

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072019\
 Data File : VW011408.D
 Acq On : 20 Jul 2019 07:03
 Operator : SY/VA
 Sample : K3615-05
 Misc : 6.30G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-071719-C

Quant Time: Jul 22 01:00:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	246324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	444626	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	340855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	106488	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	182372	58.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.84%	
35) Dibromofluoromethane	7.88	113	142315	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
50) Toluene-d8	10.32	98	547598	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.62	95	213652	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.10	59	15284	66.697	ug/l #	73
16) Acetone	4.13	43	32761	43.990	ug/l	96
18) Methyl Acetate	4.67	43	7504	2.192	ug/l	99
20) Methylene Chloride	4.91	84	11005	3.746	ug/l	89
25) 2-Butanone	7.14	43	6783	5.802	ug/l #	78
26) 2,2-Dichloropropane	7.14	77	5598	1.911	ug/l #	53
29) Tetrahydrofuran	7.53	42	1604	2.093	ug/l #	54
31) Cyclohexane	7.93	56	6837	1.140	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21972	4.640	ug/l #	52
38) Carbon Tetrachloride	7.94	117	24984	6.224	ug/l #	16
39) Methylcyclohexane	9.34	83	13210	2.302	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	5132	1.829	ug/l	93
52) Toluene	10.38	92	90126	11.354	ug/l	99
55) 1,1,2-Trichloroethane	10.76	97	71173	30.140	ug/l #	19
56) Ethyl methacrylate	10.66	69	16140	4.489	ug/l #	1
59) 2-Hexanone	10.93	43	115389	59.304	ug/l #	33
67) Ethyl Benzene	11.73	91	653396	49.252	ug/l	99
68) m/p-Xylenes	11.84	106	957765	199.520	ug/l	99
69) o-Xylene	12.16	106	1441801	318.671	ug/l	99
70) Styrene	12.16	104	73691	9.437	ug/l #	1
73) Isopropylbenzene	12.46	105	314450	39.502	ug/l	99
74) N-amyl acetate	12.26	43	1084604	391.215	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.74	83	19074	11.689	ug/l #	26
76) 1,2,3-Trichloropropane	12.80	75	9359	7.605	ug/l #	100
78) n-propylbenzene	12.80	91	1439186	146.765	ug/l	100
79) 2-Chlorotoluene	12.90	91	344297	61.014	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.94	105	5896870	871.962	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.46	75	4001	7.354	ug/l #	1
82) 4-Chlorotoluene	12.94	91	671848	114.310	ug/l #	47
83) tert-Butylbenzene	13.21	119	48277	8.560	ug/l	89
84) 1,2,4-Trimethylbenzene	13.26	105	6473158	953.254	ug/l	99
85) sec-Butylbenzene	13.38	105	493816	60.678	ug/l #	69
86) p-Isopropyltoluene	13.50	119	586982	80.415	ug/l	100
89) n-Butylbenzene	13.82	91	889668	122.178	ug/l #	79

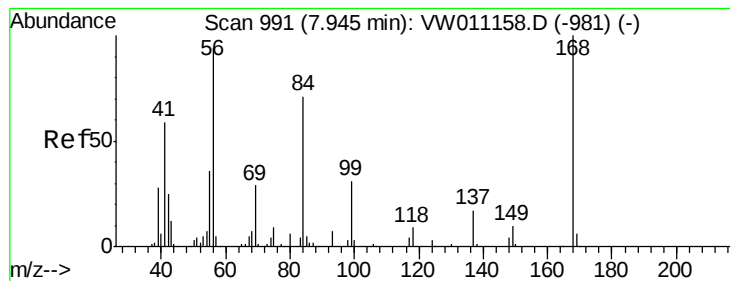
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Quant Title : SW846 8260
QLast Update : Thu Jul 11 08:14:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.10	117	231764	173.753	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.51	75	4959	17.133	ug/l #	36
93) 1,2,4-Trichlorobenzene	15.18	180	4340	2.021	ug/l #	1
95) Naphthalene	15.37	128	160410	38.975	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.58	180	7720	4.073	ug/l #	31

(#) = 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: VW011408.D

Acq: 20 Jul 2019 07:03

Instrument :

MSVOA_W

ClientSampleId :

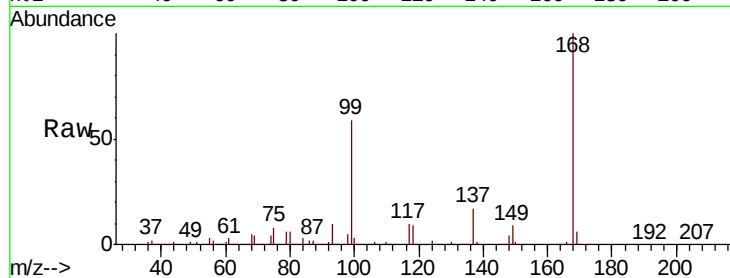
HR-06-071719-C

Tot Ion:168 Resp: 246324

Ion Ratio Lower Upper

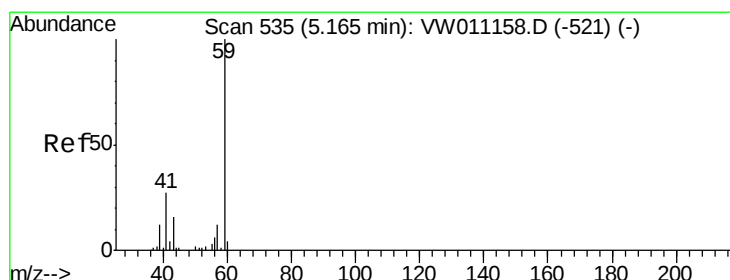
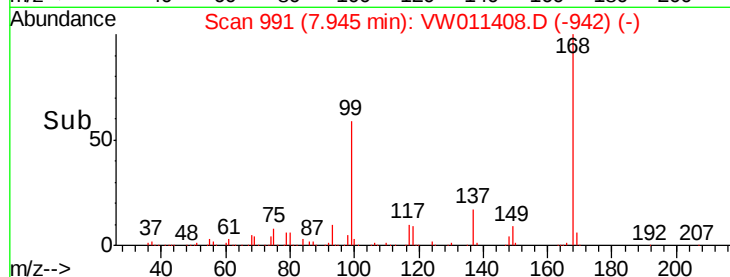
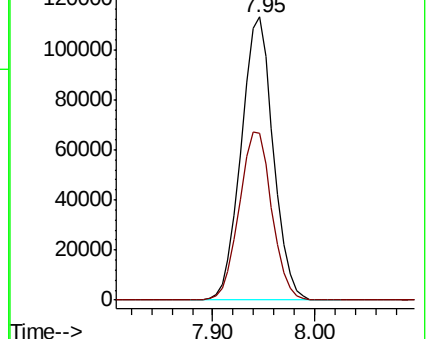
168 100

99 58.8 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 66.697 ug/l

RT: 5.10 min Scan# 525

Delta R.T. -0.06 min

Lab File: VW011408.D

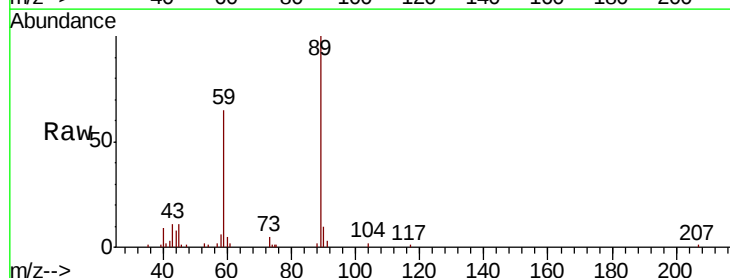
Acq: 20 Jul 2019 07:03

Tgt Ion: 59 Resp: 15284

Ion Ratio Lower Upper

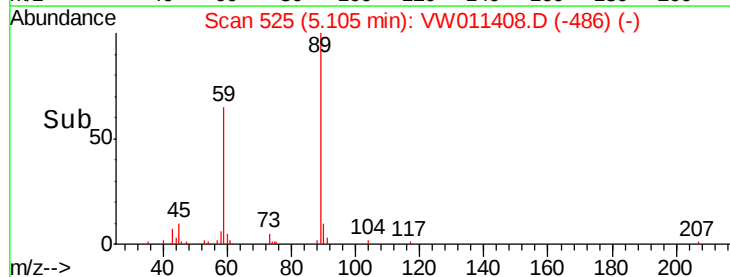
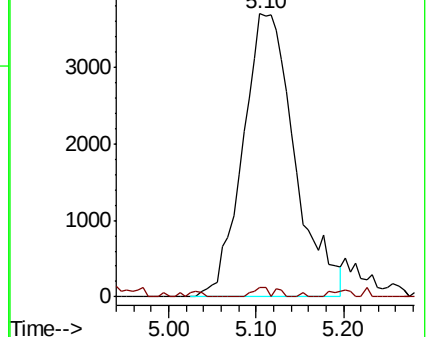
59 100

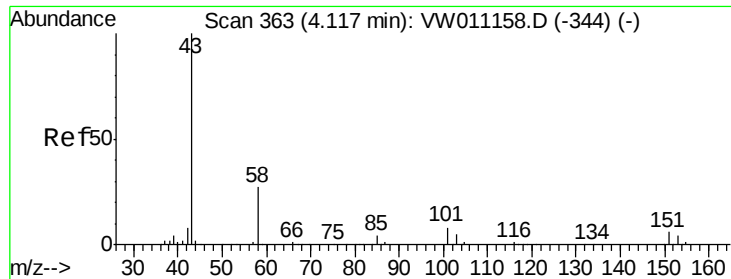
57 0.9 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 43.990 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011408.D

Acq: 20 Jul 2019 07:03

Instrument :

MSVOA_W

ClientSampleId :

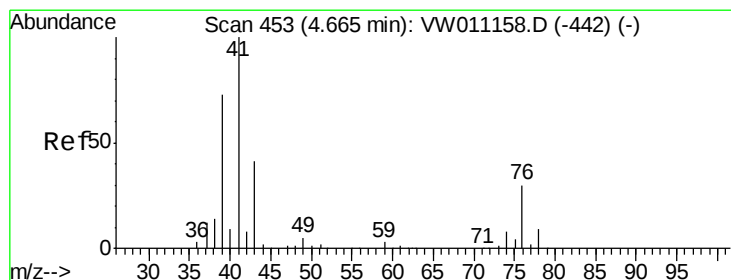
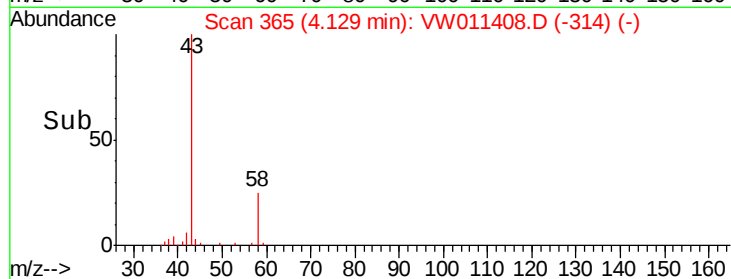
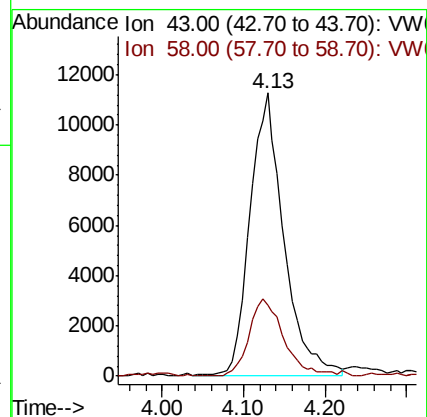
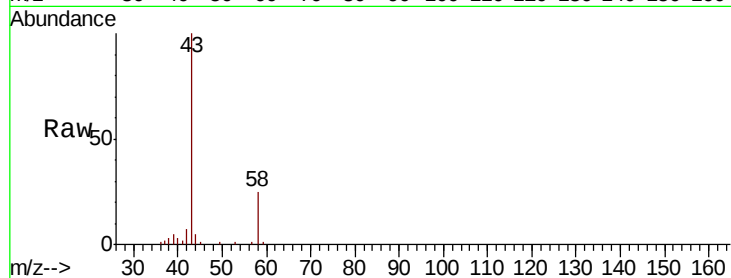
HR-06-071719-C

