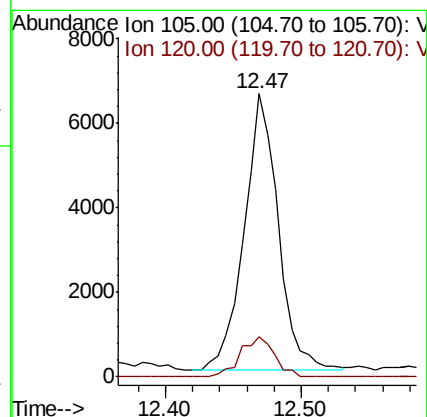
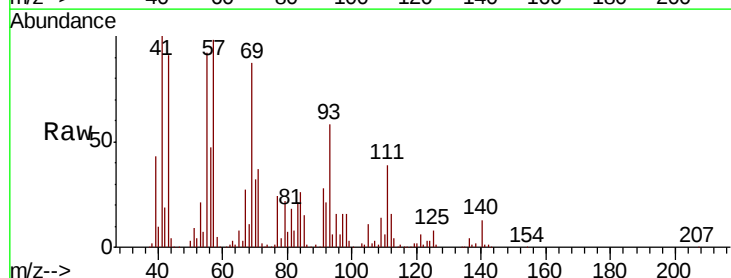
Tgt Ion:152 Resp: 64697
Ion Ratio Lower Upper
152 100
115 50.6 29.8 89.3
150 129.4 0.0 345.0

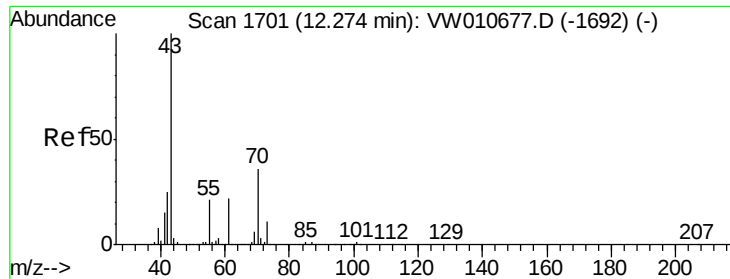


#73

Isopropylbenzene
Concen: 2.373 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW010809.D
Acq: 14 Jun 2019 12:55

Tgt Ion:105 Resp: 11536
Ion Ratio Lower Upper
105 100
120 14.2 13.1 39.1





#74

N-ethyl acetate

Concen: 250.309 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW010809.D

Acq: 14 Jun 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

13803-13804

Tgt Ion: 43 Resp: 393297

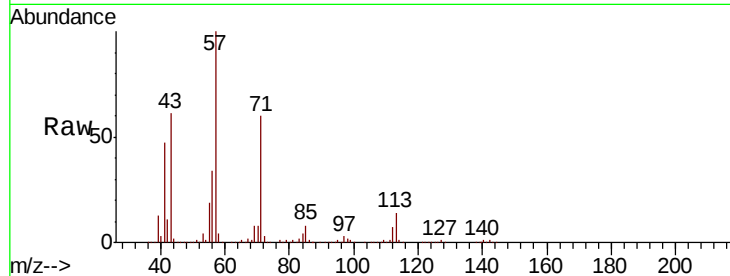
Ion Ratio Lower Upper

43 100

70 14.1 29.2 43.8#

55 10.0 17.5 26.3#

61 0.0 17.4 26.2#

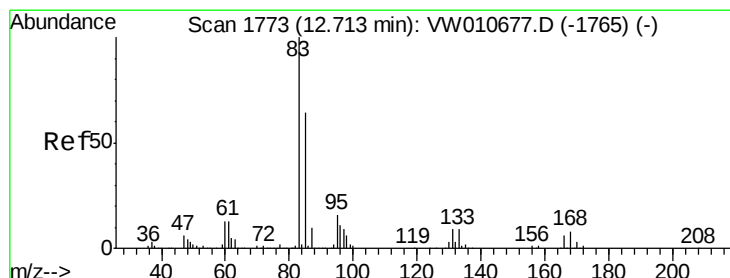
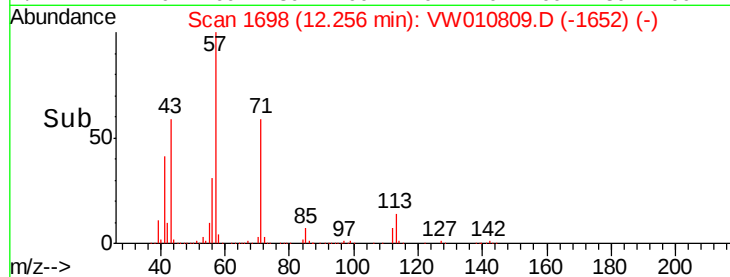
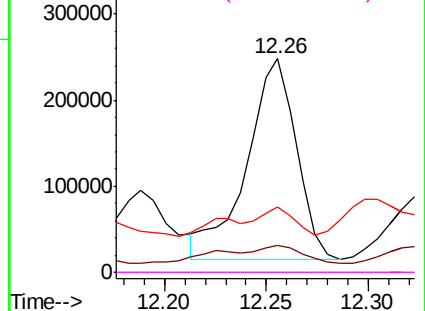


