

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060619\
 Data File : VW010716.D
 Acq On : 06 Jun 2019 18:07
 Operator : SY/VA
 Sample : K3153-05RE
 Misc : 6.04G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-060519-C

Quant Time: Jun 07 07:40:10 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	194499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	273148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	105458	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	143189	62.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.92%	
35) Dibromofluoromethane	7.88	113	104808	55.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.98%	
50) Toluene-d8	10.32	98	433555	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.62	95	154375	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.18	59	374	2.003	ug/l #	86
16) Acetone	4.12	43	38612	62.858	ug/l	98
20) Methylene Chloride	4.92	84	13198	6.125	ug/l	96
25) 2-Butanone	7.18	43	6385	7.496	ug/l	94
29) Tetrahydrofuran	7.54	42	716	1.336	ug/l #	72
31) Cyclohexane	7.95	56	5824	1.259	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17144	4.813	ug/l #	51
37) Ethyl Acetate	7.18	43	6385	3.235	ug/l #	72
38) Carbon Tetrachloride	7.95	117	19865	6.460	ug/l #	17
39) Methylcyclohexane	9.34	83	11709	2.586	ug/l	95
51) 4-Methyl-2-Pentanone	10.10	43	23191	11.903	ug/l #	45
52) Toluene	10.39	92	83286	13.929	ug/l	97
55) 1,1,2-Trichloroethane	10.76	97	23308	13.541	ug/l #	20
56) Ethyl methacrylate	10.66	69	6669	2.518	ug/l #	1
59) 2-Hexanone	10.93	43	56688	40.259	ug/l #	32
67) Ethyl Benzene	11.73	91	286147	27.719	ug/l	100
68) m/p-Xylenes	11.84	106	312573	84.585	ug/l	98
69) o-Xylene	12.17	106	677664	193.354	ug/l	96
70) Styrene	12.17	104	34927	5.737	ug/l #	1
73) Isopropylbenzene	12.47	105	148758	18.771	ug/l	99
74) N-amyl acetate	12.26	43	458603	179.060	ug/l #	67
75) 1,1,2,2-Tetrachloroethane	12.65	83	10891	7.219	ug/l #	1
76) 1,2,3-Trichloropropane	12.80	75	4208	3.800	ug/l #	100
78) n-propylbenzene	12.80	91	644897	67.488	ug/l	99
79) 2-Chlorotoluene	12.90	91	202058	37.012	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.94	105	2522720	388.915	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.46	75	2263	4.696	ug/l #	1
82) 4-Chlorotoluene	12.94	91	282358	50.119	ug/l #	47
83) tert-Butylbenzene	13.26	119	359824	65.363	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.26	105	2955232	452.745	ug/l	99
85) sec-Butylbenzene	13.39	105	399778	49.878	ug/l	81
86) p-Isopropyltoluene	13.50	119	505229	70.488	ug/l	100
89) n-Butylbenzene	13.83	91	538558	75.308	ug/l #	73
90) Hexachloroethane	14.10	117	195274	152.131	ug/l #	11

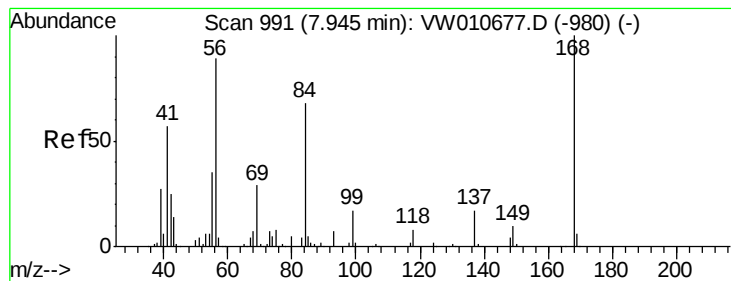
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060619\
Data File : VW010716.D
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Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.51	75	3858	14.892	ug/l #	44
93) 1,2,4-Trichlorobenzene	15.15	180	2525	1.199	ug/l #	13
95) Naphthalene	15.37	128	168593	44.077	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.58	180	8315	4.644	ug/l #	13

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010716.D

Acq: 06 Jun 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

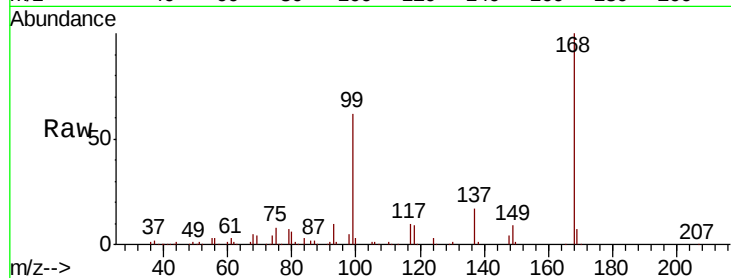
HR-05-060519-C

Tot Ion:168 Resp: 194499

Ion Ratio Lower Upper

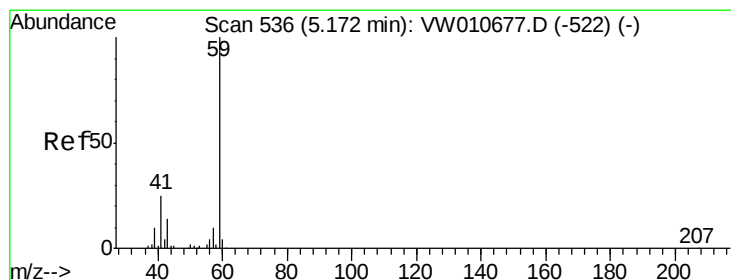
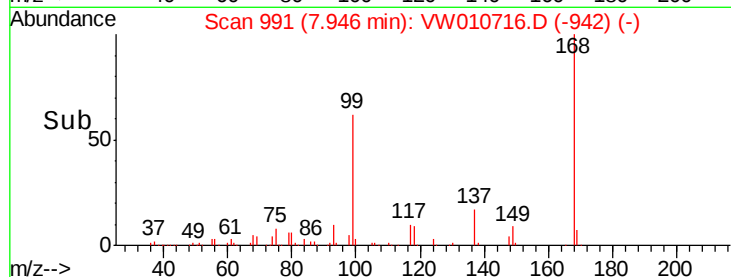
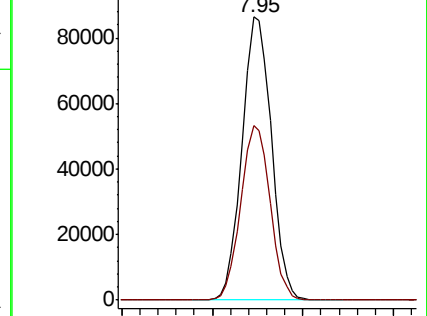
168 100

99 61.7 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.003 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW010716.D

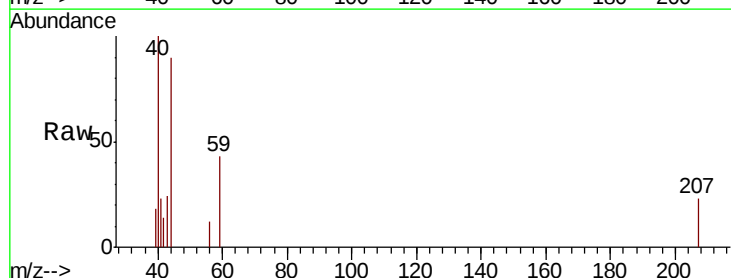
Acq: 06 Jun 2019 18:07

Tgt Ion: 59 Resp: 374

Ion Ratio Lower Upper

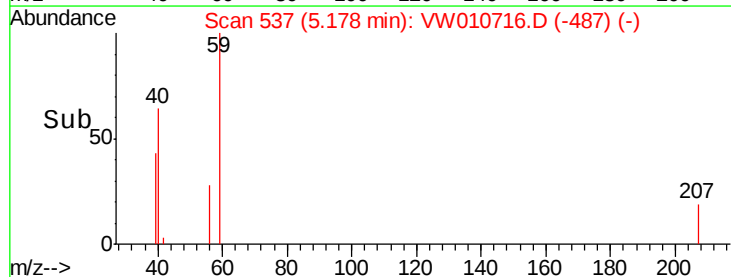
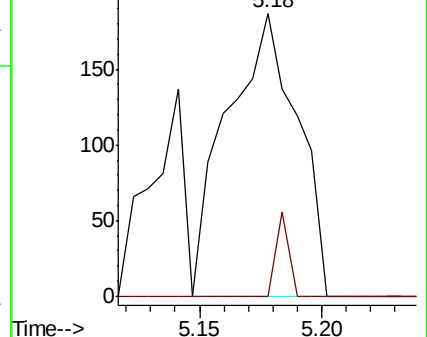
59 100

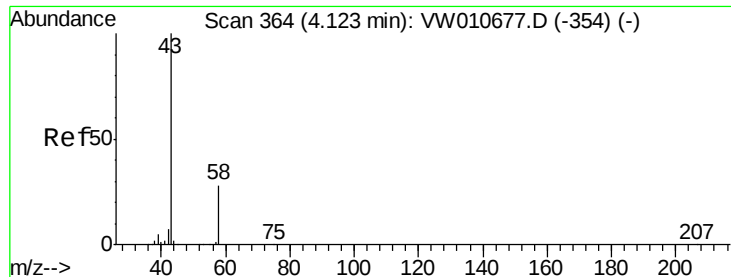
57 5.3 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 62.858 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW010716.D

Acq: 06 Jun 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

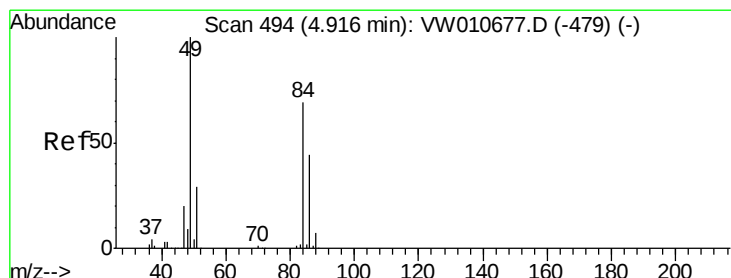
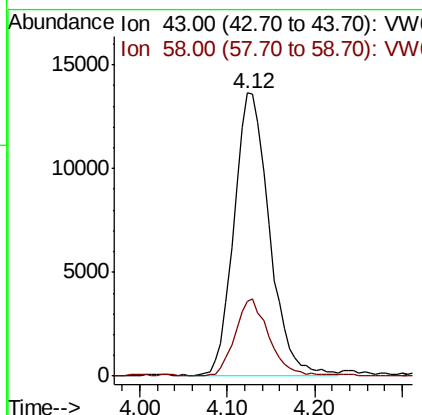
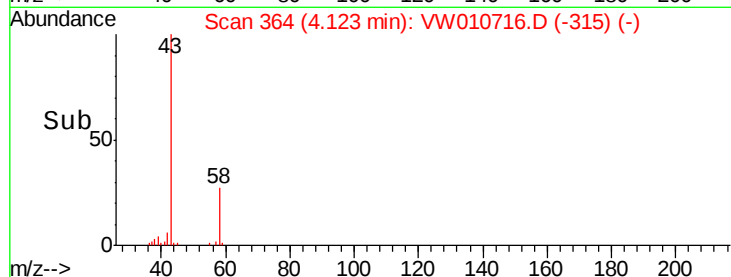
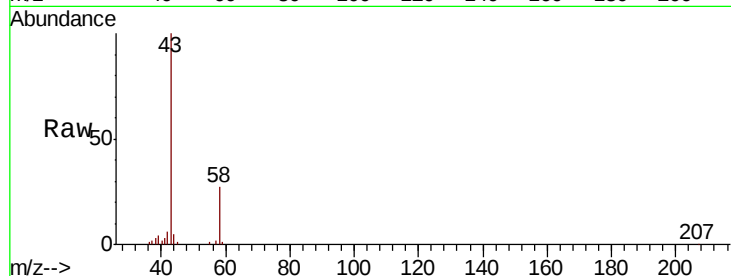
HR-05-060519-C

Tot Ion: 43 Resp: 38612

Ion Ratio Lower Upper

43 100

58 26.6 22.1 33.1



#20

Methylene Chloride

Concen: 6.125 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW010716.D

Acq: 06 Jun 2019 18:07

Tgt Ion: 84 Resp: 13198

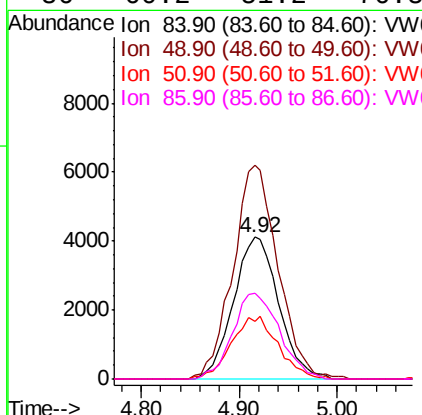
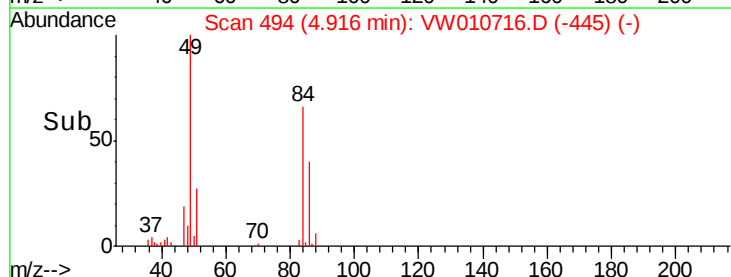
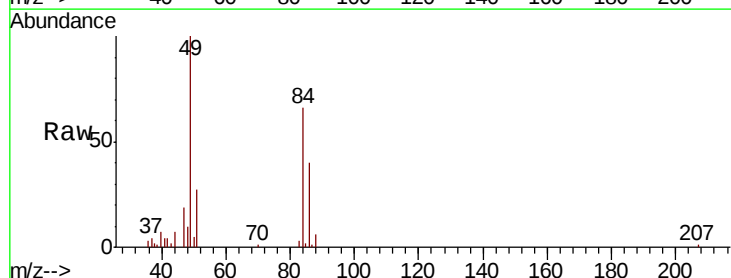
Ion Ratio Lower Upper

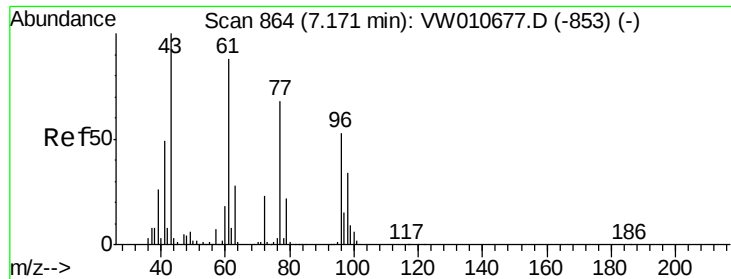
84 100

49 150.6 116.7 175.1

51 40.6 34.2 51.2

86 60.2 51.2 76.8

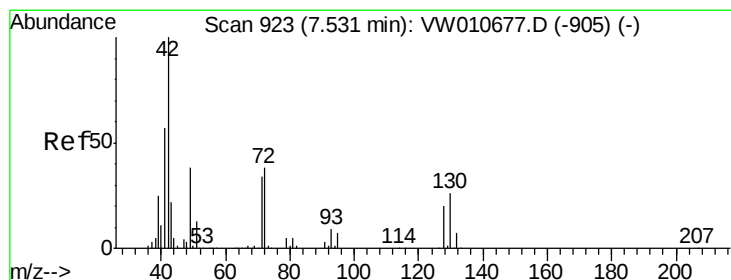
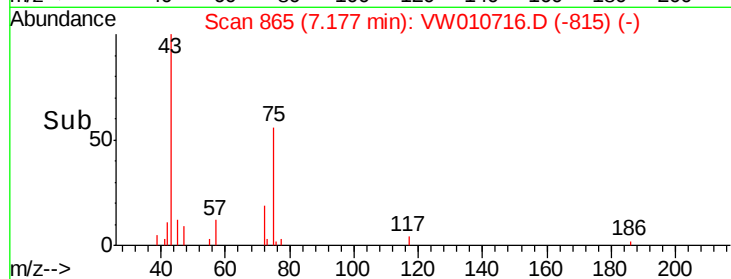
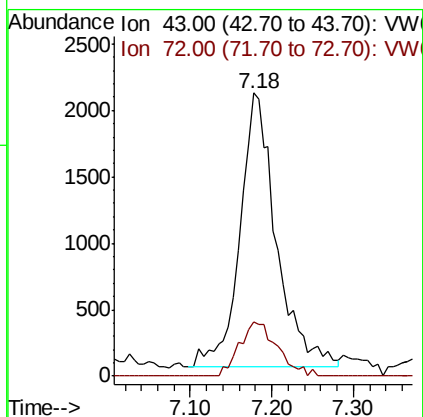
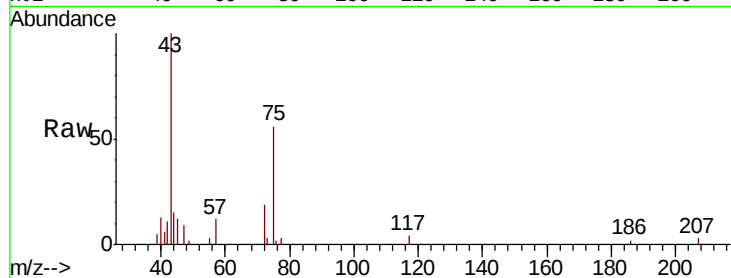