Tot Ion: 43 Resp: 32761

Ion Ratio Lower Upper

43 100

58 24.9 21.8 32.6



#18

Methyl Acetate

Concen: 2.192 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW011408.D

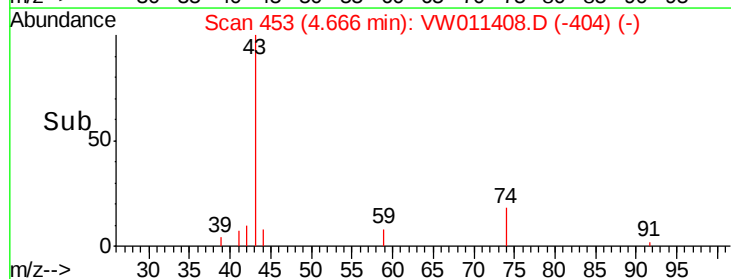
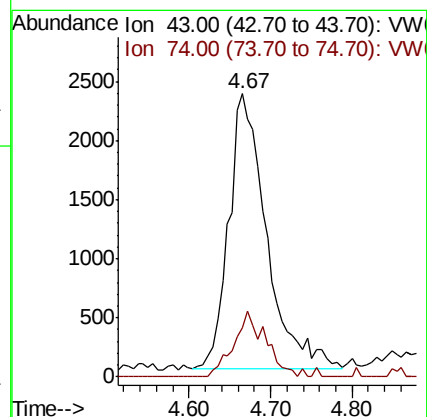
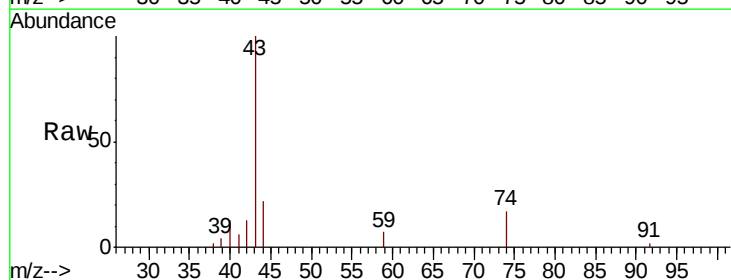
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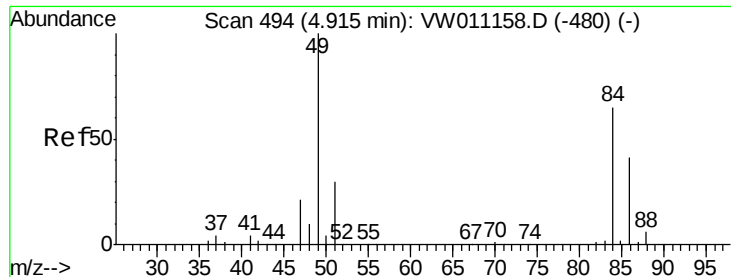
Tgt Ion: 43 Resp: 7504

Ion Ratio Lower Upper

43 100

74 20.0 15.7 23.5

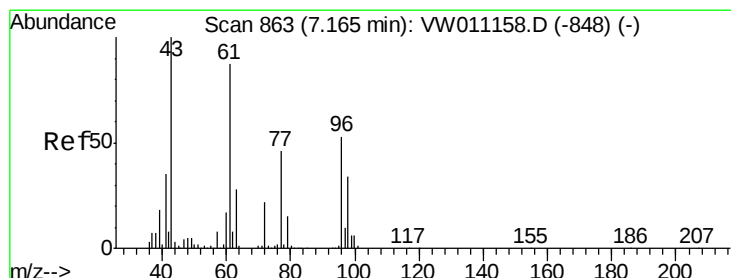
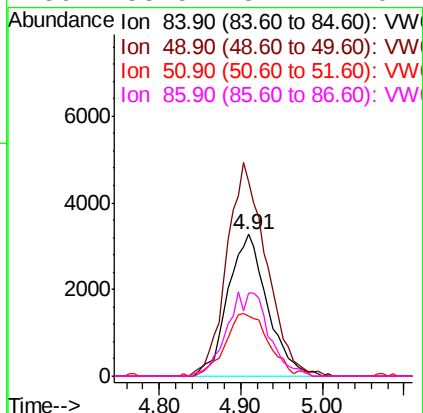
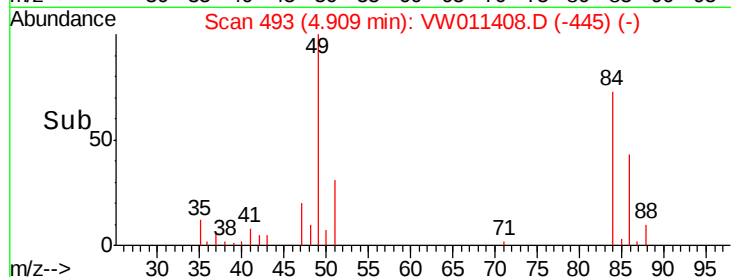
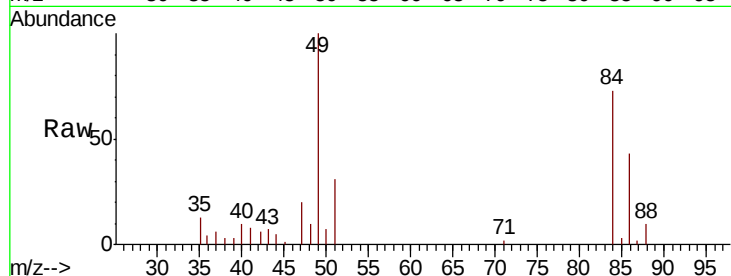




#20
Methvlene Chloride
Concen: 3.746 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011408.D
Acq: 20 Jul 2019 07:03

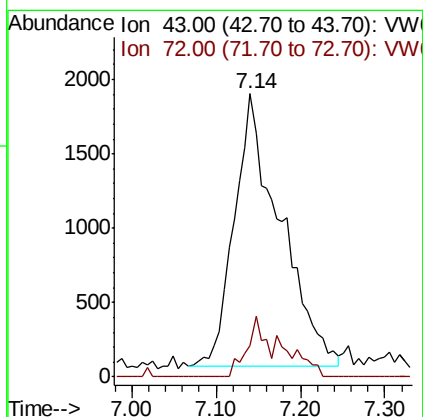
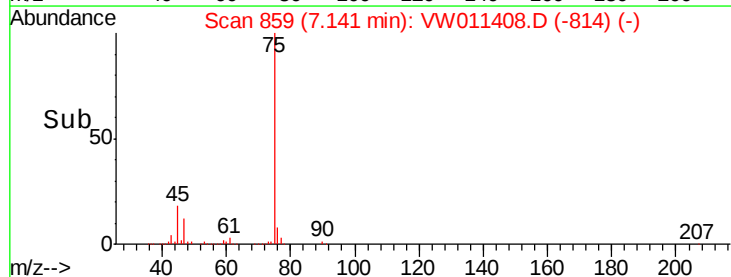
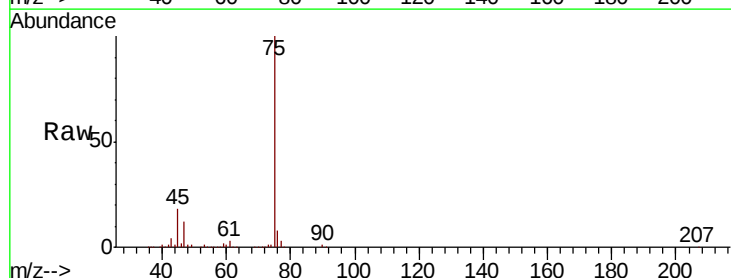
Instrument :
MSVOA_W
ClientSampleId :
HR-06-071719-C

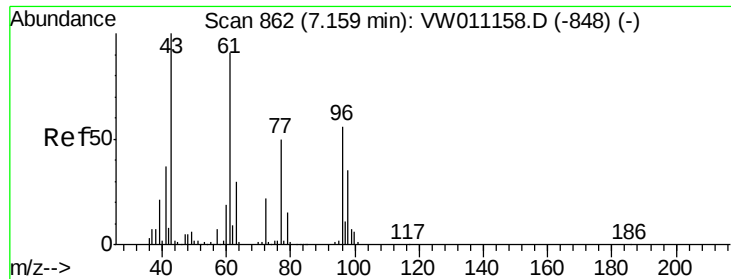
Tot Ion: 84 Resp: 11005
Ion Ratio Lower Upper
84 100
49 137.4 123.8 185.6
51 42.5 37.4 56.2
86 58.5 51.1 76.7



#25
2-Butanone
Concen: 5.802 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: VW011408.D
Acq: 20 Jul 2019 07:03

Tgt Ion: 43 Resp: 6783
Ion Ratio Lower Upper
43 100
72 11.4 17.6 26.4#

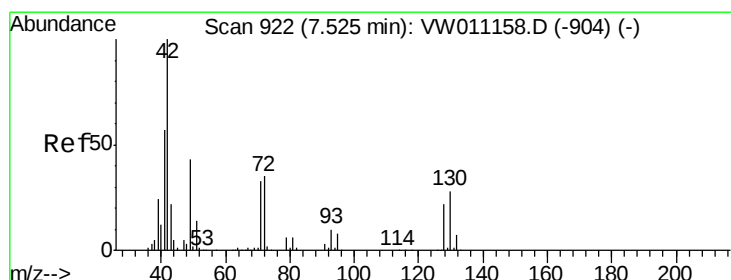
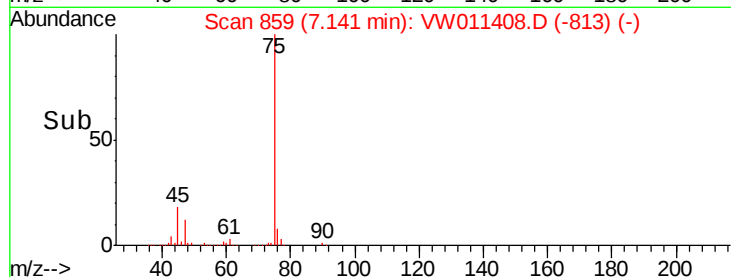
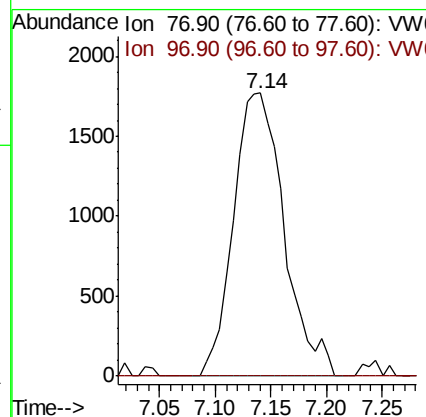
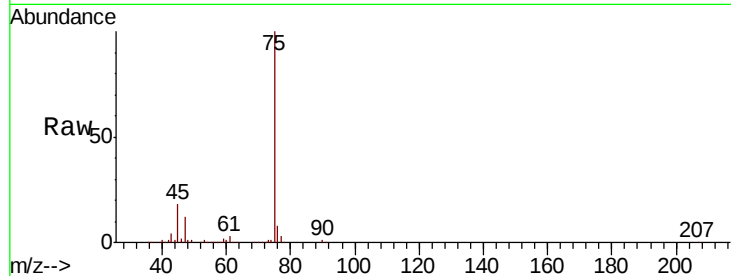