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 16.479 ug/l

RT: 12.69 min Scan# 1770

Delta R.T. -0.02 min

Lab File: VW010809.D

Acq: 14 Jun 2019 12:55

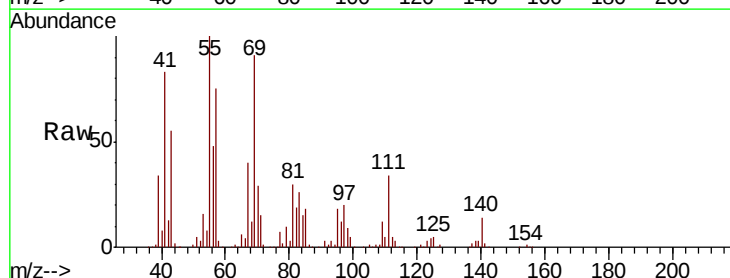
Tgt Ion: 83 Resp: 15252

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

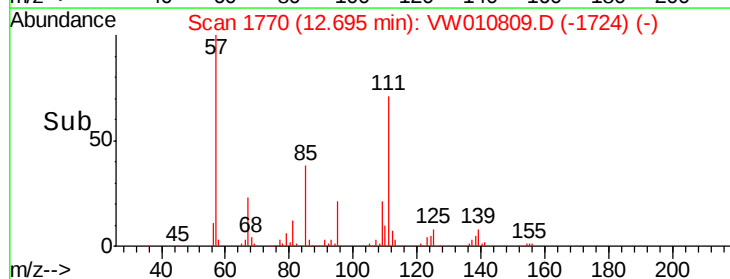
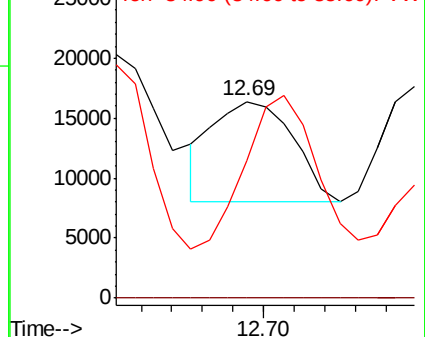
85 132.1 31.9 95.9#

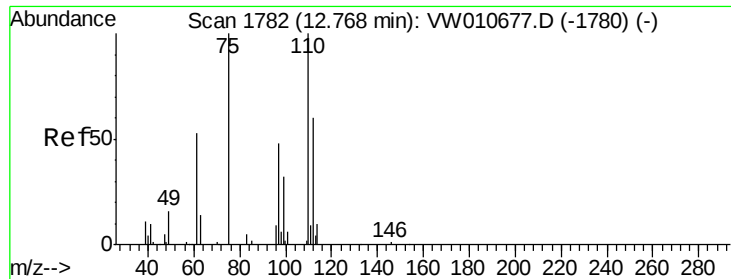


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 38.258 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010809.D

Acq: 14 Jun 2019 12:55

Instrument :

MSVOA_W

ClientSampled :

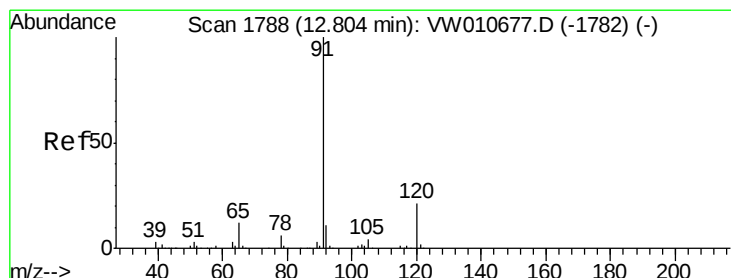
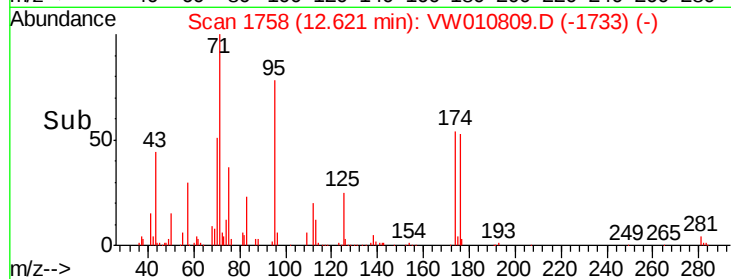
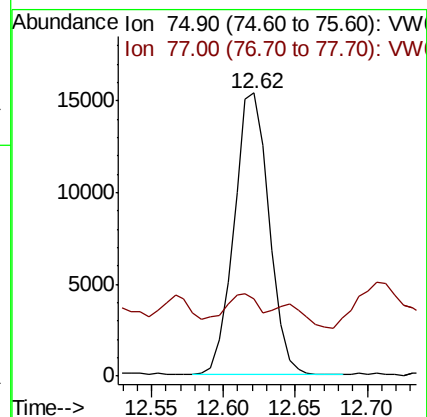
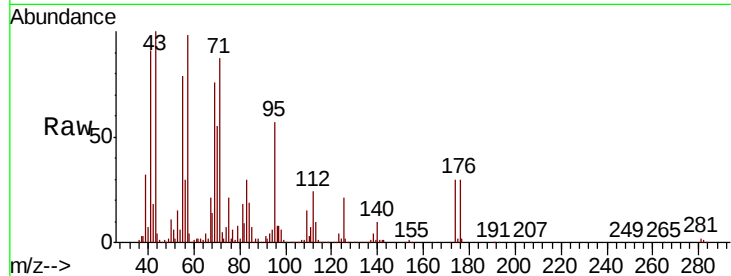
13803-13804

