

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111218\
 Data File : VW006844.D
 Acq On : 13 Nov 2018 09:08
 Operator : SY/AP
 Sample : J5860-19
 Misc : 5.68G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 13 11:00:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	375325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	577880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	533419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	376546	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	157471	57.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.78%	
35) Dibromofluoromethane	7.88	113	169989	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
50) Toluene-d8	10.33	98	1256251	88.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	176.16%	
62) 4-Bromofluorobenzene	12.62	95	873687	166.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	332.64%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.20	59	482	2.676	ug/l #	72
13) Acrolein	4.10	56	18300	97.151	ug/l #	82
14) Allyl chloride	4.90	41	281478	75.488	ug/l #	54
15) Acrylonitrile	5.45	53	20091	36.526	ug/l #	41
16) Acetone	4.12	43	85876	217.938	ug/l #	76
17) Carbon Disulfide	4.38	76	11019	1.229	ug/l	99
18) Methyl Acetate	4.90	43	668591	496.035	ug/l #	47
20) Methylene Chloride	4.92	84	39378	6.449	ug/l #	72
25) 2-Butanone	7.17	43	65887	98.872	ug/l #	48
29) Tetrahydrofuran	7.54	42	1145	2.685	ug/l #	28
30) Chloroform	7.63	83	36381	6.488	ug/l #	18
31) Cyclohexane	7.93	56	1275695	242.656	ug/l #	39
37) Ethyl Acetate	7.17	43	65887	37.259	ug/l #	67
38) Carbon Tetrachloride	7.95	117	32369	5.507	ug/l #	16
39) Methylcyclohexane	9.30	83	1026120	146.253	ug/l #	14
41) Methacrylonitrile	7.52	41	5113	4.709	ug/l #	47
42) 1,2-Dichloroethane	8.50	62	47698	11.839	ug/l #	1
43) Isopropyl Acetate	8.43	43	879768	255.812	ug/l #	48
45) 1,2-Dichloropropane	9.40	63	36712	10.475	ug/l #	1
47) Bromodichloromethane	9.63	83	891045	184.143	ug/l #	28
48) Methyl methacrylate	9.48	41	2136826	1267.298	ug/l #	26
49) 1,4-Dioxane	9.40	88	309	10.484	ug/l #	1
51) 4-Methyl-2-Pentanone	10.26	43	5691731	3300.565	ug/l	88
52) Toluene	10.40	92	85331	8.004	ug/l	75
55) 1,1,2-Trichloroethane	10.77	97	6167952	2130.630	ug/l #	37
56) Ethyl methacrylate	10.63	69	531738	167.601	ug/l #	87
58) 2-Chloroethyl Vinyl ether	9.91	63	113267	71.283	ug/l #	43
59) 2-Hexanone	10.94	43	5135542	4317.483	ug/l #	28
60) Dibromochloromethane	11.05	129	43899	12.393	ug/l	63
61) 1,2-Dibromoethane	11.21	107	41141	14.964	ug/l #	1
65) Chlorobenzene	11.57	112	41545	3.511	ug/l #	43
67) Ethyl Benzene	11.74	91	276271	13.694	ug/l	91
68) m/p-Xylenes	11.85	106	87142	10.557	ug/l #	48
69) o-Xylene	12.17	106	12940	1.684	ug/l #	1

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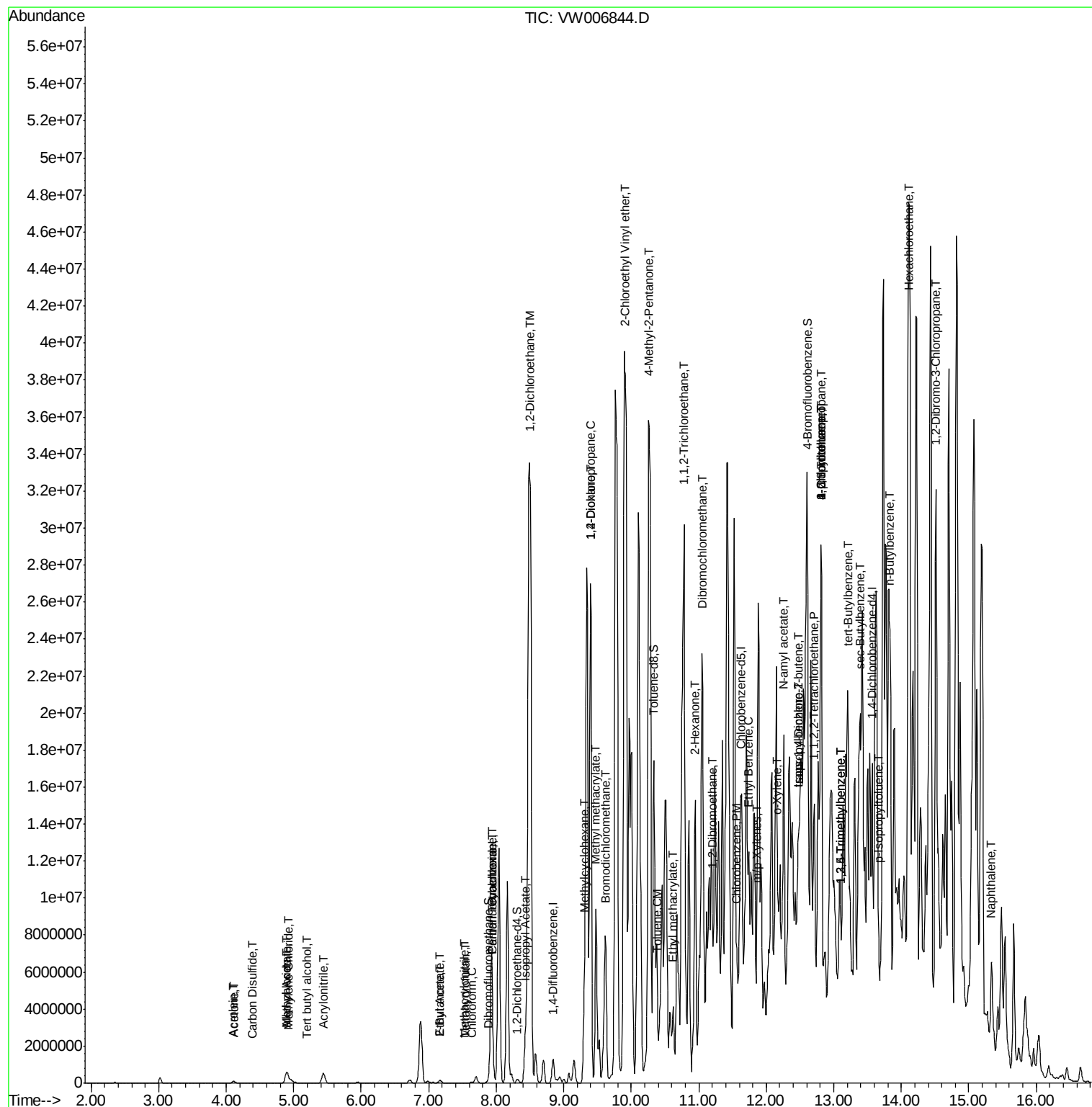
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Isopropylbenzene	12.47	105	4434641	169.666	uq/l	100
74) N-amyl acetate	12.26	43	3069478	776.676	uq/l #	55
75) 1,1,2,2-Tetrachloroethane	12.71	83	204115	56.452	uq/l #	1
76) 1,2,3-Trichloropropane	12.82	75	109870	40.488	uq/l #	100
78) n-propylbenzene	12.81	91	16745722	542.840	uq/l	87
79) 2-Chlorotoluene	12.81	91	16745722	967.548	uq/l #	39
80) 1,3,5-Trimethylbenzene	13.11	105	721138	32.094	uq/l	72
81) trans-1,4-Dichloro-2-buten	12.47	75	44101	40.200	uq/l #	1
82) 4-Chlorotoluene	12.81	91	16745722	906.837	uq/l #	39
83) tert-Butylbenzene	13.21	119	220176	11.086	uq/l #	29
84) 1,2,4-Trimethylbenzene	13.11	105	721138	31.537	uq/l	77
85) sec-Butylbenzene	13.39	105	6939385	246.562	uq/l #	43
86) p-Isopropyltoluene	13.66	119	1052471	41.112	uq/l	96
89) n-Butylbenzene	13.83	91	11497030	491.418	uq/l #	75
90) Hexachloroethane	14.12	117	3811818	930.550	uq/l #	3
92) 1,2-Dibromo-3-Chloropropan	14.51	75	61495	106.233	uq/l #	1
95) Naphthalene	15.34	128	120461	9.121	uq/l #	1

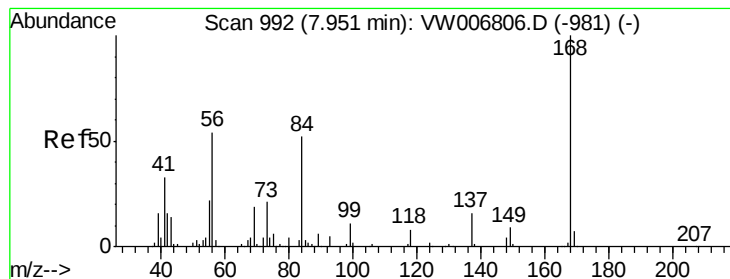
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006844.D

Acq: 13 Nov 2018 09:08

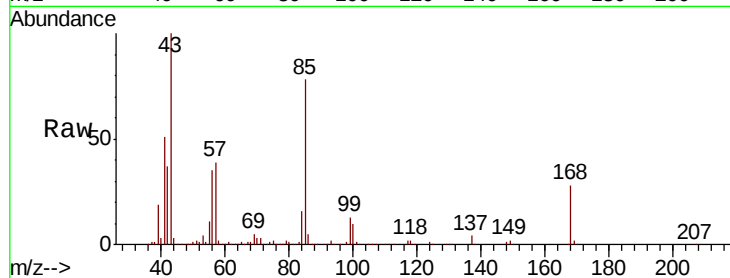
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 375325

Ion Ratio Lower Upper

168 100

99 46.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

200000

150000

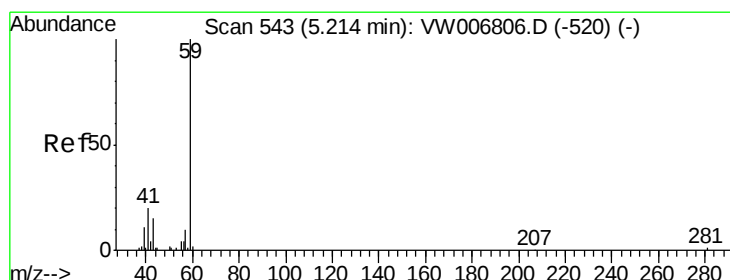
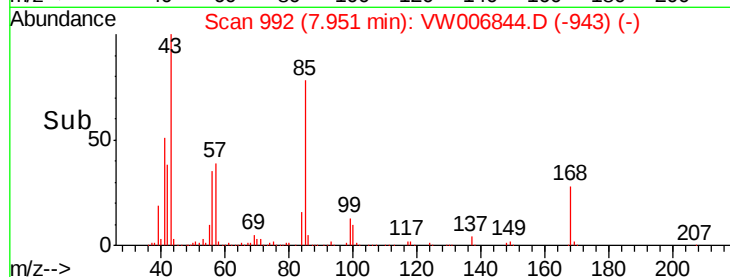
100000

50000

0

7.80 7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 2.676 ug/l

RT: 5.20 min Scan# 540

Delta R.T. -0.02 min

Lab File: VW006844.D

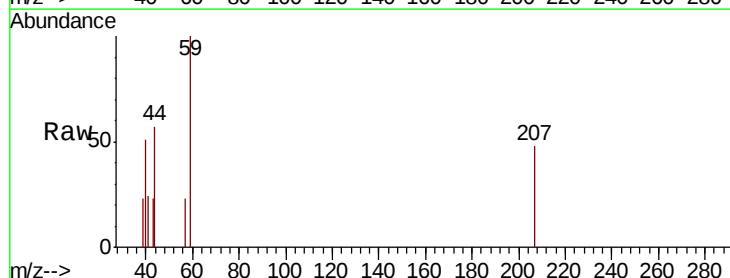
Acq: 13 Nov 2018 09:08

Tgt Ion: 59 Resp: 482

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

400

300

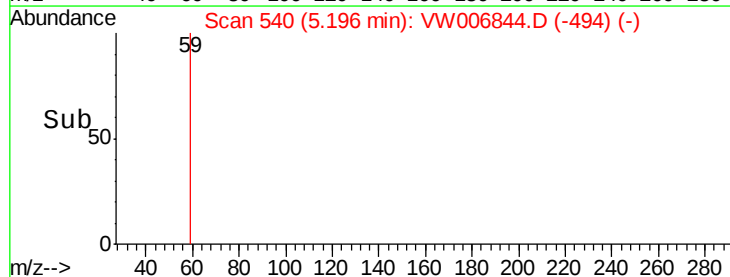
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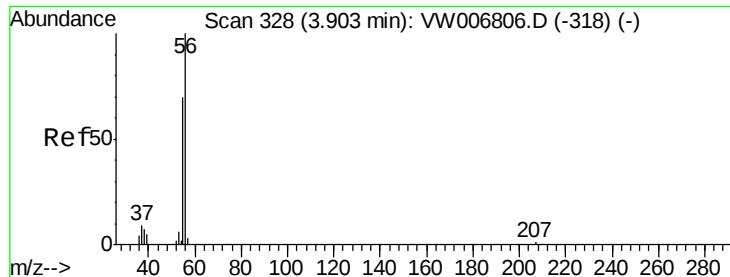
100

0

5.15 5.20

Time-->





#13

Acrolein

Concen: 97.151 ug/l

RT: 4.10 min Scan# 361

Delta R.T. 0.20 min

Lab File: VW006844.D

Acq: 13 Nov 2018 09:08

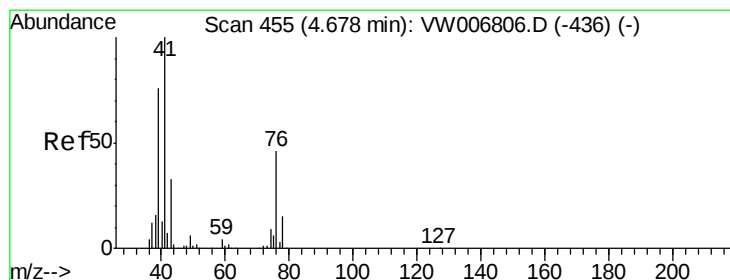
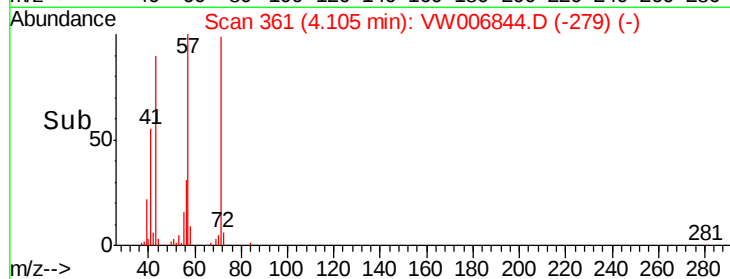
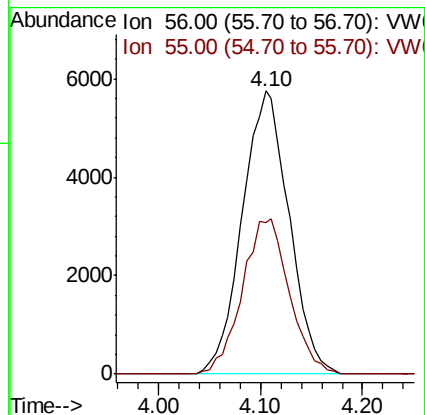
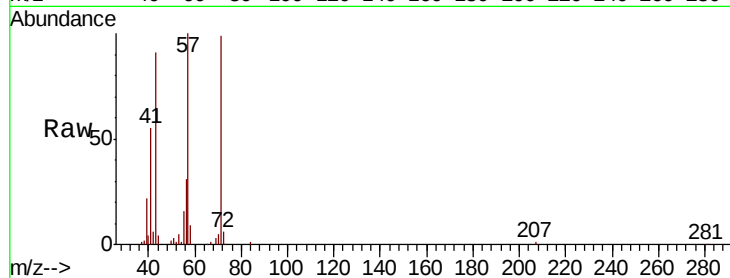
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 18300

Ion Ratio Lower Upper

56 100

55 55.2 56.1 84.1#



#14

Allyl chloride

Concen: 75.488 ug/l

RT: 4.90 min Scan# 491

Delta R.T. 0.22 min

Lab File: VW006844.D

Acq: 13 Nov 2018 09:08

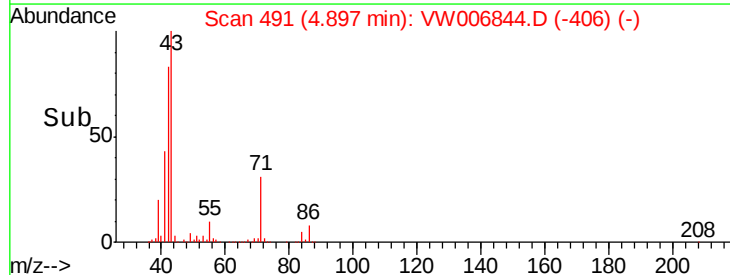
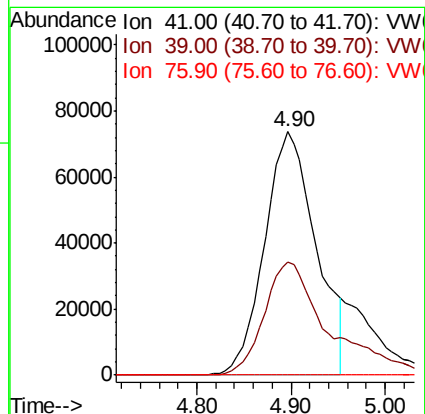
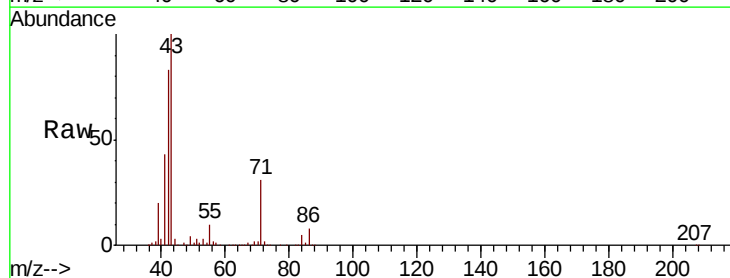
Tgt Ion: 41 Resp: 281478

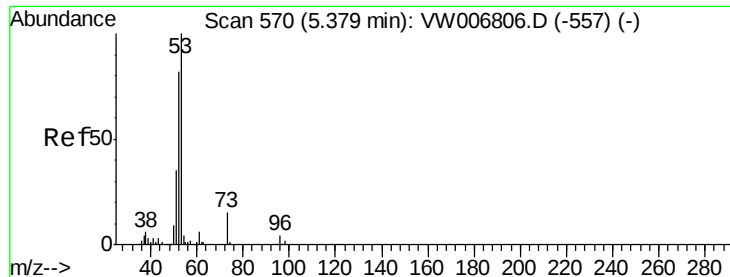
Ion Ratio Lower Upper

41 100

39 45.3 58.9 88.3#

76 0.0 34.4 51.6#





#15

Acrylonitrile

Concen: 36.526 ug/l

RT: 5.45 min Scan# 581

Delta R.T. 0.07 min

Lab File: VW006844.D

Acq: 13 Nov 2018 09:08

Instrument :

MSVOA_W

ClientSampleId :

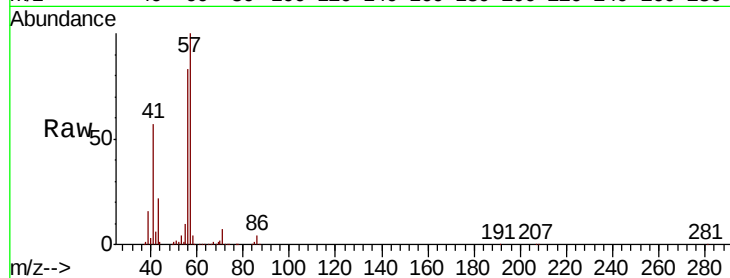
Tot Ion: 53 Resp: 20091

Ion Ratio Lower Upper

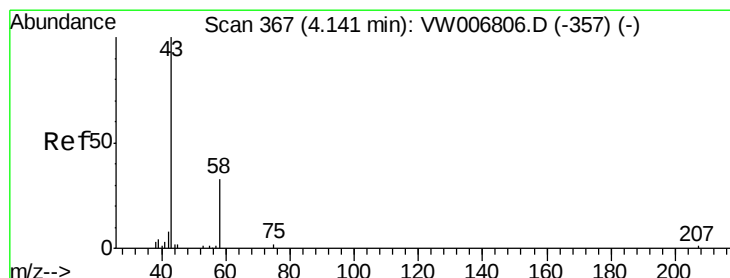
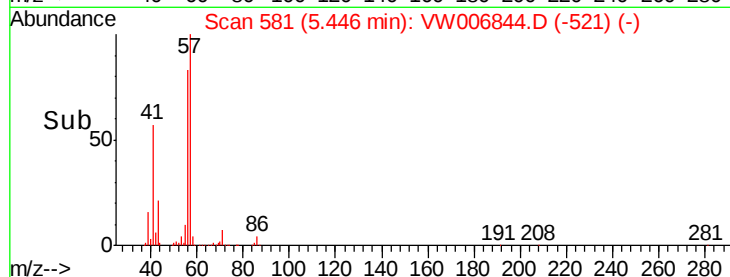
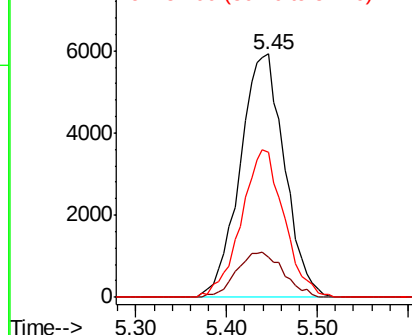
53 100