#26
 2,2-Dichloropropane
 Concen: 1.911 ug/l
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: VW011408.D
 Acq: 20 Jul 2019 07:03

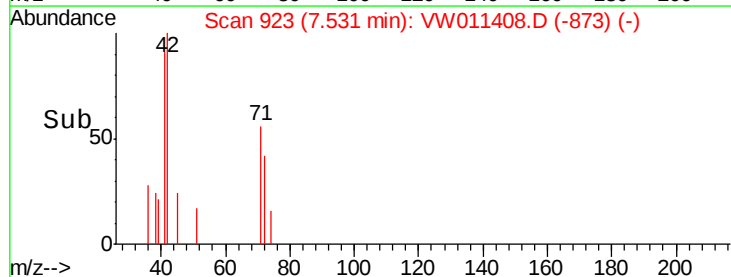
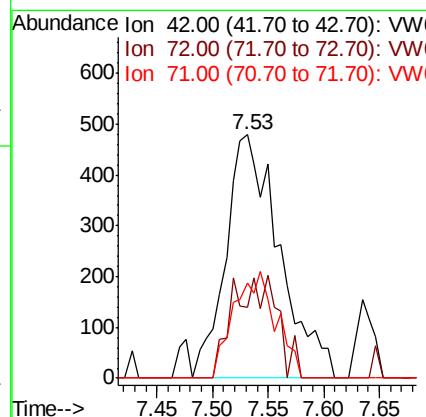
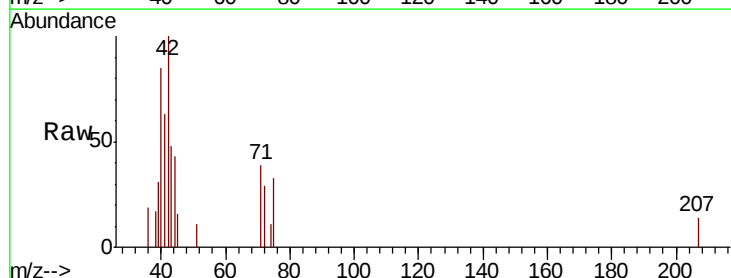
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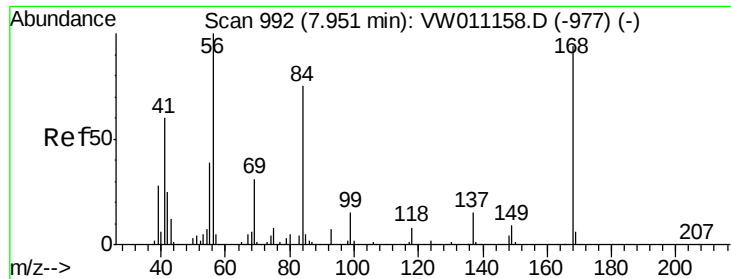
Tot Ion: 77 Resp: 5598
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.2 33.5#



#29
 Tetrahydrofuran
 Concen: 2.093 ug/l
 RT: 7.53 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VW011408.D
 Acq: 20 Jul 2019 07:03

Tgt Ion: 42 Resp: 1604
 Ion Ratio Lower Upper
 42 100
 72 14.4 27.4 41.2#
 71 0.0 25.9 38.9#

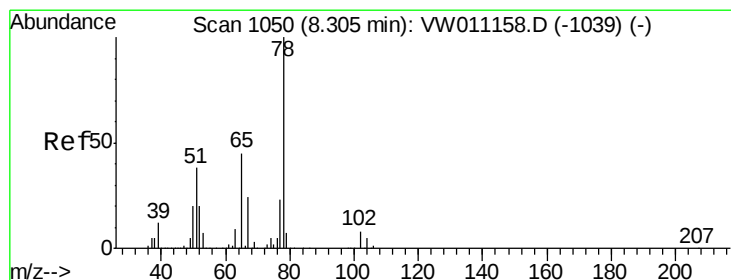
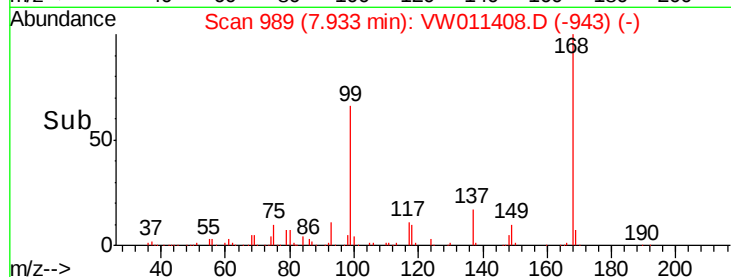
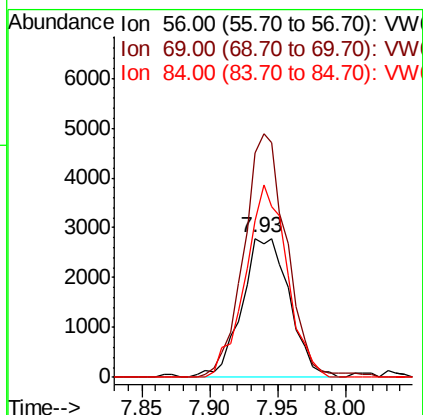
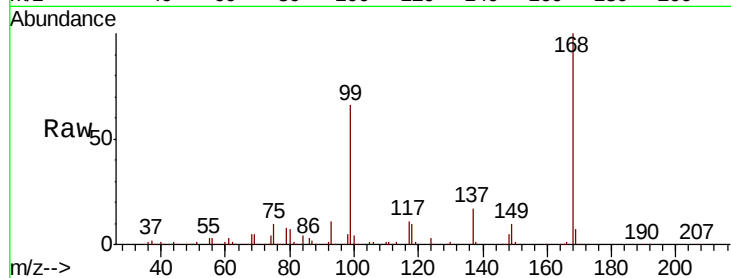




#31
Cvclohexane
Concen: 1.140 ug/l
RT: 7.93 min Scan# 989
Delta R.T. -0.02 min
Lab File: VW011408.D
Acq: 20 Jul 2019 07:03

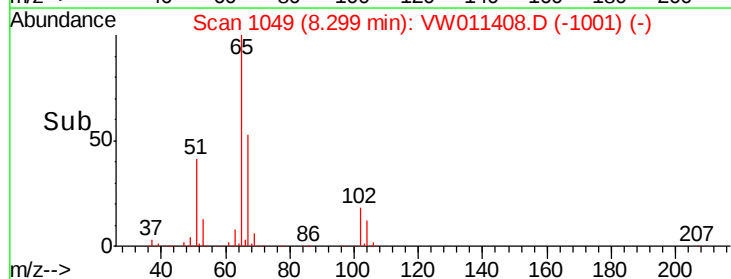
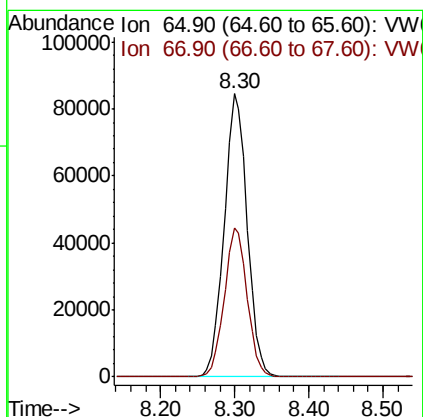
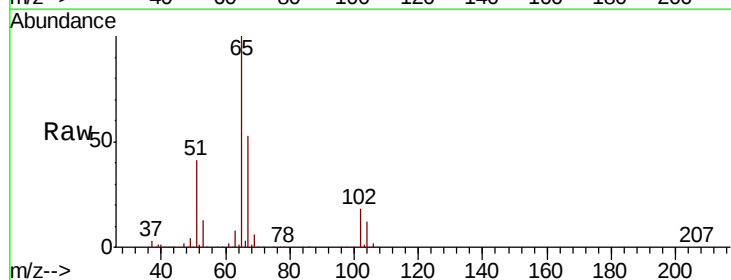
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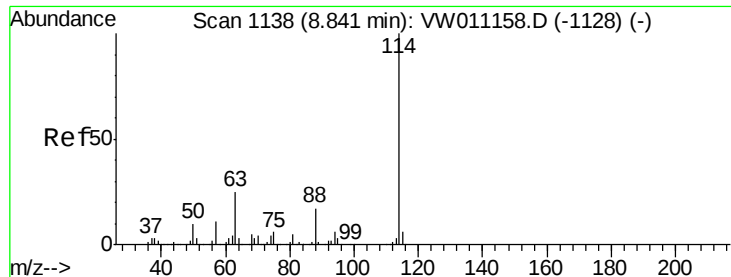
Tot Ion: 56 Resp: 6837
Ion Ratio Lower Upper
56 100
69 161.6 24.6 36.8#
84 112.4 60.1 90.1#



#33
1,2-Dichloroethane-d4
Concen: 58.922 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW011408.D
Acq: 20 Jul 2019 07:03