Tgt Ion: 75 Resp: 25993

Ion Ratio Lower Upper

75 100

77 8.4 0.0 0.0#



#78

n-propylbenzene

Concen: 4.375 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010809.D

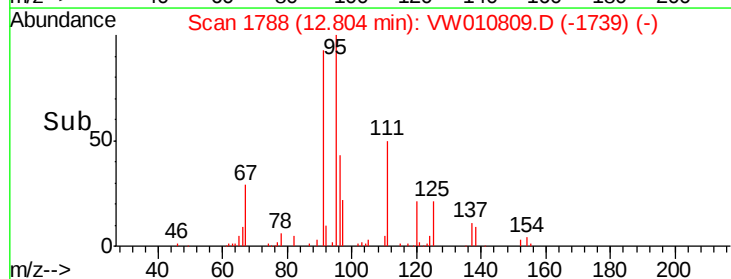
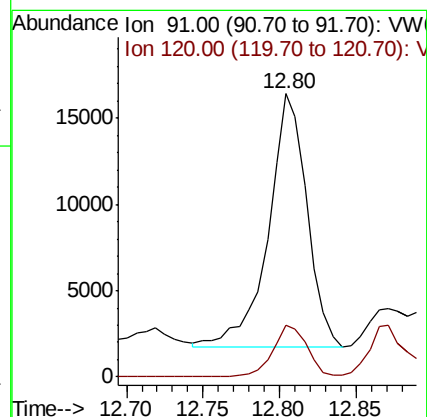
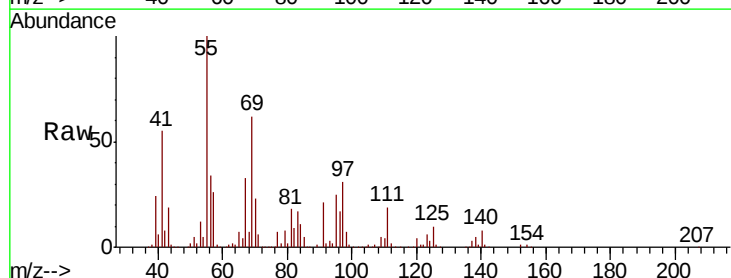
Acq: 14 Jun 2019 12:55

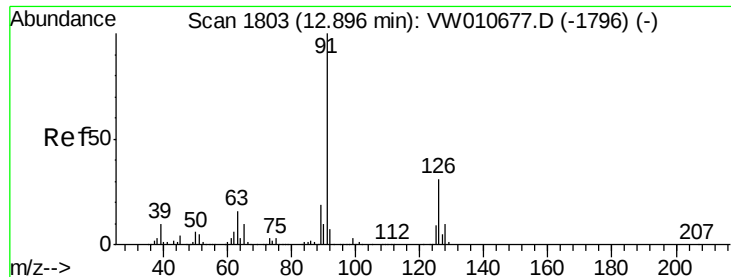
Tgt Ion: 91 Resp: 25649

Ion Ratio Lower Upper

91 100

120 18.2 10.8 32.4

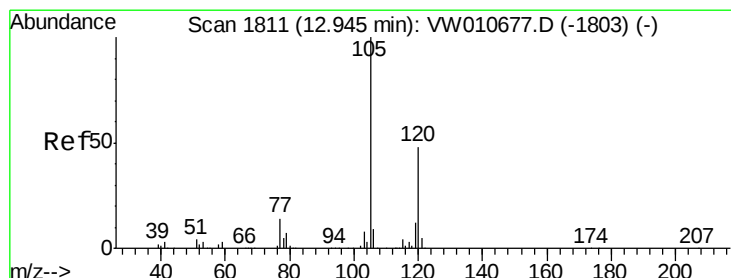
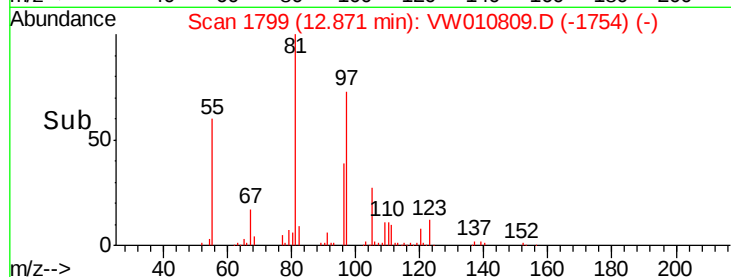
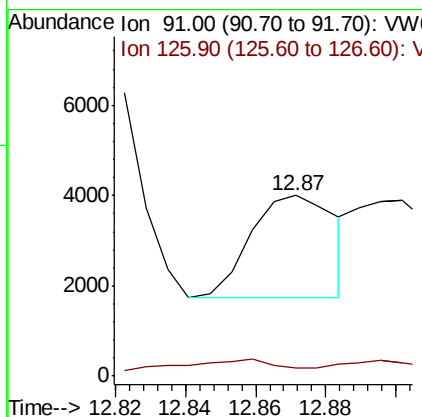
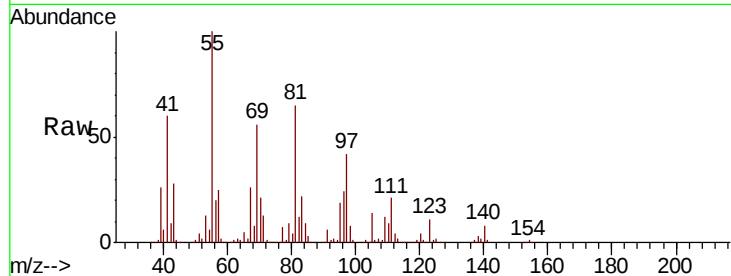