52 19.6 65.2 97.8#

51 58.3 30.0 45.0#



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 217.938 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW006844.D

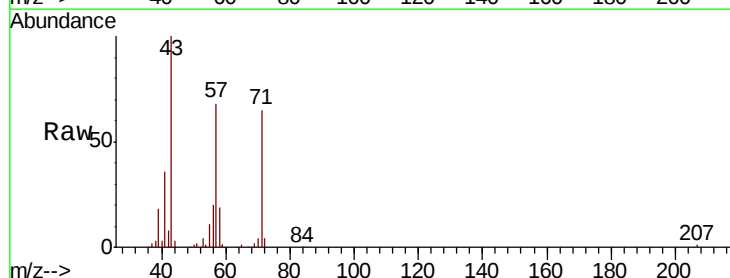
Acq: 13 Nov 2018 09:08

Tgt Ion: 43 Resp: 85876

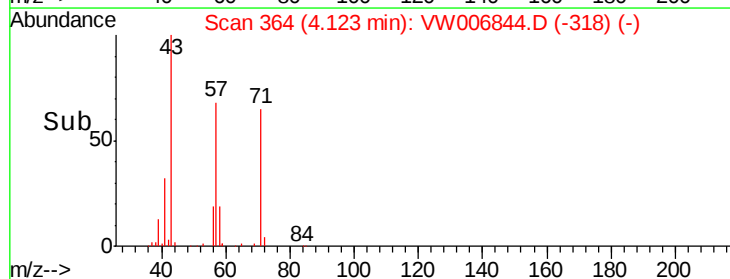
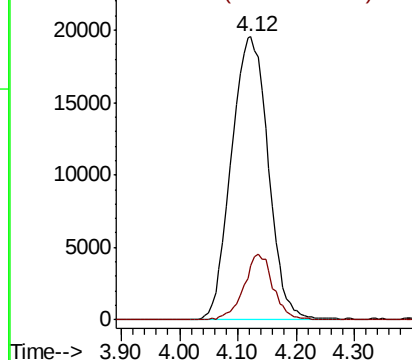
Ion Ratio Lower Upper

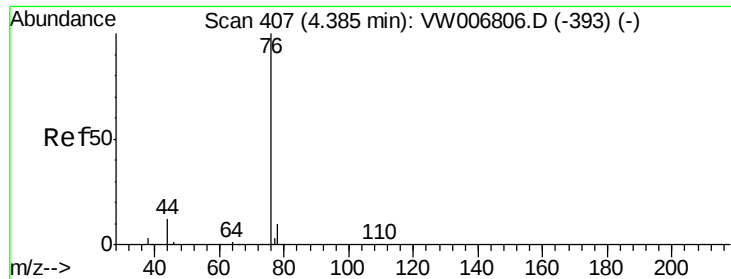
43 100

58 19.2 26.5 39.7#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

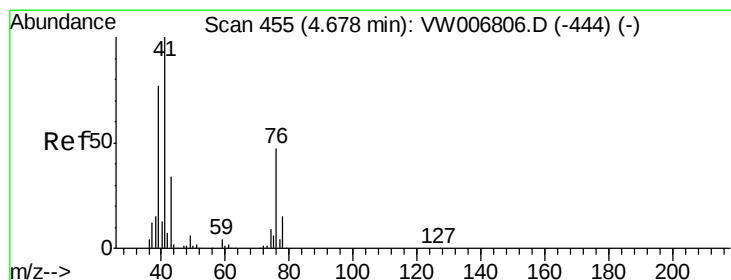
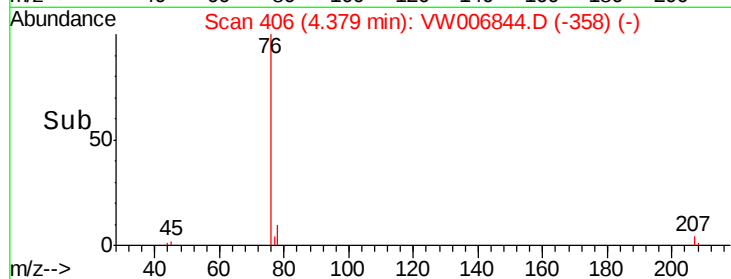
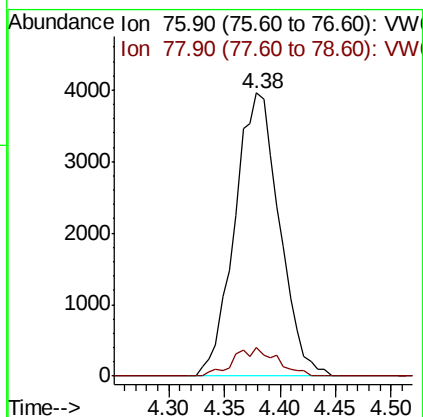
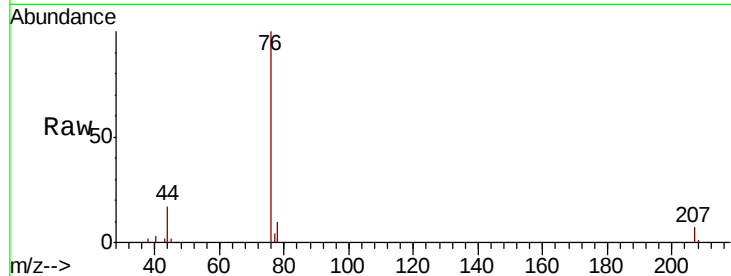




#17
Carbon Disulfide
Concen: 1.229 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW006844.D
Acq: 13 Nov 2018 09:08

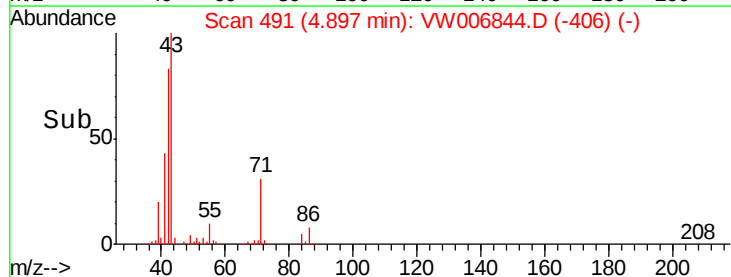
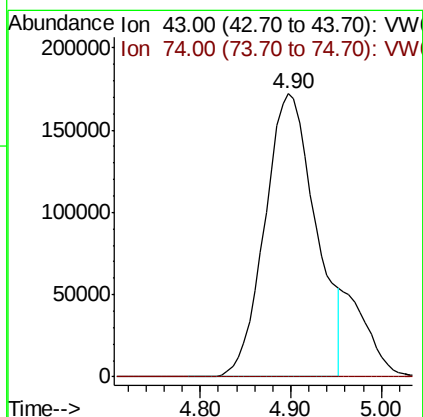
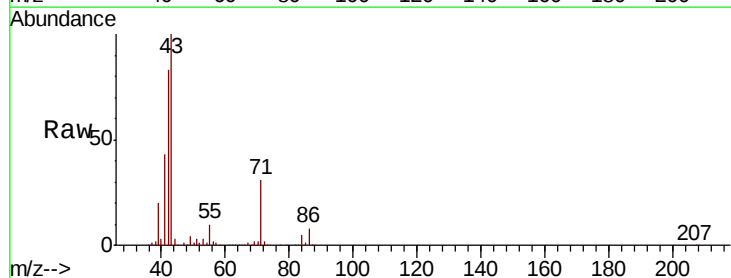
Instrument :
MSVOA_W
ClientSampleId :

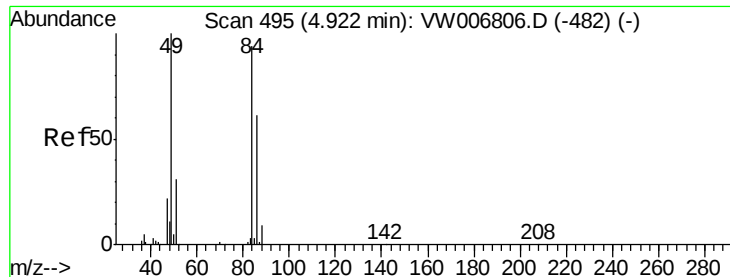
Tot Ion: 76 Resp: 11019
Ion Ratio Lower Upper
76 100
78 9.9 7.6 11.4



#18
Methyl Acetate
Concen: 496.035 ug/l
RT: 4.90 min Scan# 491
Delta R.T. 0.22 min
Lab File: VW006844.D
Acq: 13 Nov 2018 09:08

Tgt Ion: 43 Resp: 668591
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

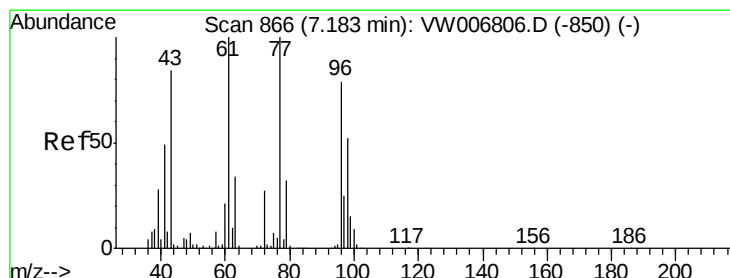
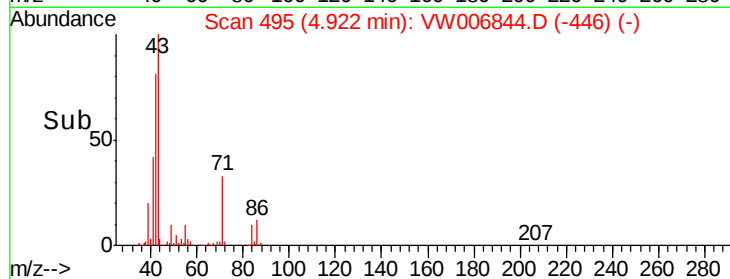
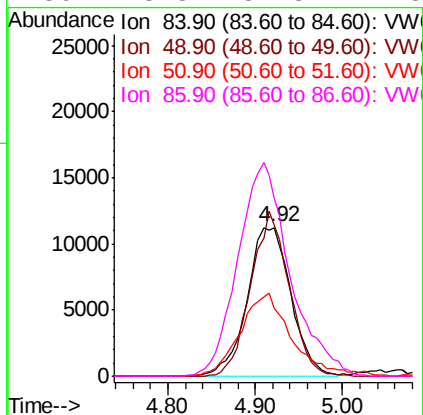
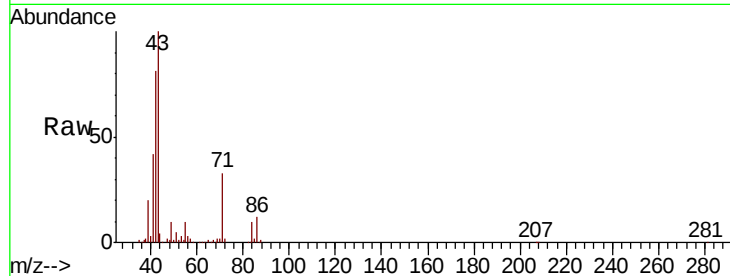




#20
Methvlene Chloride
Concen: 6.449 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006844.D
Acq: 13 Nov 2018 09:08

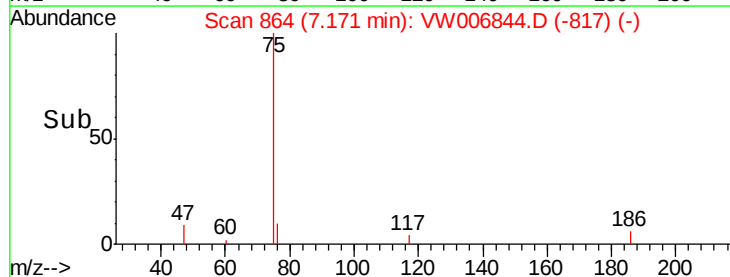
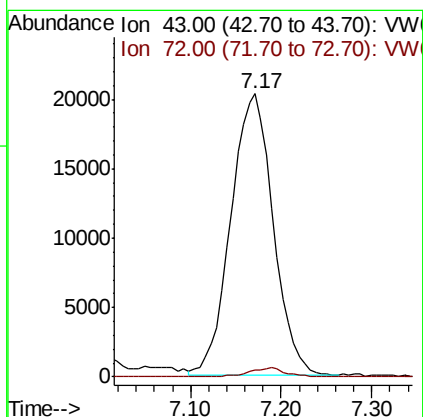
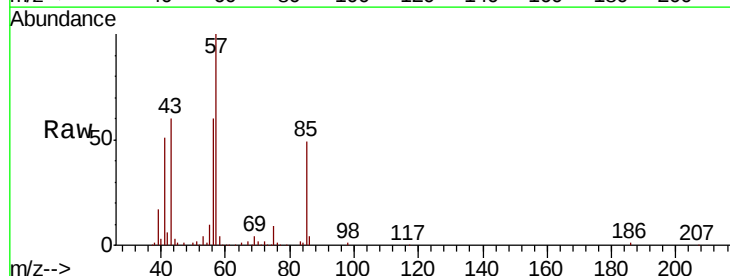
Instrument :
MSVOA_W
ClientSampled :

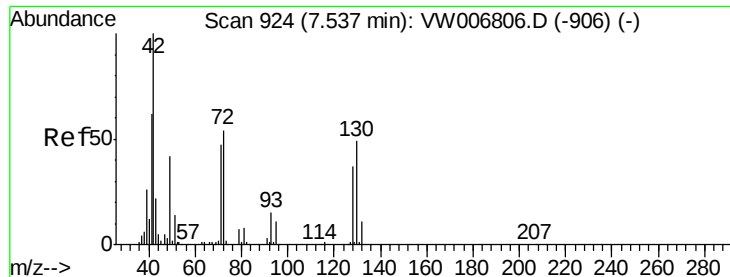
Tot Ion: 84 Resp: 39378
Ion Ratio Lower Upper
84 100
49 101.5 84.8 127.2
51 45.3 26.2 39.4#
86 118.8 51.8 77.8#



#25
2-Butanone
Concen: 98.872 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW006844.D
Acq: 13 Nov 2018 09:08

Tgt Ion: 43 Resp: 65887
Ion Ratio Lower Upper
43 100
72 2.6 25.3 37.9#

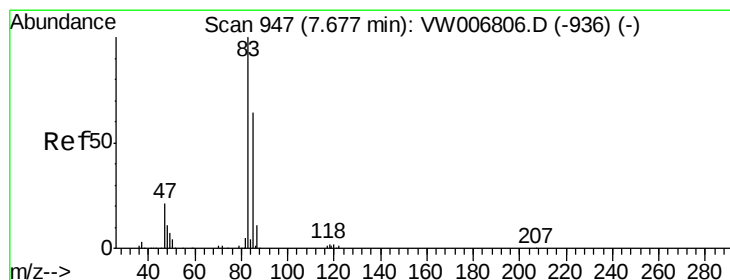
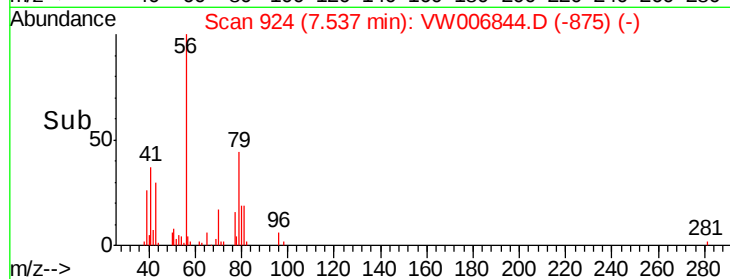
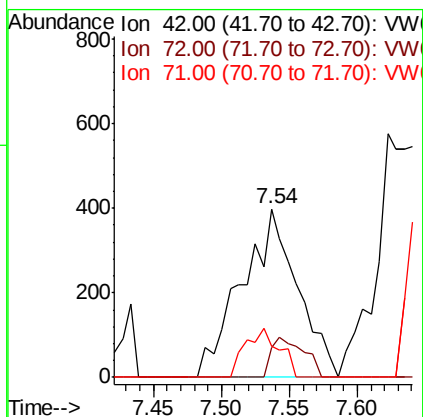
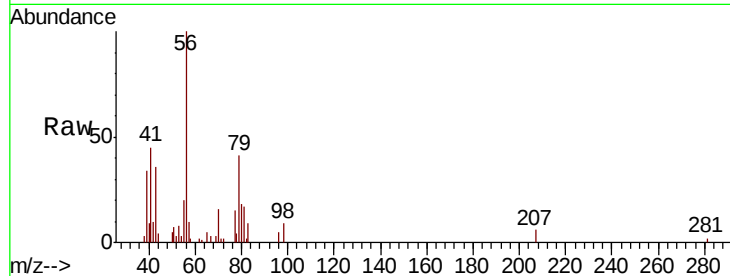




#29
Tetrahydrofuran
Concen: 2.685 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW006844.D
Acq: 13 Nov 2018 09:08

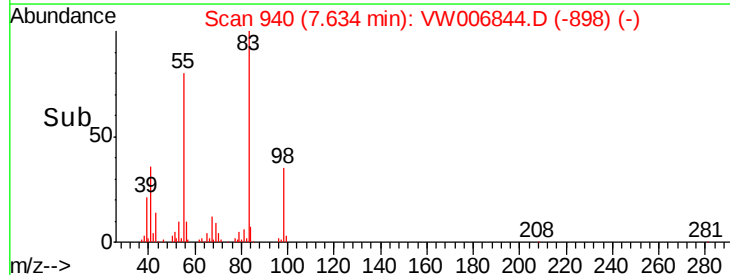
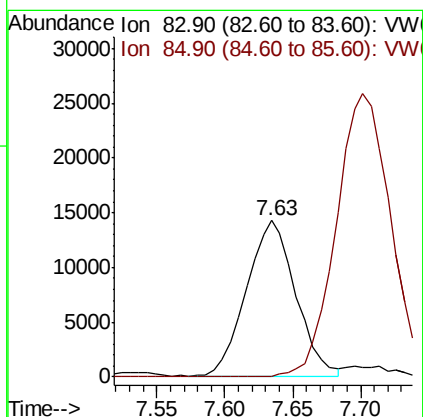
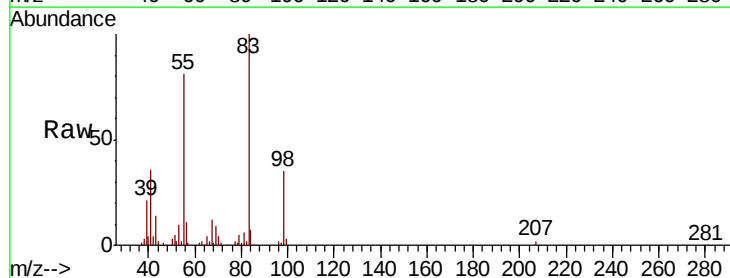
Instrument :
MSVOA_W
ClientSampleId :

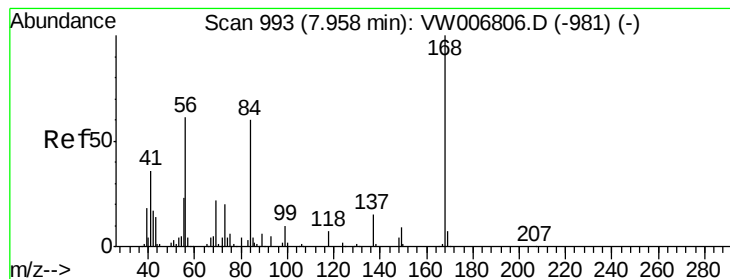
Tot Ion	Ratio	Lower	Upper
42	100		
72	0.0	40.9	61.3#
71	0.0	36.9	55.3#



#30
Chloroform
Concen: 6.488 ug/l
RT: 7.63 min Scan# 940
Delta R.T. -0.04 min
Lab File: VW006844.D
Acq: 13 Nov 2018 09:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	0.4	51.5	77.3#





#31

Cyclohexane

Concen: 242.656 ug/l

RT: 7.93 min Scan# 988

Delta R.T. -0.03 min

Lab File: VW006844.D

Acq: 13 Nov 2018 09:08

Instrument :

MSVOA_W

ClientSampleId :

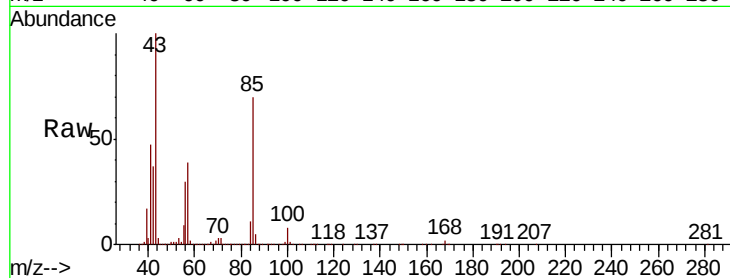
Tot Ion: 56 Resp: 1275695

Ion Ratio Lower Upper

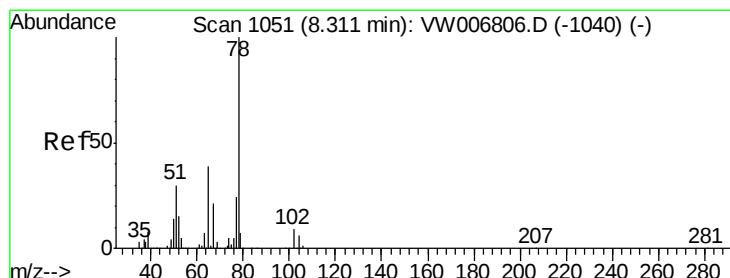
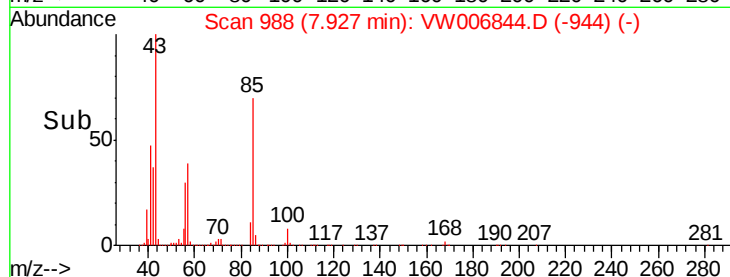
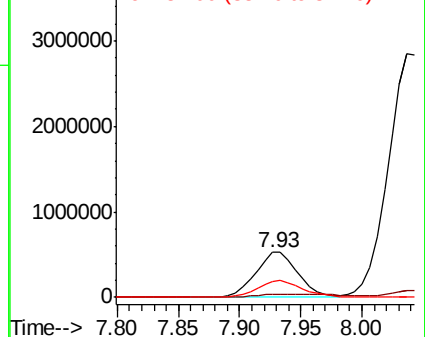
56 100