Tgt Ion: 65 Resp: 182372
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.4

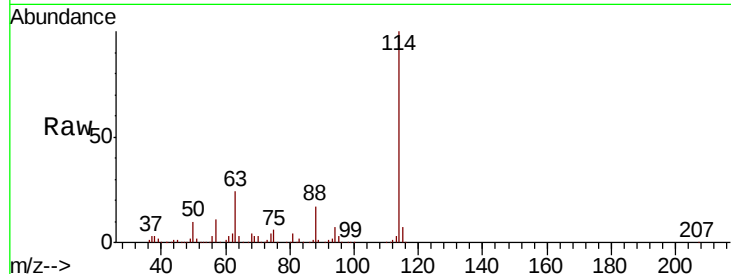




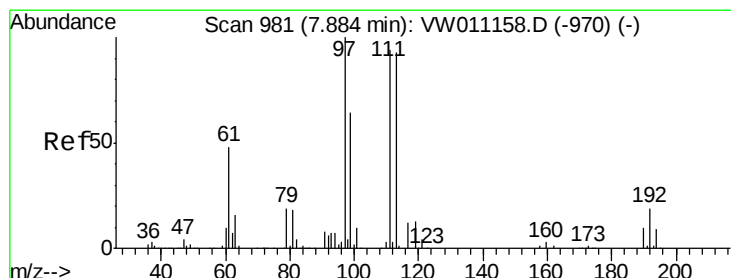
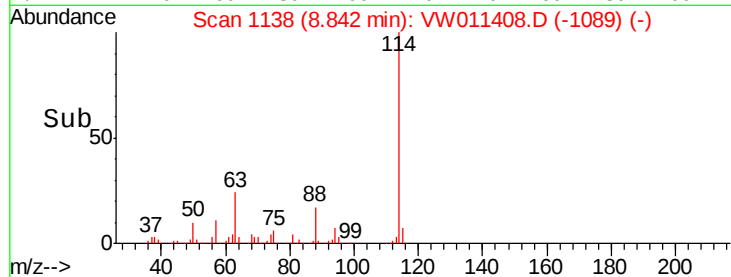
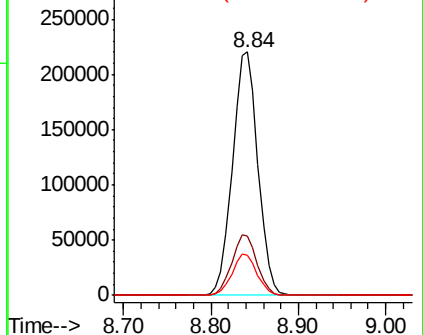
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011408.D
 Acq: 20 Jul 2019 07:03

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-071719-C

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	50.8
88	16.5	0.0	34.2

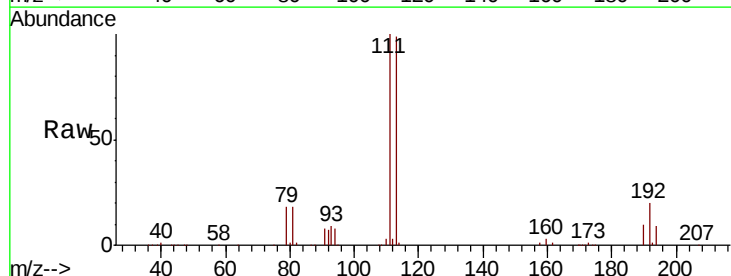


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

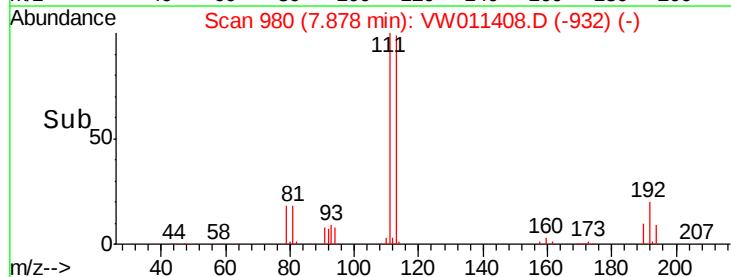
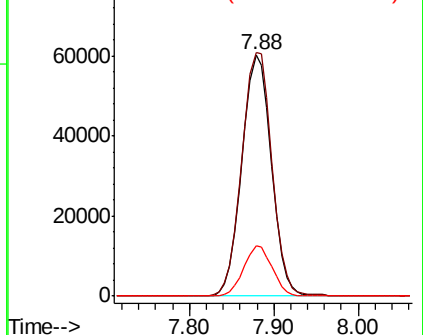


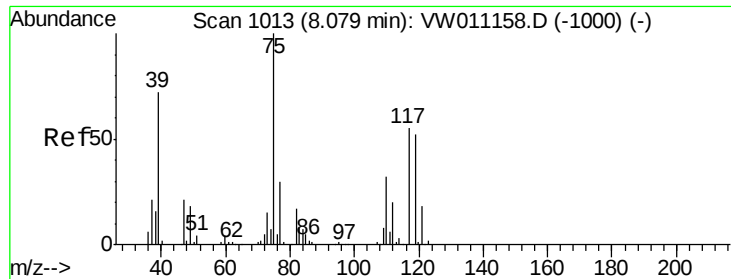
#35
 Dibromofluoromethane
 Concen: 53.700 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011408.D
 Acq: 20 Jul 2019 07:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.4	123.6
192	20.1	15.8	23.8



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

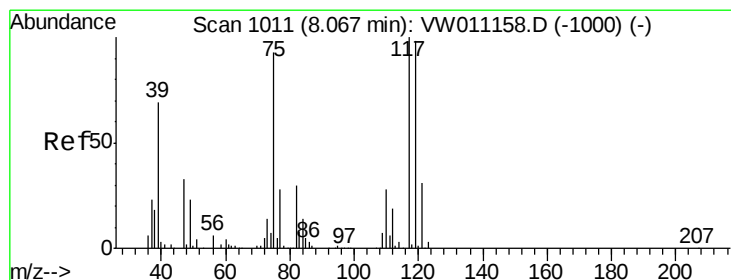
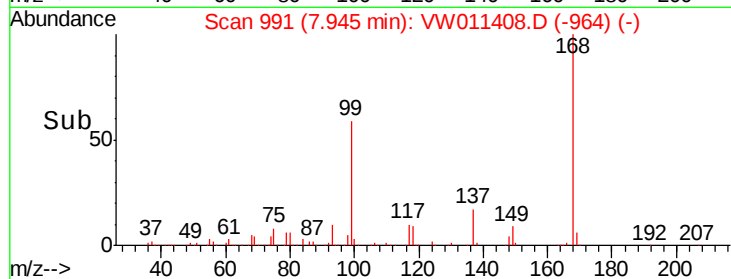
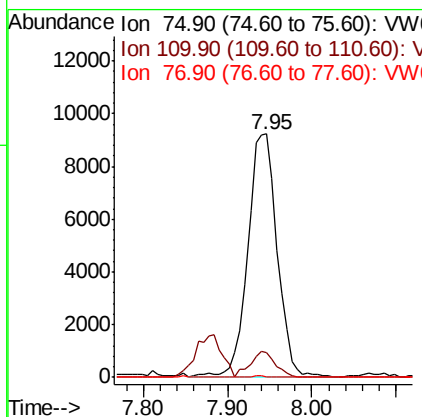
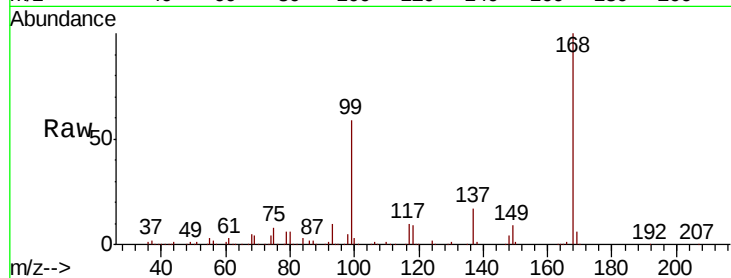




#36
 1,1-Dichloropropene
 Concen: 4.640 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011408.D
 Acq: 20 Jul 2019 07:03

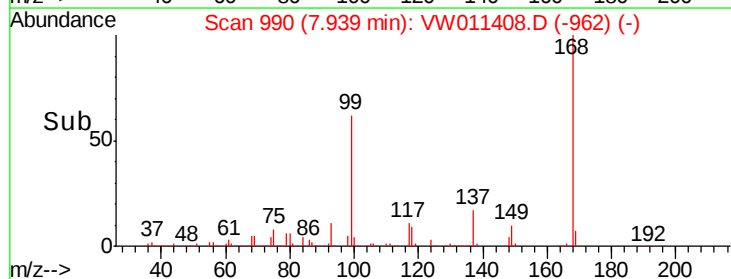
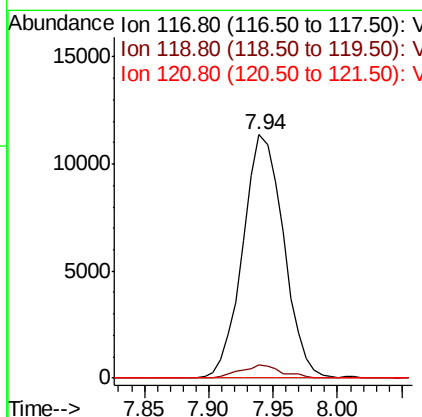
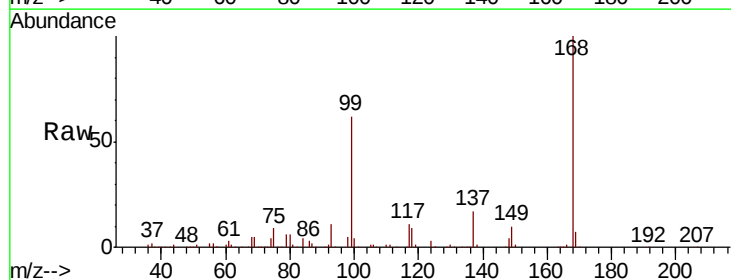
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-071719-C

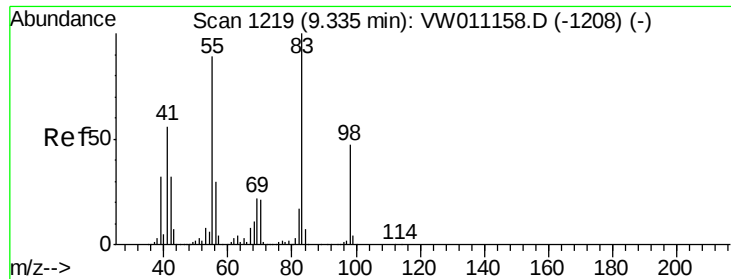
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	15.9	47.6#
77	0.3	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.224 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW011408.D
 Acq: 20 Jul 2019 07:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	78.1	117.1#
121	0.0	25.1	37.7#

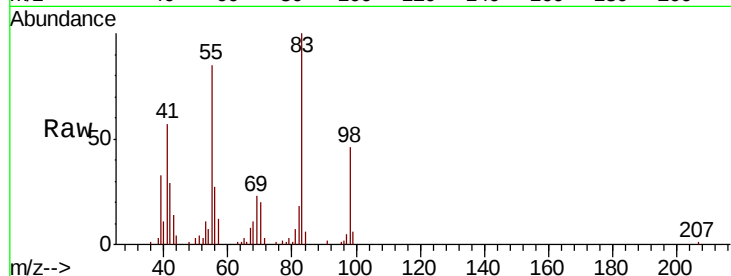




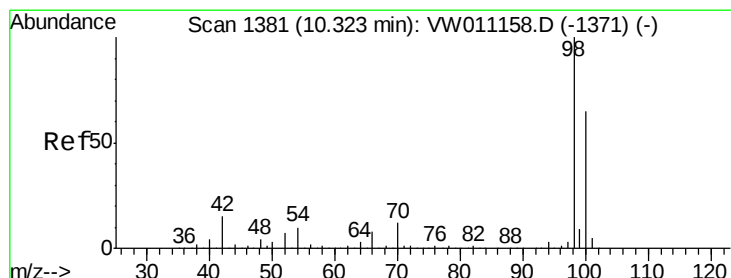
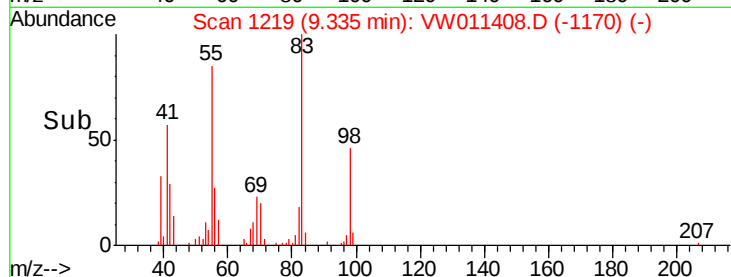
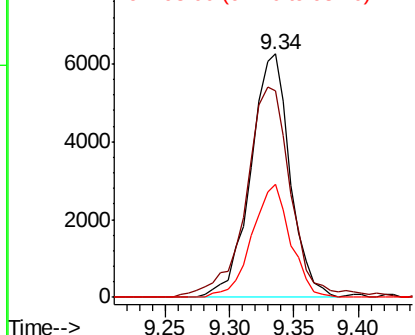
#39
Methvlcvclohexane
Concen: 2.302 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW011408.D
Acq: 20 Jul 2019 07:03