#25
2-Butanone
Concen: 7.496 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW010716.D
Acq: 06 Jun 2019 18:07

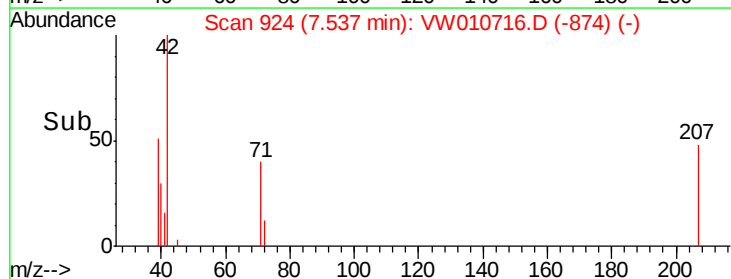
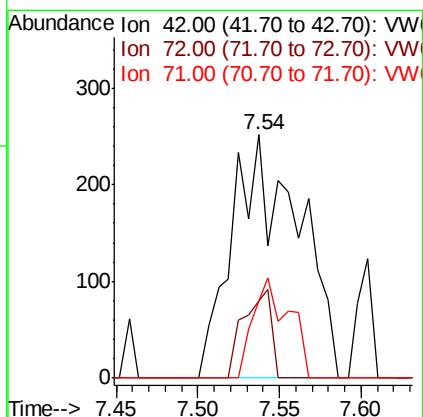
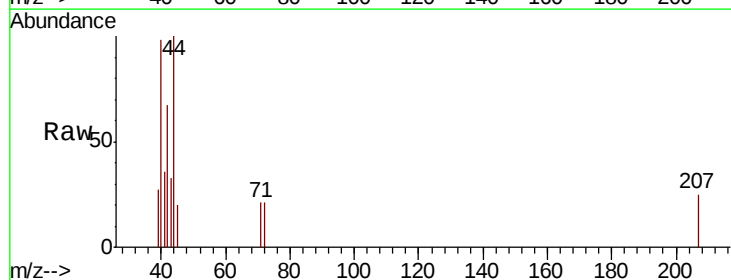
Instrument :
MSVOA_W
ClientSampleId :
HR-05-060519-C

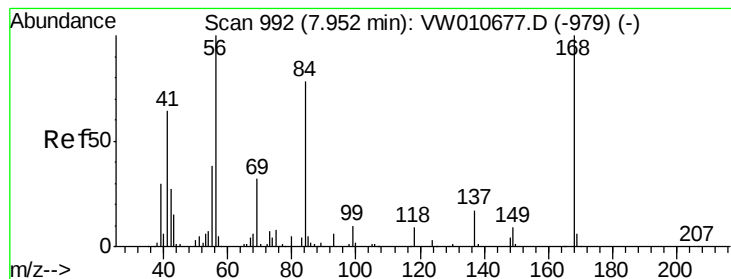
Tot Ion: 43 Resp: 6385
Ion Ratio Lower Upper
43 100
72 19.6 18.1 27.1



#29
Tetrahydrofuran
Concen: 1.336 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW010716.D
Acq: 06 Jun 2019 18:07

Tgt Ion: 42 Resp: 716
Ion Ratio Lower Upper
42 100
72 15.1 28.7 43.1#
71 21.9 26.6 39.8#





#31

Cyclohexane

Concen: 1.259 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010716.D

Acq: 06 Jun 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

HR-05-060519-C

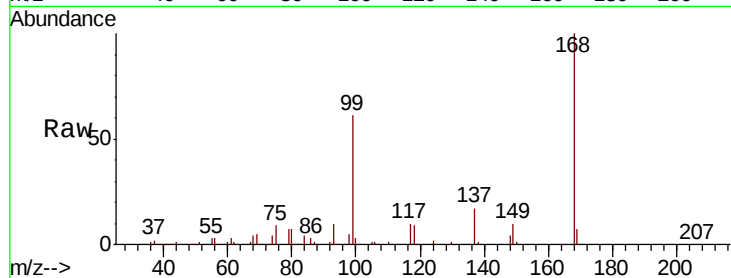
Tot Ion: 56 Resp: 5824

Ion Ratio Lower Upper

56 100

69 166.2 25.2 37.8#

84 137.8 62.2 93.2#

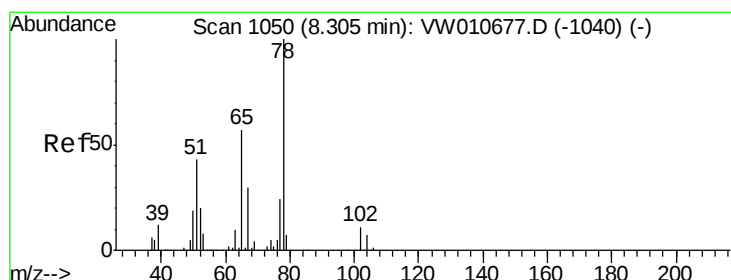
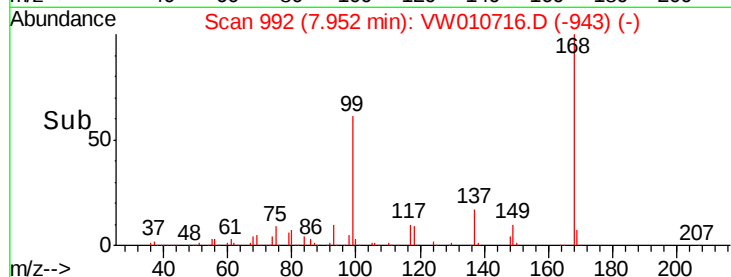
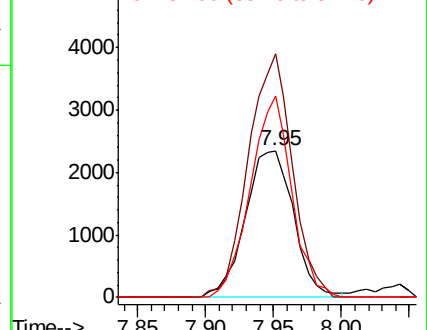


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 62.460 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010716.D

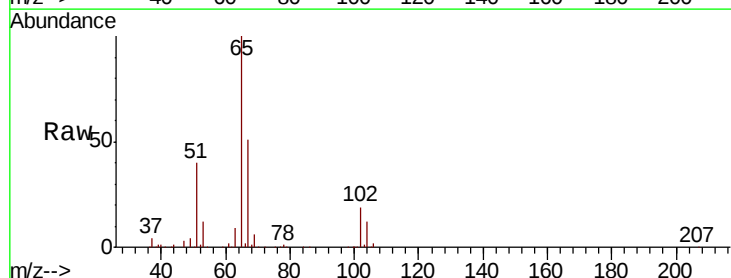
Acq: 06 Jun 2019 18:07

Tgt Ion: 65 Resp: 143189

Ion Ratio Lower Upper

65 100

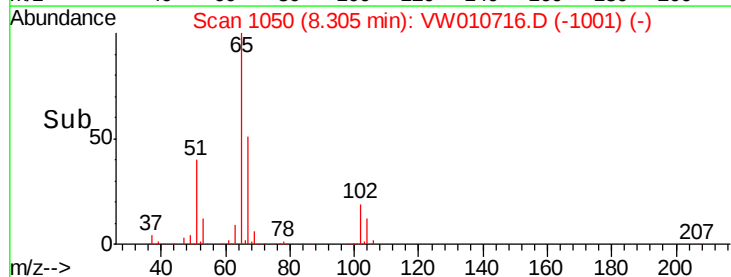
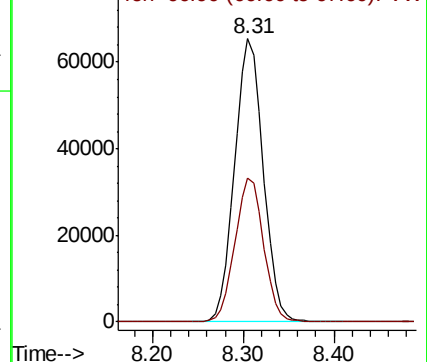
67 50.8 0.0 102.6

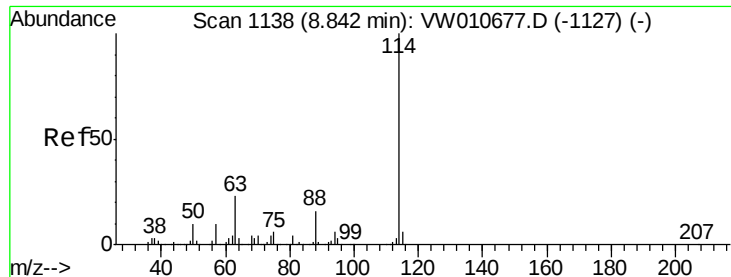


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

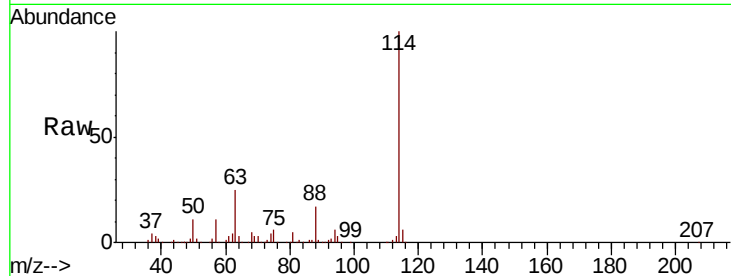




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010716.D
 Acq: 06 Jun 2019 18:07

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-060519-C

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	46.4
88	16.6	0.0	32.2

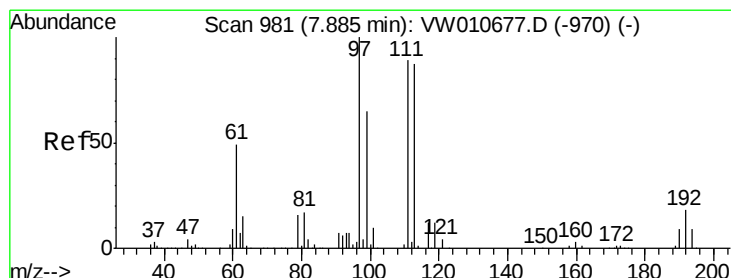
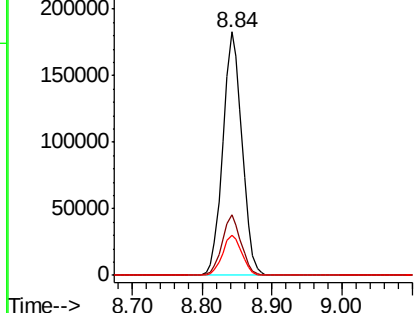
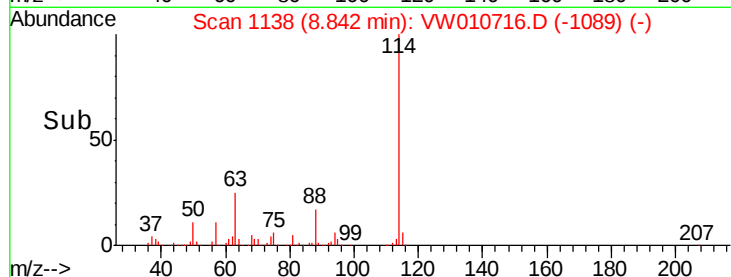


Abundance

Ion 113.90 (113.60 to 114.60): V

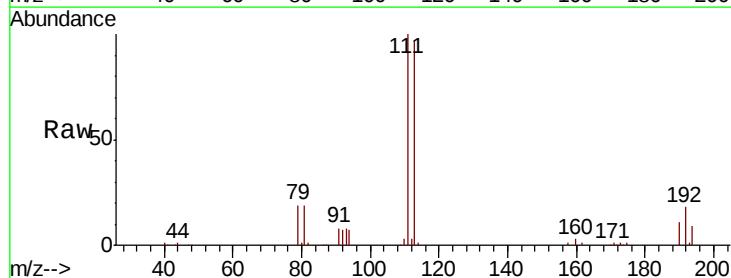
Ion 63.00 (62.70 to 63.70): VV

Ion 87.90 (87.60 to 88.60): VV



#35
 Dibromofluoromethane
 Concen: 55.485 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010716.D
 Acq: 06 Jun 2019 18:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	19.5	16.4	24.6

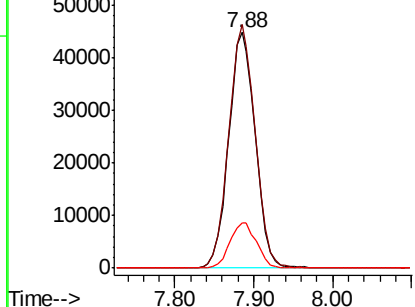
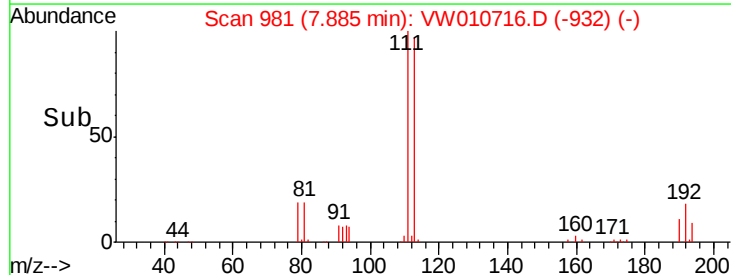


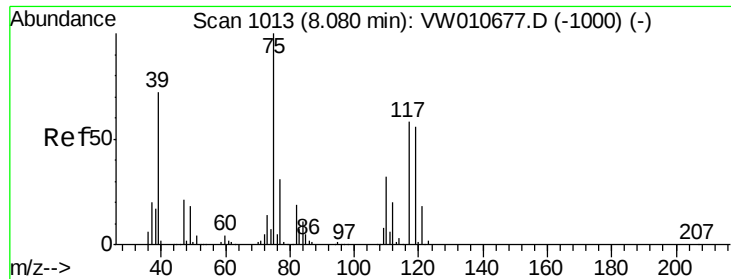
Abundance

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: 4.813 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW010716.D