69 4.9 28.9 43.3#

84 35.8 79.0 118.4#



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



#33

1,2-Dichloroethane-d4

Concen: 57.393 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006844.D

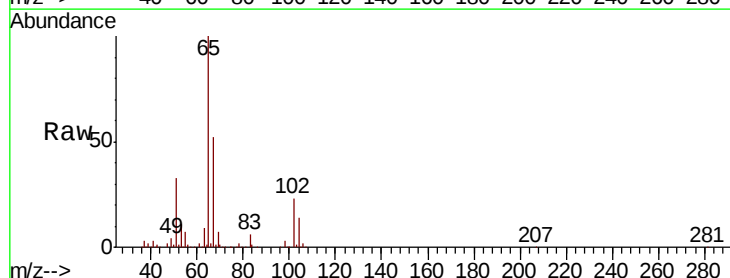
Acq: 13 Nov 2018 09:08

Tgt Ion: 65 Resp: 157471

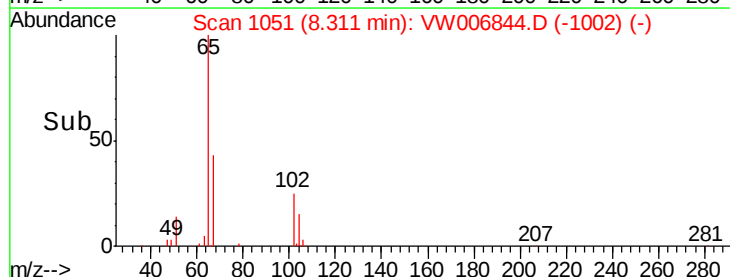
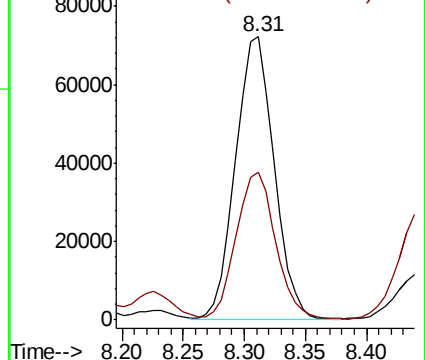
Ion Ratio Lower Upper

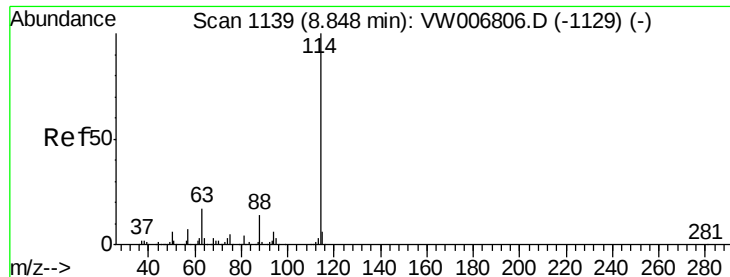
65 100

67 53.3 0.0 104.4



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

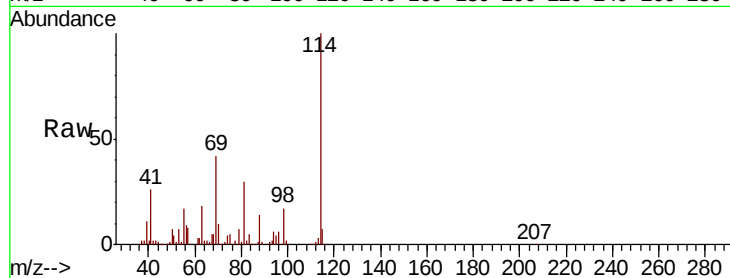




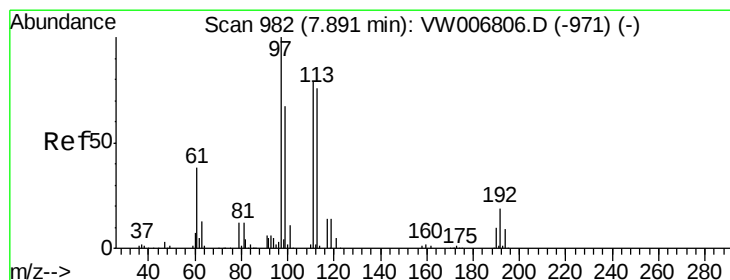
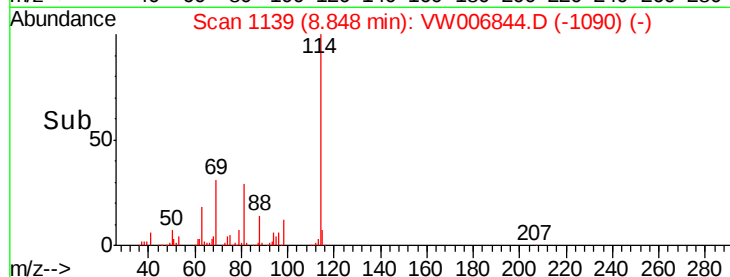
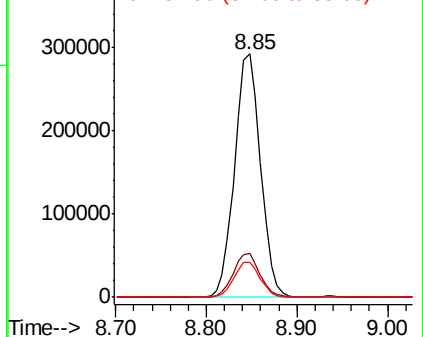
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW006844.D
Acq: 13 Nov 2018 09:08

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:114 Resp: 577880
Ion Ratio Lower Upper
114 100
63 18.1 0.0 33.6
88 14.4 0.0 28.4

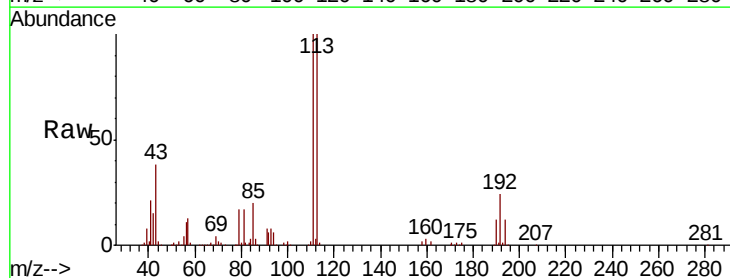


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

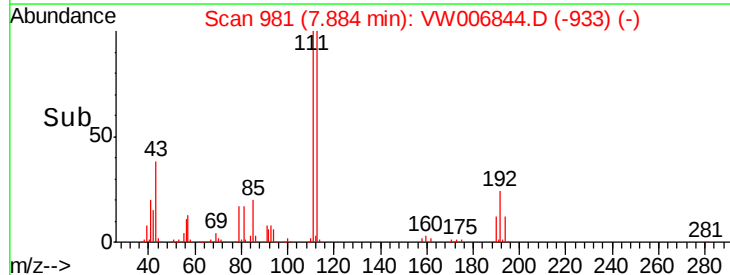
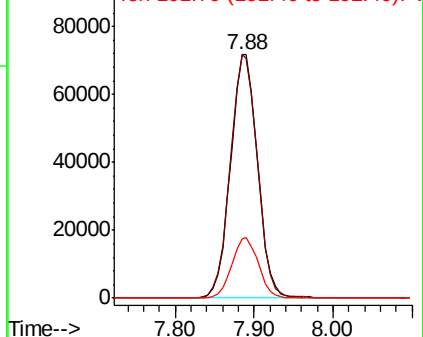


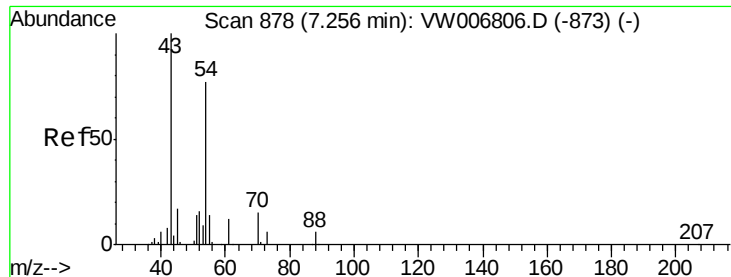
#35
Dibromofluoromethane
Concen: 49.399 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006844.D
Acq: 13 Nov 2018 09:08

Tgt Ion:113 Resp: 169989
Ion Ratio Lower Upper
113 100
111 100.9 81.0 121.6
192 24.5 19.0 28.6



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

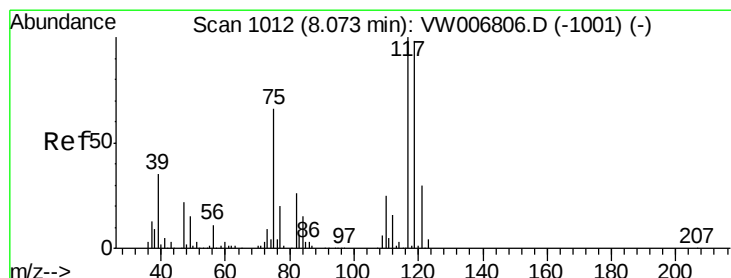
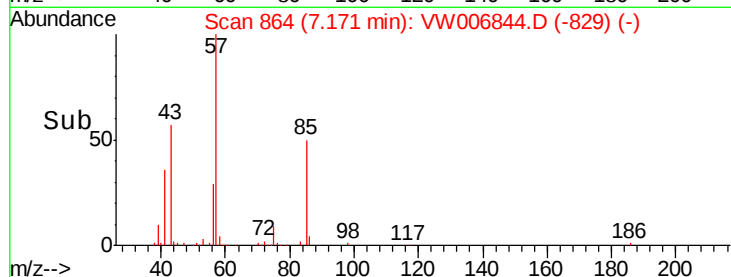
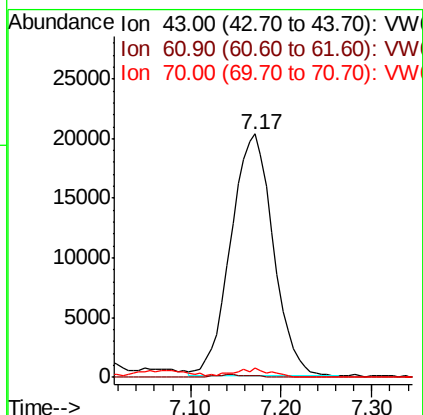
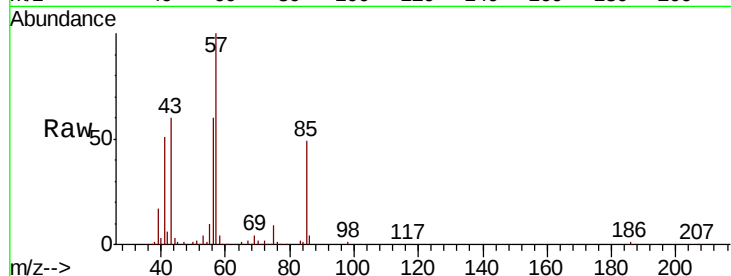




#37
Ethyl Acetate
Concen: 37.259 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.09 min
Lab File: VW006844.D
Acq: 13 Nov 2018 09:08

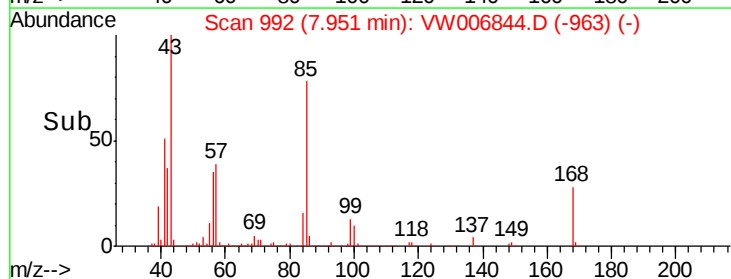
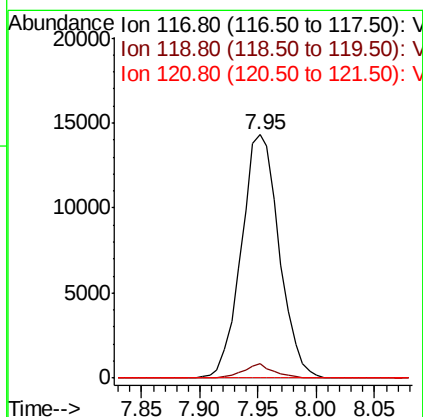
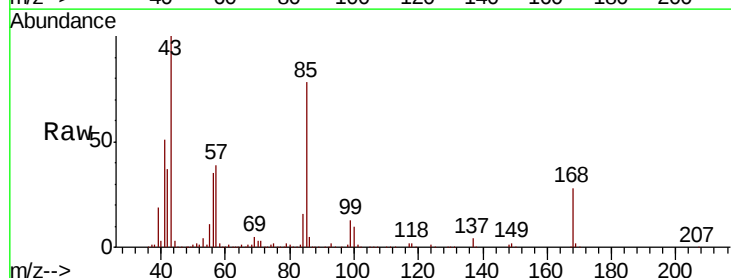
Instrument :
MSVOA_W
ClientSampled :

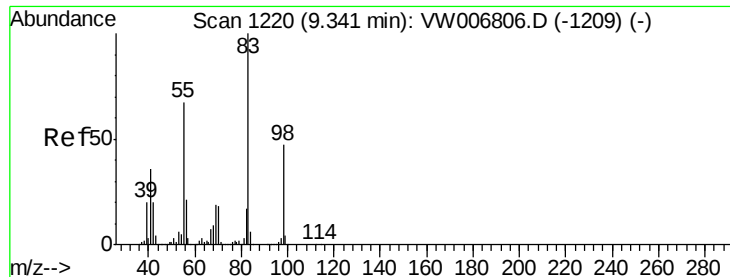
Tot Ion: 43 Resp: 65887
Ion Ratio Lower Upper
43 100
61 0.0 11.7 17.5#
70 1.0 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 5.507 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006844.D
Acq: 13 Nov 2018 09:08

Tgt Ion: 117 Resp: 32369
Ion Ratio Lower Upper
117 100
119 5.9 78.5 117.7#
121 0.0 24.2 36.2#

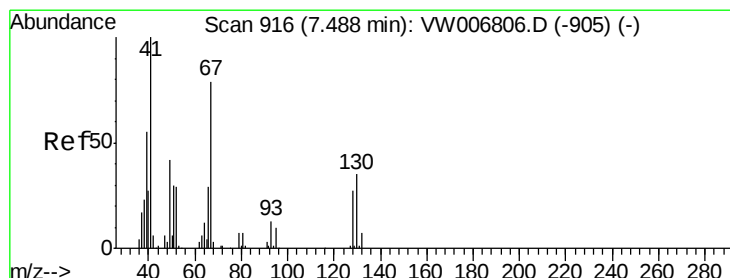
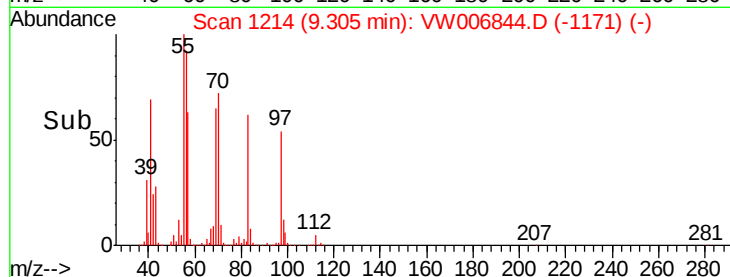
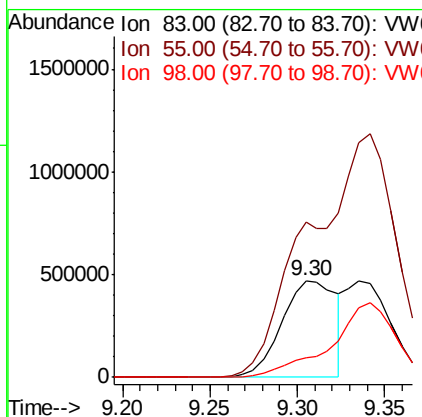
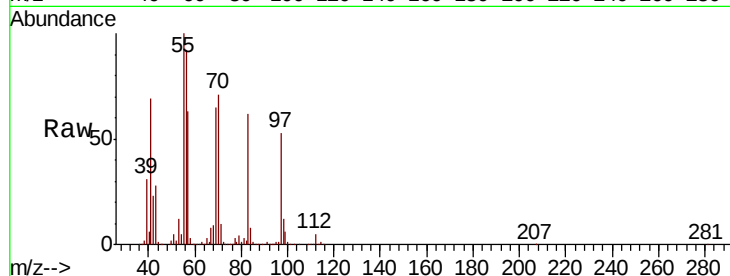




#39
Methylcyclohexane
Concen: 146.253 ug/l
RT: 9.30 min Scan# 1214
Delta R.T. -0.04 min
Lab File: VW006844.D
Acq: 13 Nov 2018 09:08

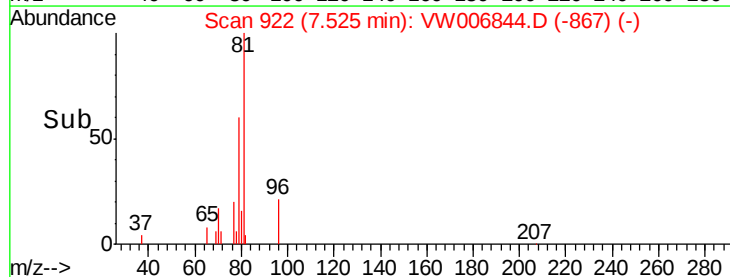
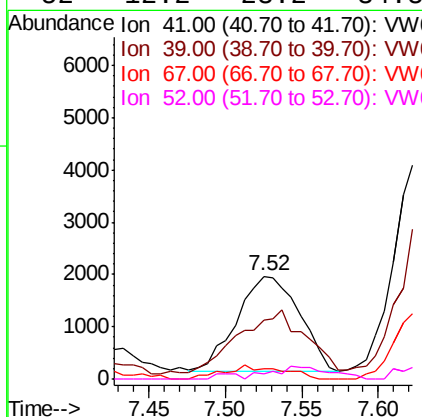
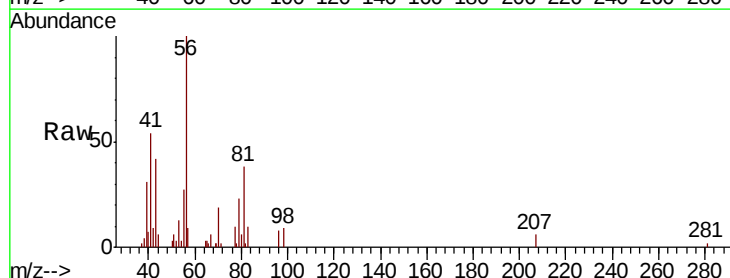
Instrument :
MSVOA_W
ClientSampled :

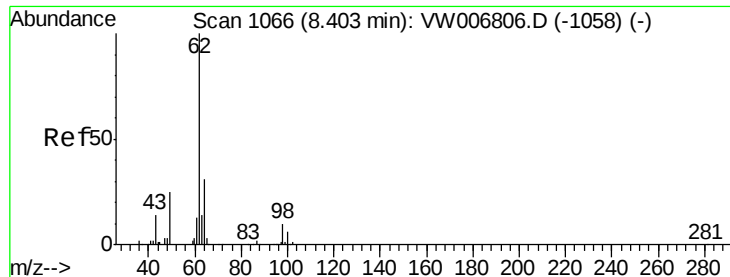
Tot Ion: 83 Resp: 1026120
Ion Ratio Lower Upper
83 100
55 160.5 53.3 79.9#
98 19.7 37.9 56.9#



#41
Methacrylonitrile
Concen: 4.709 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.04 min
Lab File: VW006844.D
Acq: 13 Nov 2018 09:08

Tgt Ion: 41 Resp: 5113
Ion Ratio Lower Upper
41 100
39 73.8 48.1 72.1#
67 0.0 61.4 92.2#
52 12.2 23.2 34.8#





#42

1,2-Dichloroethane

Concen: 11.839 ug/l

RT: 8.50 min Scan# 1082

Delta R.T. 0.10 min

Lab File: VW006844.D

Acq: 13 Nov 2018 09:08

Instrument :

MSVOA_W

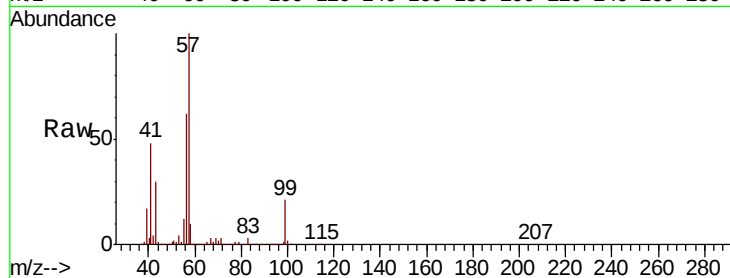
ClientSampleId :