Instrument :
MSVOA_W
ClientSampleId :
HR-06-071719-C

Tot Ion: 83 Resp: 13210
Ion Ratio Lower Upper
83 100
55 83.2 71.2 106.8
98 46.5 37.5 56.3

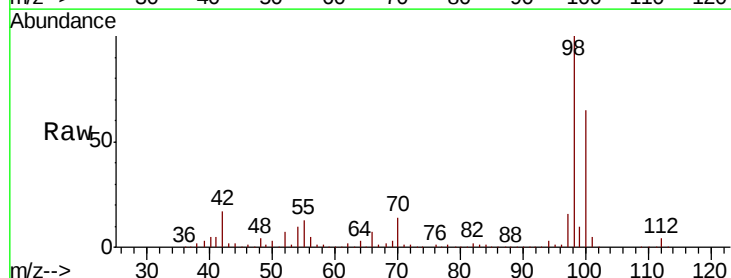


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

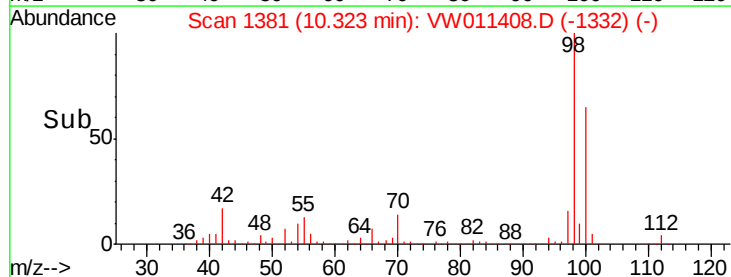
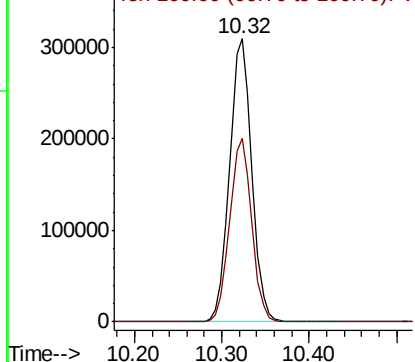


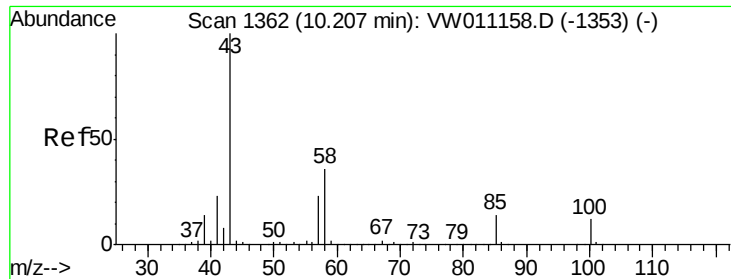
#50
Toluene-d8
Concen: 51.118 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011408.D
Acq: 20 Jul 2019 07:03

Tgt Ion: 98 Resp: 547598
Ion Ratio Lower Upper
98 100
100 64.1 52.4 78.6



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: 1.829 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW011408.D

Acq: 20 Jul 2019 07:03

Instrument :

MSVOA_W

ClientSampleId :

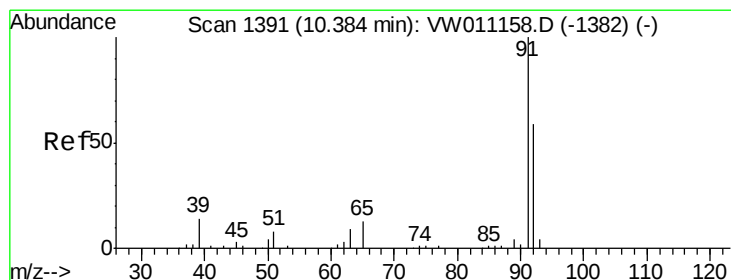
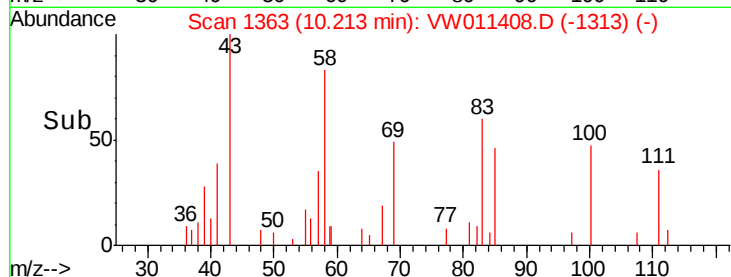
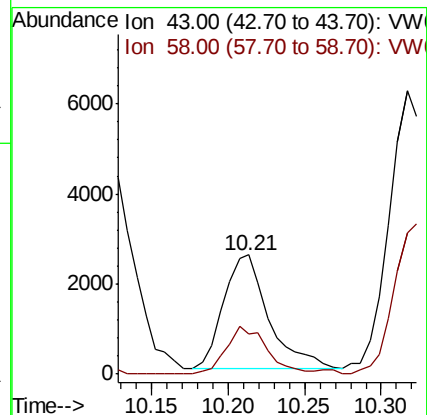
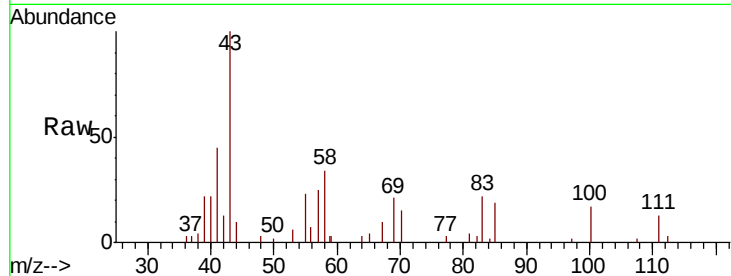
HR-06-071719-C

Tot Ion: 43 Resp: 5132

Ion Ratio Lower Upper

43 100

58 39.5 28.2 42.2



#52

Toluene

Concen: 11.354 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011408.D

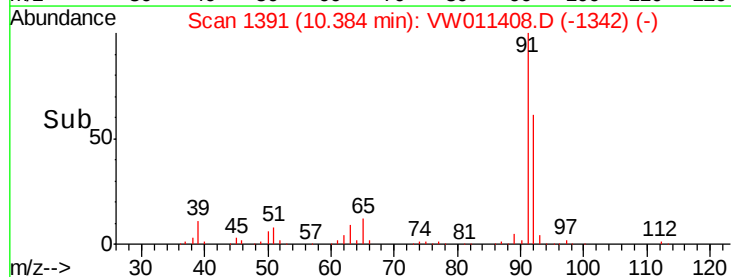
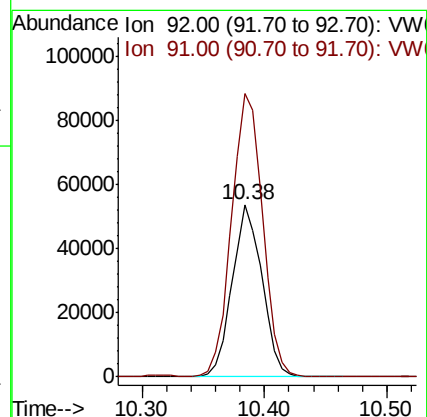
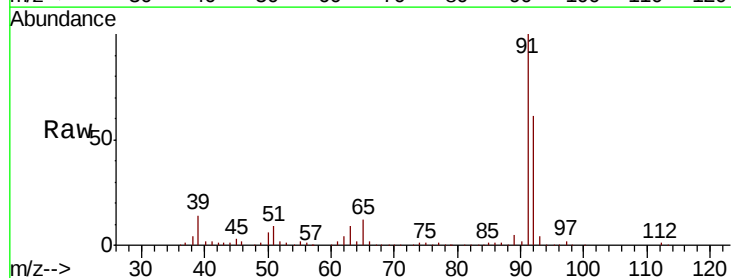
Acq: 20 Jul 2019 07:03

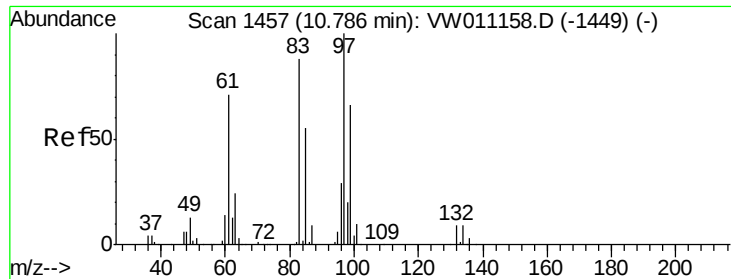
Tgt Ion: 92 Resp: 90126

Ion Ratio Lower Upper

92 100

91 171.9 136.6 205.0

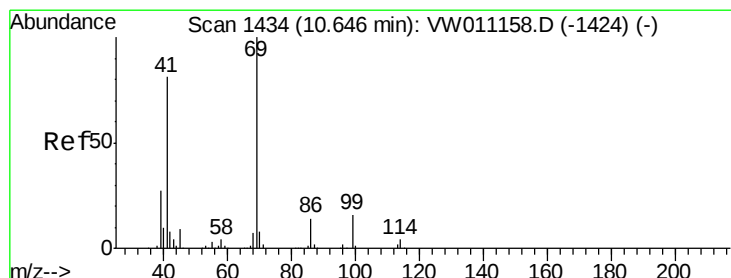
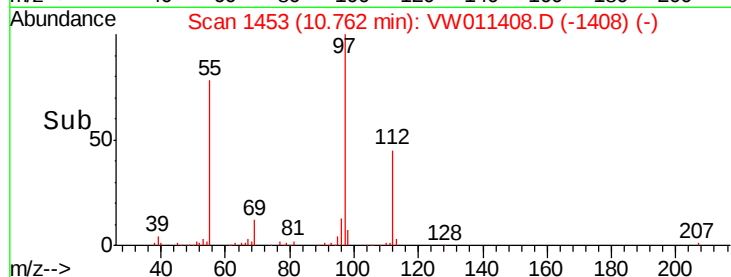
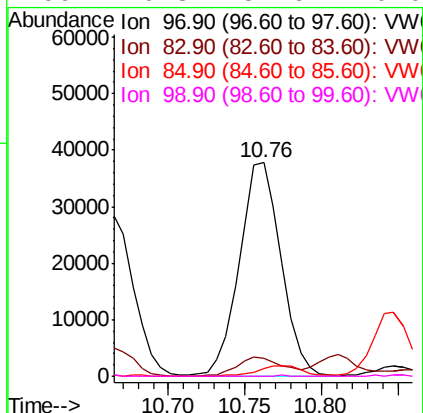
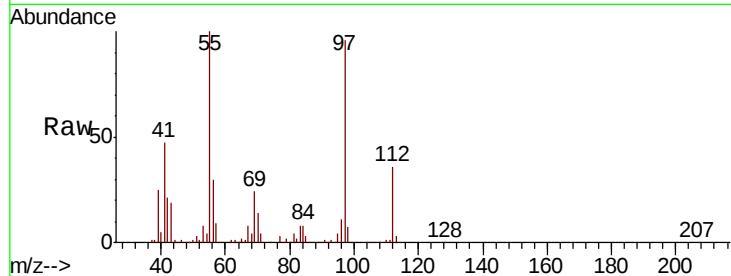