Acq: 06 Jun 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

HR-05-060519-C

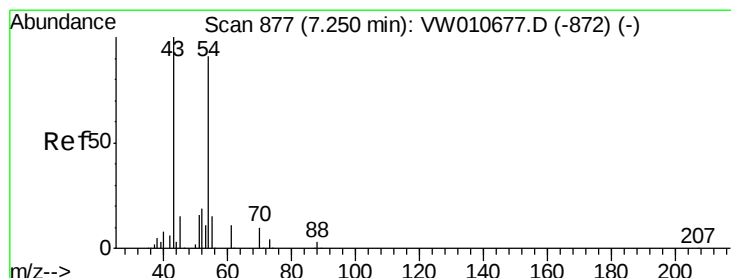
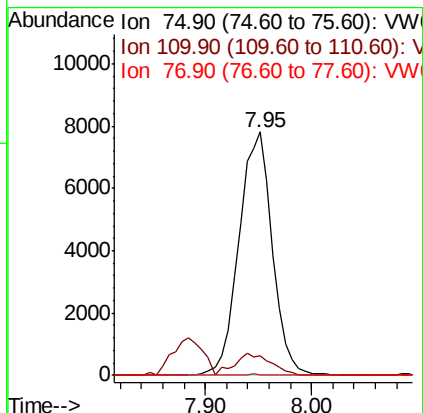
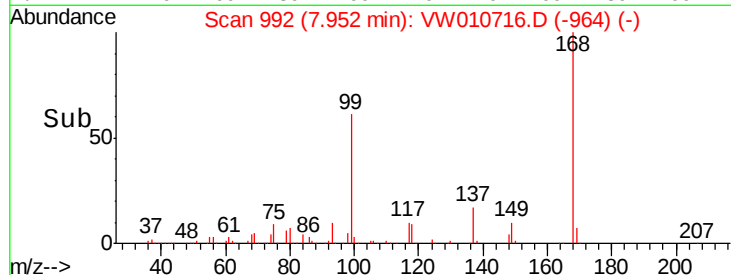
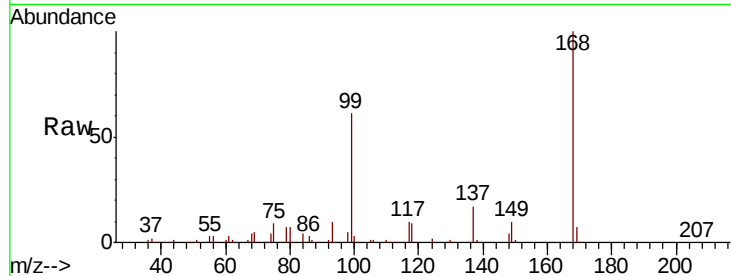
Tot Ion: 75 Resp: 17144

Ion Ratio Lower Upper

75 100

110 8.8 15.8 47.3#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 3.235 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.07 min

Lab File: VW010716.D

Acq: 06 Jun 2019 18:07

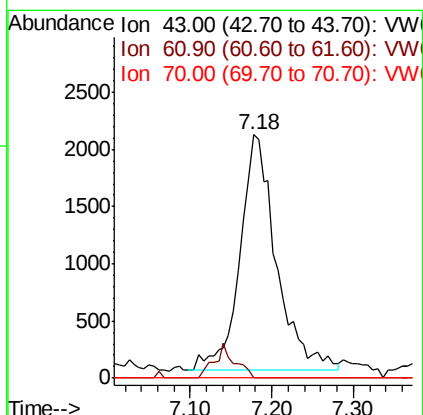
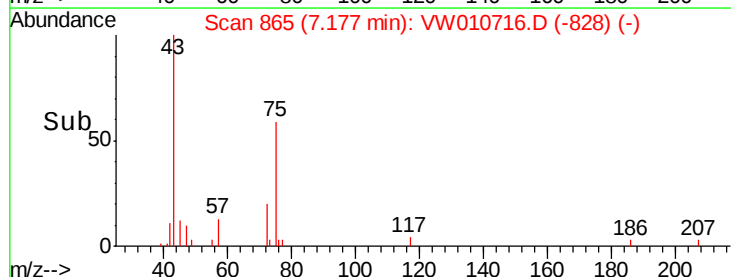
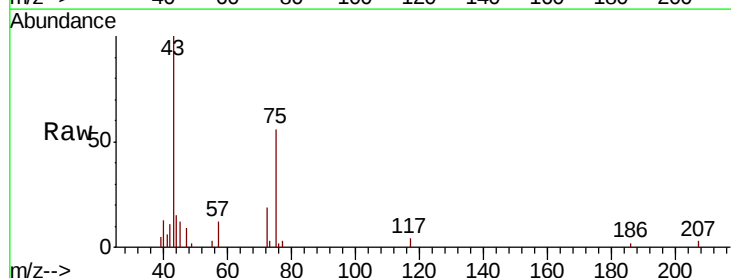
Tgt Ion: 43 Resp: 6385

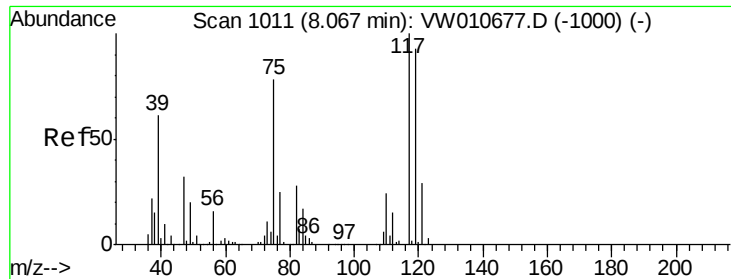
Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 0.0 7.2 10.8#





#38

Carbon Tetrachloride

Concen: 6.460 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW010716.D

Acq: 06 Jun 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

HR-05-060519-C

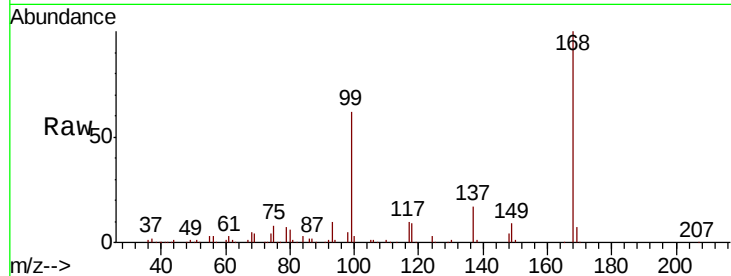
Tot Ion:117 Resp: 19865

Ion Ratio Lower Upper

117 100

119 4.7 74.2 111.4#

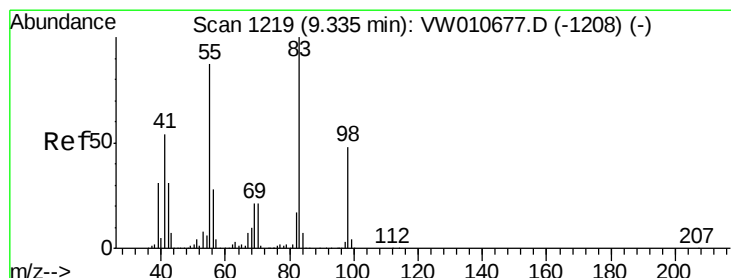
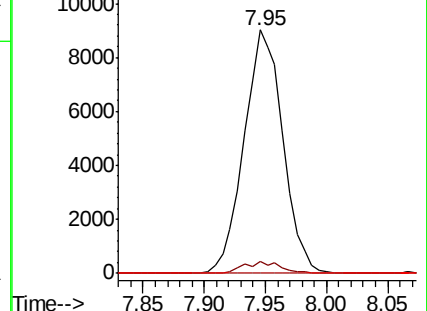
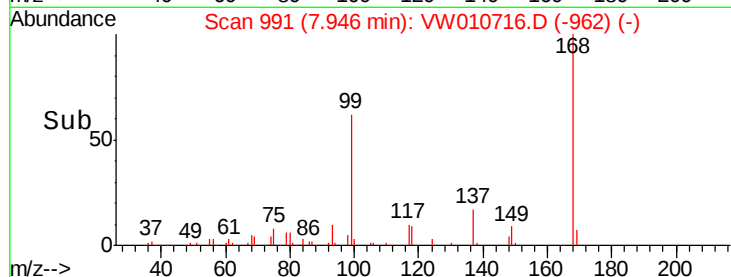
121 0.0 22.9 34.3#



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: 2.586 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW010716.D

Acq: 06 Jun 2019 18:07

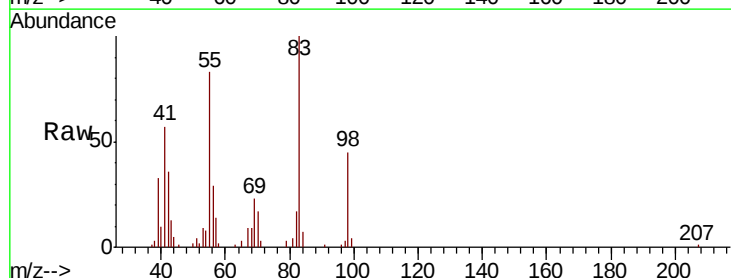
Tgt Ion: 83 Resp: 11709

Ion Ratio Lower Upper

83 100

55 82.3 70.0 105.0

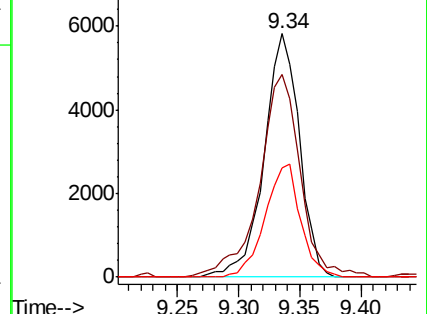
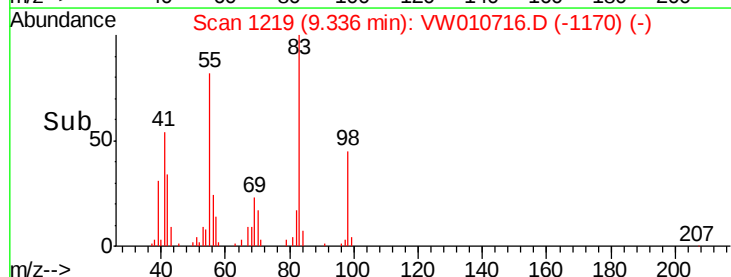
98 44.7 38.1 57.1

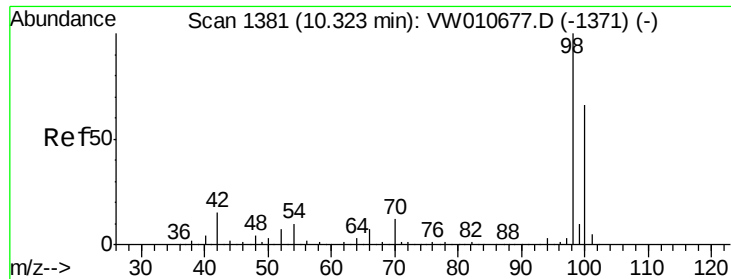


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#50

Toluene-d8

Concen: 52.342 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010716.D

Acq: 06 Jun 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

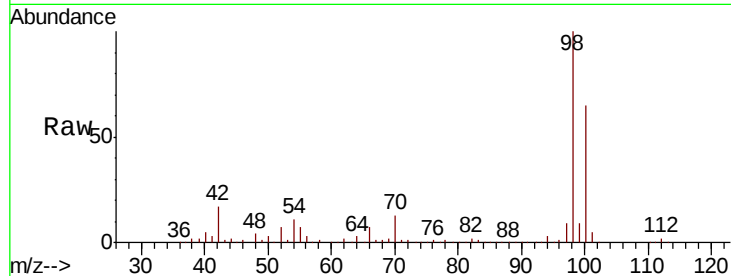
HR-05-060519-C

Tot Ion: 98 Resp: 433555

Ion Ratio Lower Upper

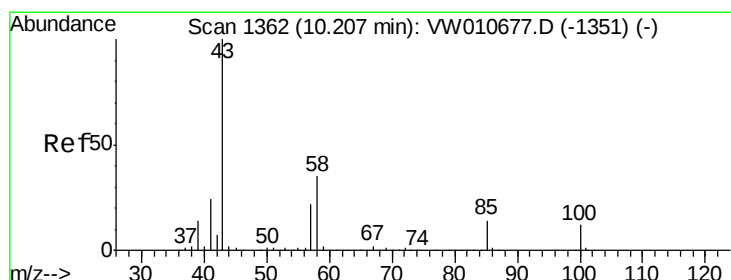
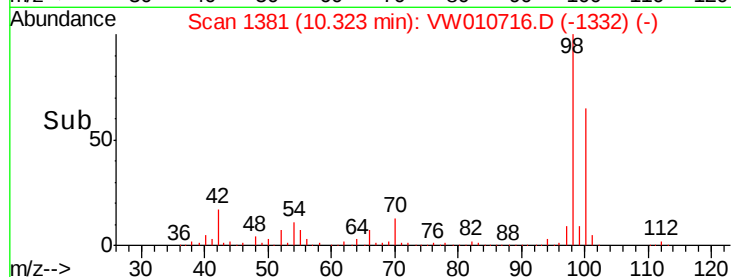
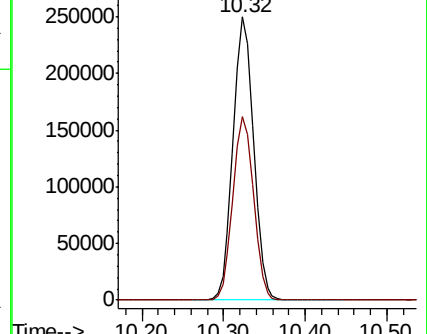
98 100

100 65.1 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 11.903 ug/l

RT: 10.10 min Scan# 1344

Delta R.T. -0.11 min

Lab File: VW010716.D

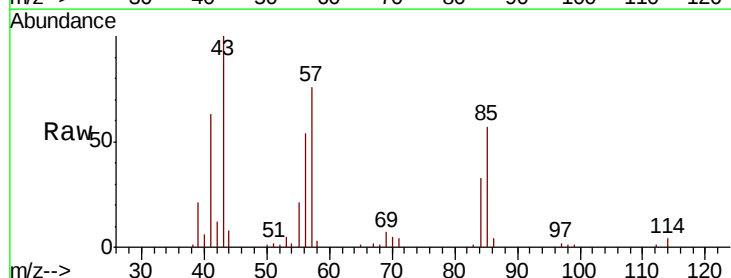
Acq: 06 Jun 2019 18:07

Tgt Ion: 43 Resp: 23191

Ion Ratio Lower Upper

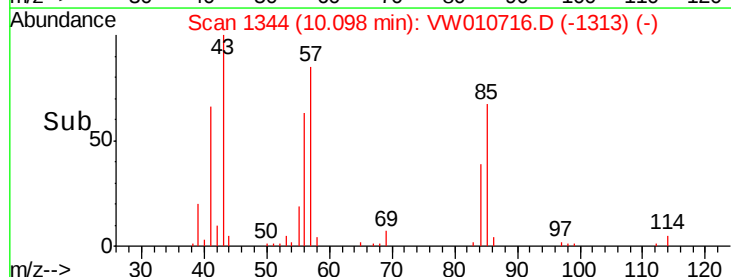
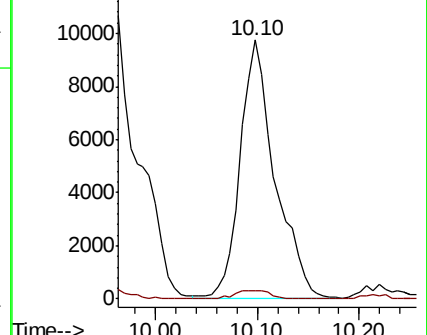
43 100

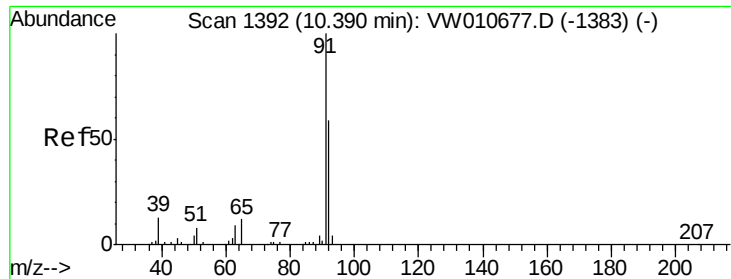
58 3.3 28.4 42.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#52