#79
 2-Chlorotoluene
 Concen: 1.125 ug/l
 RT: 12.87 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: VW010809.D
 Acq: 14 Jun 2019 12:55

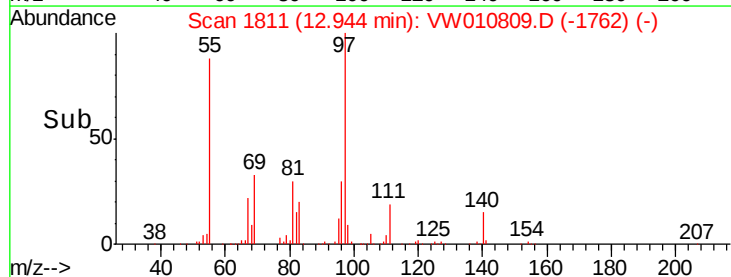
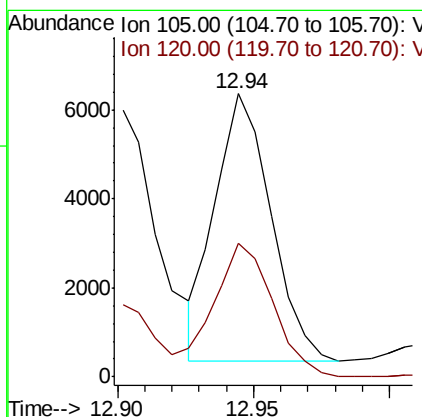
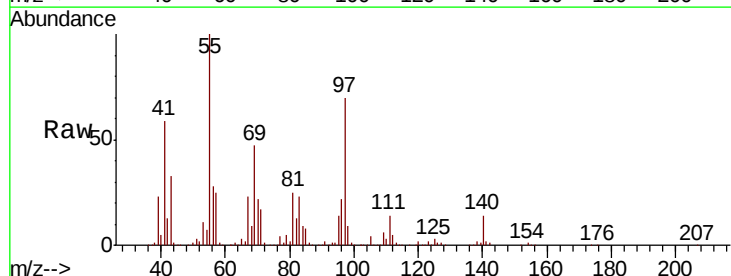
Instrument :
 MSVOA_W
 ClientSampleId :
 13803-13804

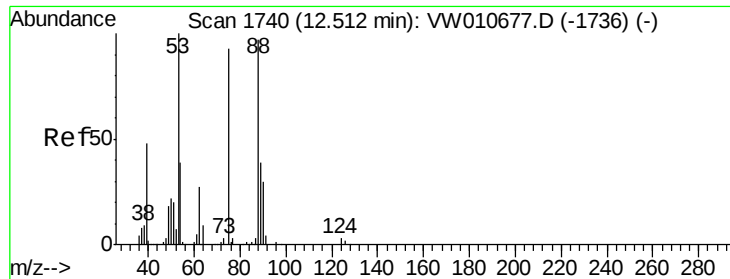
Tgt Ion: 91 Resp: 3769
 Ion Ratio Lower Upper
 91 100
 126 11.6 15.7 47.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 2.161 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW010809.D
 Acq: 14 Jun 2019 12:55

Tgt Ion: 105 Resp: 8598
 Ion Ratio Lower Upper
 105 100
 120 53.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 87.930 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010809.D

Acq: 14 Jun 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

13803-13804

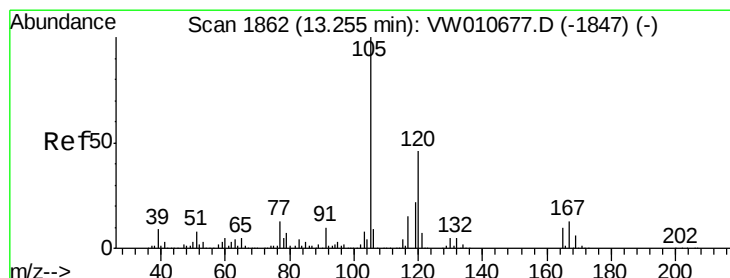
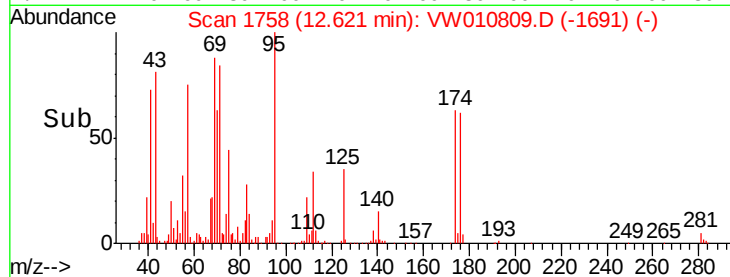
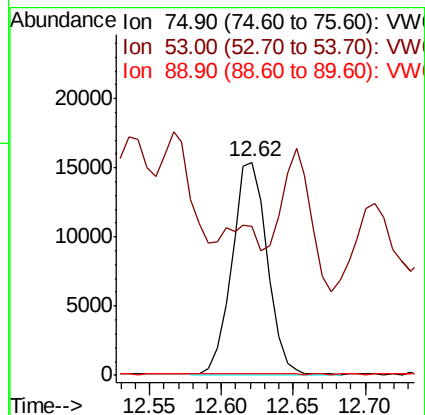
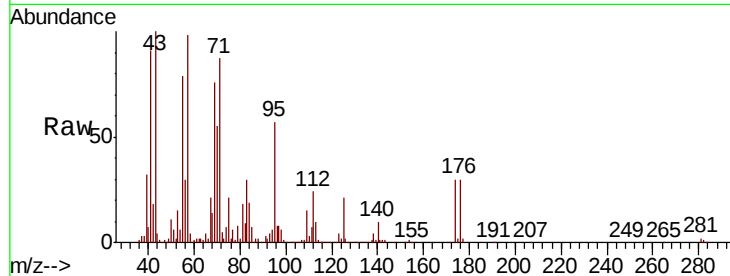
Tgt Ion: 75 Resp: 25993