Tot Ion: 62 Resp: 47698

Ion Ratio Lower Upper

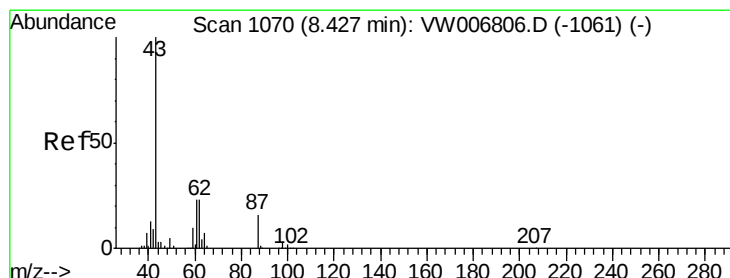
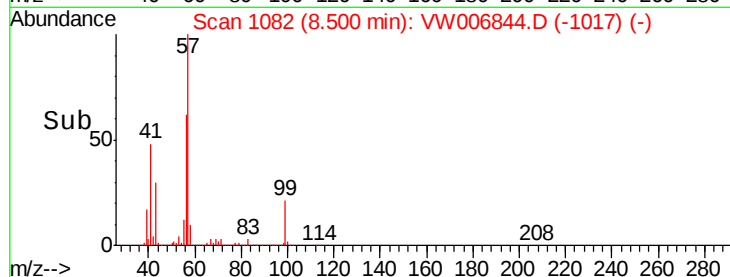
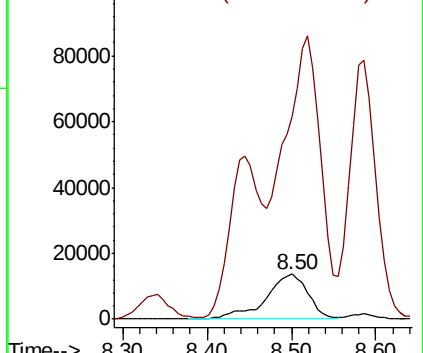
62 100

98 548.0 0.0 20.0#



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW



#43

Isopropyl Acetate

Concen: 255.812 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006844.D

Acq: 13 Nov 2018 09:08

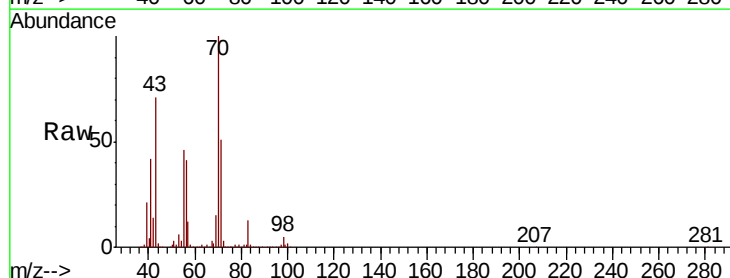
Tgt Ion: 43 Resp: 879768

Ion Ratio Lower Upper

43 100

61 0.0 27.0 40.4#

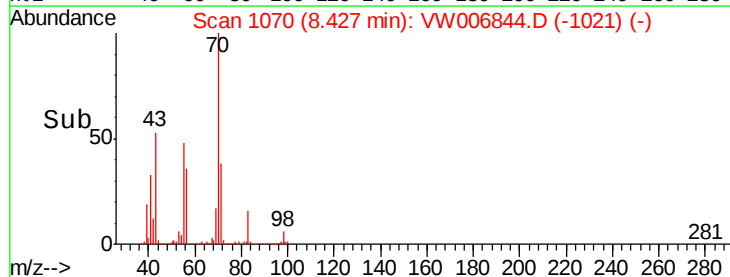
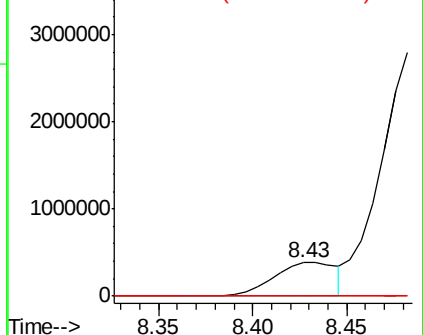
87 0.0 13.0 19.4#

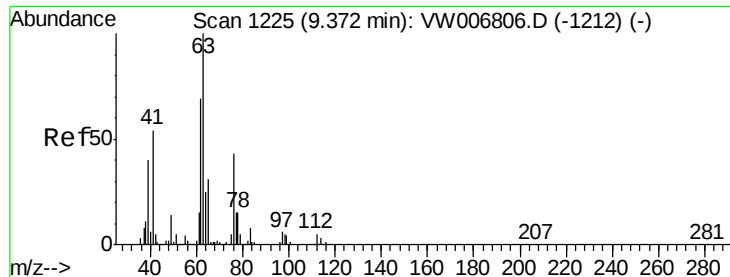


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW





#45

1,2-Dichloropropane

Concen: 10.475 ug/l

RT: 9.40 min Scan# 1229

Delta R.T. 0.02 min

Lab File: VW006844.D

Acq: 13 Nov 2018 09:08

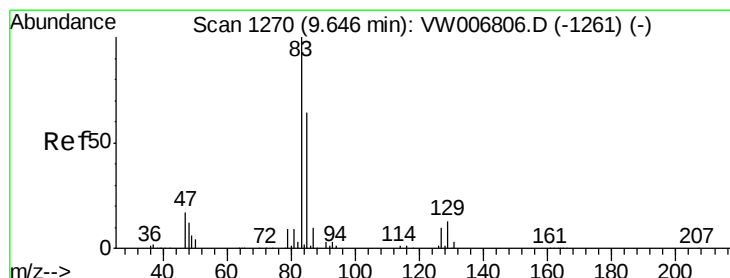
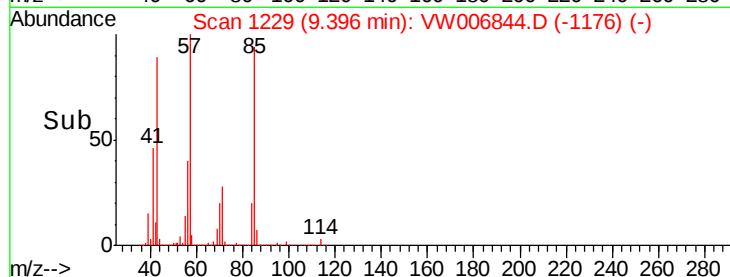
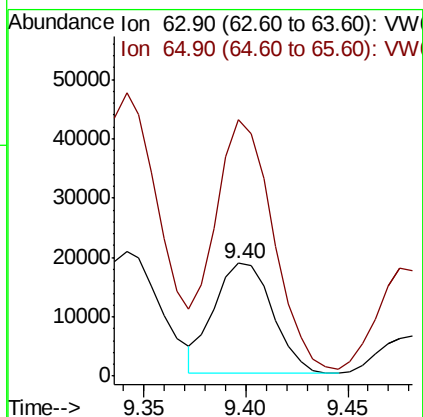
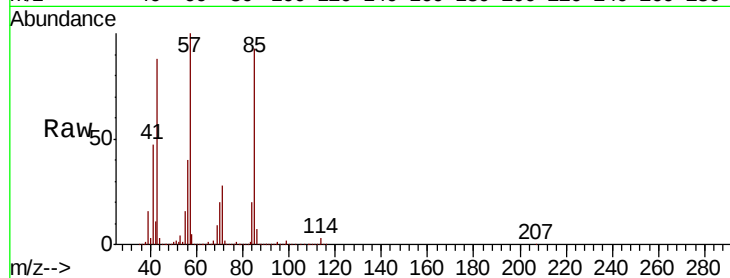
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 63 Resp: 36712

Ion Ratio Lower Upper

63 100

65 227.7 24.4 36.6#



#47

Bromodichloromethane

Concen: 184.143 ug/l

RT: 9.63 min Scan# 1267

Delta R.T. -0.02 min

Lab File: VW006844.D

Acq: 13 Nov 2018 09:08

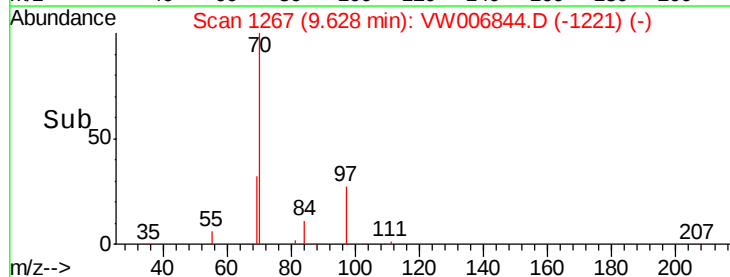
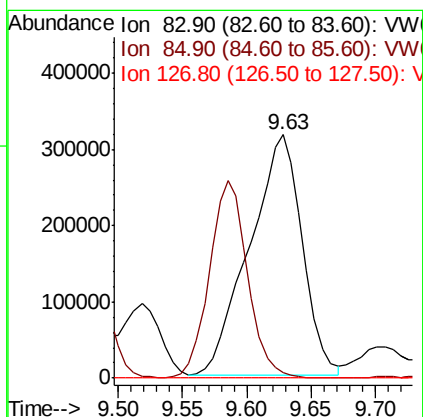
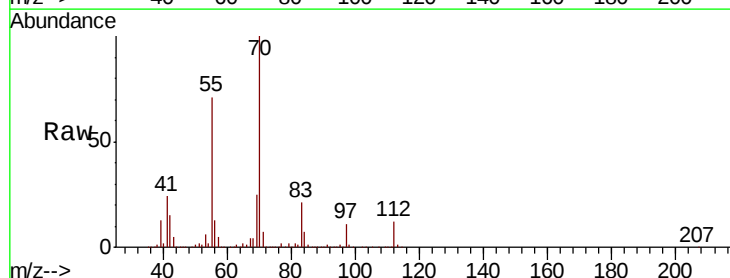
Tgt Ion: 83 Resp: 891045

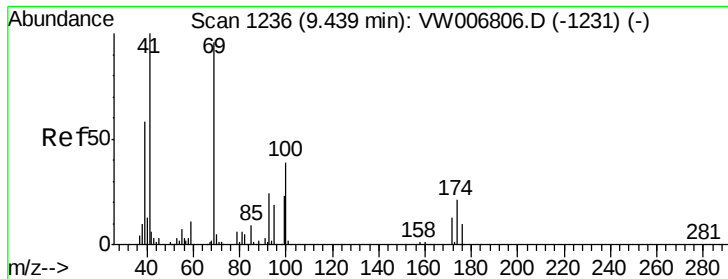
Ion Ratio Lower Upper

83 100

85 2.3 51.4 77.0#

127 0.0 7.6 11.4#

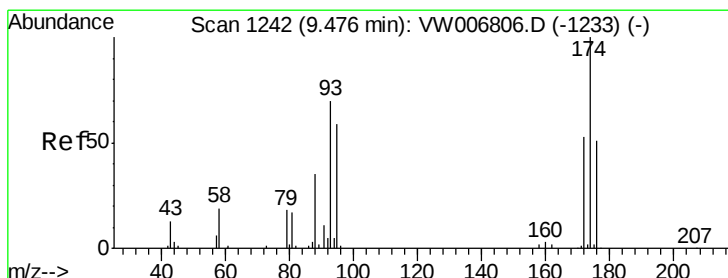
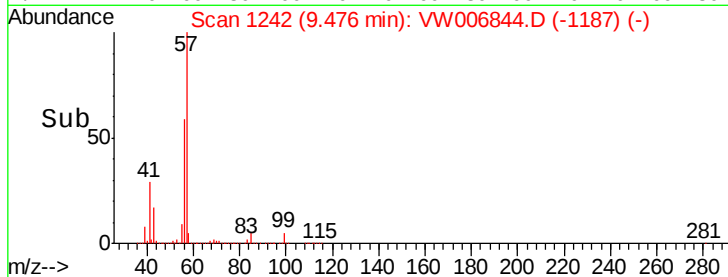
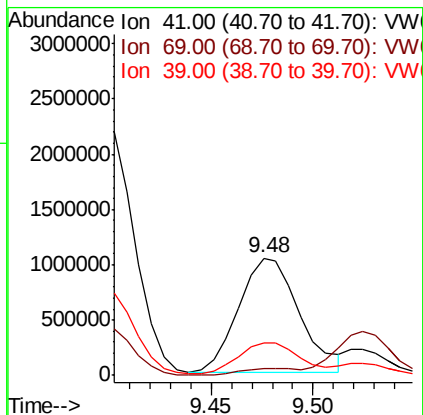
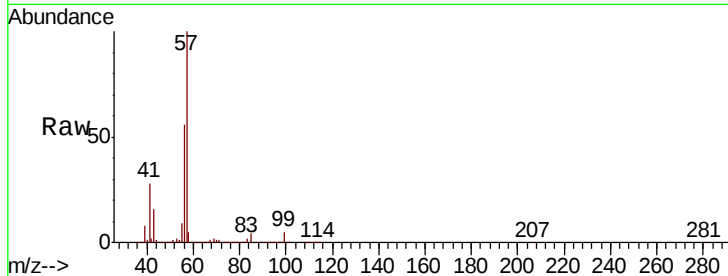




#48
Methyl methacrylate
Concen: 1267.298 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.04 min
Lab File: VW006844.D
Acq: 13 Nov 2018 09:08

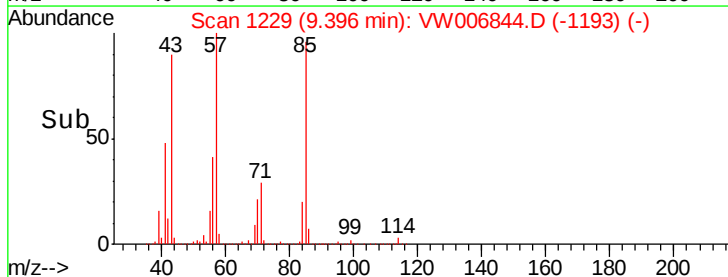
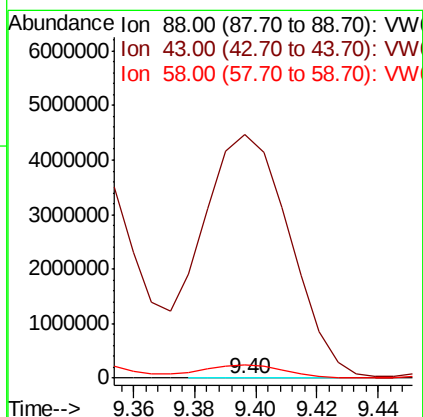
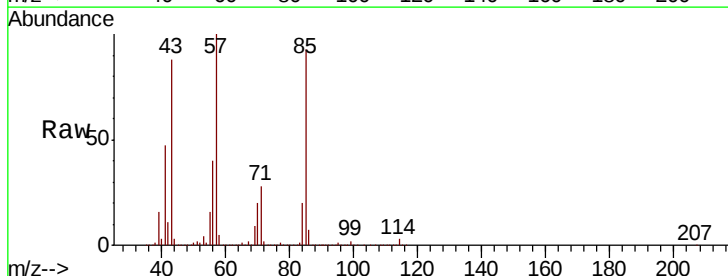
Instrument :
MSVOA_W
ClientSampled :

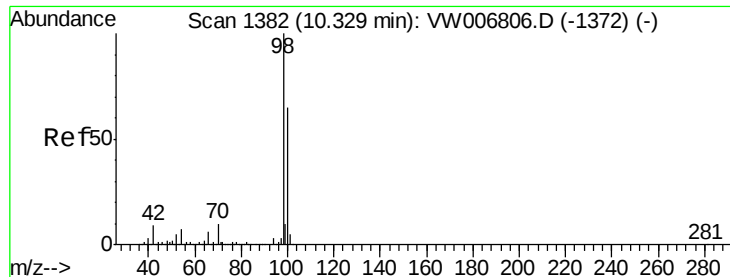
Tot Ion: 41 Resp: 2136826
Ion Ratio Lower Upper
41 100
69 5.8 79.8 119.6#
39 28.2 45.9 68.9#



#49
1,4-Dioxane
Concen: 10.484 ug/l
RT: 9.40 min Scan# 1229
Delta R.T. -0.08 min
Lab File: VW006844.D
Acq: 13 Nov 2018 09:08

Tgt Ion: 88 Resp: 309
Ion Ratio Lower Upper
88 100
43 2847710.4 0.0 0.0#
58 149055.7 50.6 75.8#

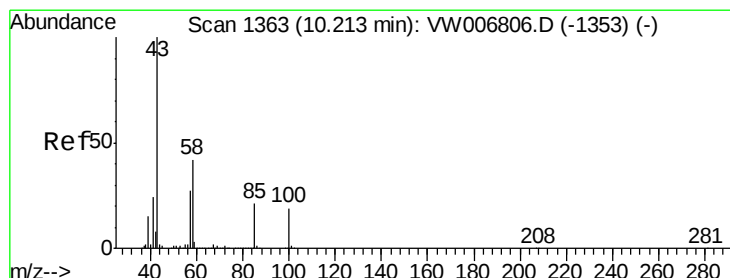
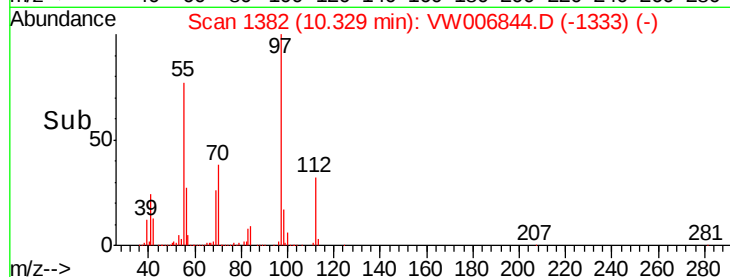
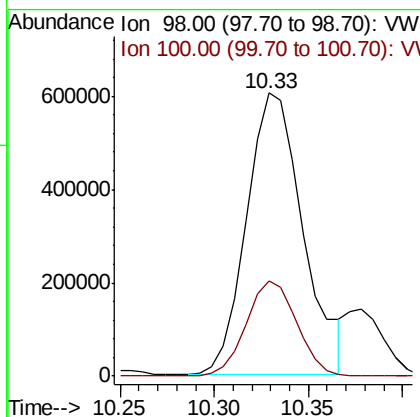
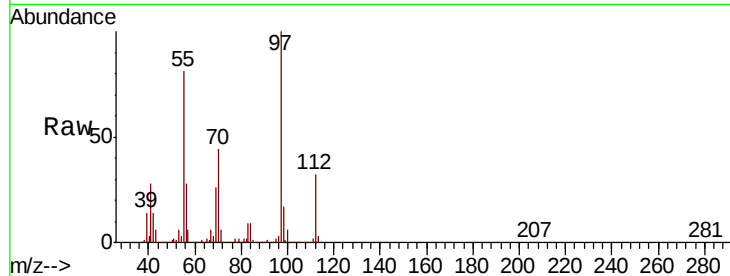




#50
Toluene-d8
Concen: 88.078 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006844.D
Acq: 13 Nov 2018 09:08

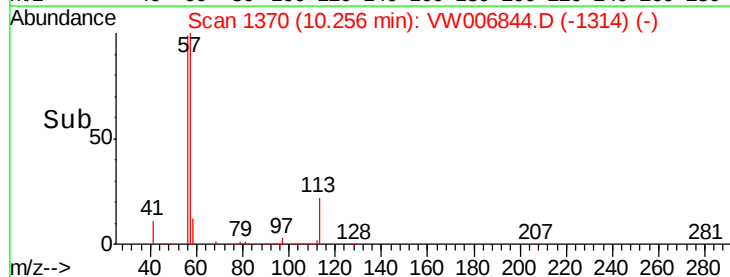
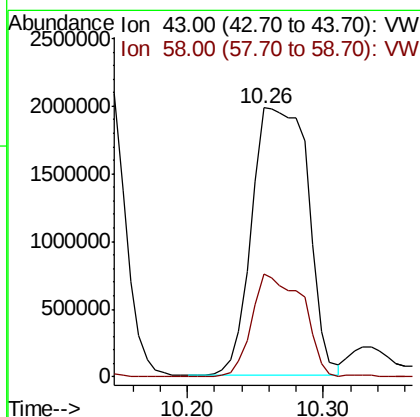
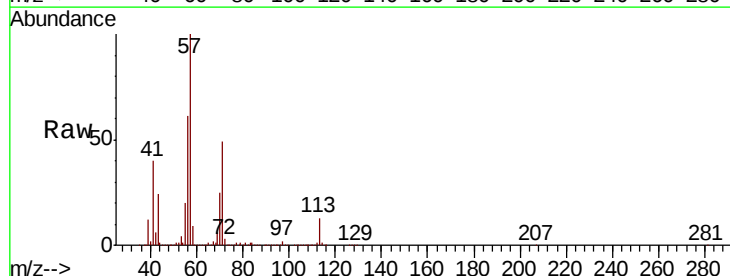
Instrument :
MSVOA_W
ClientSampled :

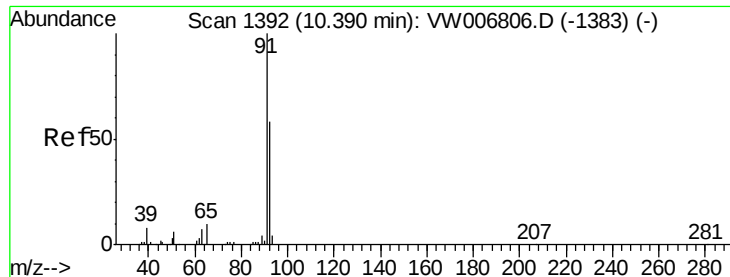
Tot Ion: 98 Resp: 1256251
Ion Ratio Lower Upper
98 100
100 30.3 51.4 77.2#



#51
4-Methyl-2-Pentanone
Concen: 3300.565 ug/l
RT: 10.26 min Scan# 1370
Delta R.T. 0.04 min
Lab File: VW006844.D
Acq: 13 Nov 2018 09:08