Toluene

Concen: 13.929 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010716.D

Acq: 06 Jun 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

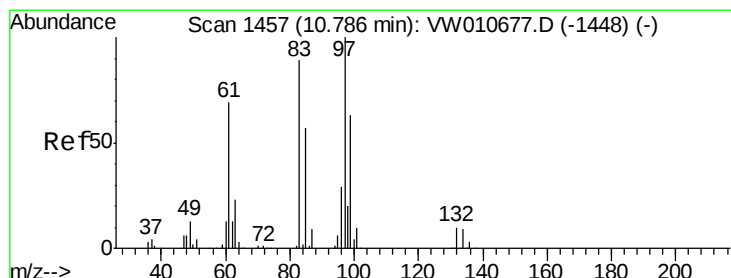
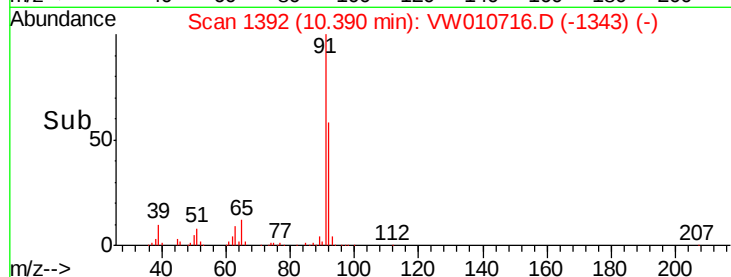
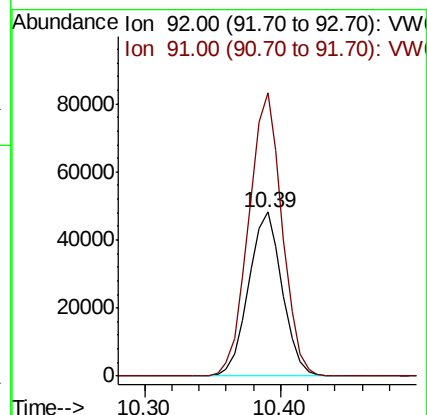
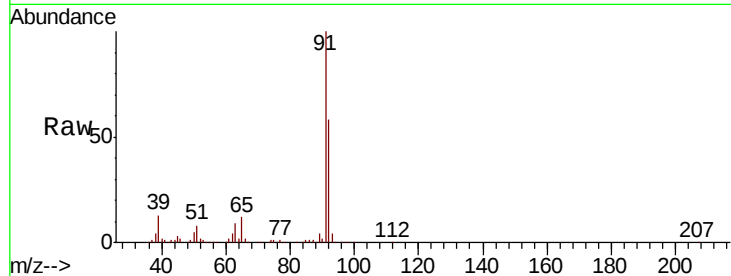
HR-05-060519-C

Tot Ion: 92 Resp: 83286

Ion Ratio Lower Upper

92 100

91 172.1 134.9 202.3



#55

1,1,2-Trichloroethane

Concen: 13.541 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW010716.D

Acq: 06 Jun 2019 18:07

Tgt Ion: 97 Resp: 23308

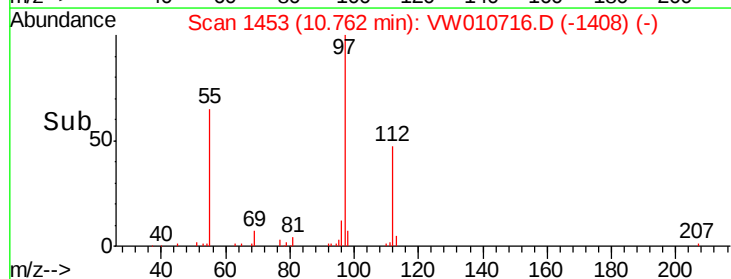
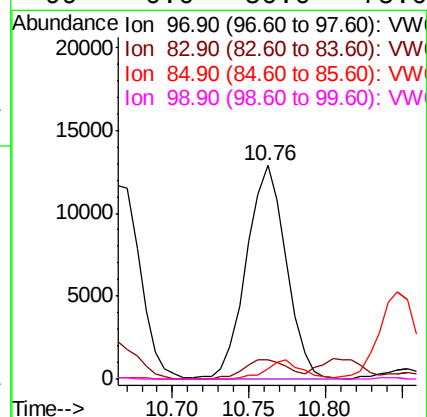
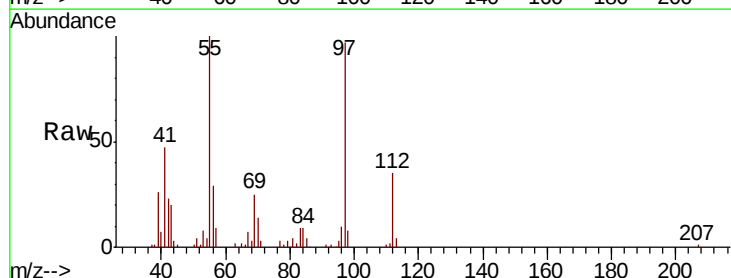
Ion Ratio Lower Upper

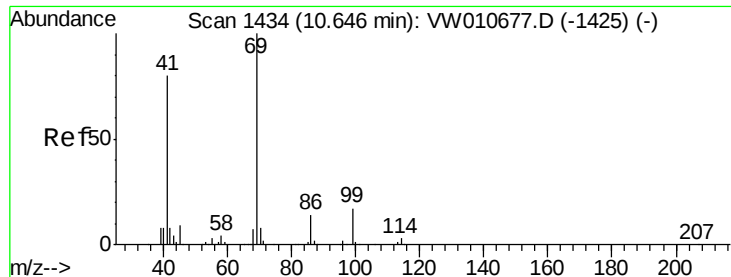
97 100

83 9.0 71.1 106.7#

85 4.6 45.2 67.8#

99 0.0 50.0 75.0#





#56

Ethyl methacrylate

Concen: 2.518 ug/l

RT: 10.66 min Scan# 1437

Delta R.T. 0.02 min

Lab File: VW010716.D

Acq: 06 Jun 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

HR-05-060519-C

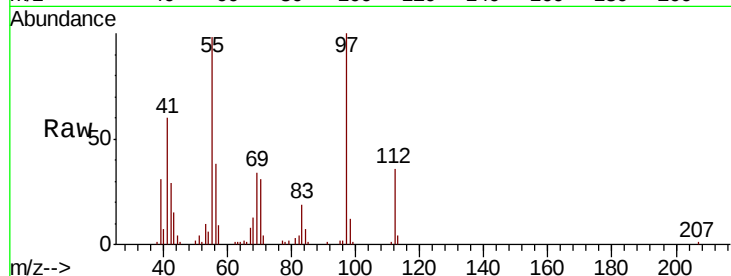
Tot Ion: 69 Resp: 6669

Ion Ratio Lower Upper

69 100

41 182.4 64.8 97.2#

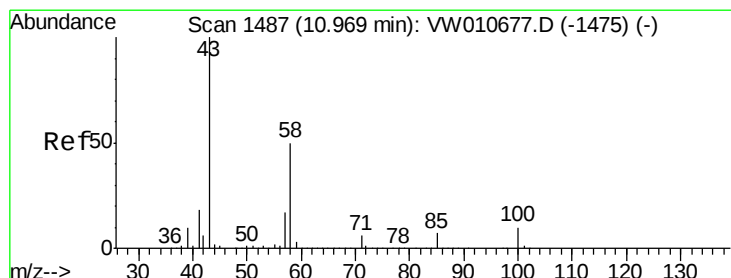
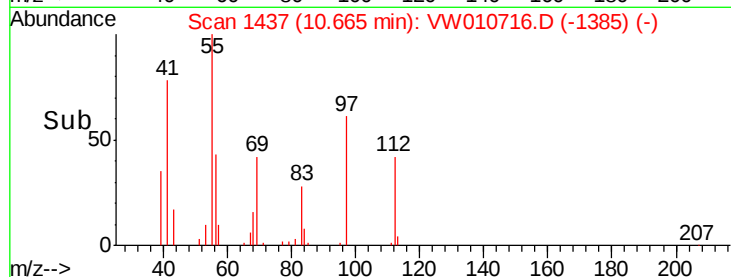
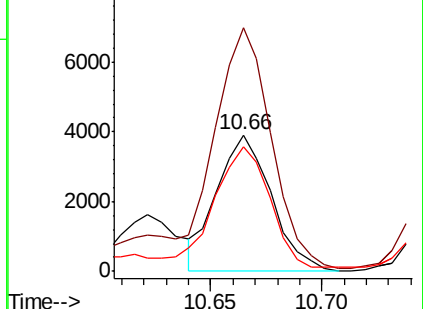
39 89.9 32.2 48.2#



Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



#59

2-Hexanone

Concen: 40.259 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW010716.D

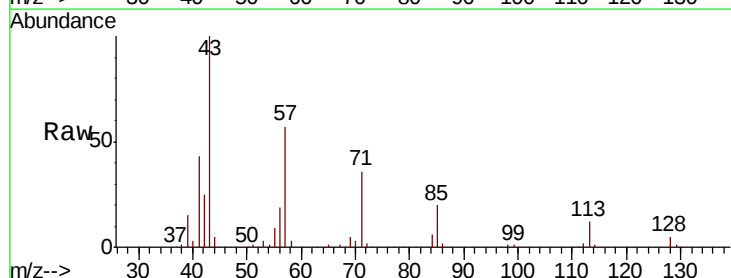
Acq: 06 Jun 2019 18:07

Tgt Ion: 43 Resp: 56688

Ion Ratio Lower Upper

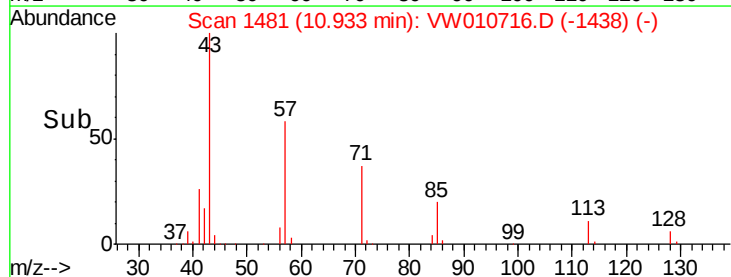
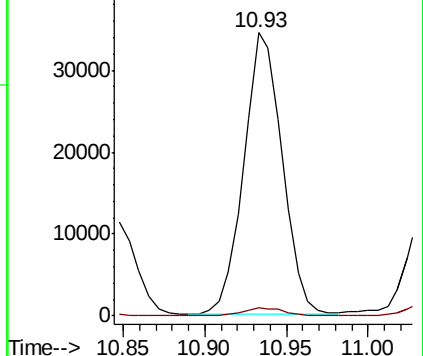
43 100

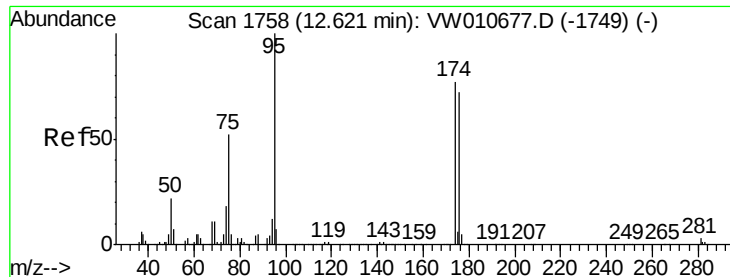
58 3.2 24.9 74.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

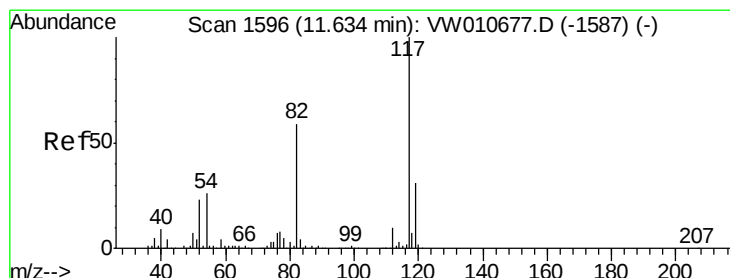
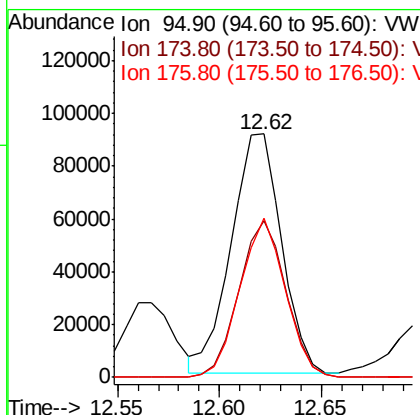
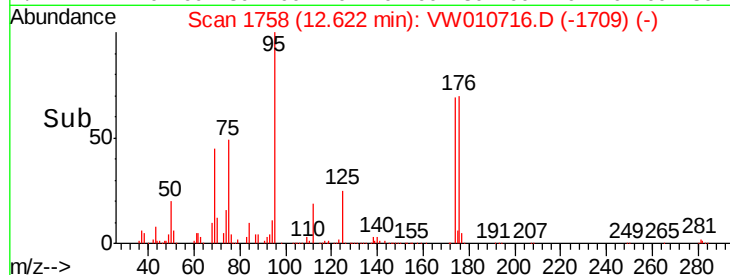
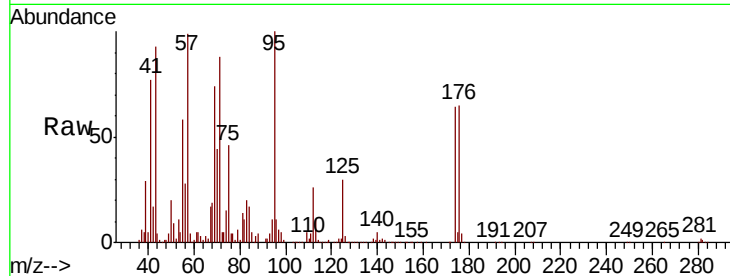




#62
4-Bromofluorobenzene
Concen: 51.217 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW010716.D
Acq: 06 Jun 2019 18:07

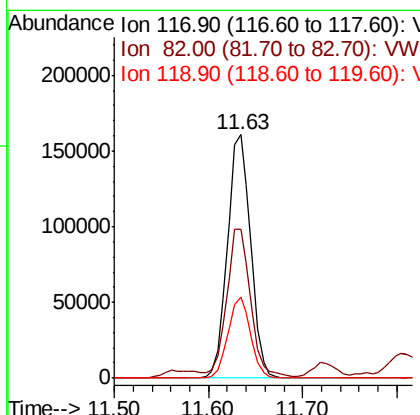
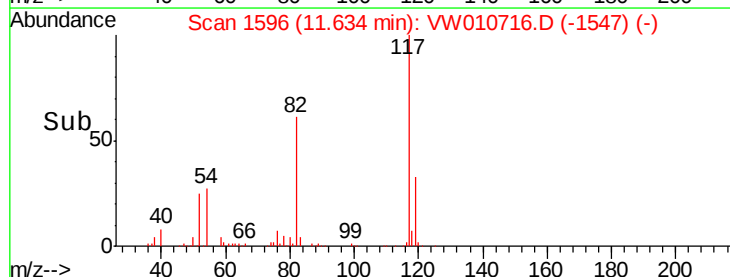
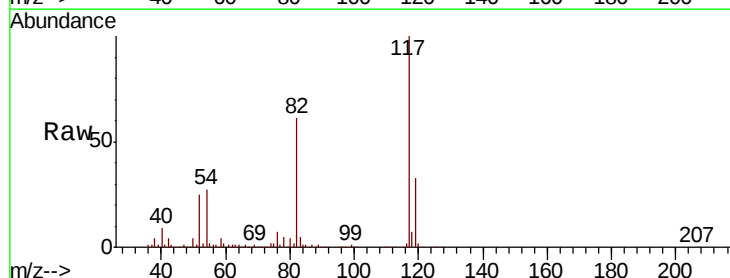
Instrument :
MSVOA_W
ClientSampleId :
HR-05-060519-C