Ion Ratio Lower Upper

75 100

53 9.6 90.1 135.1#

89 0.4 34.6 52.0#



#84

1,2,4-Trimethylbenzene

Concen: 7.012 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW010809.D

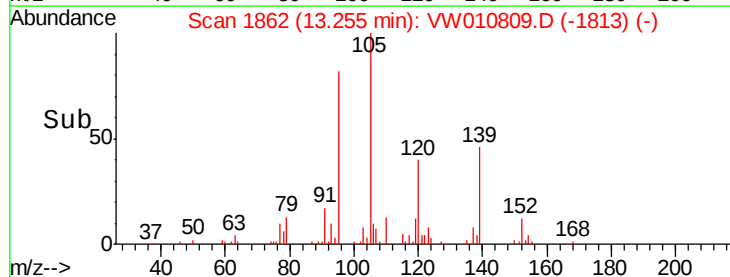
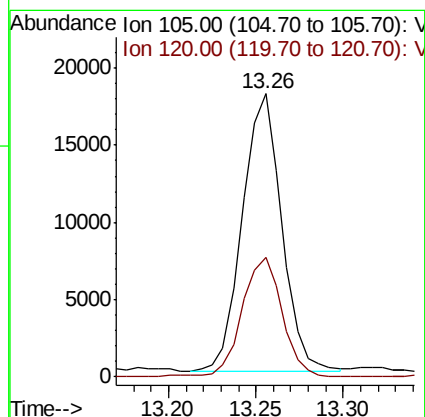
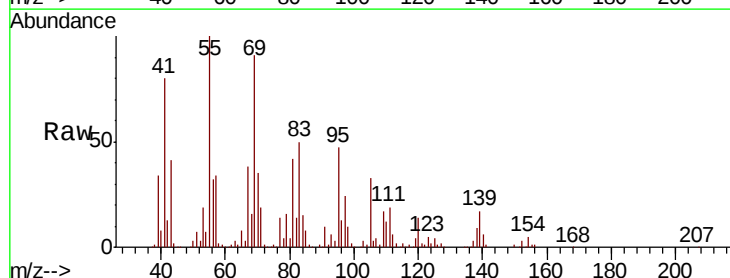
Acq: 14 Jun 2019 12:55

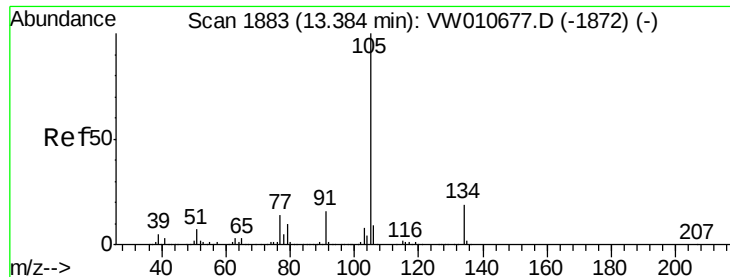
Tgt Ion:105 Resp: 28079

Ion Ratio Lower Upper

105 100

120 44.1 22.5 67.5

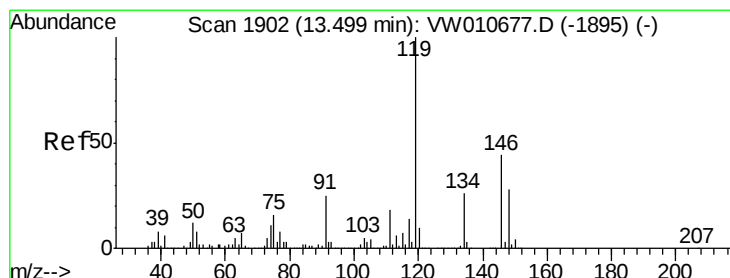
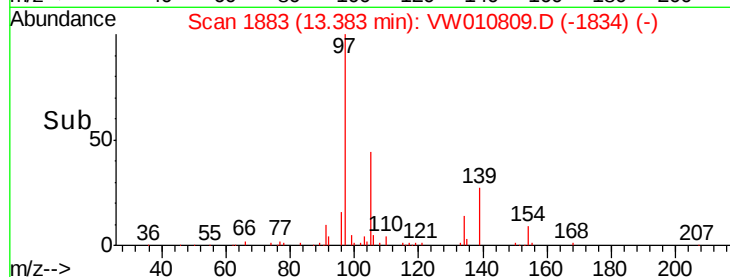
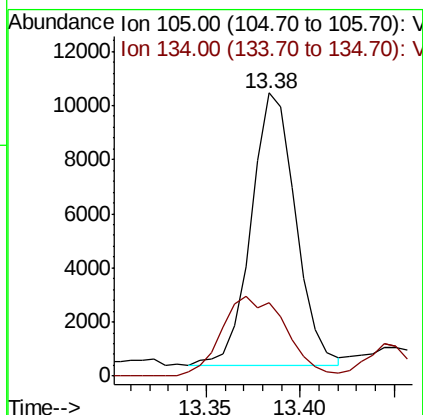
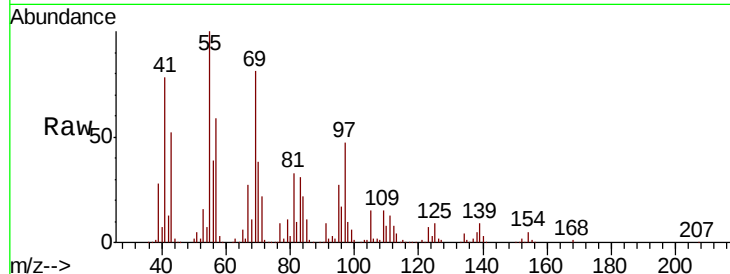