#55
 1,1,2-Trichloroethane
 Concen: 30.140 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW011408.D
 Acq: 20 Jul 2019 07:03

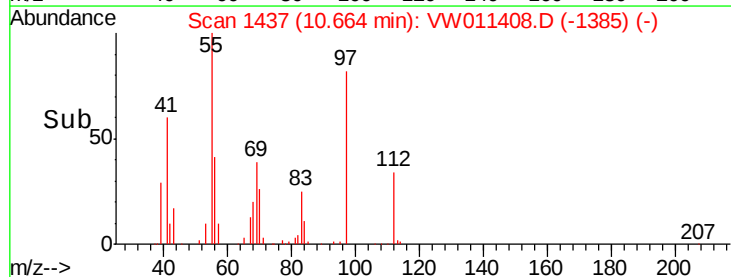
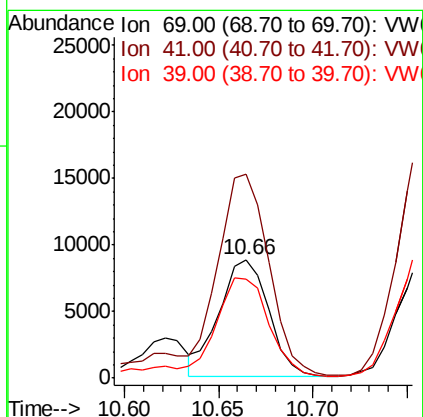
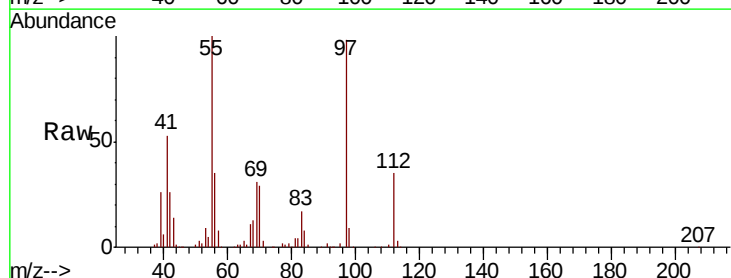
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-071719-C

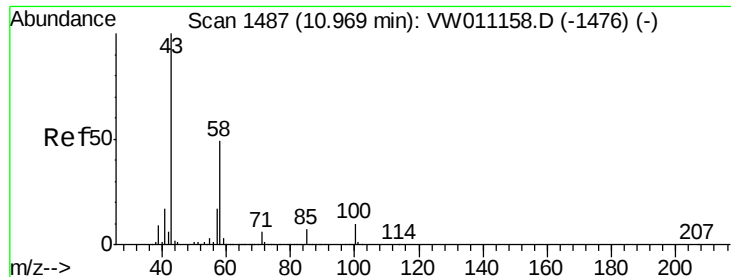
Tot Ion: 97 Resp: 71173
 Ion Ratio Lower Upper
 97 100
 83 8.3 70.2 105.4#
 85 3.6 44.2 66.2#
 99 0.3 52.6 79.0#



#56
 Ethyl methacrylate
 Concen: 4.489 ug/l
 RT: 10.66 min Scan# 1437
 Delta R.T. 0.02 min
 Lab File: VW011408.D
 Acq: 20 Jul 2019 07:03

Tgt Ion: 69 Resp: 16140
 Ion Ratio Lower Upper
 69 100
 41 201.7 66.5 99.7#
 39 99.5 32.5 48.7#





#59

2-Hexanone

Concen: 59.304 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW011408.D

Acq: 20 Jul 2019 07:03

Instrument :

MSVOA_W

ClientSampleId :

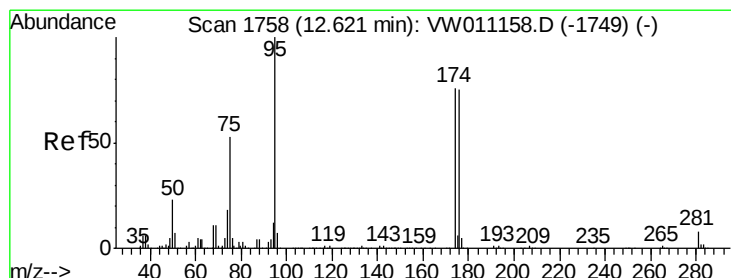
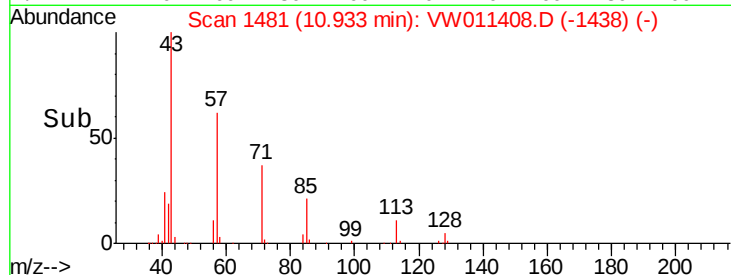
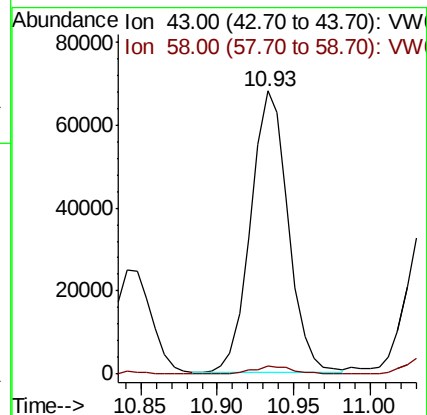
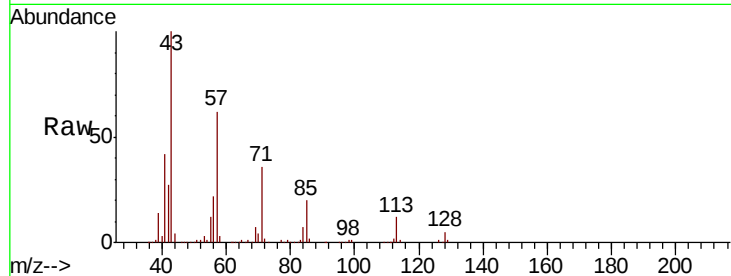
HR-06-071719-C

Tot Ion: 43 Resp: 115389

Ion Ratio Lower Upper

43 100

58 3.4 24.4 73.4#



#62

4-Bromofluorobenzene

Concen: 54.413 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011408.D

Acq: 20 Jul 2019 07:03

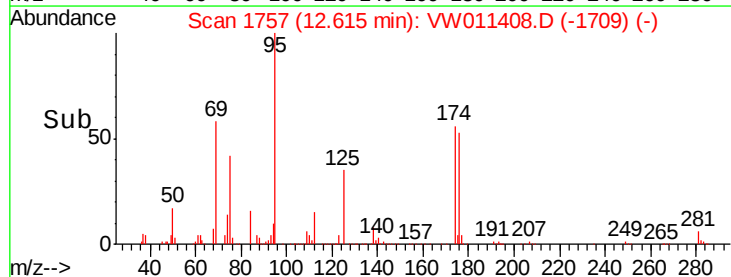
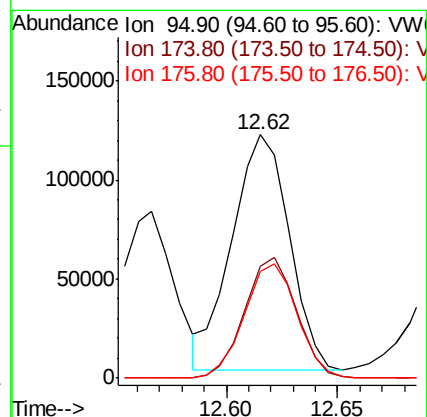
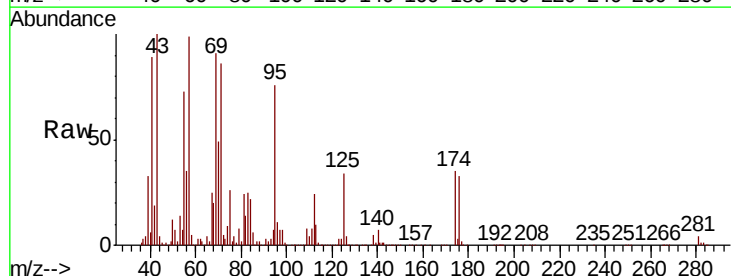
Tgt Ion: 95 Resp: 213652