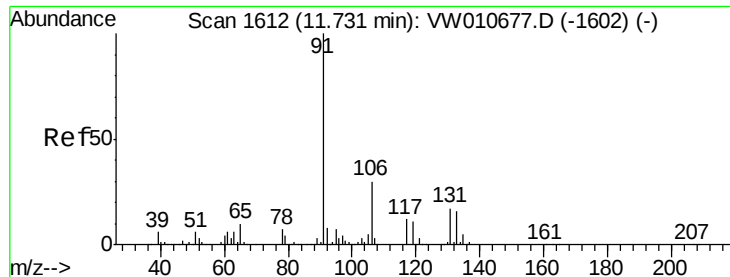
Tot Ion: 95 Resp: 154375
Ion Ratio Lower Upper
95 100
174 61.6 0.0 150.4
176 60.3 0.0 144.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010716.D
Acq: 06 Jun 2019 18:07

Tgt Ion: 117 Resp: 273148
Ion Ratio Lower Upper
117 100
82 58.4 47.0 70.4
119 33.2 25.1 37.7





#67

Ethyl Benzene

Concen: 27.719 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW010716.D

Acq: 06 Jun 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

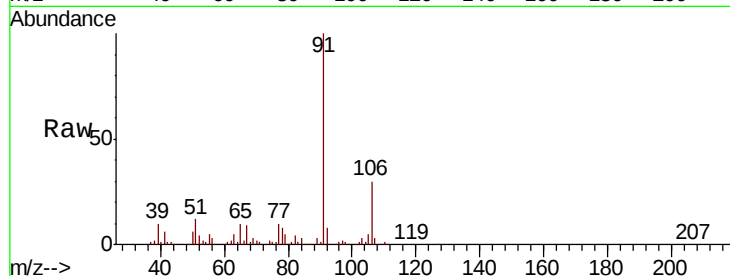
HR-05-060519-C

Tot Ion: 91 Resp: 286147

Ion Ratio Lower Upper

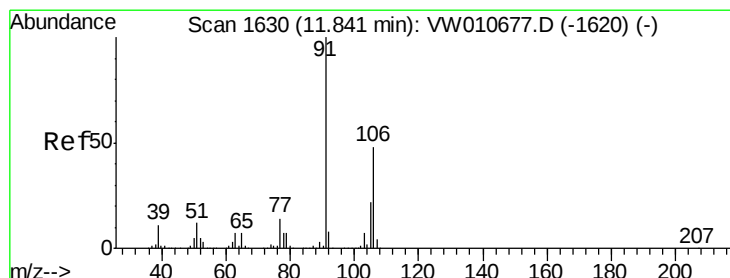
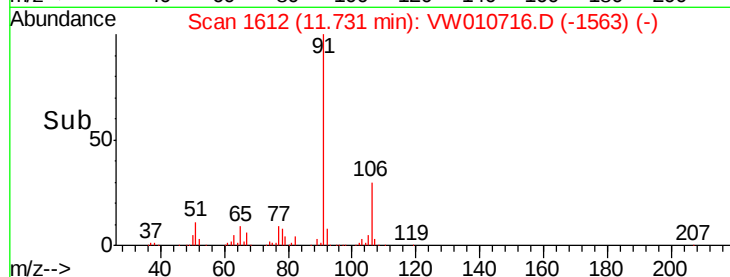
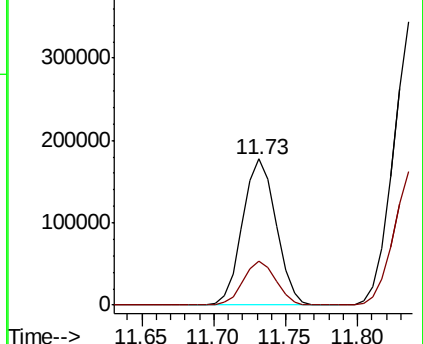
91 100

106 30.3 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 84.585 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW010716.D

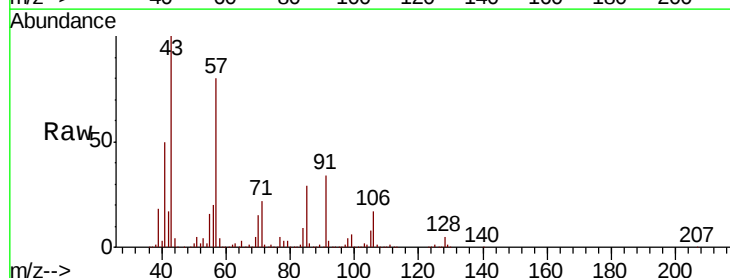
Acq: 06 Jun 2019 18:07

Tgt Ion: 106 Resp: 312573

Ion Ratio Lower Upper

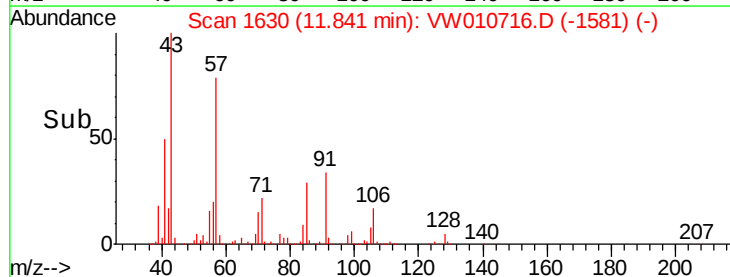
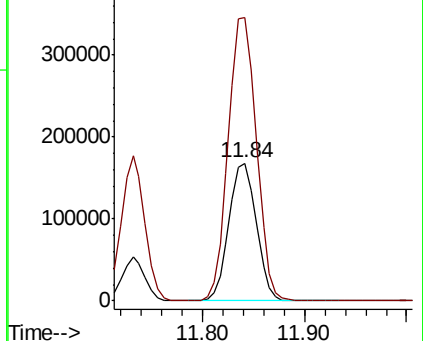
106 100

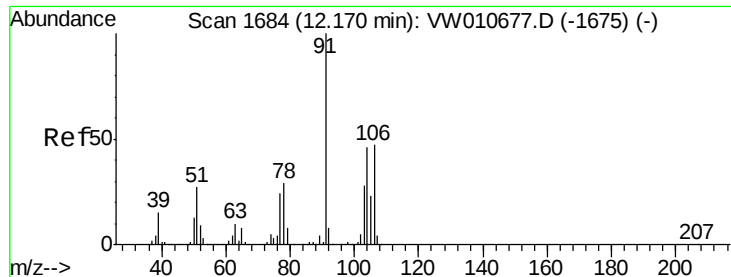
91 210.7 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

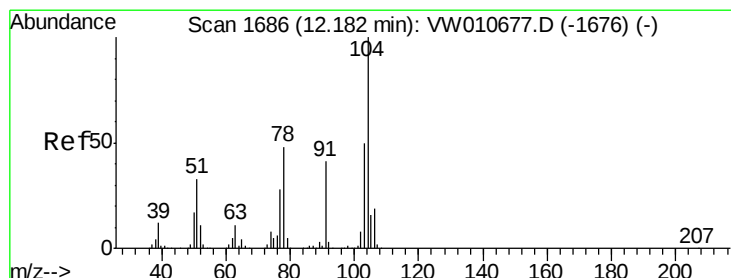
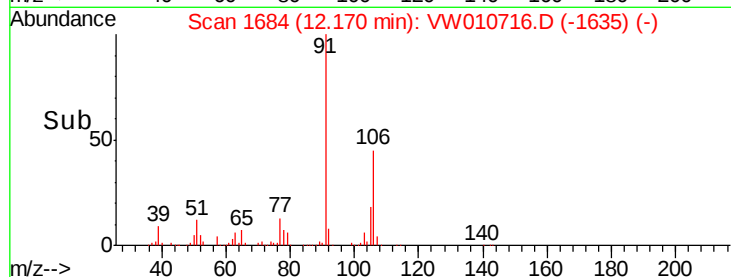
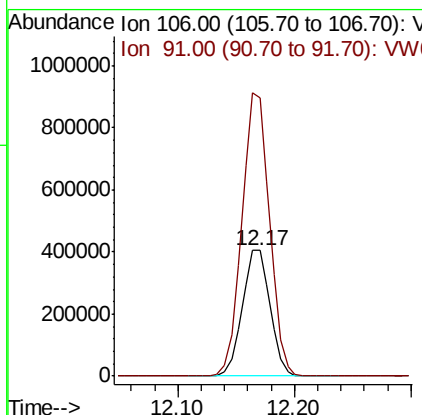
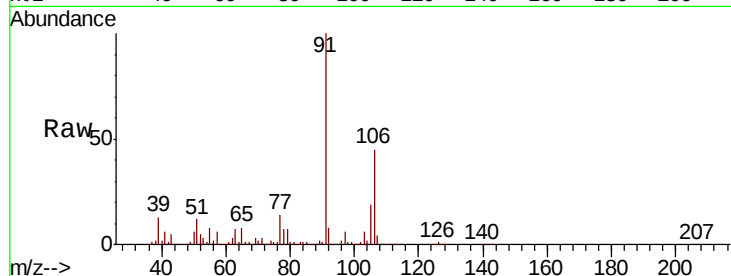




#69
o-Xylene
Concen: 193.354 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW010716.D
Acq: 06 Jun 2019 18:07

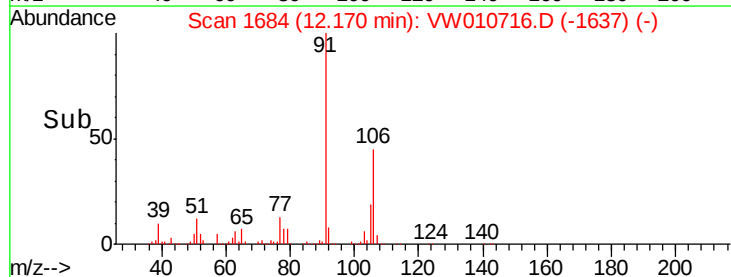
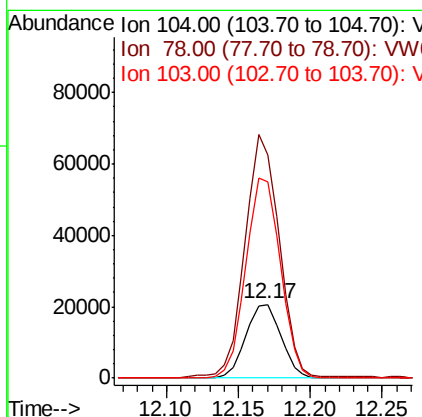
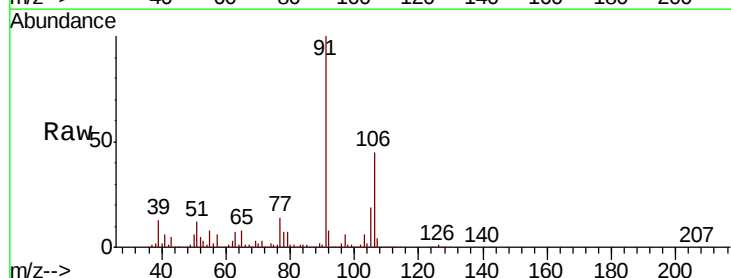
Instrument :
MSVOA_W
ClientSampleId :
HR-05-060519-C

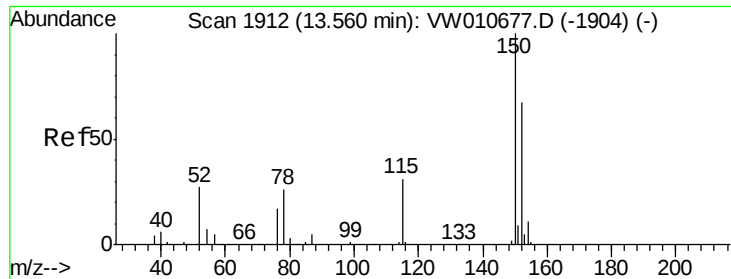
Tot Ion:106 Resp: 677664
Ion Ratio Lower Upper
106 100
91 223.8 108.9 326.6



#70
Styrene
Concen: 5.737 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.01 min
Lab File: VW010716.D
Acq: 06 Jun 2019 18:07

Tgt Ion:104 Resp: 34927
Ion Ratio Lower Upper
104 100
78 324.0 42.7 64.1#
103 267.6 43.6 65.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010716.D

Acq: 06 Jun 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

HR-05-060519-C

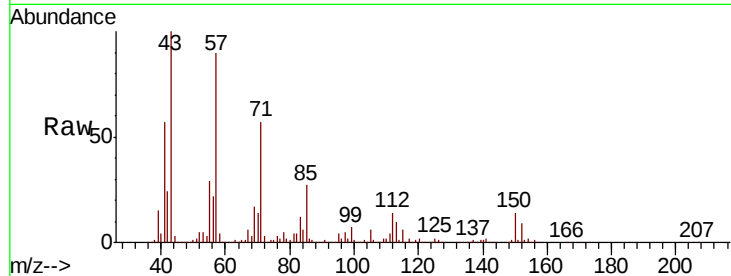
Tot Ion:152 Resp: 105458

Ion Ratio Lower Upper

152 100

115 0.0 29.8 89.3#

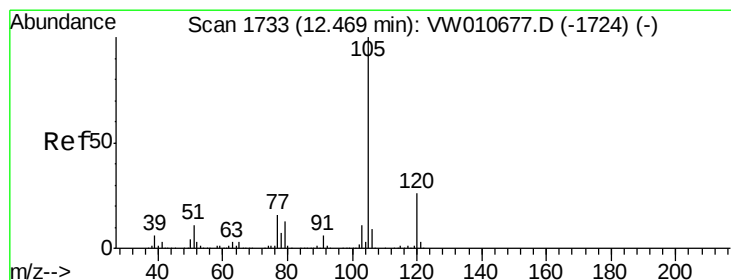
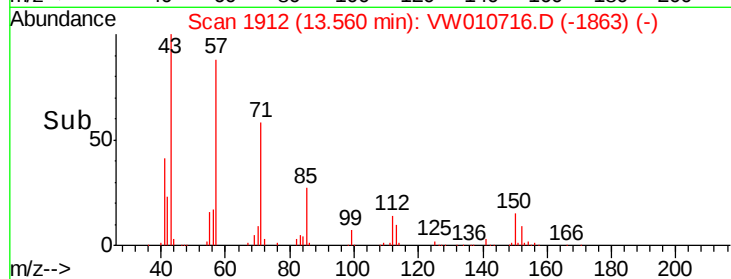
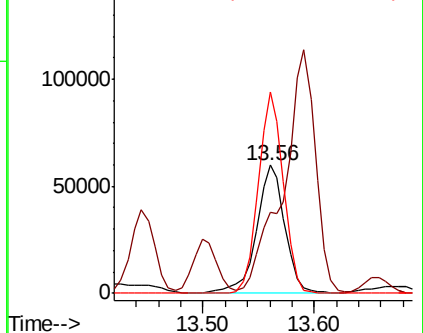
150 138.9 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 18.771 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW010716.D

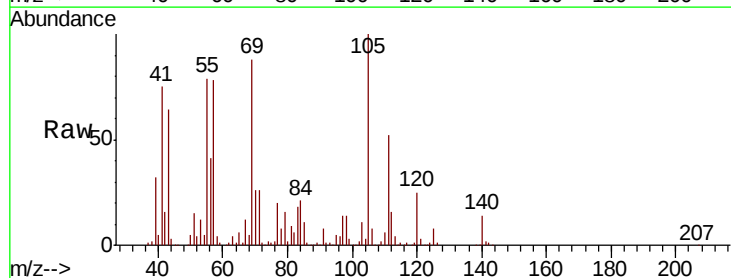
Acq: 06 Jun 2019 18:07

Tgt Ion:105 Resp: 148758

Ion Ratio Lower Upper

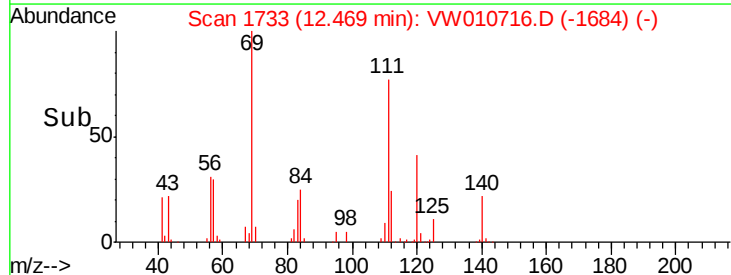
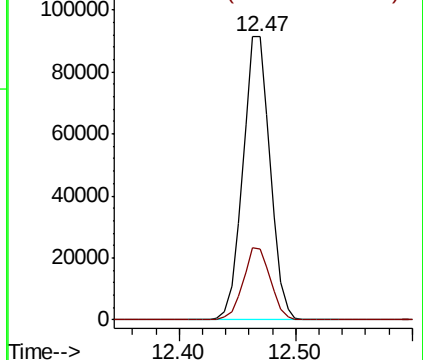
105 100