#85
 sec-Butylbenzene
 Concen: 3.364 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010809.D
 Acq: 14 Jun 2019 12:55

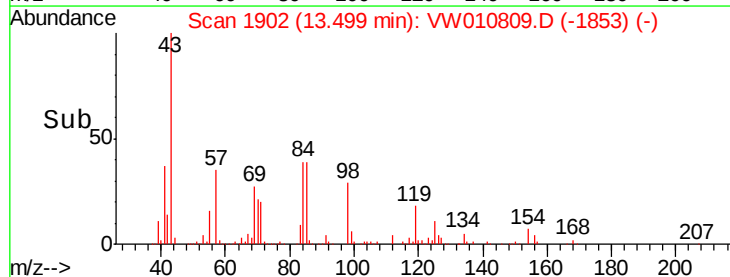
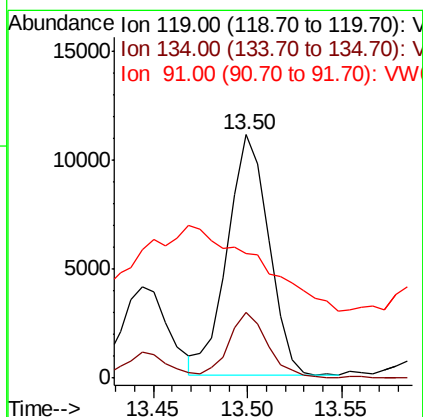
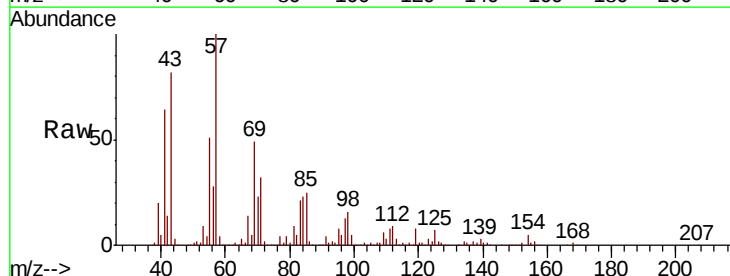
Instrument :
 MSVOA_W
 ClientSampled :
 13803-13804

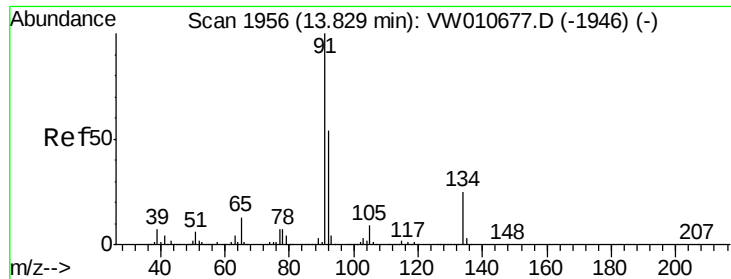
Tgt Ion:105 Resp: 16540
 Ion Ratio Lower Upper
 105 100
 134 41.9 9.7 28.9#



#86
 p-Isopropyltoluene
 Concen: 3.803 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010809.D
 Acq: 14 Jun 2019 12:55

Tgt Ion:119 Resp: 16722
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 0.0 12.2 36.4#





#89

n-Butylbenzene

Concen: 15.058 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010809.D

Acq: 14 Jun 2019 12:55

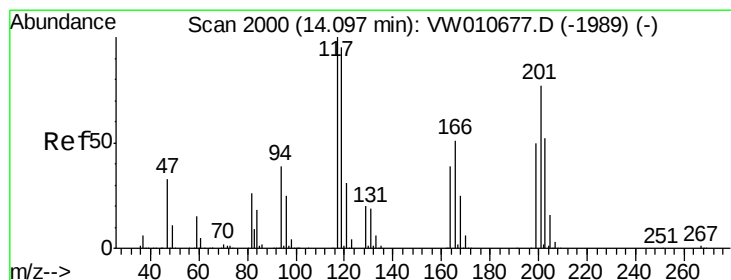
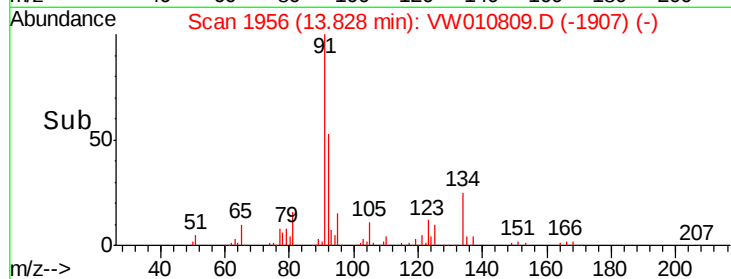
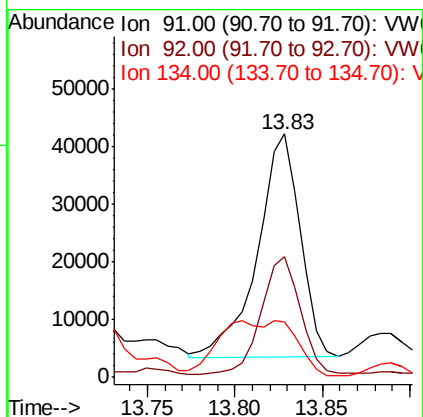
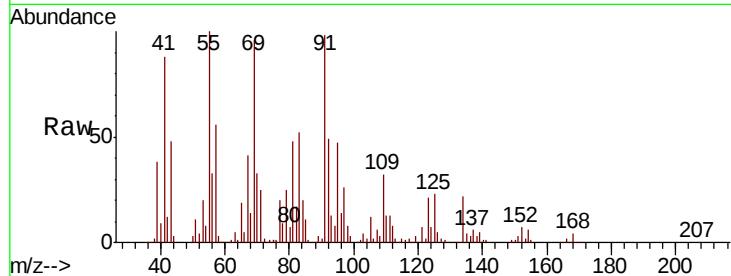
Instrument :