Tgt Ion: 43 Resp: 5691731
Ion Ratio Lower Upper
43 100
58 34.8 34.0 51.0





#52

Toluene

Concen: 8.004 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW006844.D

Acq: 13 Nov 2018 09:08

Instrument :

MSVOA_W

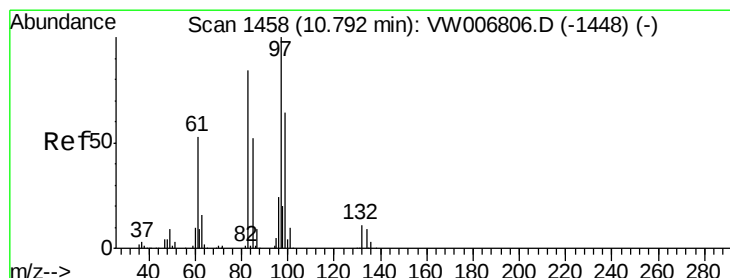
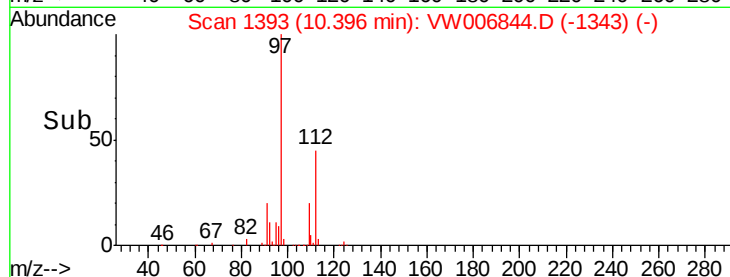
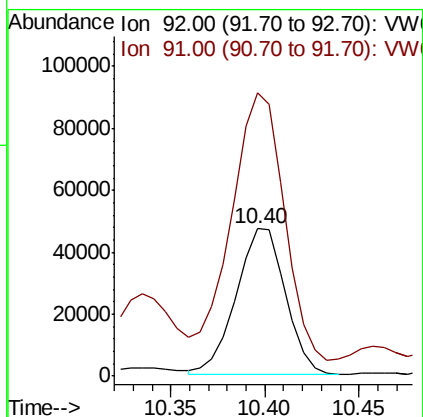
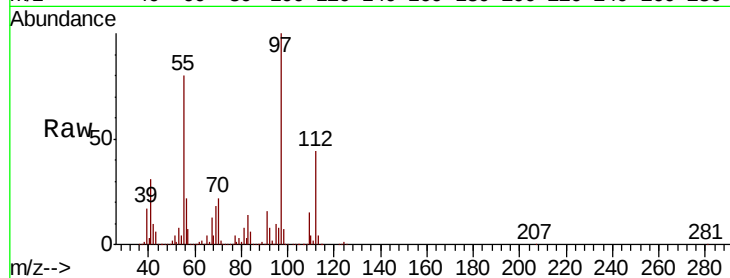
ClientSampled :

Tot Ion: 92 Resp: 85331

Ion Ratio Lower Upper

92 100

91 208.4 139.4 209.2



#55

1,1,2-Trichloroethane

Concen: 2130.630 ug/l

RT: 10.77 min Scan# 1454

Delta R.T. -0.02 min

Lab File: VW006844.D

Acq: 13 Nov 2018 09:08

Tgt Ion: 97 Resp: 6167952

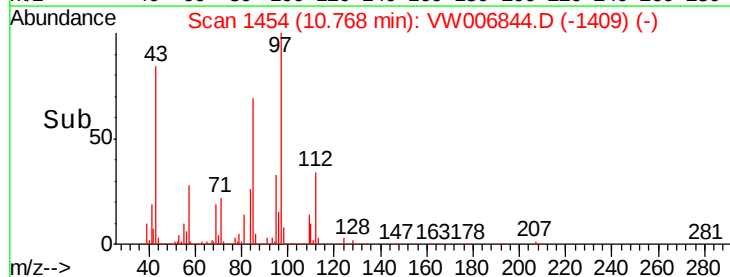
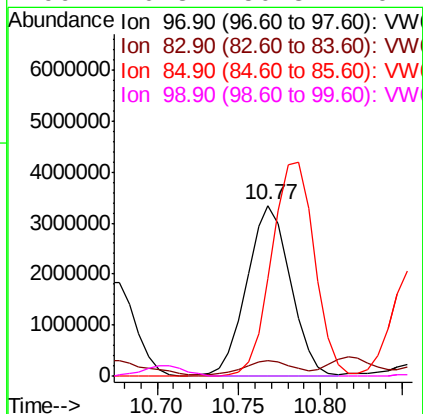
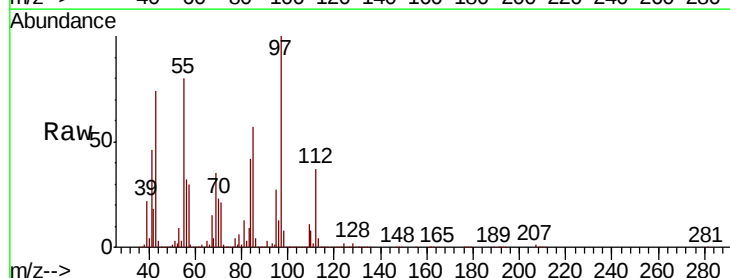
Ion Ratio Lower Upper

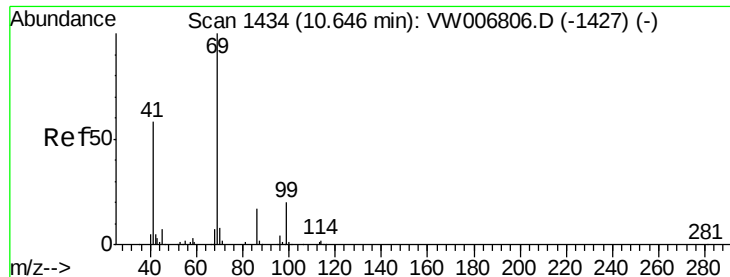
97 100

83 8.3 67.0 100.4#

85 56.8 41.7 62.5

99 0.3 50.8 76.2#





#56

Ethyl methacrylate

Concen: 167.601 ug/l

RT: 10.63 min Scan# 1431

Delta R.T. -0.02 min

Lab File: VW006844.D

Acq: 13 Nov 2018 09:08

Instrument :

MSVOA_W

ClientSampled :

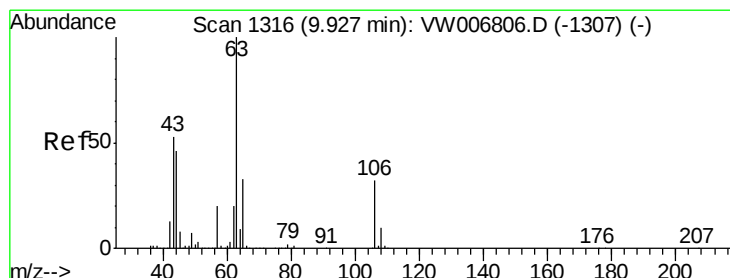
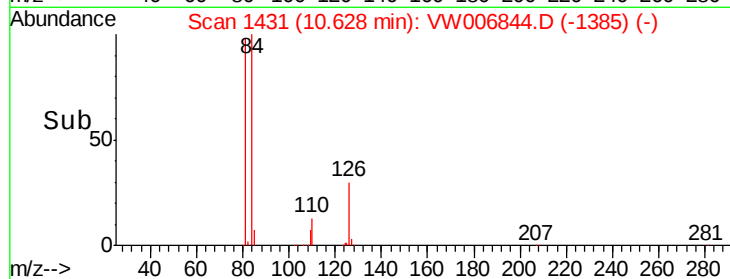
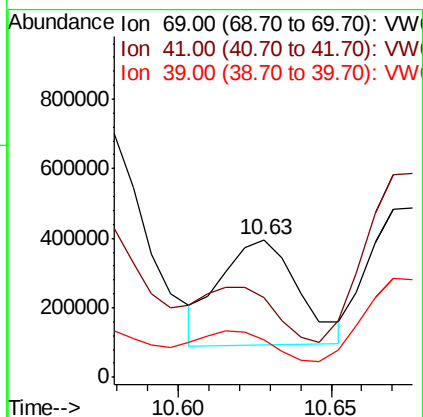
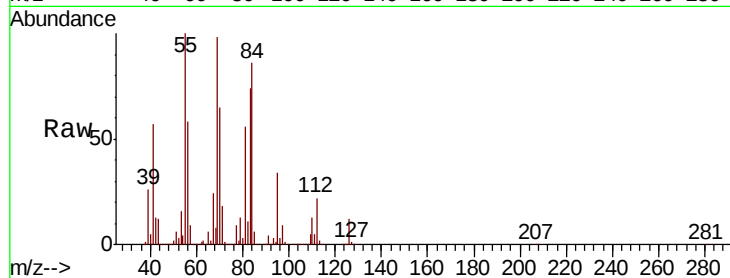
Tot Ion: 69 Resp: 531738

Ion Ratio Lower Upper

69 100

41 45.7 47.0 70.4#

39 26.2 23.1 34.7



#58

2-Chloroethyl Vinyl ether

Concen: 71.283 ug/l

RT: 9.91 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VW006844.D

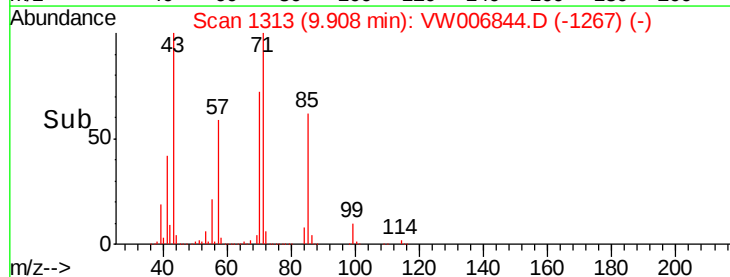
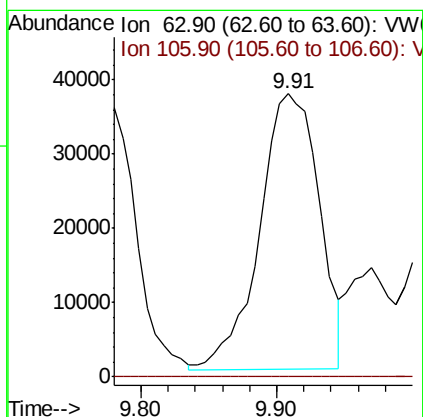
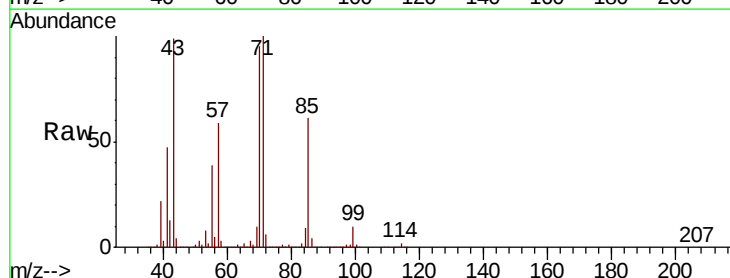
Acq: 13 Nov 2018 09:08

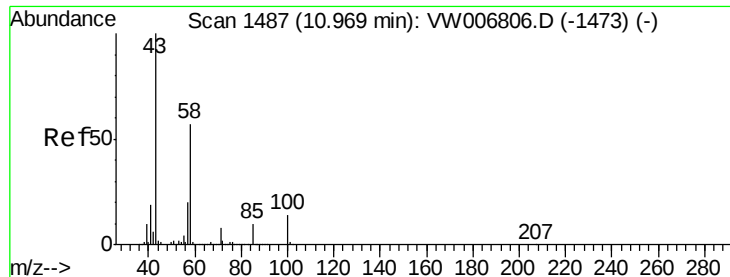
Tgt Ion: 63 Resp: 113267

Ion Ratio Lower Upper

63 100

106 0.1 25.4 38.0#

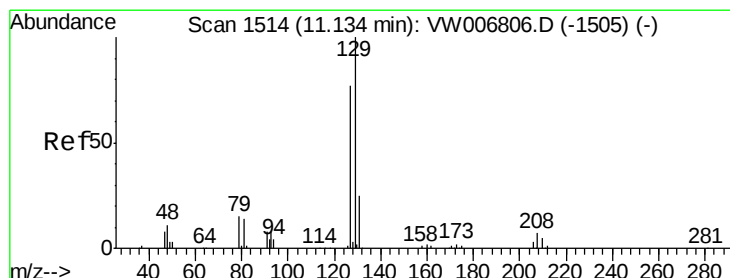
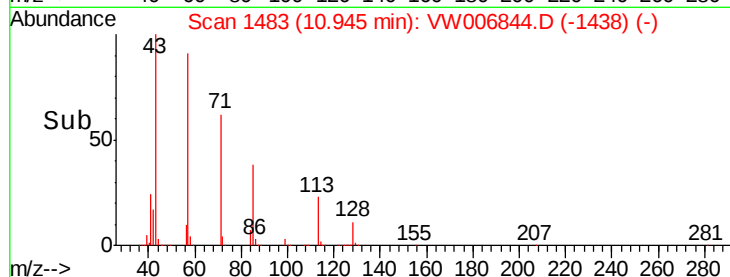
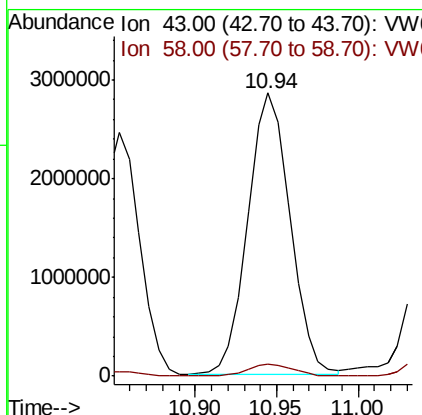
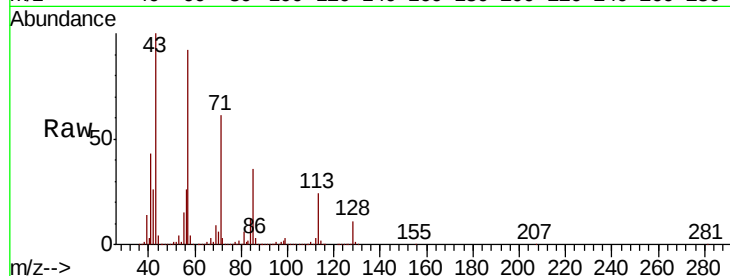




#59
2-Hexanone
Concen: 4317.483 ug/l
RT: 10.94 min Scan# 1483
Delta R.T. -0.02 min
Lab File: VW006844.D
Acq: 13 Nov 2018 09:08

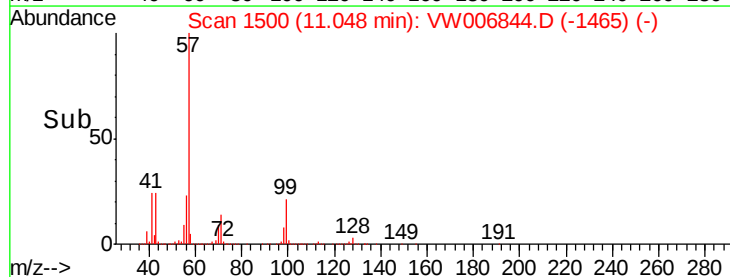
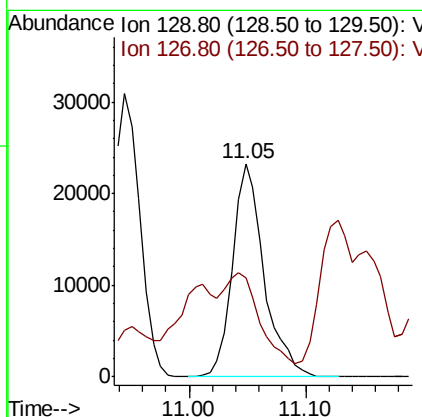
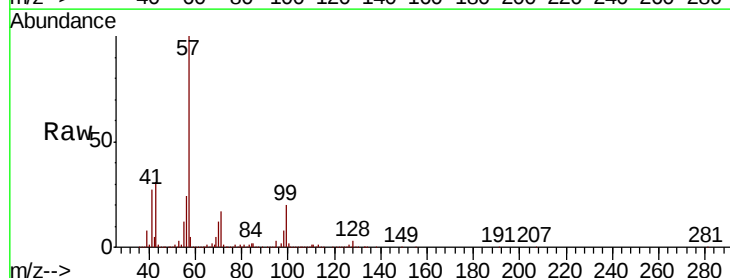
Instrument :
MSVOA_W
ClientSampleId :

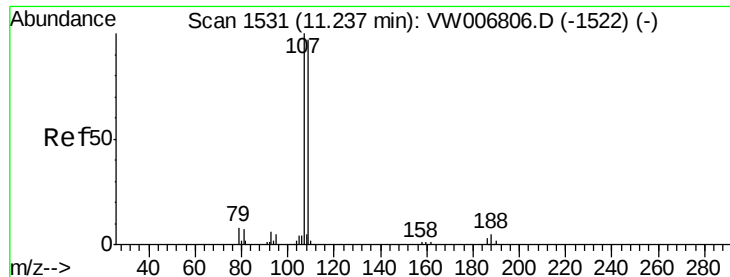
Tot Ion: 43 Resp: 5135542
Ion Ratio Lower Upper
43 100
58 4.5 28.7 86.1#



#60
Dibromochloromethane
Concen: 12.393 ug/l
RT: 11.05 min Scan# 1500
Delta R.T. -0.09 min
Lab File: VW006844.D
Acq: 13 Nov 2018 09:08

Tgt Ion: 129 Resp: 43899
Ion Ratio Lower Upper
129 100
127 45.3 38.7 116.1

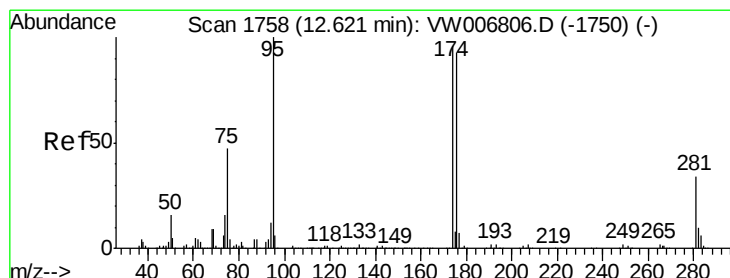
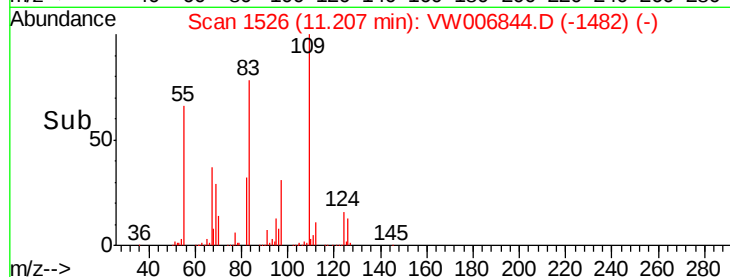
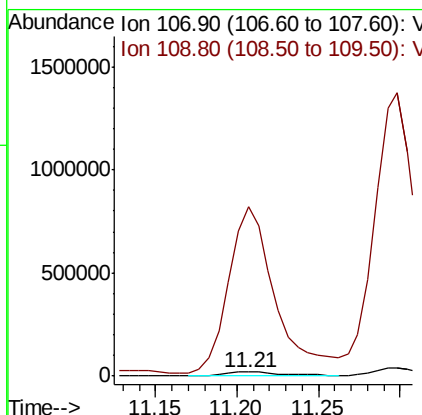
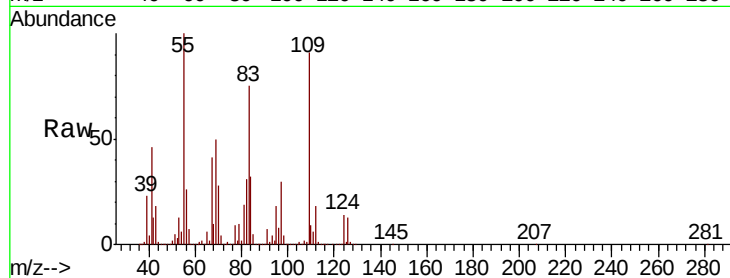




#61
 1,2-Dibromoethane
 Concen: 14.964 ug/l
 RT: 11.21 min Scan# 1526
 Delta R.T. -0.03 min
 Lab File: VW006844.D
 Acq: 13 Nov 2018 09:08

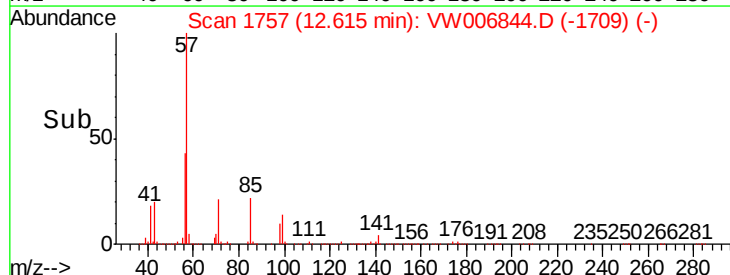
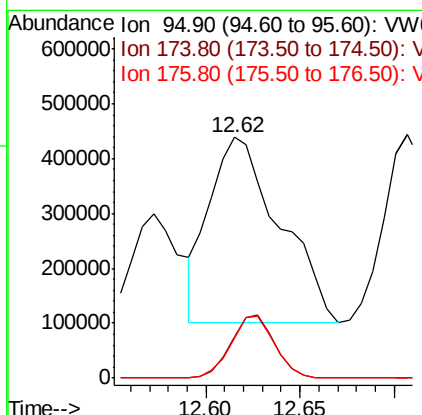
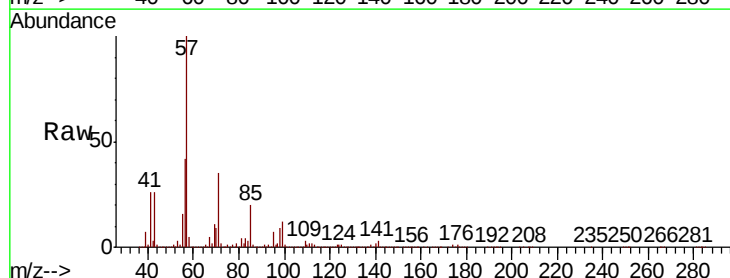
Instrument :
 MSVOA_W
 ClientSampleId :