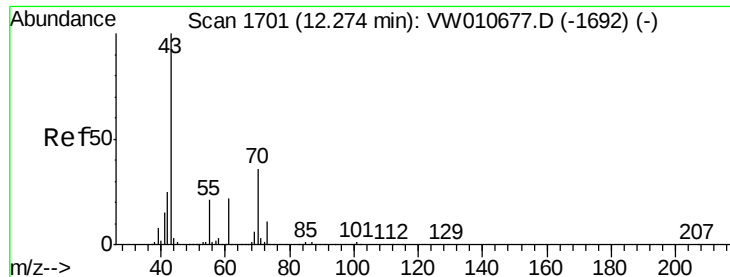
120 25.5 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 179.060 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW010716.D

Acq: 06 Jun 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

HR-05-060519-C

Tot Ion: 43 Resp: 458603

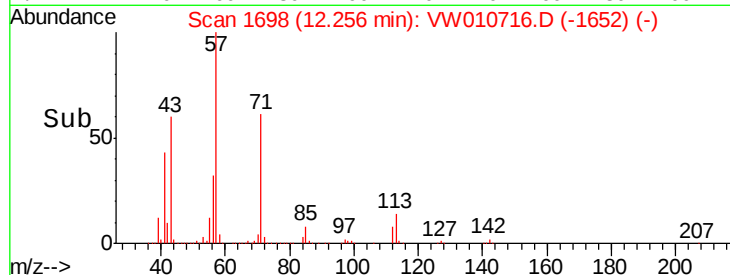
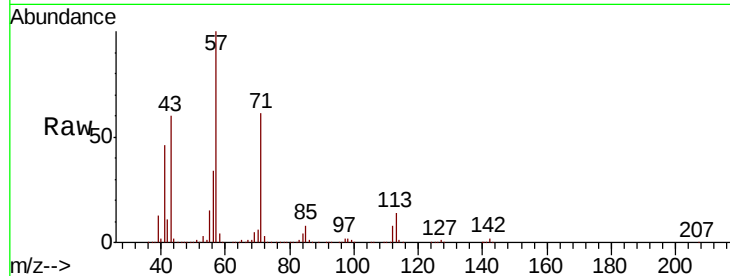
Ion Ratio Lower Upper

43 100

70 14.6 29.2 43.8#

55 16.1 17.5 26.3#

61 0.0 17.4 26.2#

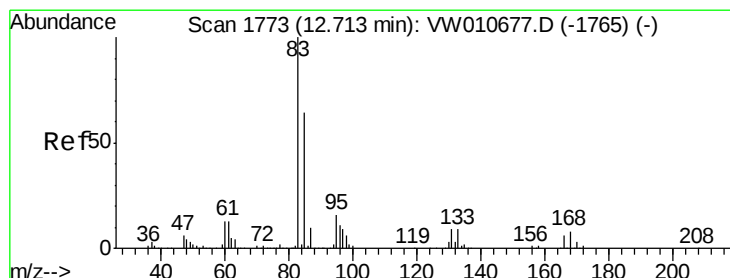
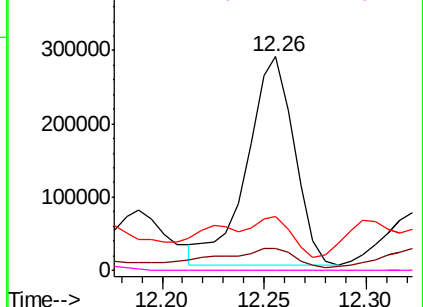


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 7.219 ug/l

RT: 12.65 min Scan# 1763

Delta R.T. -0.06 min

Lab File: VW010716.D

Acq: 06 Jun 2019 18:07

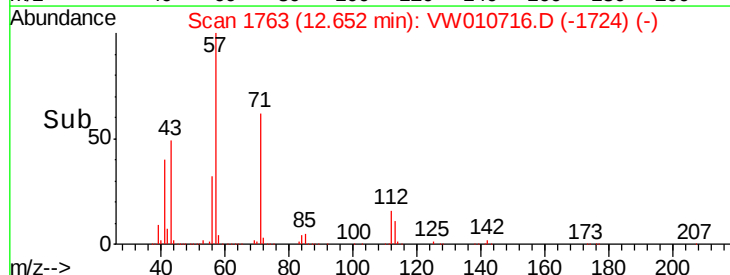
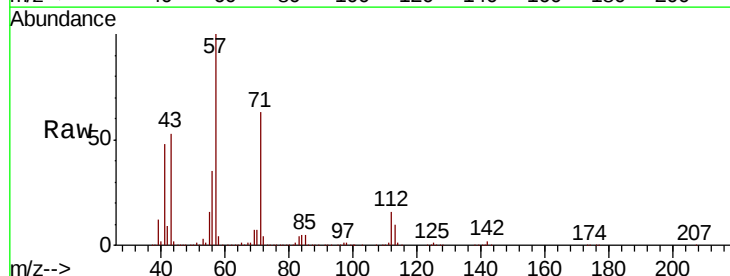
Tgt Ion: 83 Resp: 10891

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

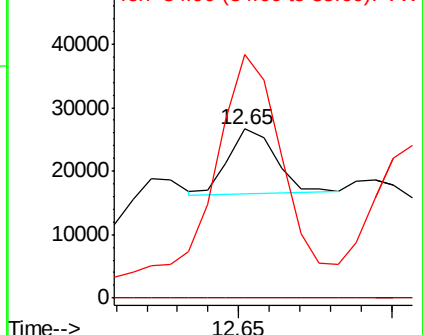
85 478.1 31.9 95.9#

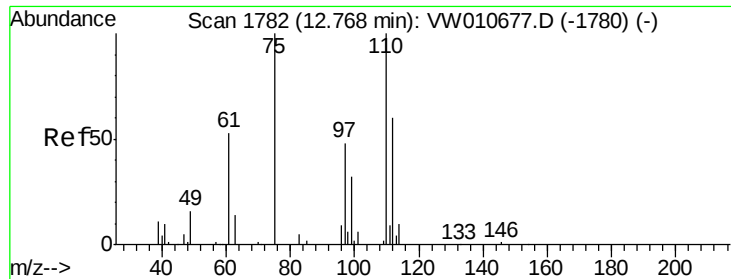


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

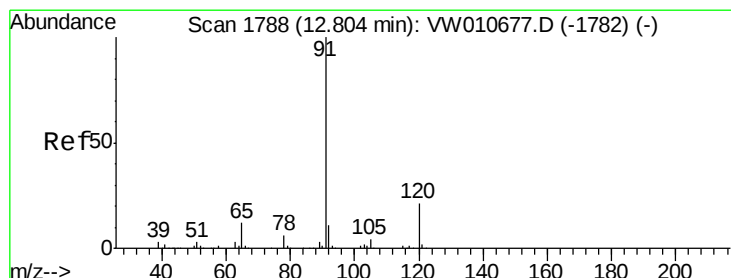
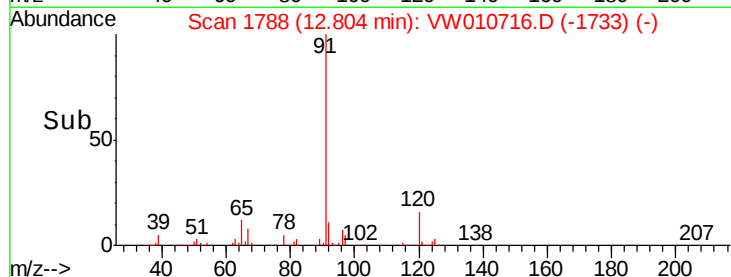
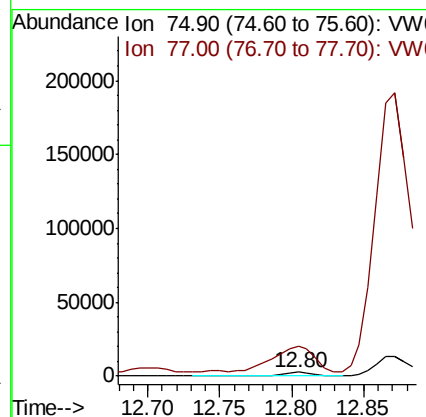
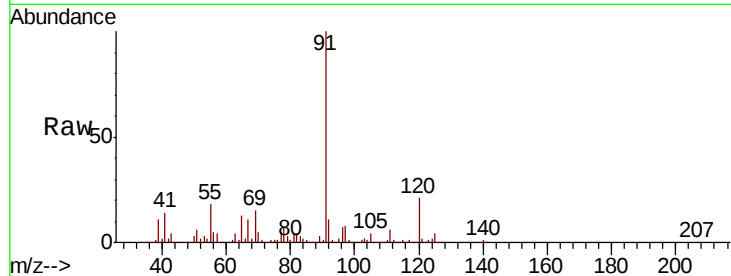




#76
 1,2,3-Trichloropropane
 Concen: 3.800 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. 0.04 min
 Lab File: VW010716.D
 Acq: 06 Jun 2019 18:07

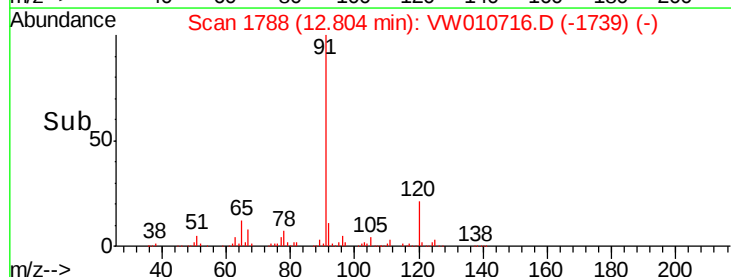
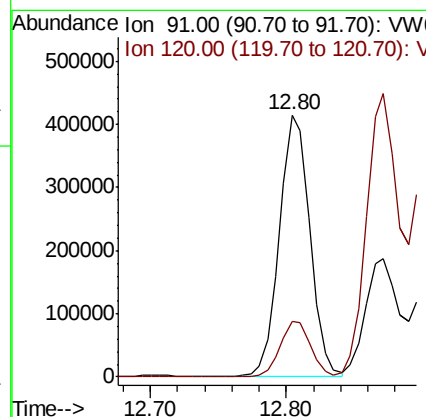
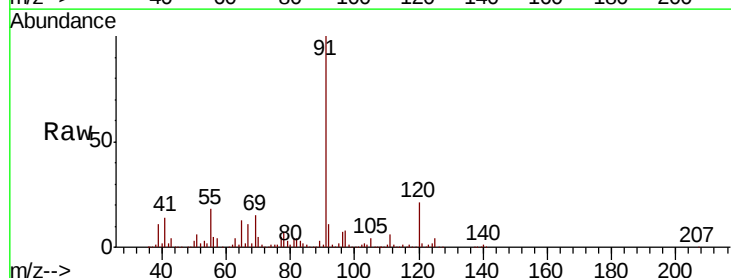
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-060519-C

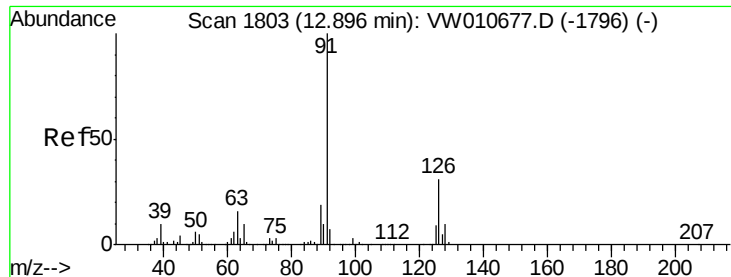
Tot Ion: 75 Resp: 4208
 Ion Ratio Lower Upper
 75 100
 77 865.6 0.0 0.0#



#78
 n-propylbenzene
 Concen: 67.488 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: VW010716.D
 Acq: 06 Jun 2019 18:07

Tgt Ion: 91 Resp: 644897
 Ion Ratio Lower Upper
 91 100
 120 21.3 10.8 32.4

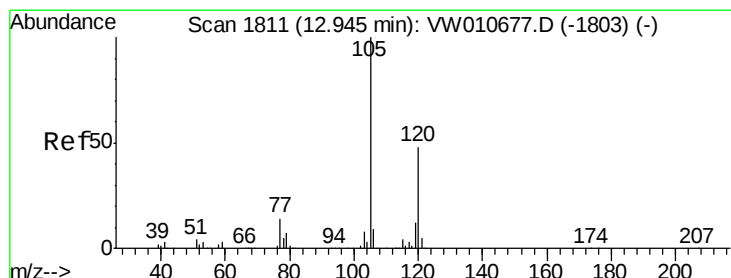
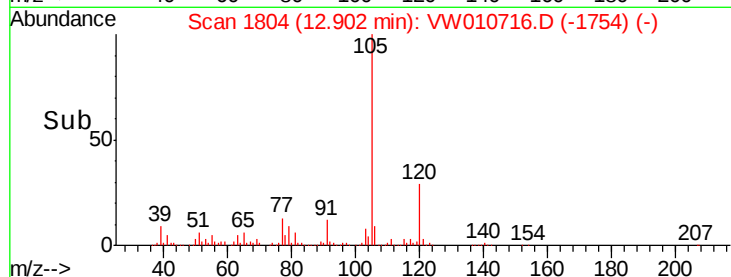
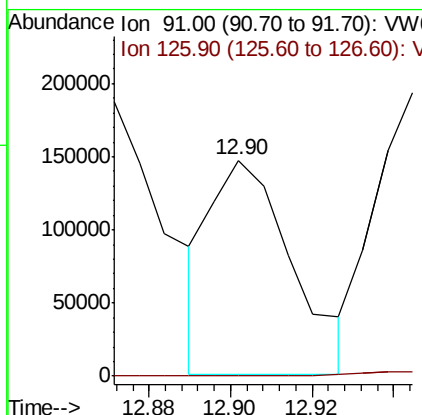
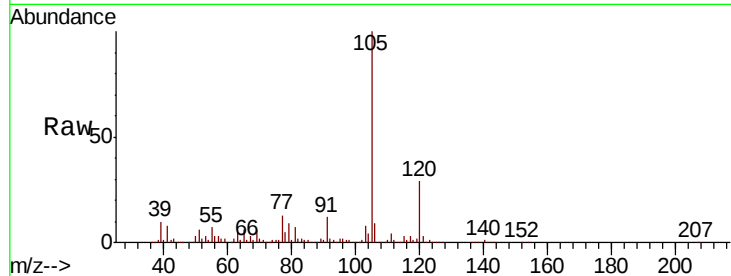




#79
2-Chlorotoluene
Concen: 37.012 ug/l
RT: 12.90 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VW010716.D
Acq: 06 Jun 2019 18:07