MSVOA_W

ClientSampleId :

13803-13804

Tgt Ion:	91	Resp:	66065
Ion	Ratio	Lower	Upper
91	100		
92	47.9	27.3	81.8
134	0.0	12.3	36.9#



#90

Hexachloroethane

Concen: 26.391 ug/l

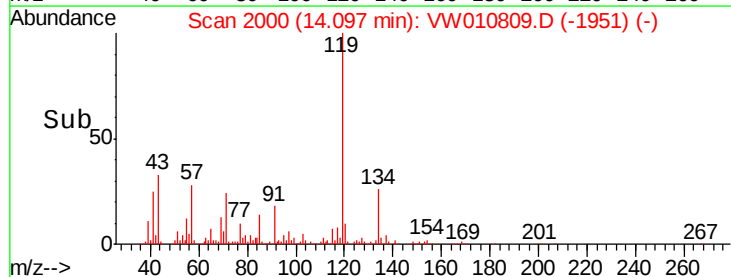
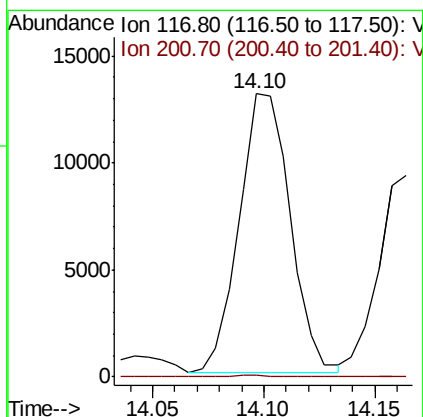
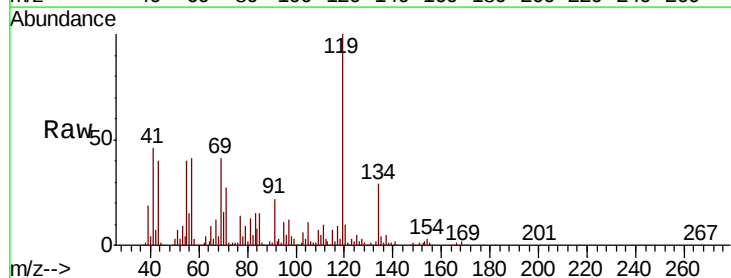
RT: 14.10 min Scan# 2000

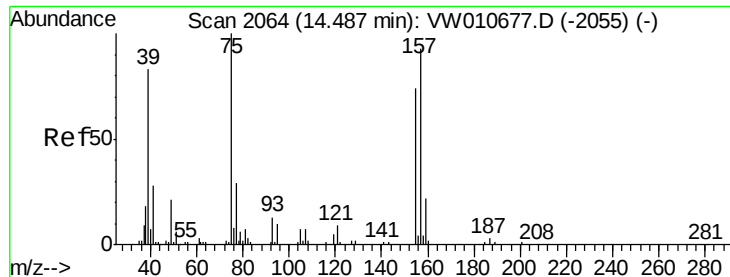
Delta R.T. -0.00 min

Lab File: VW010809.D

Acq: 14 Jun 2019 12:55

Tgt Ion:	117	Resp:	20782
Ion	Ratio	Lower	Upper
117	100		
201	0.2	38.8	116.4#





#92

1,2-Dibromo-3-Chloropropane

Concen: 9.425 ug/l

RT: 14.50 min Scan# 2066

Delta R.T. 0.01 min

Lab File: VW010809.D

Acq: 14 Jun 2019 12:55

Instrument :

MSVOA_W

ClientSampled :