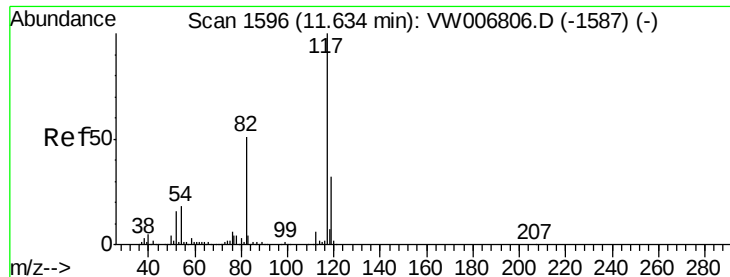
Tot Ion:107 Resp: 41141
 Ion Ratio Lower Upper
 107 100
 109 3922.4 76.7 115.1#



#62
 4-Bromofluorobenzene
 Concen: 166.316 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW006844.D
 Acq: 13 Nov 2018 09:08

Tgt Ion: 95 Resp: 873687
 Ion Ratio Lower Upper
 95 100
 174 21.2 0.0 196.6
 176 20.8 0.0 191.6

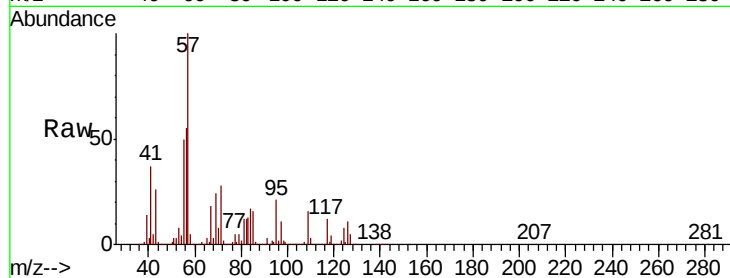




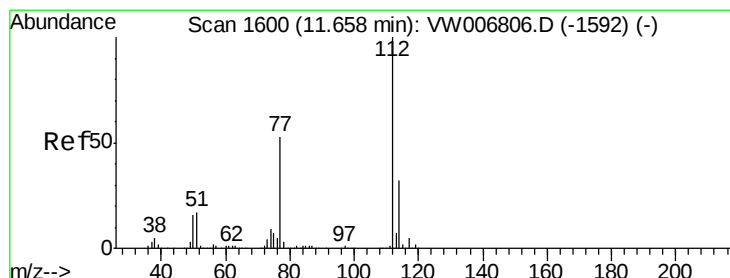
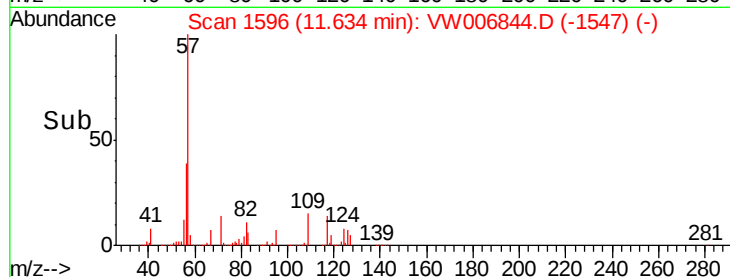
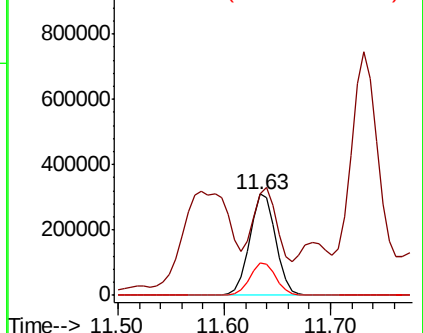
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006844.D
Acq: 13 Nov 2018 09:08

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 533419
Ion Ratio Lower Upper
117 100
82 55.0 40.6 61.0
119 31.9 25.5 38.3

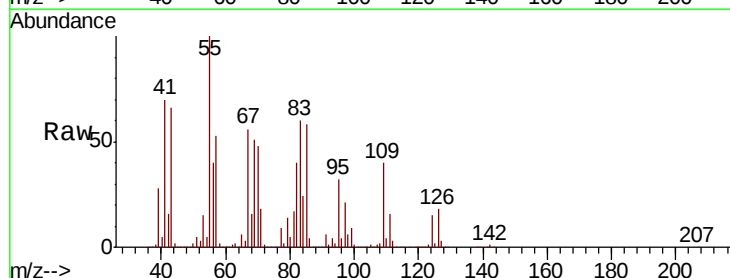


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

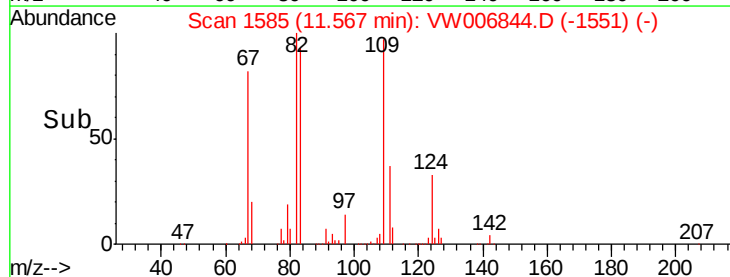
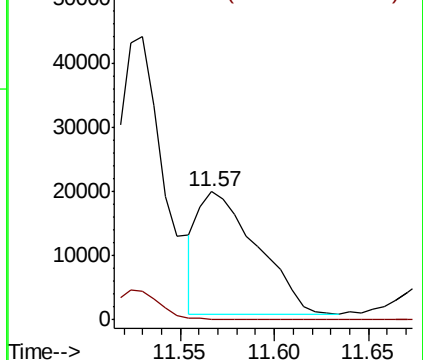


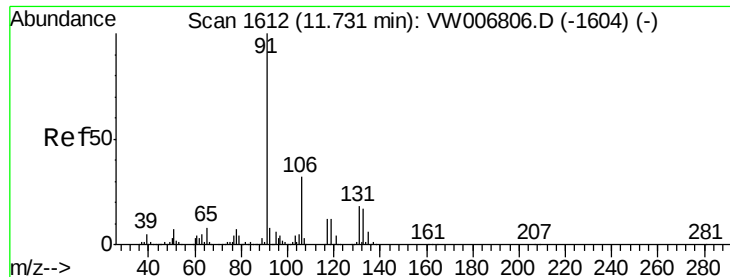
#65
Chlorobenzene
Concen: 3.511 ug/l
RT: 11.57 min Scan# 1585
Delta R.T. -0.09 min
Lab File: VW006844.D
Acq: 13 Nov 2018 09:08

Tgt Ion:112 Resp: 41545
Ion Ratio Lower Upper
112 100
114 0.7 26.0 39.0#



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

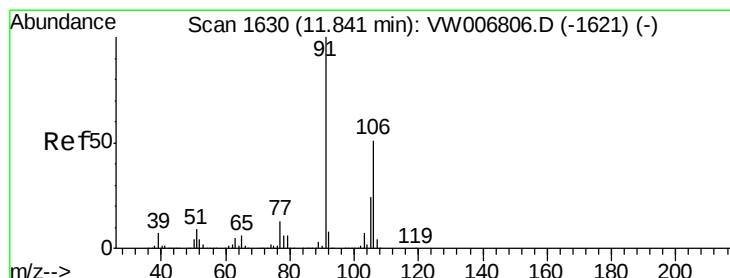
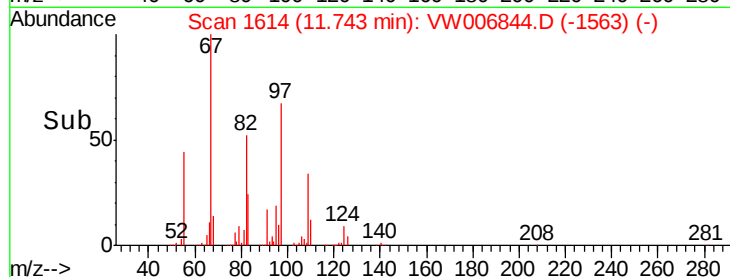
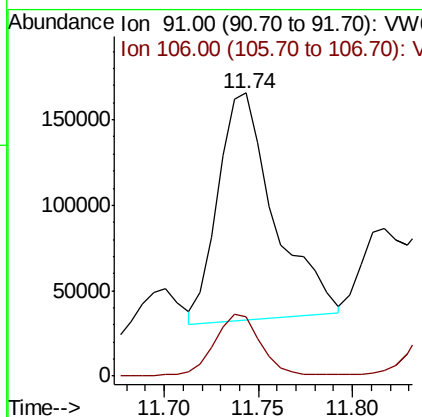
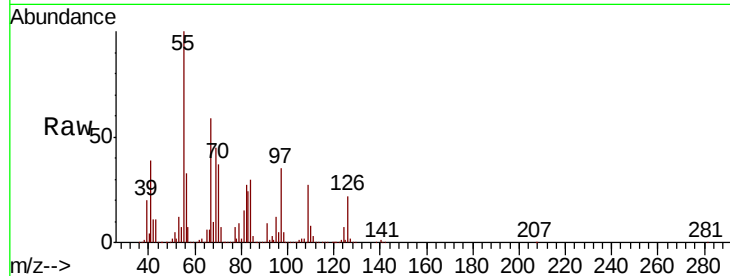




#67
Ethyl Benzene
Concen: 13.694 ug/l
RT: 11.74 min Scan# 1614
Delta R.T. 0.01 min
Lab File: VW006844.D
Acq: 13 Nov 2018 09:08

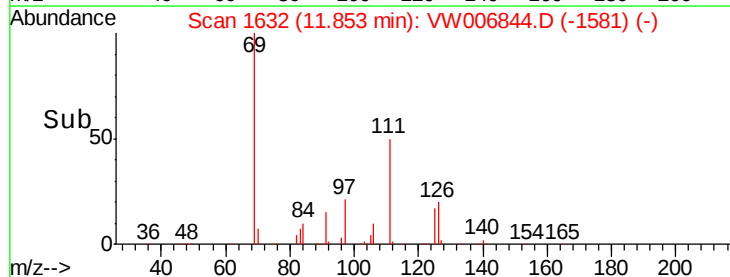
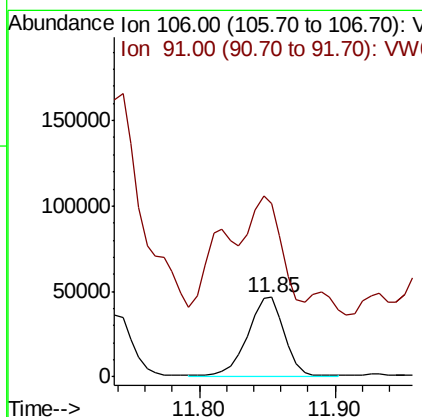
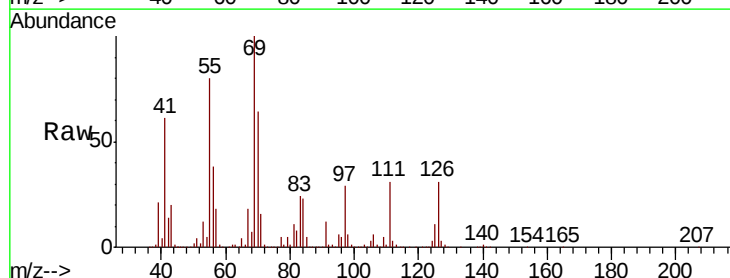
Instrument :
MSVOA_W
ClientSampled :

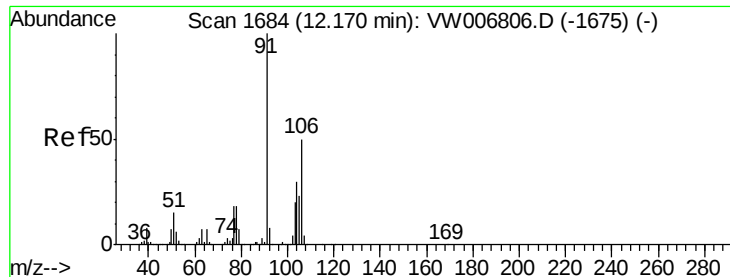
Tot Ion: 91 Resp: 276271
Ion Ratio Lower Upper
91 100
106 26.5 25.4 38.0



#68
m/p-Xylenes
Concen: 10.557 ug/l
RT: 11.85 min Scan# 1632
Delta R.T. 0.01 min
Lab File: VW006844.D
Acq: 13 Nov 2018 09:08

Tgt Ion: 106 Resp: 87142
Ion Ratio Lower Upper
106 100
91 116.8 155.7 233.5#

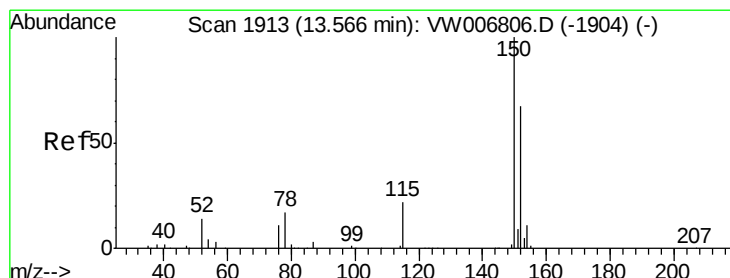
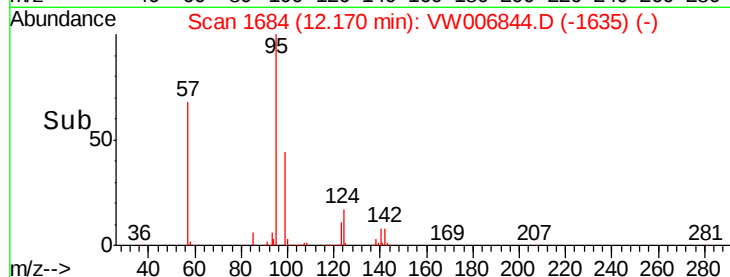
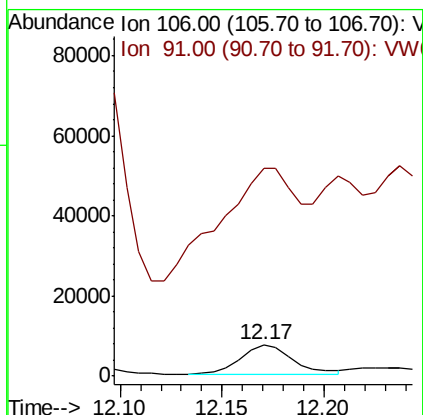
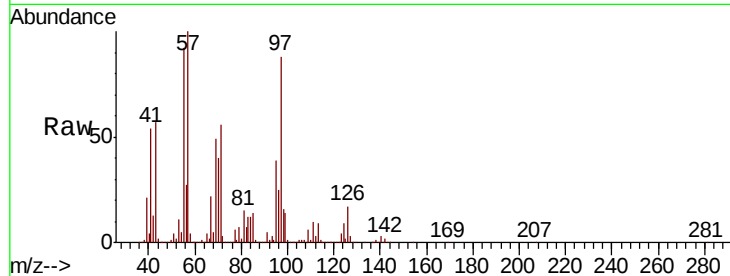




#69
o-Xylene
Concen: 1.684 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006844.D
Acq: 13 Nov 2018 09:08

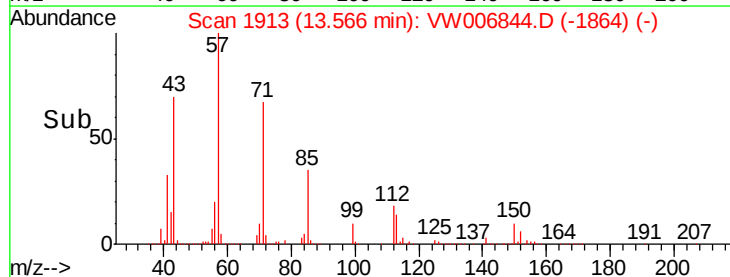
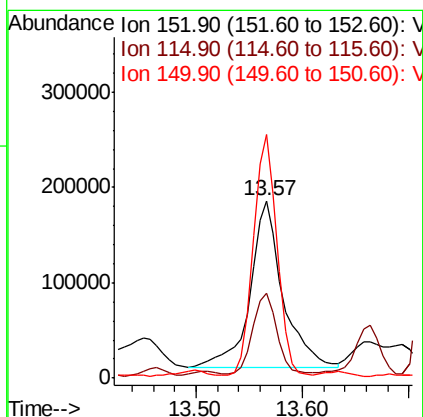
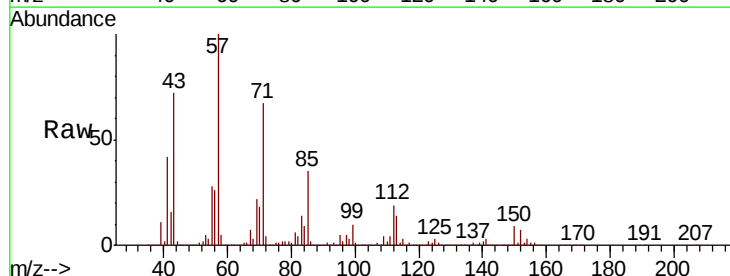
Instrument :
MSVOA_W
ClientSampleId :

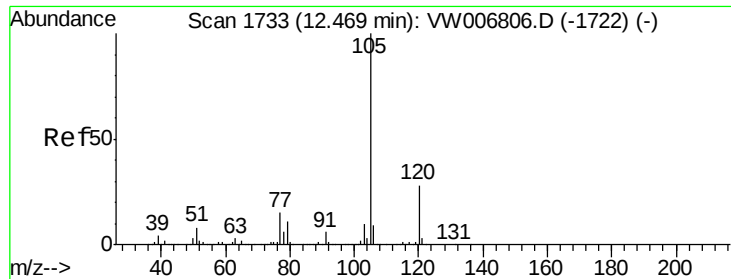
Tot Ion:106 Resp: 12940
Ion Ratio Lower Upper
106 100
91 555.3 101.9 305.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006844.D
Acq: 13 Nov 2018 09:08

Tgt Ion:152 Resp: 376546
Ion Ratio Lower Upper
152 100
115 36.0 27.3 81.8
150 104.5 0.0 353.0





#73

Isopropylbenzene

Concen: 169.666 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006844.D

Acq: 13 Nov 2018 09:08

Instrument :

MSVOA_W

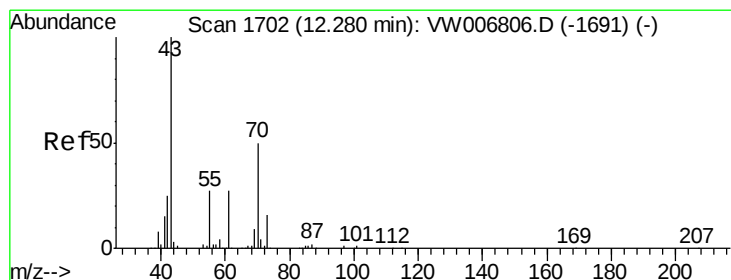
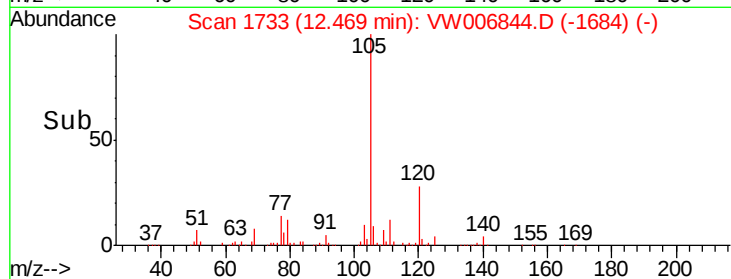
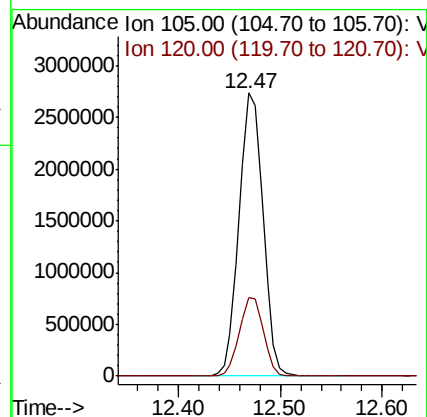
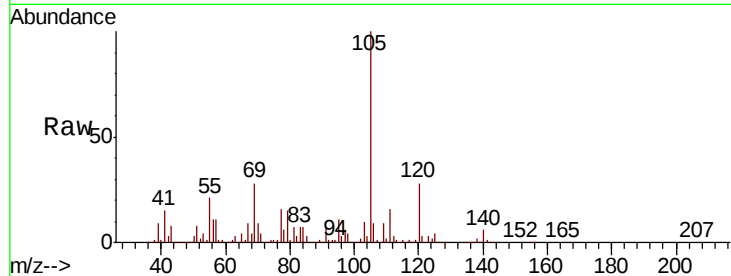
ClientSampleId :