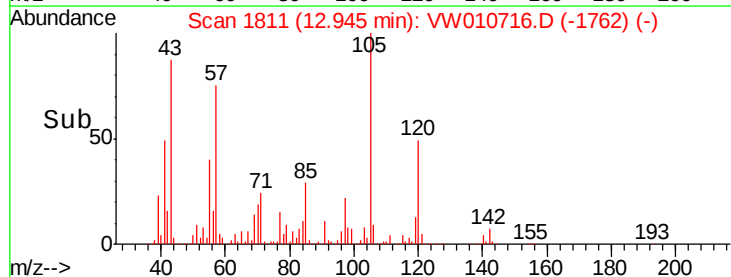
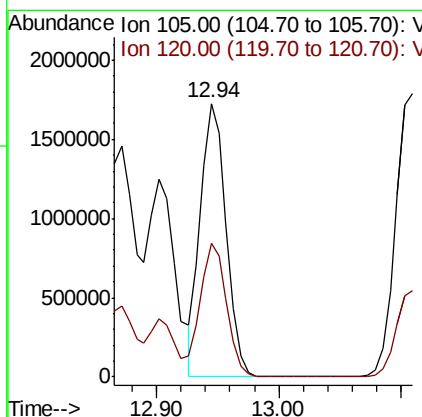
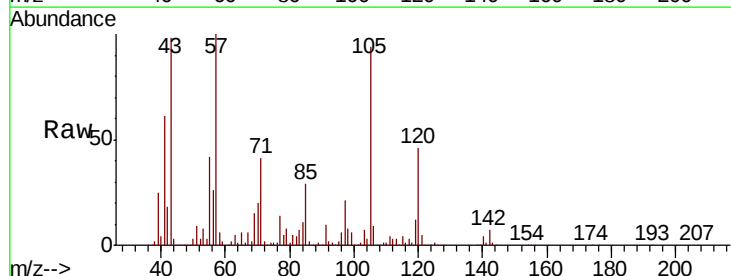
Instrument :
MSVOA_W
ClientSampleId :
HR-05-060519-C

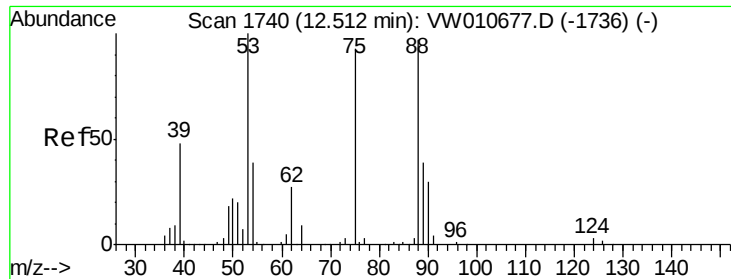
Tot Ion: 91 Resp: 202058
Ion Ratio Lower Upper
91 100
126 0.0 15.7 47.0#



#80
1,3,5-Trimethylbenzene
Concen: 388.915 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW010716.D
Acq: 06 Jun 2019 18:07

Tgt Ion:105 Resp: 2522720
Ion Ratio Lower Upper
105 100
120 50.8 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 4.696 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.05 min

Lab File: VW010716.D

Acq: 06 Jun 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

HR-05-060519-C

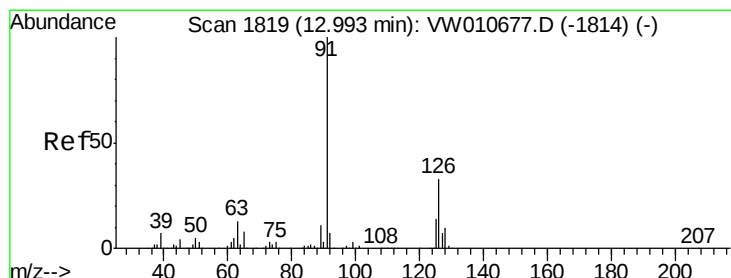
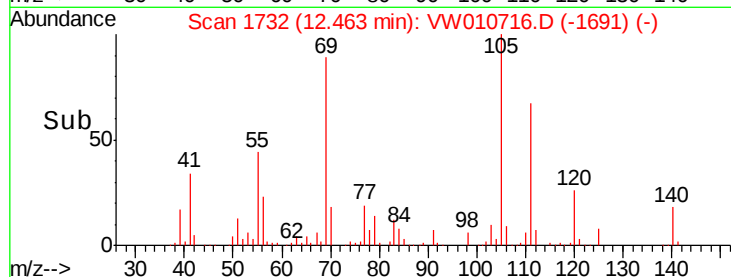
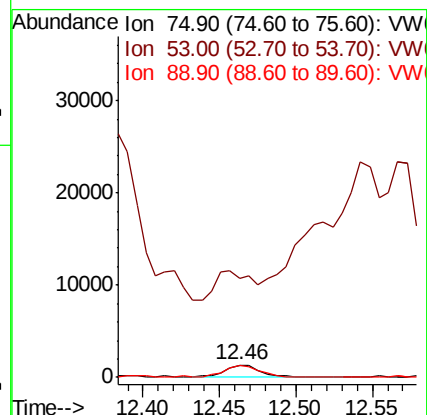
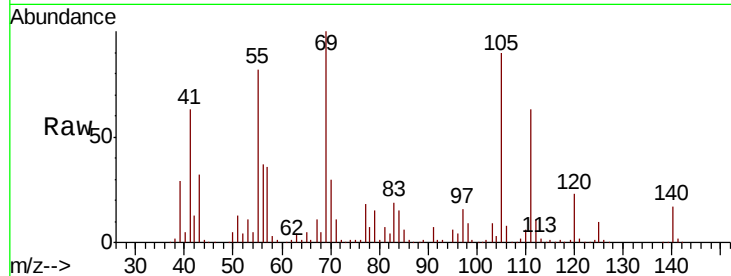
Tot Ion: 75 Resp: 2263

Ion Ratio Lower Upper

75 100

53 222.0 90.1 135.1#

89 102.4 34.6 52.0#



#82

4-Chlorotoluene

Concen: 50.119 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.05 min

Lab File: VW010716.D

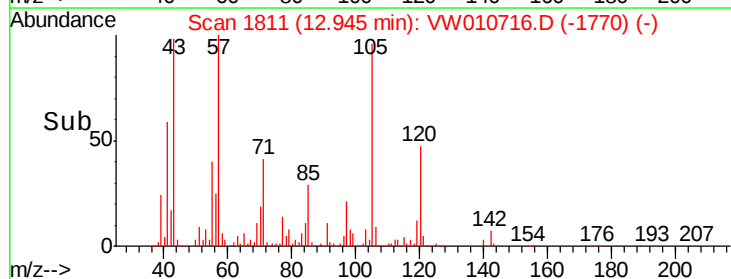
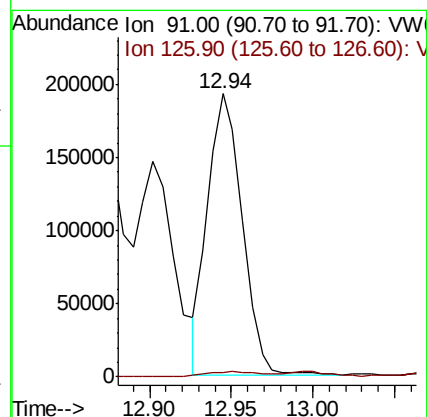
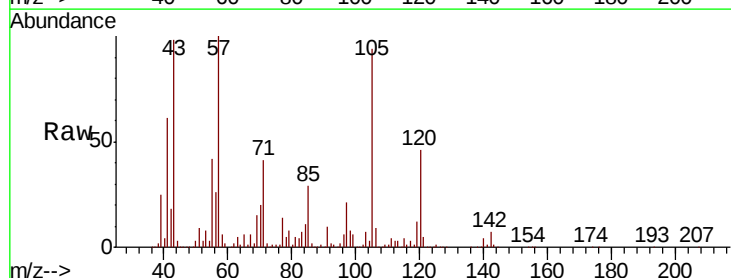
Acq: 06 Jun 2019 18:07

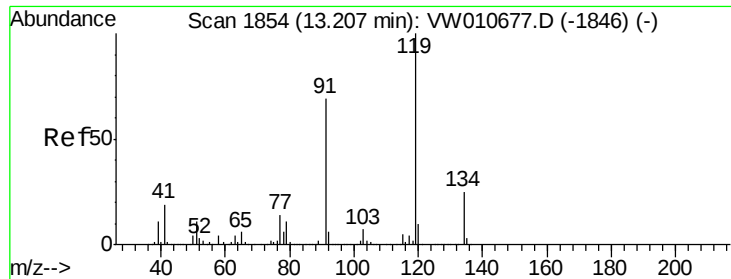
Tgt Ion: 91 Resp: 282358

Ion Ratio Lower Upper

91 100

126 2.6 15.9 47.7#

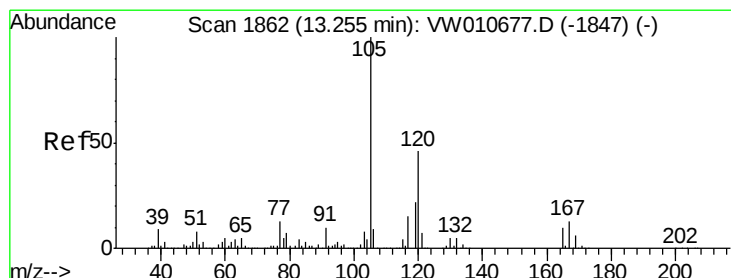
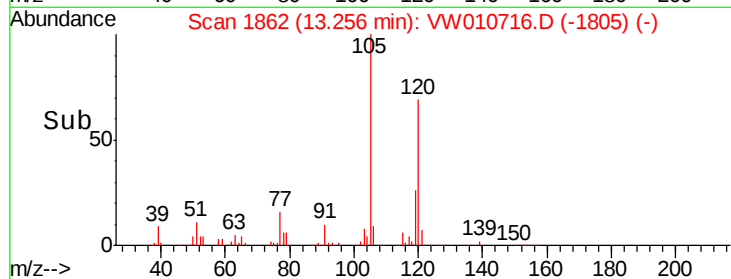
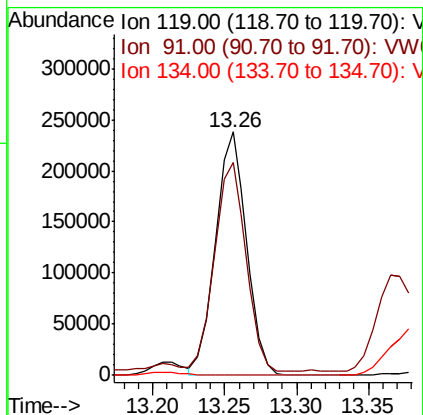
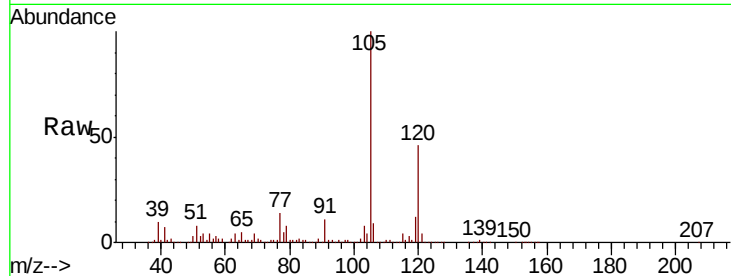




#83
tert-Butylbenzene
Concen: 65.363 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.05 min
Lab File: VW010716.D
Acq: 06 Jun 2019 18:07

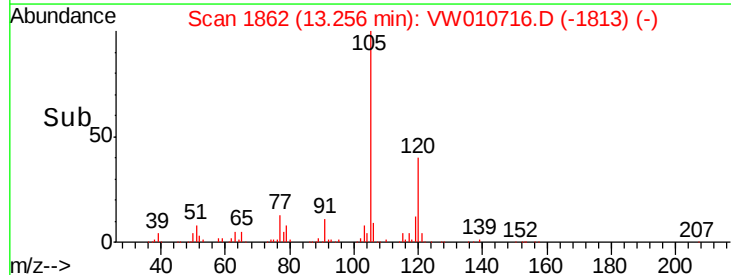
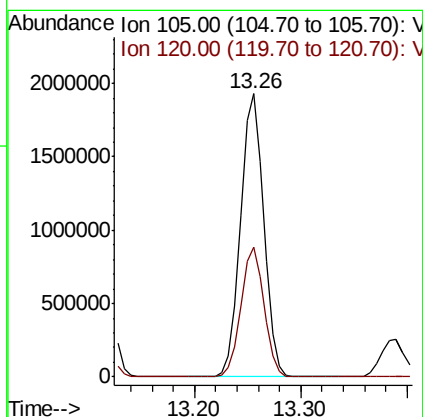
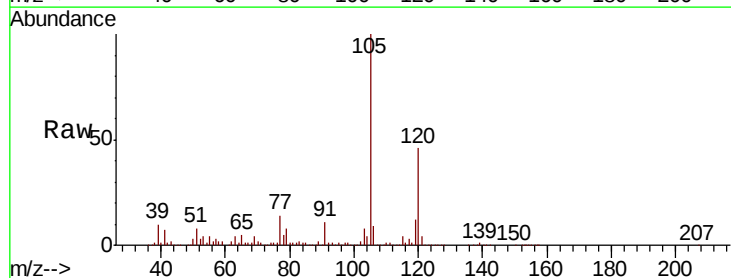
Instrument :
MSVOA_W
ClientSampleId :
HR-05-060519-C

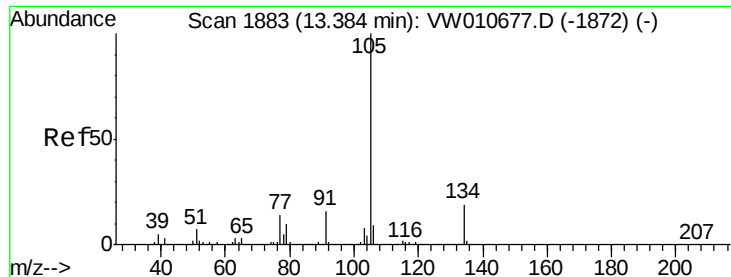
Tot Ion:119 Resp: 359824
Ion Ratio Lower Upper
119 100
91 86.7 35.1 105.3
134 0.0 13.6 40.7#



#84
1,2,4-Trimethylbenzene
Concen: 452.745 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW010716.D
Acq: 06 Jun 2019 18:07

Tgt Ion:105 Resp: 2955232
Ion Ratio Lower Upper
105 100
120 45.5 22.5 67.5





#85

sec-Butylbenzene

Concen: 49.878 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VW010716.D

Acq: 06 Jun 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

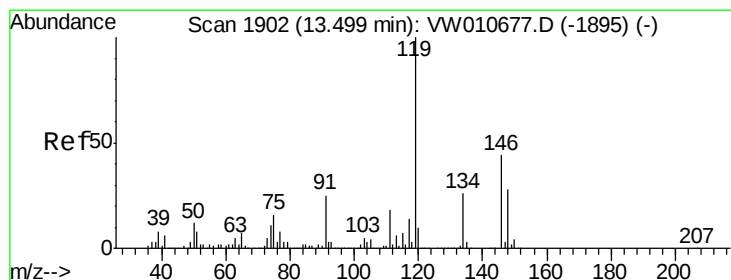
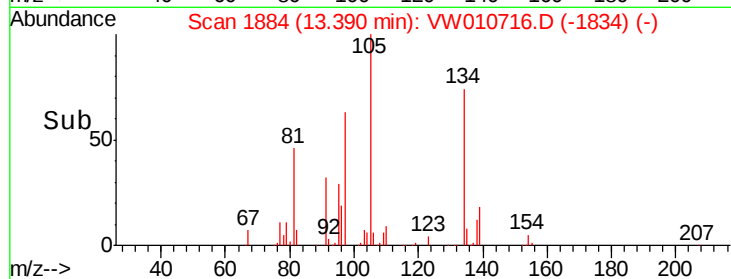
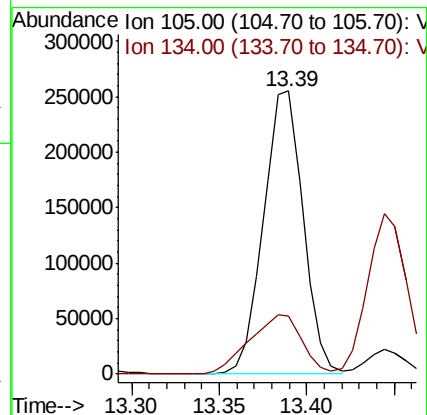
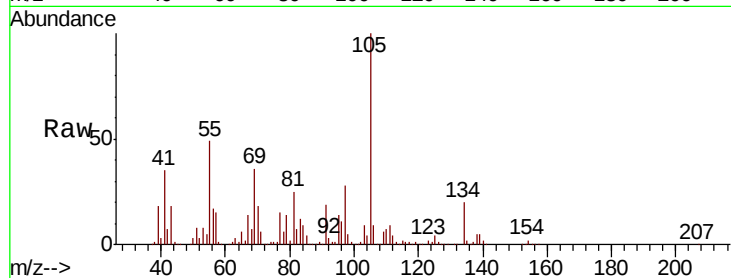
HR-05-060519-C