13803-13804

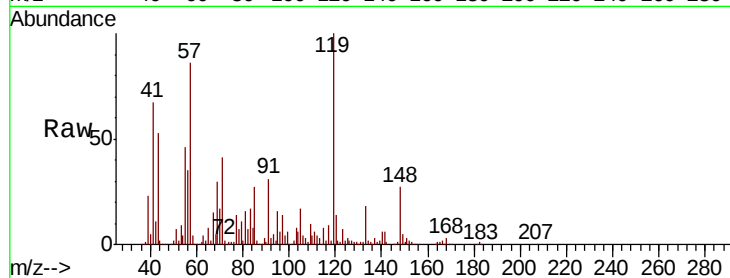
Tgt Ion: 75 Resp: 1498

Ion Ratio Lower Upper

75 100

155 50.6 38.8 116.4

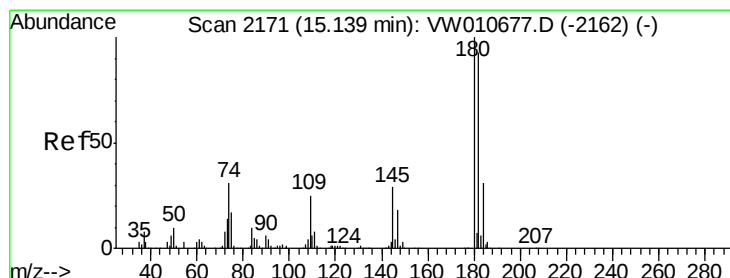
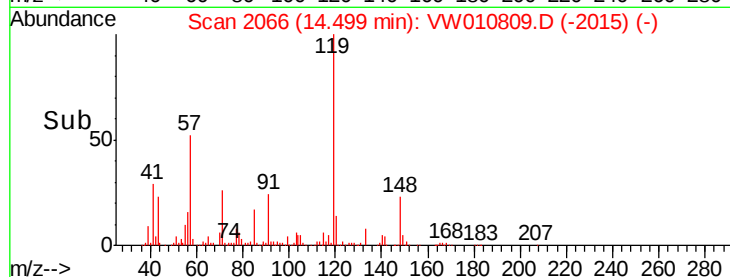
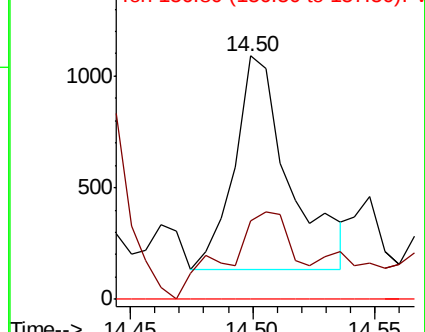
157 0.0 48.4 145.0#



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: 1.198 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VW010809.D

Acq: 14 Jun 2019 12:55

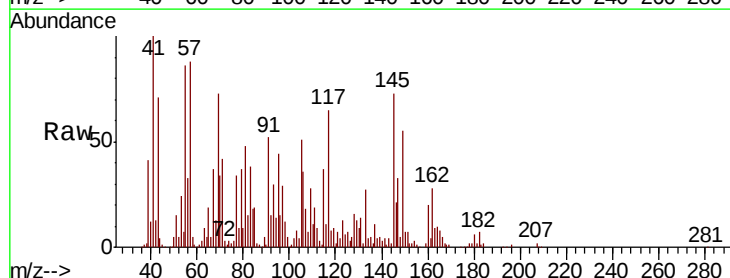
Tgt Ion: 180 Resp: 1547

Ion Ratio Lower Upper

180 100

182 189.3 47.1 141.4#

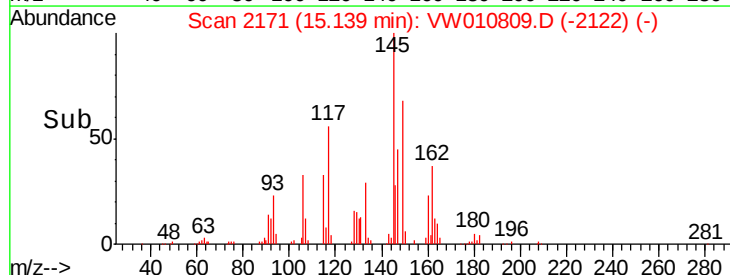
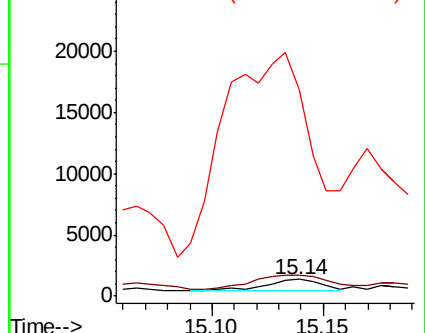
145 3539.1 15.2 45.5#

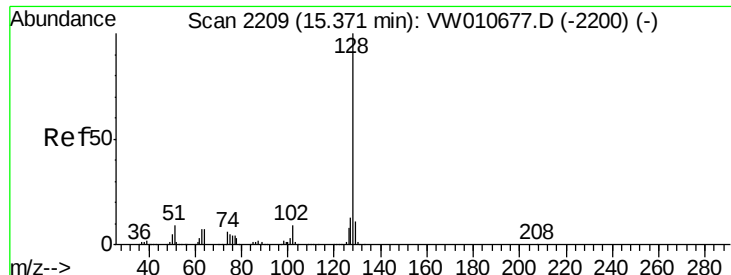


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

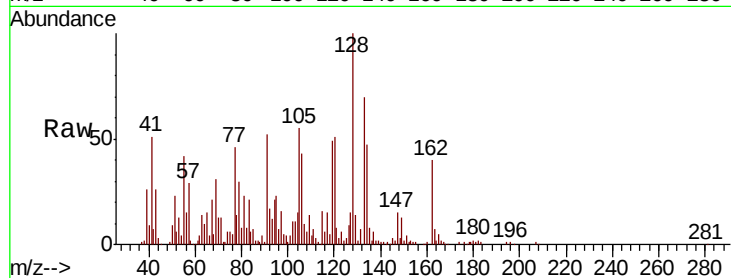




#95
Naphthalene
Concen: 25.446 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010809.D
Acq: 14 Jun 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
13803-13804

Tgt Ion:128 Resp: 59710
Ion Ratio Lower Upper
128 100
127 11.4 10.6 15.8
129 7.1 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