Tot Ion:105 Resp: 4434641

Ion Ratio Lower Upper

105 100

120 27.8 14.0 42.0



#74

N-ethyl acetate

Concen: 776.676 ug/l

RT: 12.26 min Scan# 1699

Delta R.T. -0.02 min

Lab File: VW006844.D

Acq: 13 Nov 2018 09:08

Tgt Ion: 43 Resp: 3069478

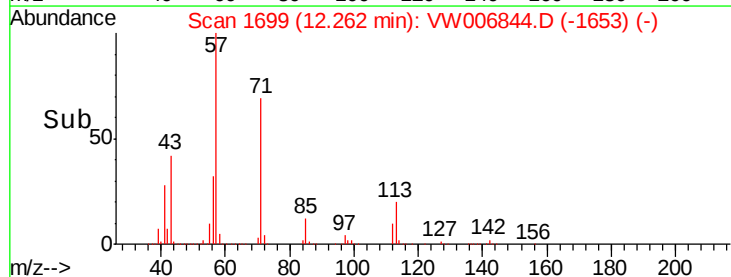
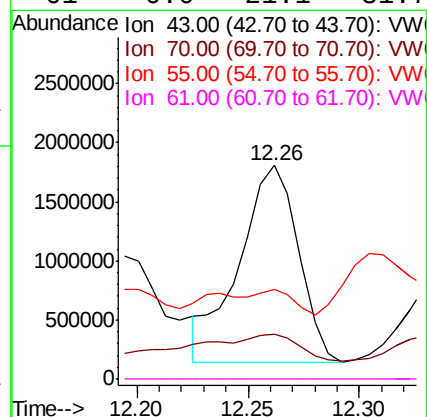
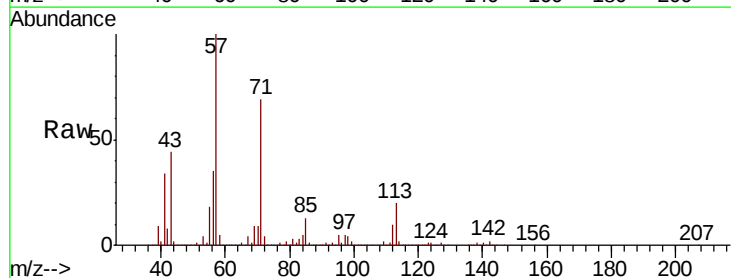
Ion Ratio Lower Upper

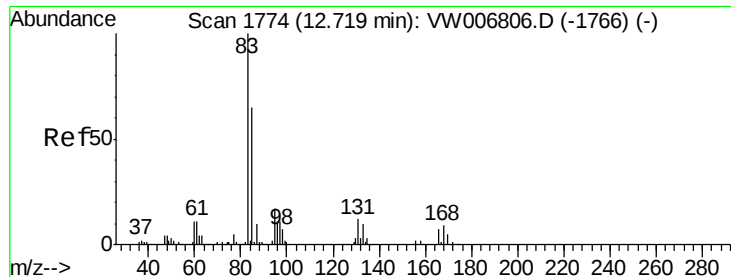
43 100

70 23.6 39.0 58.4#

55 0.0 22.1 33.1#

61 0.0 21.1 31.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 56.452 ug/l

RT: 12.71 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VW006844.D

Acq: 13 Nov 2018 09:08

Instrument :

MSVOA_W

ClientSampleId :

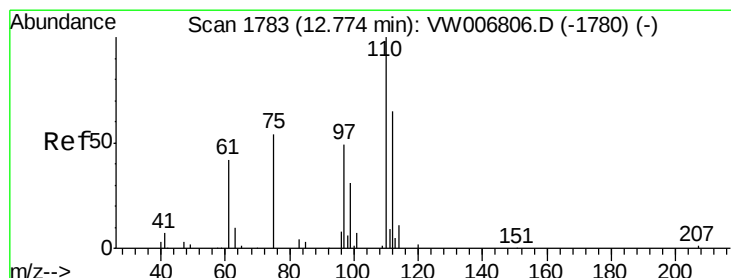
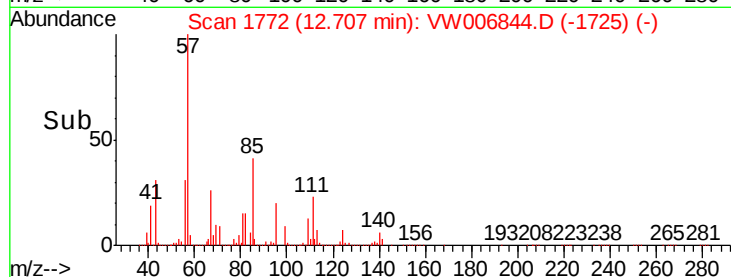
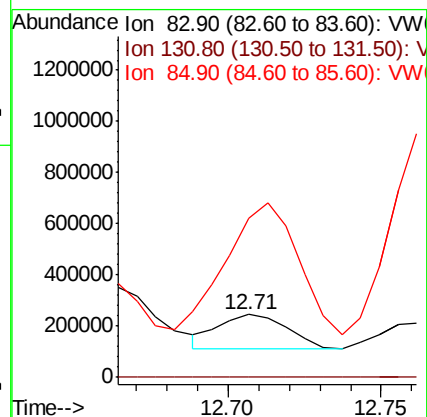
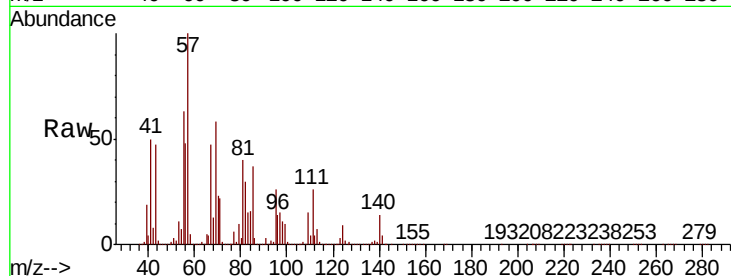
Tot Ion: 83 Resp: 204115

Ion Ratio Lower Upper

83 100

131 0.0 6.1 18.3#

85 465.0 32.4 97.0#



#76

1,2,3-Trichloropropane

Concen: 40.488 ug/l

RT: 12.82 min Scan# 1790

Delta R.T. 0.04 min

Lab File: VW006844.D

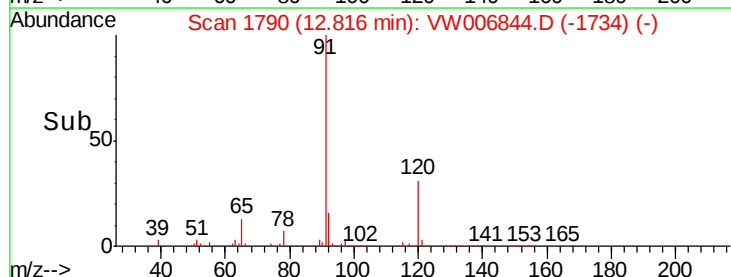
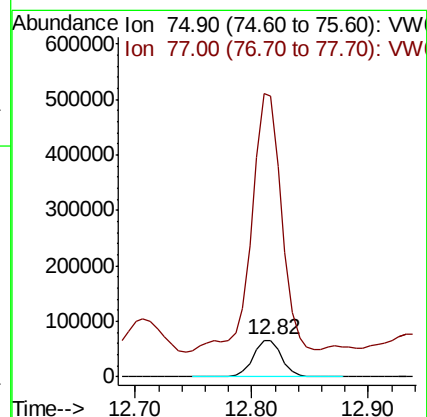
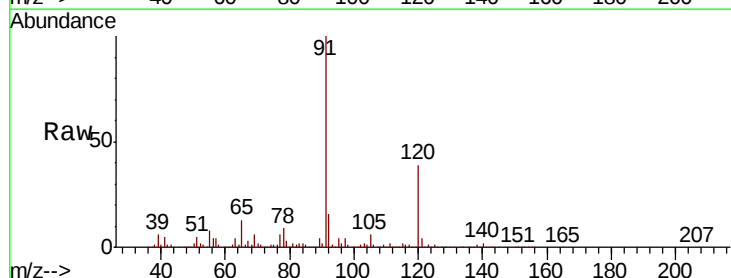
Acq: 13 Nov 2018 09:08

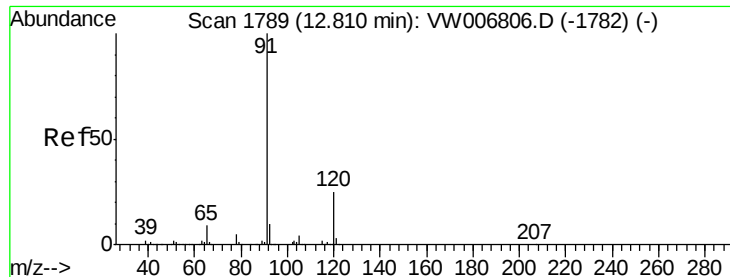
Tgt Ion: 75 Resp: 109870

Ion Ratio Lower Upper

75 100

77 769.4 0.0 0.0#





#78

n-propylbenzene

Concen: 542.840 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006844.D

Acq: 13 Nov 2018 09:08

Instrument :

MSVOA_W

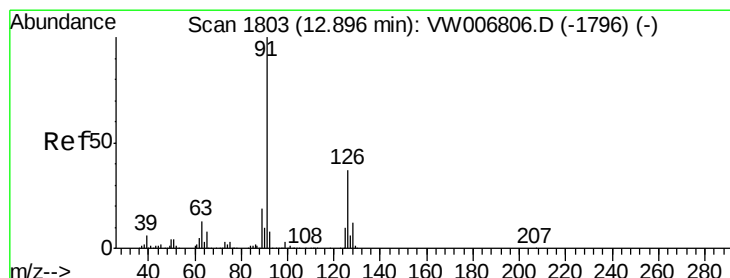
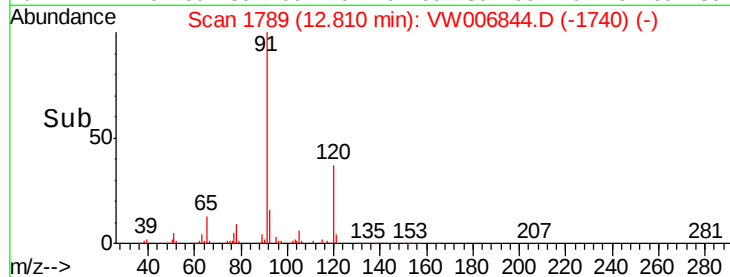
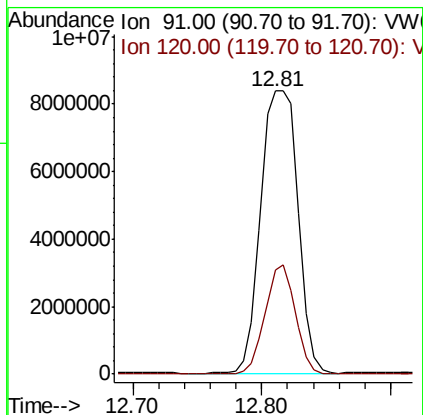
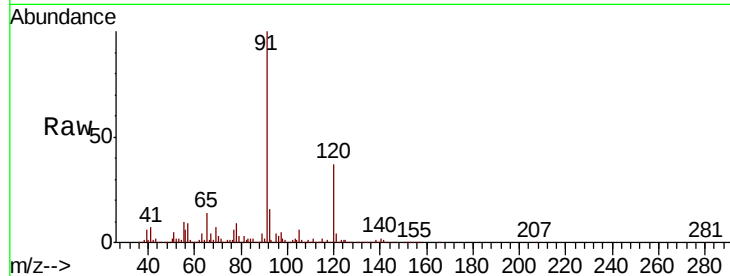
ClientSampled :

Tot Ion: 91 Resp:16745722

Ion Ratio Lower Upper

91 100

120 31.7 12.4 37.4



#79

2-Chlorotoluene

Concen: 967.548 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.09 min

Lab File: VW006844.D

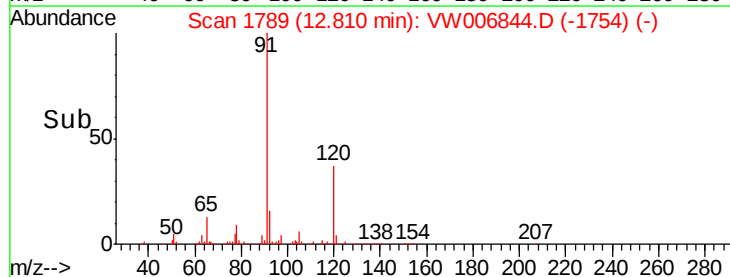
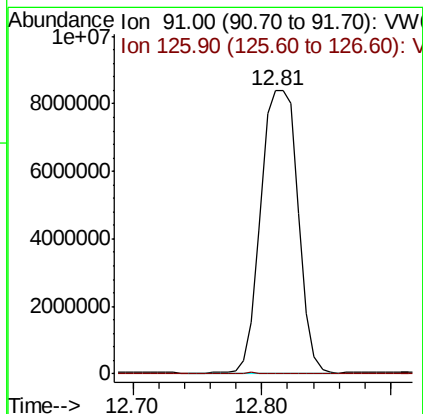
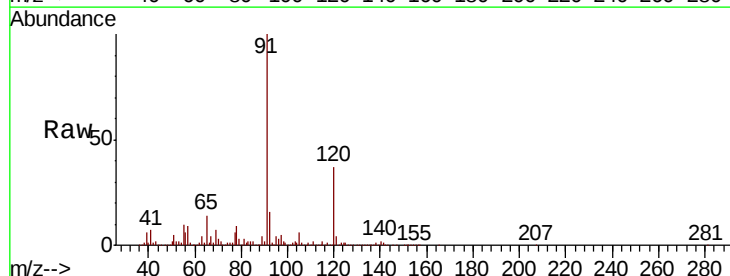
Acq: 13 Nov 2018 09:08

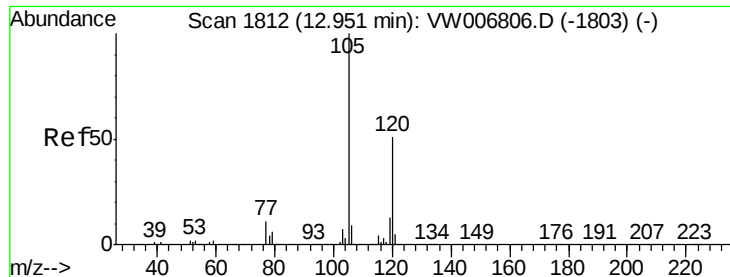
Tgt Ion: 91 Resp:16745722

Ion Ratio Lower Upper

91 100

126 0.4 18.5 55.5#





#80

1,3,5-Trimethylbenzene

Concen: 32.094 ug/l

RT: 13.11 min Scan# 1838

Delta R.T. 0.16 min

Lab File: VW006844.D

Acq: 13 Nov 2018 09:08

Instrument :

MSVOA_W

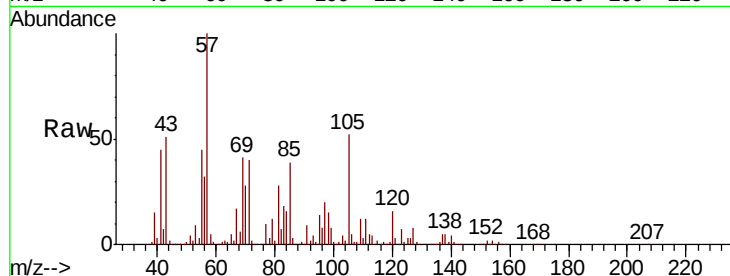
ClientSampled :

Tot Ion:105 Resp: 721138

Ion Ratio Lower Upper

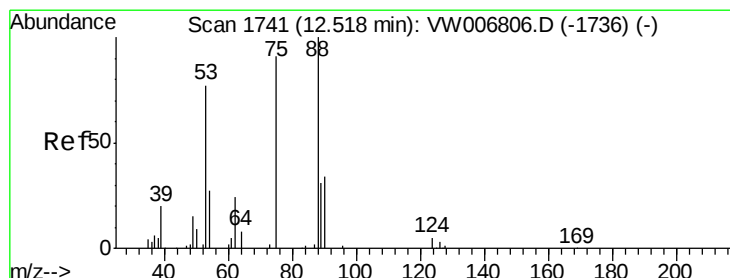
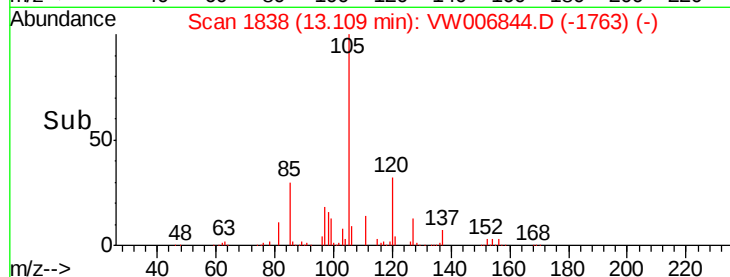
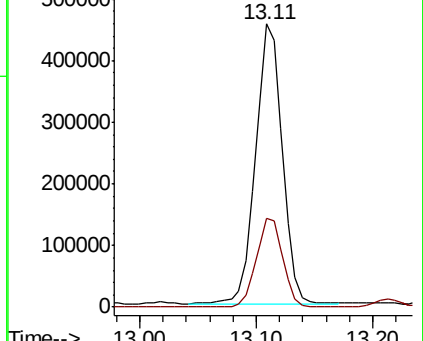
105 100

120 31.5 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 40.200 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.05 min

Lab File: VW006844.D

Acq: 13 Nov 2018 09:08

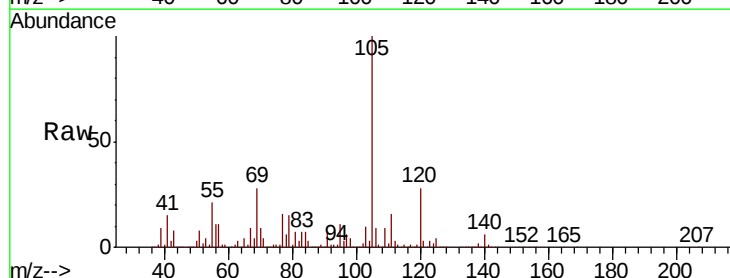
Tgt Ion: 75 Resp: 44101

Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

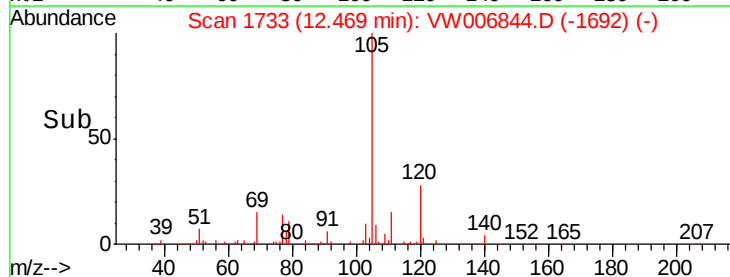
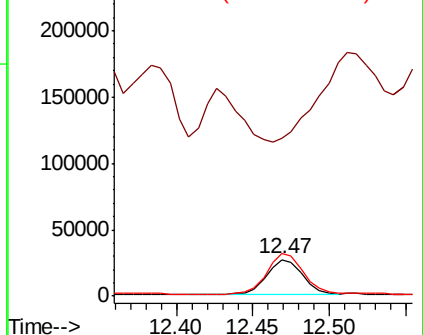
89 123.5 38.7 58.1#

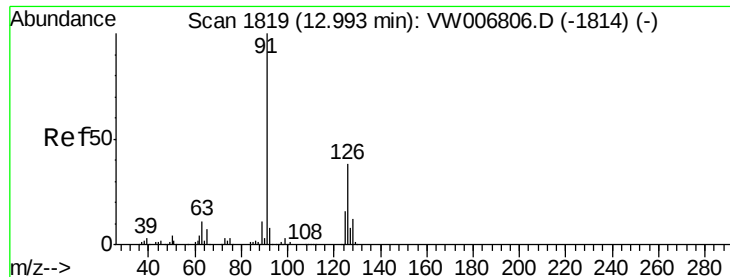


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#82

4-Chlorotoluene

Concen: 906.837 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.18 min

Lab File: VW006844.D

Acq: 13 Nov 2018 09:08

Instrument :

MSVOA_W

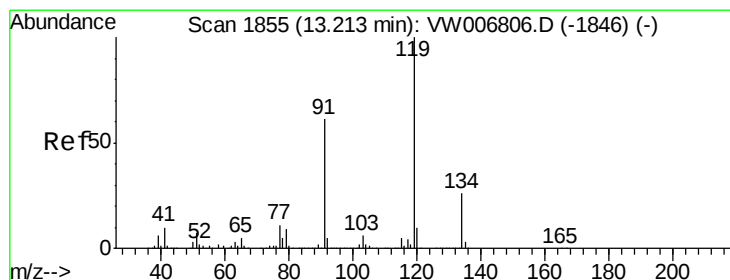
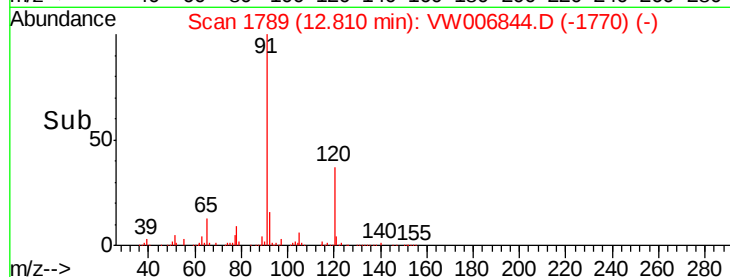
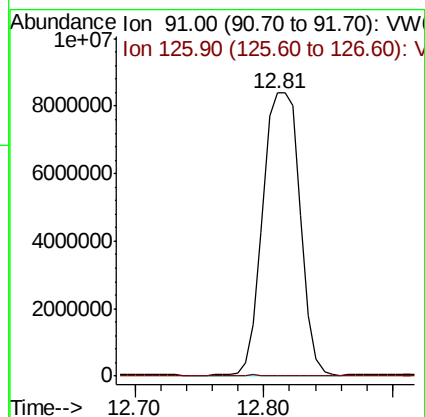
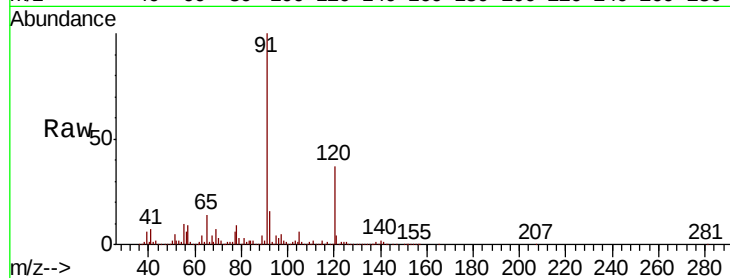
ClientSampleId :