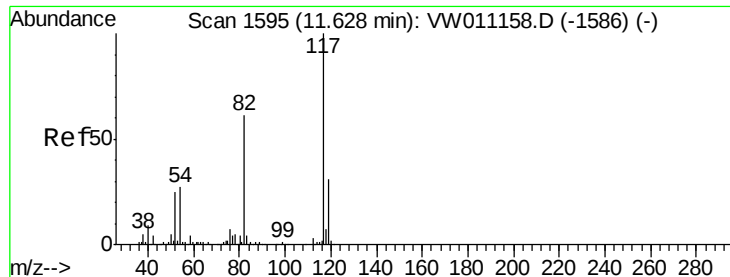
Ion Ratio Lower Upper

95 100

174 46.5 0.0 147.6

176 44.7 0.0 144.6

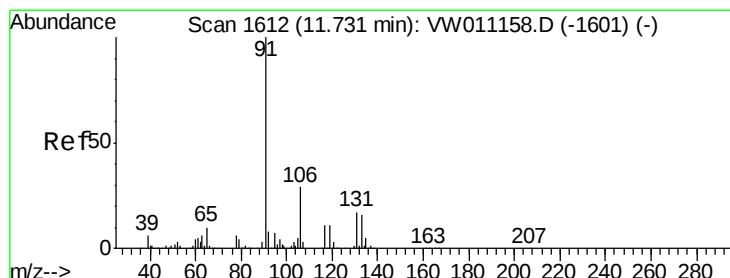
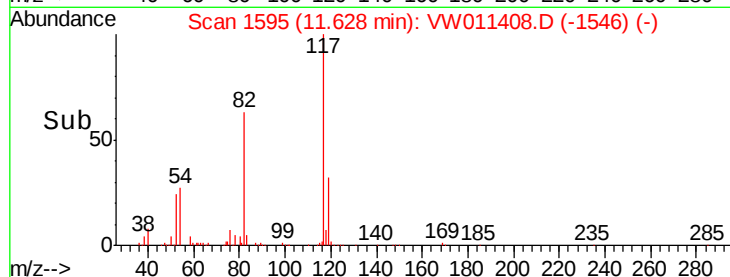
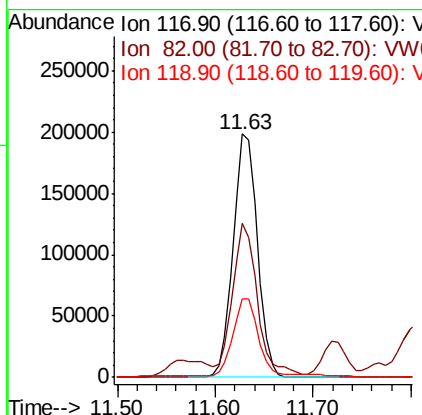
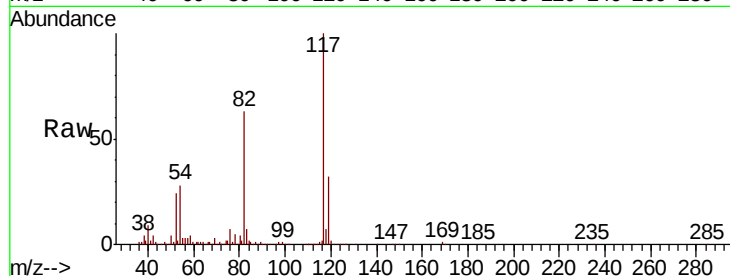




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011408.D
Acq: 20 Jul 2019 07:03

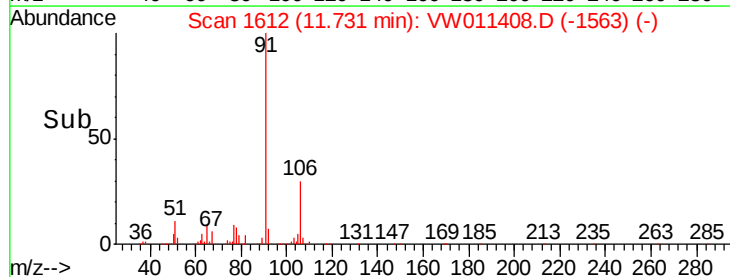
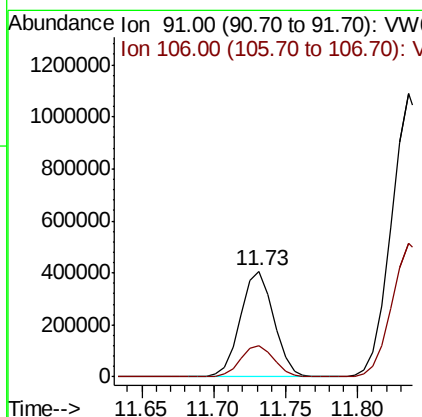
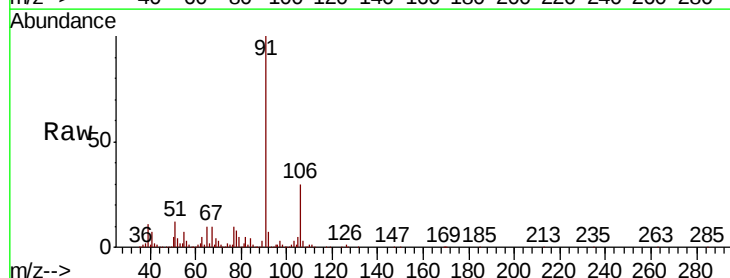
Instrument :
MSVOA_W
ClientSampleId :
HR-06-071719-C

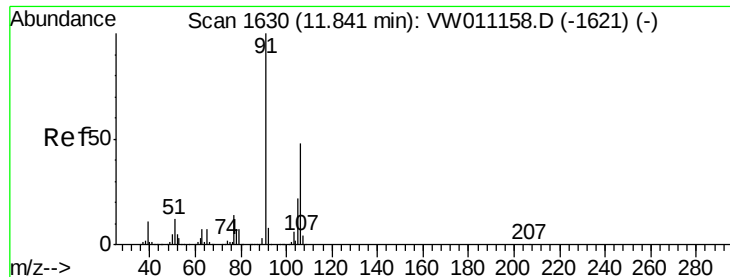
Tot Ion:117 Resp: 340855
Ion Ratio Lower Upper
117 100
82 56.5 48.9 73.3
119 31.3 25.0 37.6



#67
Ethyl Benzene
Concen: 49.252 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011408.D
Acq: 20 Jul 2019 07:03

Tgt Ion: 91 Resp: 653396
Ion Ratio Lower Upper
91 100
106 29.9 23.5 35.3

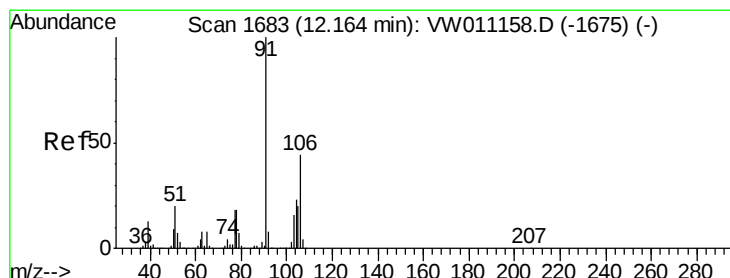
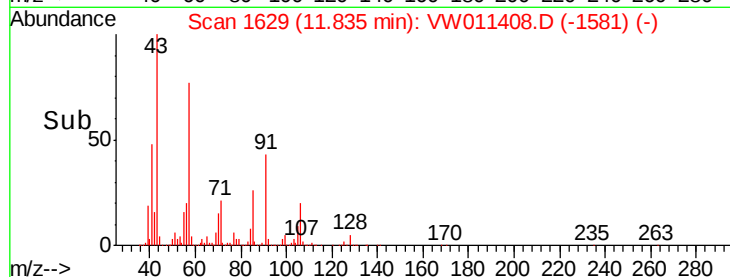
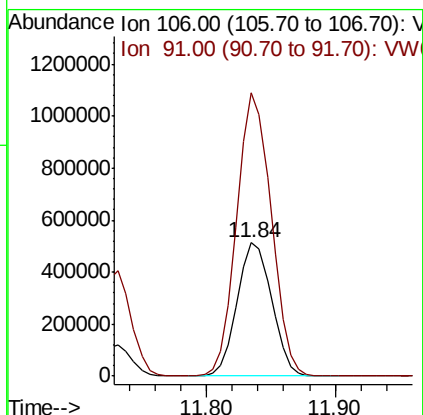
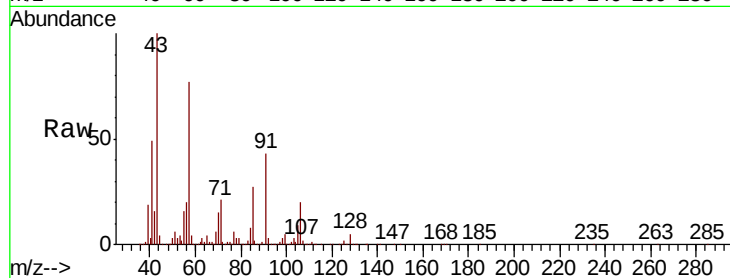




#68
m/p-Xylenes
Concen: 199.520 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW011408.D
Acq: 20 Jul 2019 07:03

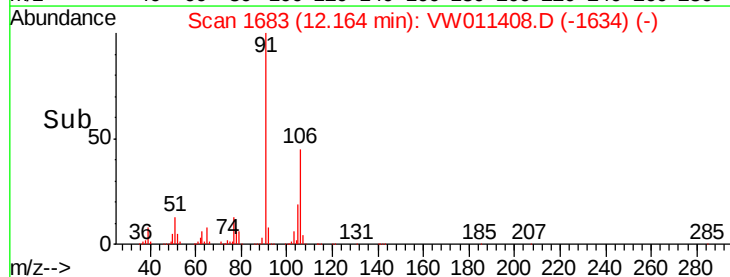
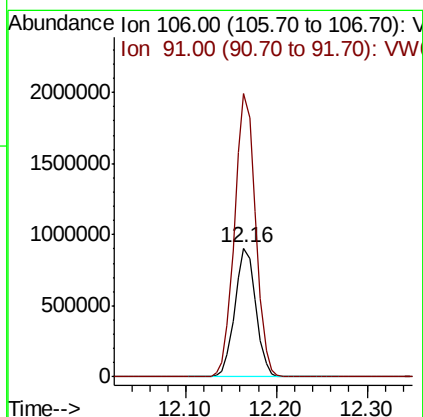
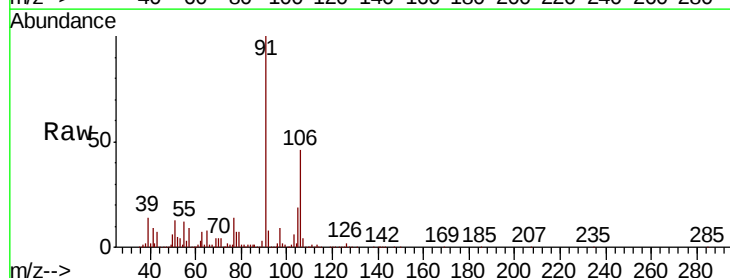
Instrument :
MSVOA_W
ClientSampleId :
HR-06-071719-C

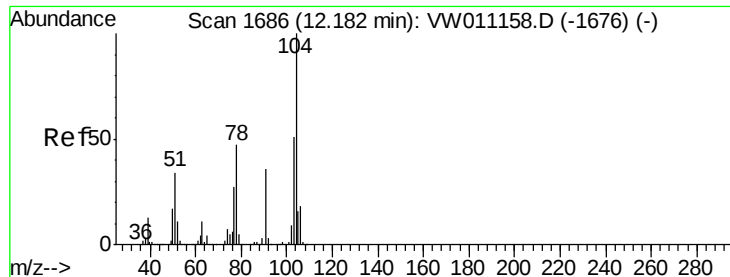
Tot Ion:106 Resp: 957765
Ion Ratio Lower Upper
106 100
91 211.2 167.7 251.5



#69
o-Xylene
Concen: 318.671 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011408.D
Acq: 20 Jul 2019 07:03

Tgt Ion:106 Resp: 1441801
Ion Ratio Lower Upper
106 100
91 222.2 110.7 332.1





#70

Stvrene

Concen: 9.437 ug/l

RT: 12.16 min Scan# 1683

Delta R.T. -0.02 min

Lab File: VW011408.D

Acq: 20 Jul 2019 07:03

Instrument :

MSVOA_W

ClientSampleId :