Tot Ion:105 Resp: 399778

Ion Ratio Lower Upper

105 100

134 27.9 9.7 28.9



#86

p-Isopropyltoluene

Concen: 70.488 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010716.D

Acq: 06 Jun 2019 18:07

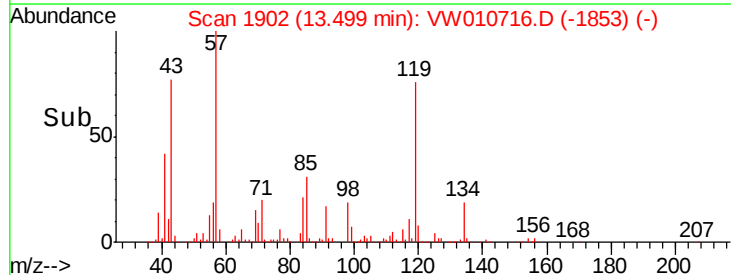
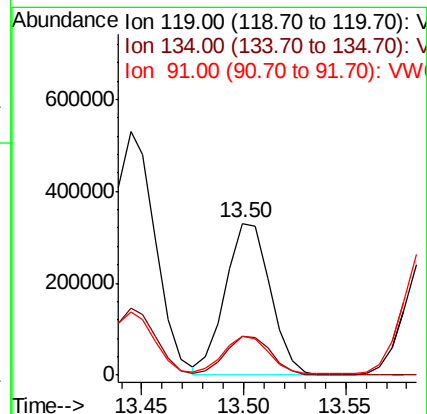
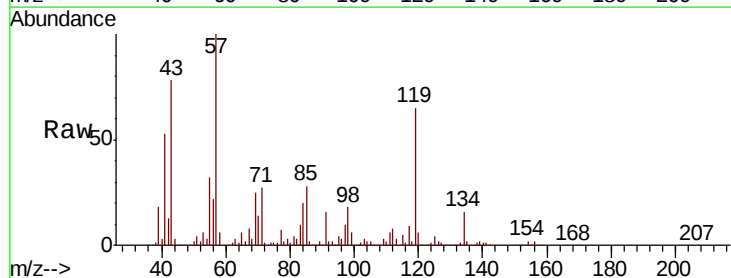
Tgt Ion:119 Resp: 505229

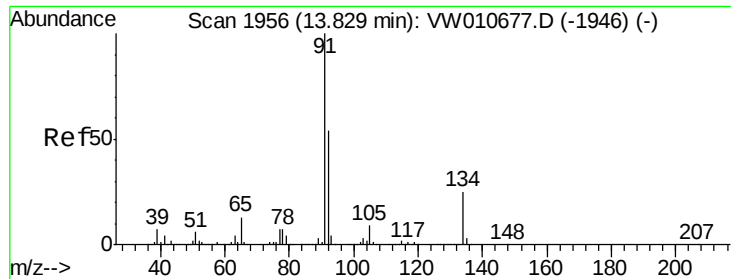
Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

91 24.6 12.2 36.4





#89

n-Butylbenzene

Concen: 75.308 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW010716.D

Acq: 06 Jun 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

HR-05-060519-C

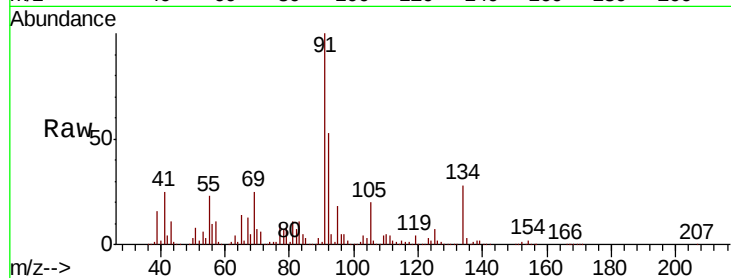
Tot Ion: 91 Resp: 538558

Ion Ratio Lower Upper

91 100

92 66.8 27.3 81.8

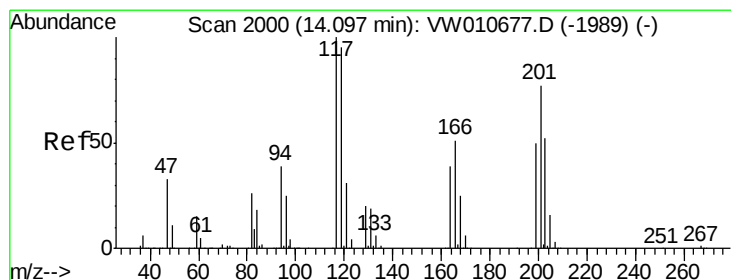
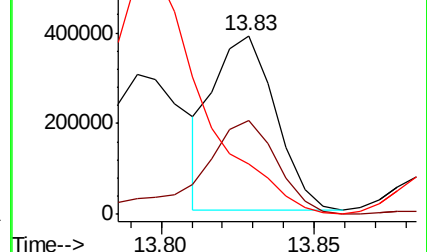
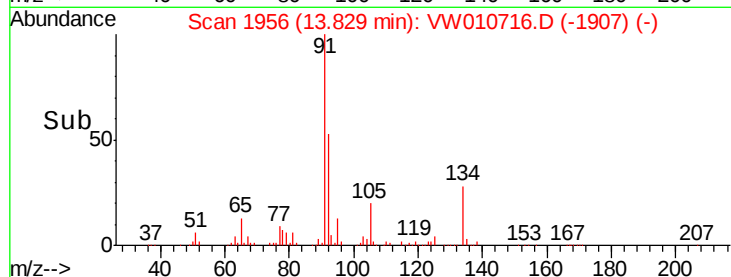
134 0.0 12.3 36.9#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): VW



#90

Hexachloroethane

Concen: 152.131 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW010716.D

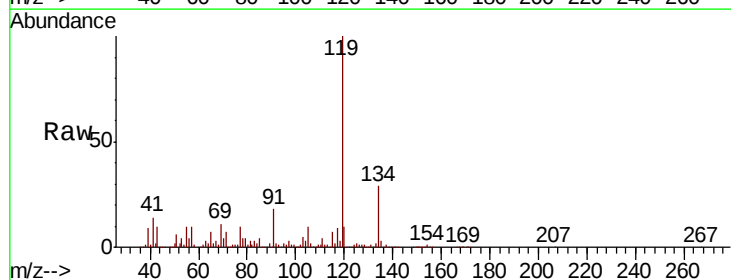
Acq: 06 Jun 2019 18:07

Tgt Ion: 117 Resp: 195274

Ion Ratio Lower Upper

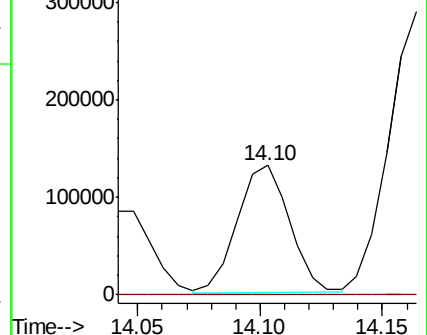
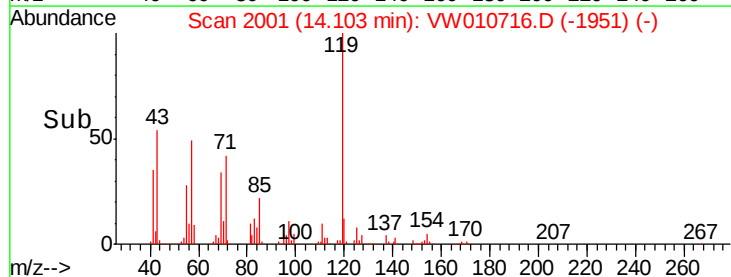
117 100

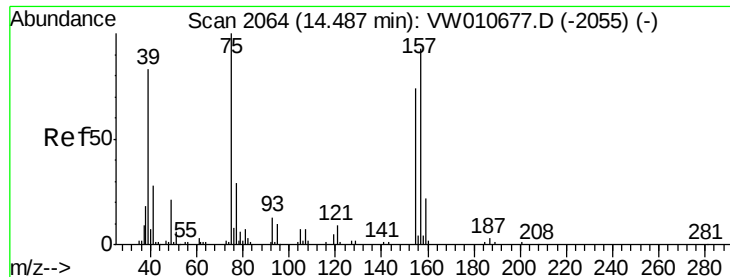
201 0.0 38.8 116.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 14.892 ug/l

RT: 14.51 min Scan# 2067

Delta R.T. 0.02 min

Lab File: VW010716.D

Acq: 06 Jun 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

HR-05-060519-C

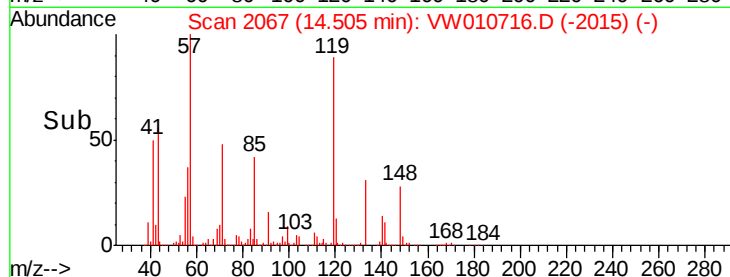
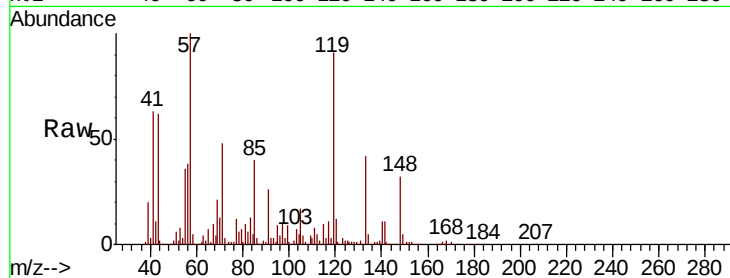
Tot Ion: 75 Resp: 3858

Ion Ratio Lower Upper

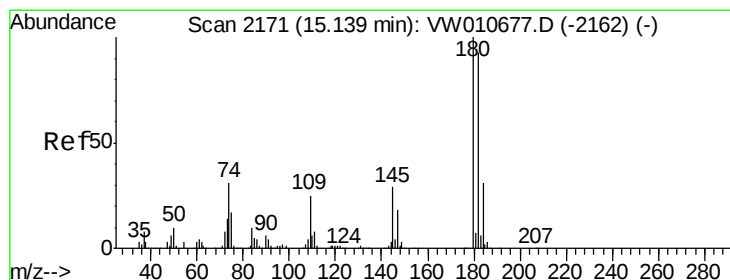
75 100

155 80.7 38.8 116.4

157 0.0 48.4 145.0#



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 1.199 ug/l

RT: 15.15 min Scan# 2172

Delta R.T. 0.01 min

Lab File: VW010716.D

Acq: 06 Jun 2019 18:07

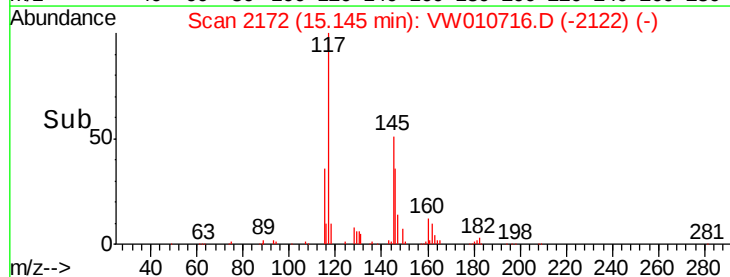
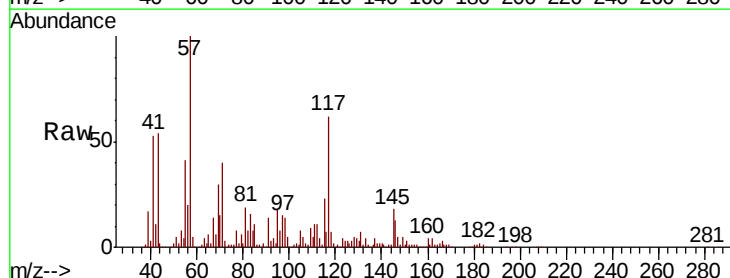
Tgt Ion: 180 Resp: 2525

Ion Ratio Lower Upper

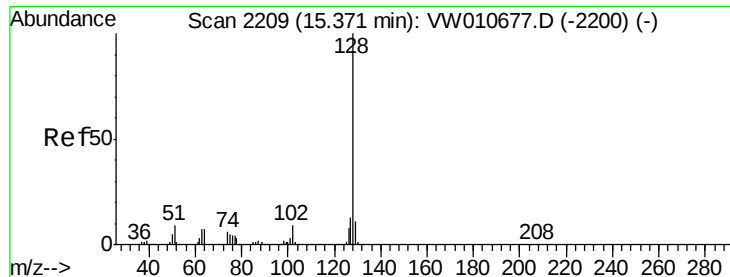
180 100

182 0.0 47.1 141.4#

145 0.0 15.2 45.5#



Time-->



#95

Naphthalene

Concen: 44.077 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW010716.D

Acq: 06 Jun 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

HR-05-060519-C

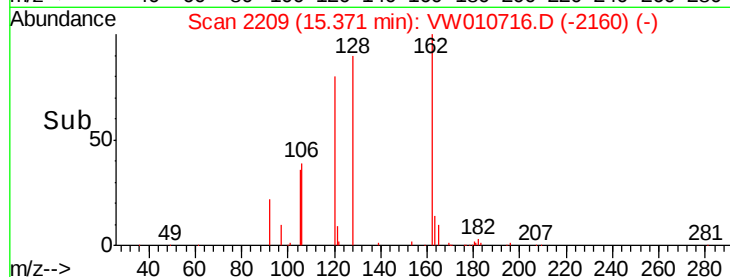
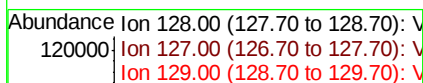
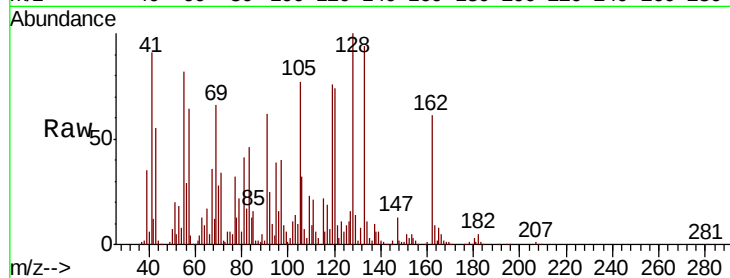
Tot Ion:128 Resp: 168593

Ion Ratio Lower Upper

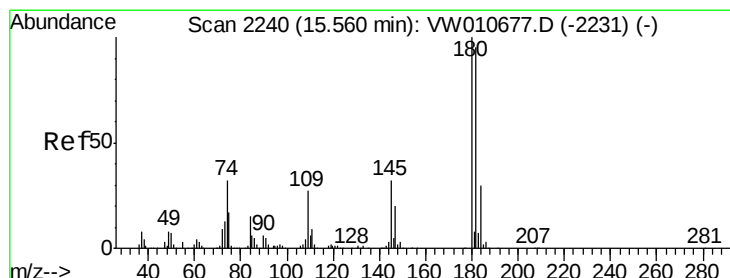
128 100

127 8.1 10.6 15.8#

129 7.0 8.6 13.0#



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 4.644 ug/l

RT: 15.58 min Scan# 2244

Delta R.T. 0.02 min

Lab File: VW010716.D

Acq: 06 Jun 2019 18:07

Tgt Ion:180 Resp: 8315

Ion Ratio Lower Upper

180 100

182 0.0 47.0 141.0#

145 0.0 16.1 48.3#