Tot Ion: 91 Resp:16745722

Ion Ratio Lower Upper

91 100

126 0.4 18.4 55.2#



#83

tert-Butylbenzene

Concen: 11.086 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW006844.D

Acq: 13 Nov 2018 09:08

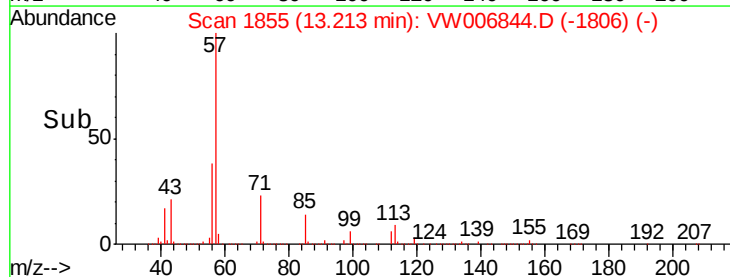
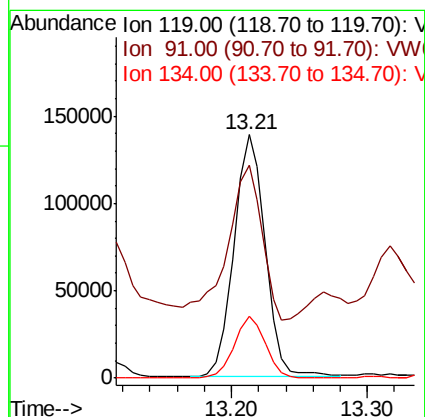
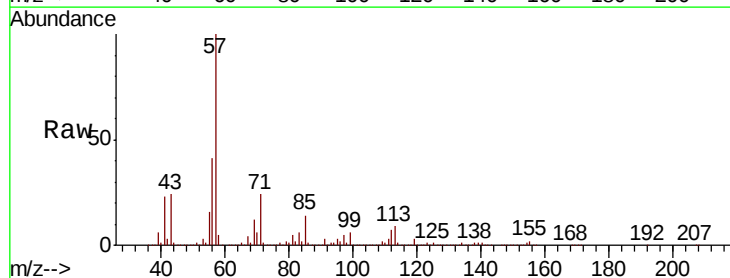
Tgt Ion:119 Resp: 220176

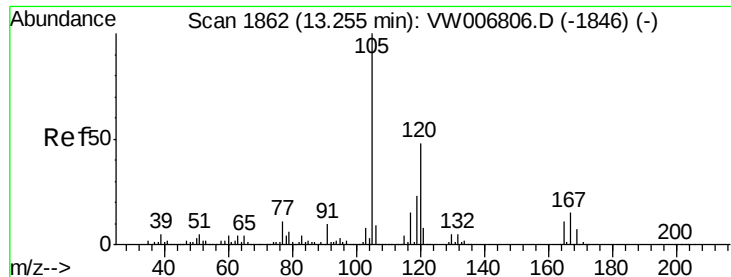
Ion Ratio Lower Upper

119 100

91 0.0 30.0 90.1#

134 0.0 13.4 40.2#

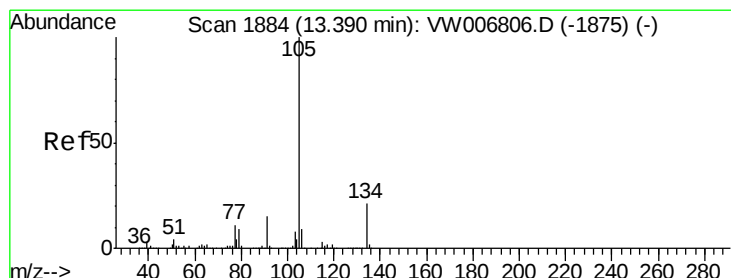
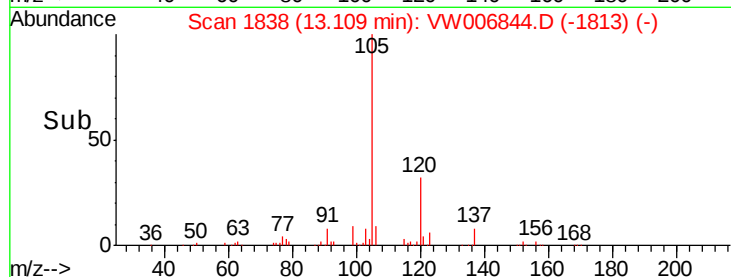
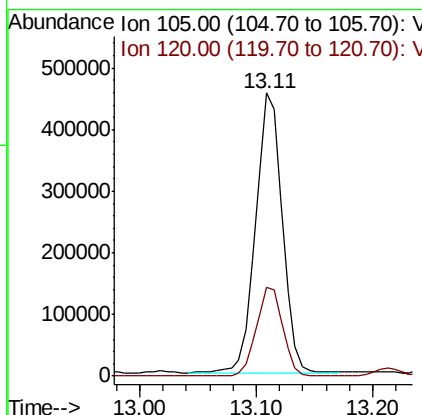
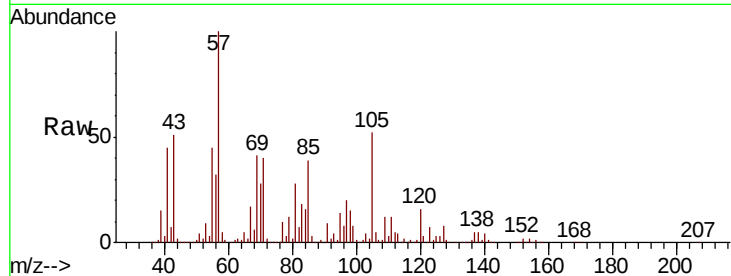




#84
 1,2,4-Trimethylbenzene
 Concen: 31.537 ug/l
 RT: 13.11 min Scan# 1838
 Delta R.T. -0.15 min
 Lab File: VW006844.D
 Acq: 13 Nov 2018 09:08

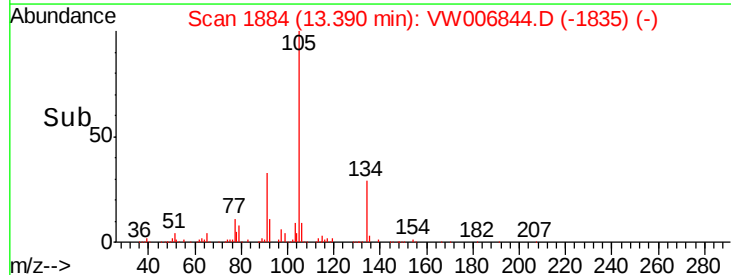
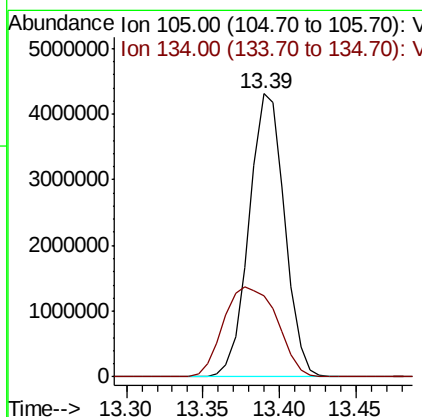
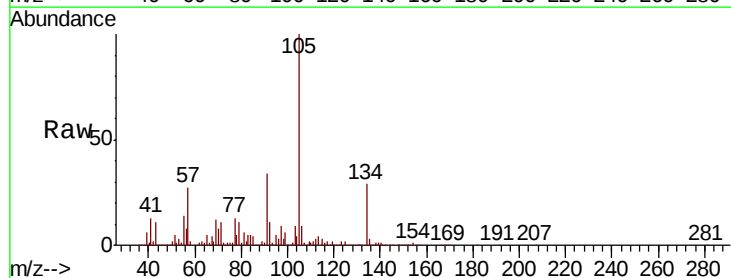
Instrument :
 MSVOA_W
 ClientSampled :

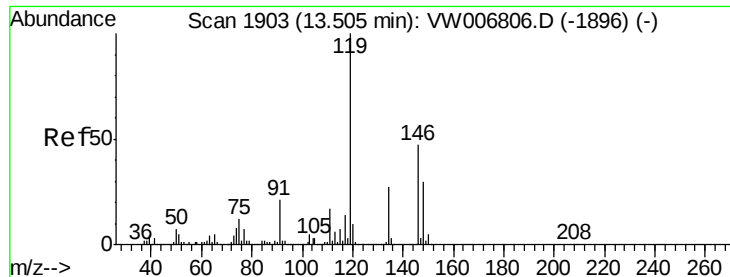
Tot Ion:105 Resp: 721138
 Ion Ratio Lower Upper
 105 100
 120 31.5 23.4 70.0



#85
 sec-Butylbenzene
 Concen: 246.562 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006844.D
 Acq: 13 Nov 2018 09:08

Tgt Ion:105 Resp: 6939385
 Ion Ratio Lower Upper
 105 100
 134 48.0 10.7 31.9#

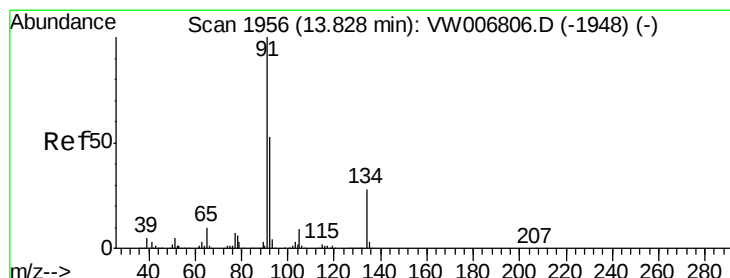
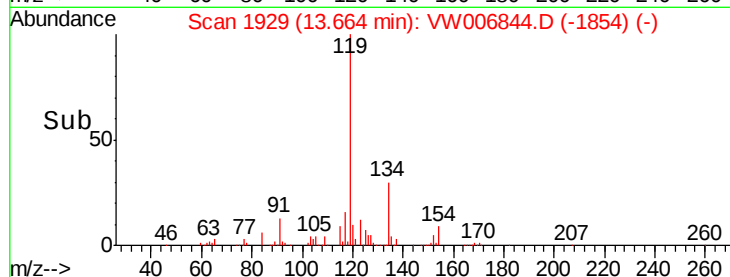
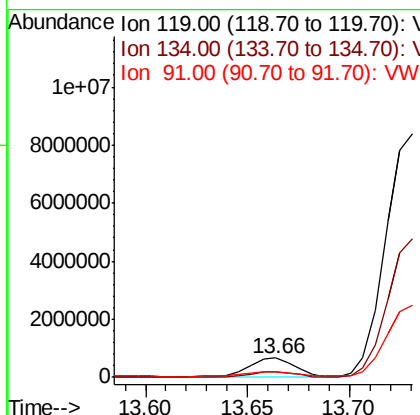
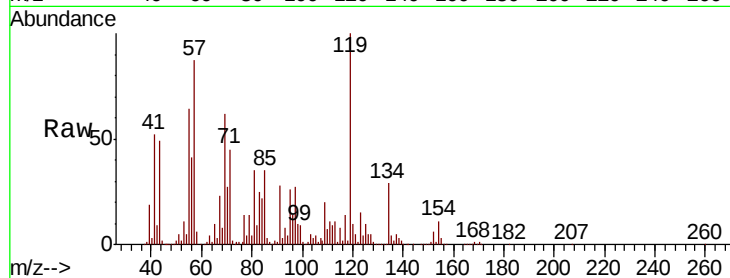




#86
p-Isopropyltoluene
Concen: 41.112 ug/l
RT: 13.66 min Scan# 1929
Delta R.T. 0.16 min
Lab File: VW006844.D
Acq: 13 Nov 2018 09:08

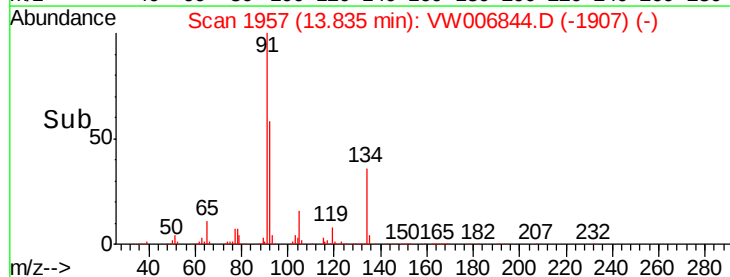
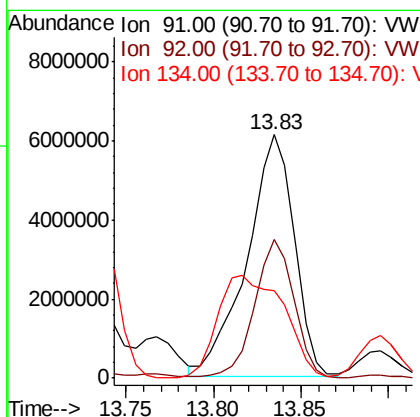
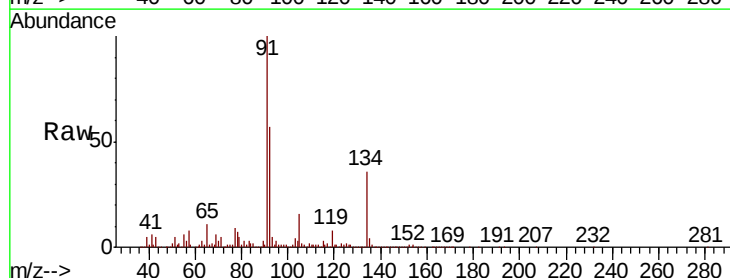
Instrument :
MSVOA_W
ClientSampled :

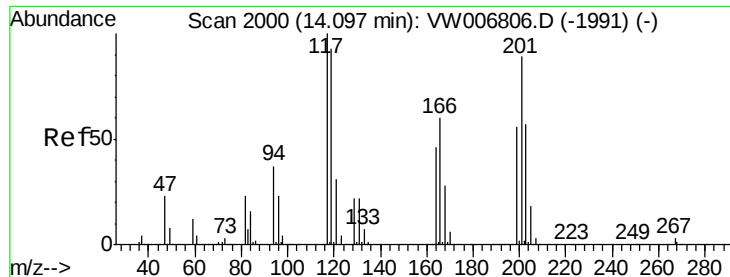
Tot Ion:119 Resp: 1052471
Ion Ratio Lower Upper
119 100
134 29.1 13.5 40.4
91 23.7 10.8 32.4



#89
n-Butylbenzene
Concen: 491.418 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW006844.D
Acq: 13 Nov 2018 09:08

Tgt Ion: 91 Resp:11497030
Ion Ratio Lower Upper
91 100
92 47.2 26.5 79.4
134 59.3 14.4 43.2#





#90

Hexachloroethane

Concen: 930.550 ug/l

RT: 14.12 min Scan# 2003

Delta R.T. 0.02 min

Lab File: VW006844.D

Acq: 13 Nov 2018 09:08

Instrument :

MSVOA_W

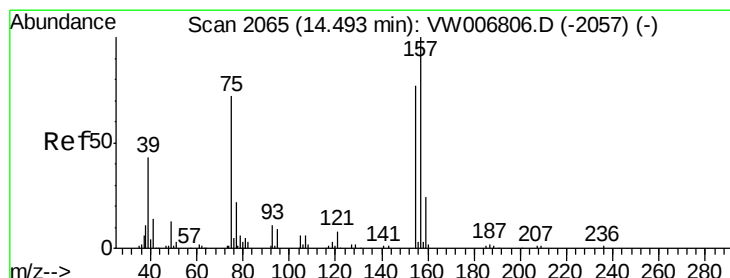
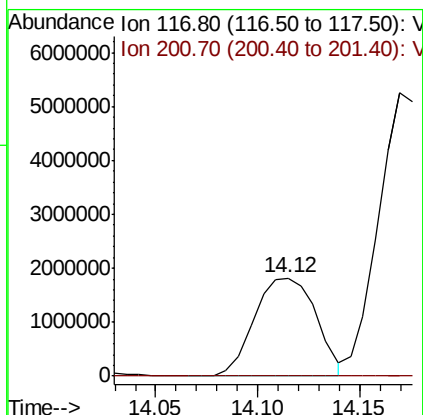
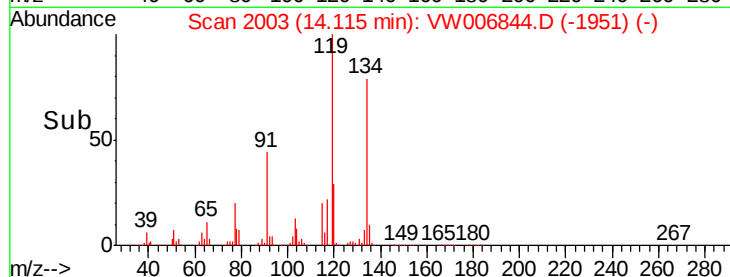
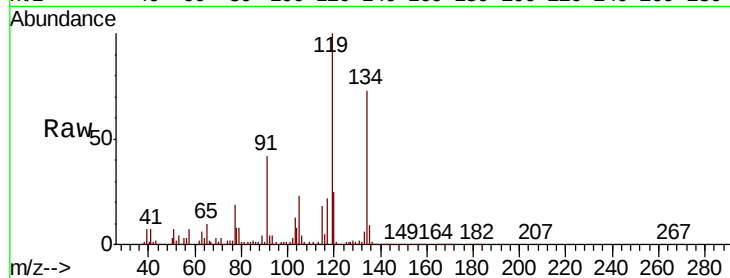
ClientSampled :

Tot Ion:117 Resp: 3811818

Ion Ratio Lower Upper

117 100

201 0.0 46.9 140.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 106.233 ug/l

RT: 14.51 min Scan# 2068

Delta R.T. 0.02 min

Lab File: VW006844.D

Acq: 13 Nov 2018 09:08

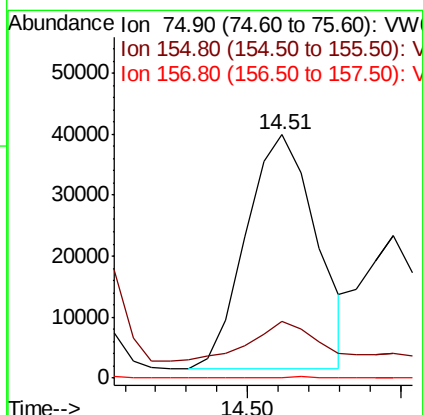
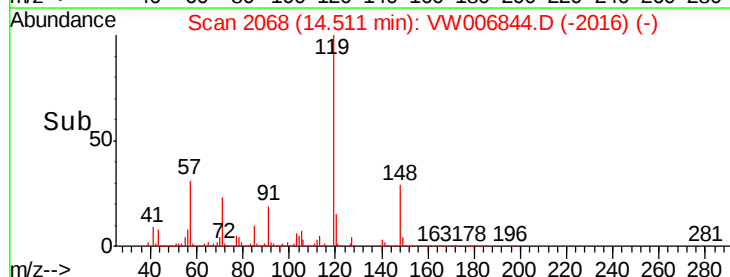
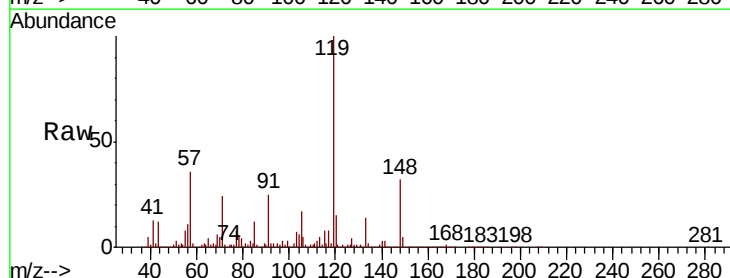
Tgt Ion: 75 Resp: 61495

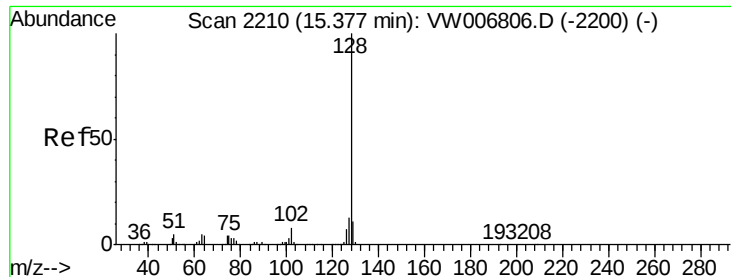
Ion Ratio Lower Upper

75 100

155 18.5 51.0 153.1#

157 0.7 67.4 202.2#

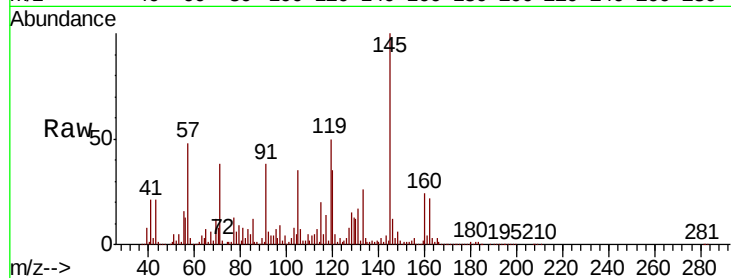




#95
 Naphthalene
 Concen: 9.121 ug/l
 RT: 15.34 min Scan# 2204
 Delta R.T. -0.04 min
 Lab File: VW006844.D
 Acq: 13 Nov 2018 09:08

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	78.8	10.3	15.5#
129	0.0	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