HR-06-071719-C

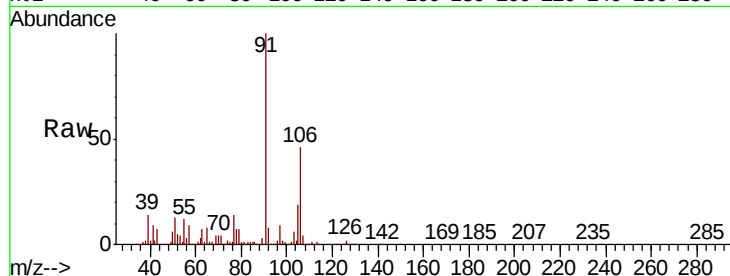
Tot Ion:104 Resp: 73691

Ion Ratio Lower Upper

104 100

78 328.0 43.1 64.7#

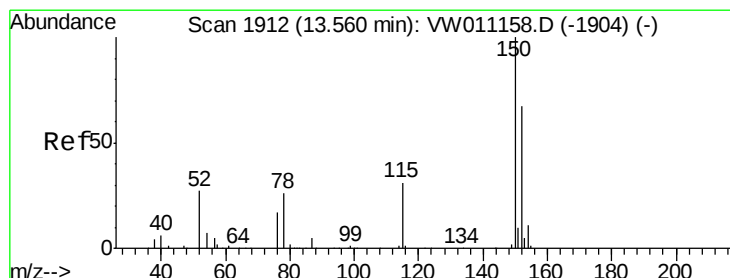
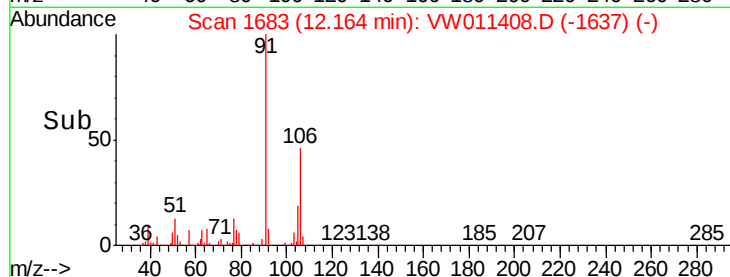
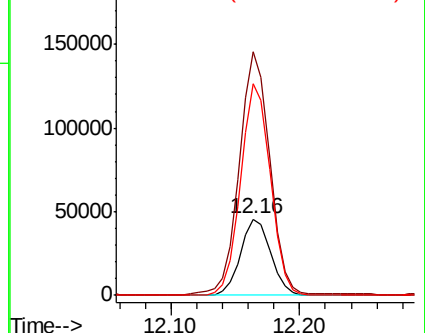
103 273.1 44.1 66.1#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011408.D

Acq: 20 Jul 2019 07:03

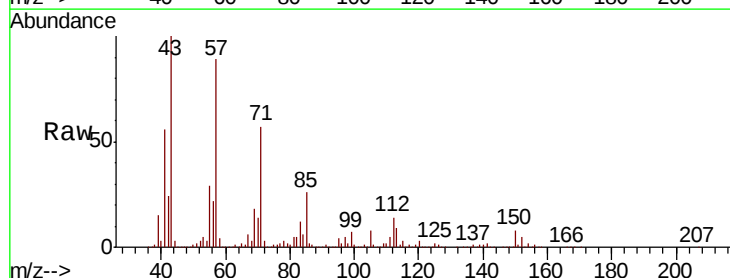
Tgt Ion:152 Resp: 106488

Ion Ratio Lower Upper

152 100

115 0.0 30.1 90.3#

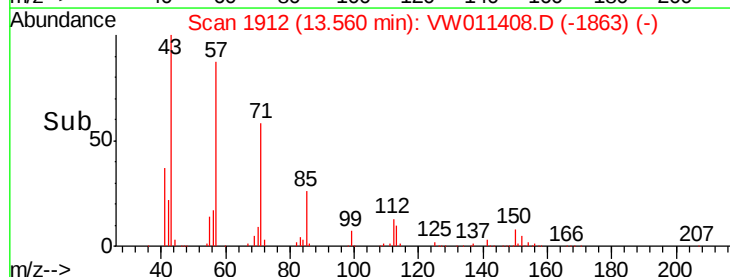
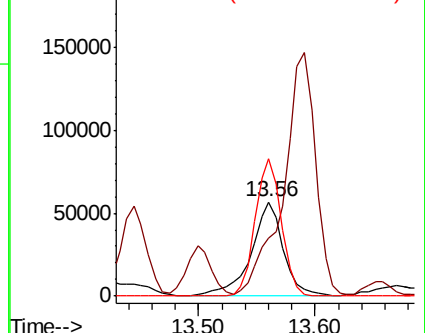
150 121.6 0.0 346.0

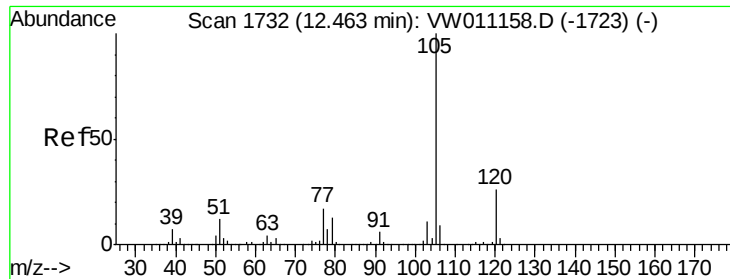


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 39.502 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW011408.D

Acq: 20 Jul 2019 07:03

Instrument :

MSVOA_W

ClientSampleId :

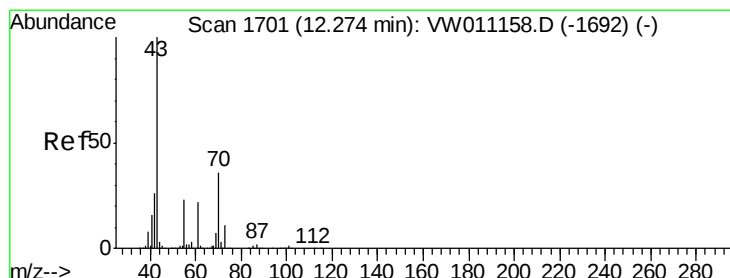
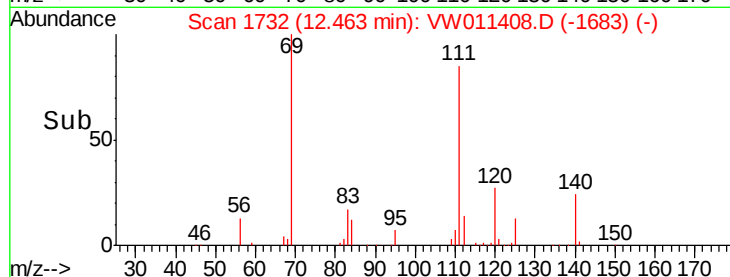
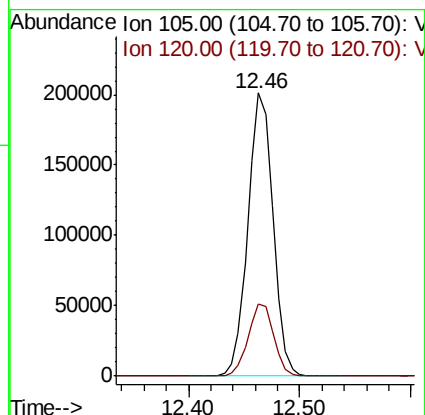
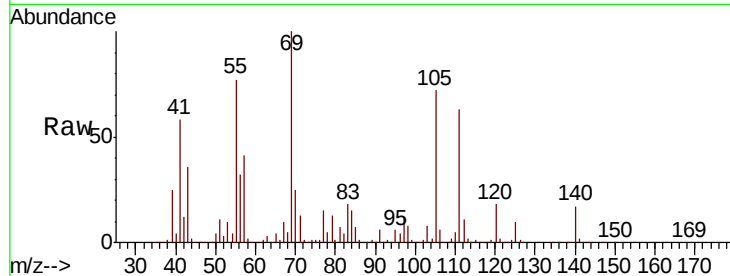
HR-06-071719-C

Tot Ion:105 Resp: 314450

Ion Ratio Lower Upper

105 100

120 25.9 12.8 38.3



#74

N-ethyl acetate

Concen: 391.215 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW011408.D

Acq: 20 Jul 2019 07:03

Tgt Ion: 43 Resp: 1084604

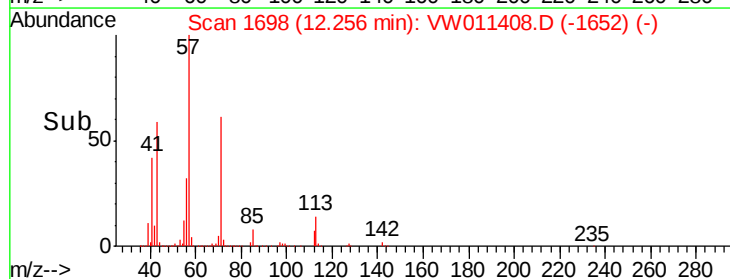
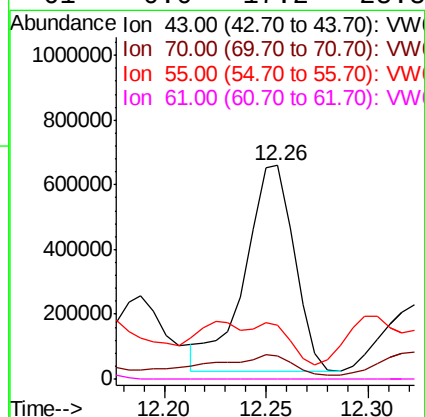
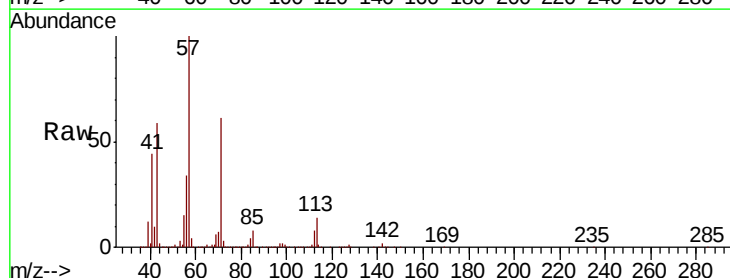
Ion Ratio Lower Upper

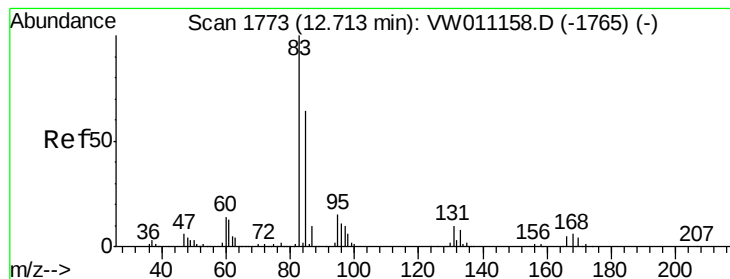
43 100

70 15.8 28.5 42.7#

55 0.0 18.1 27.1#

61 0.0 17.2 25.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 11.689 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.03 min

Lab File: VW011408.D

Acq: 20 Jul 2019 07:03

Instrument :

MSVOA_W

ClientSampleId :

HR-06-071719-C

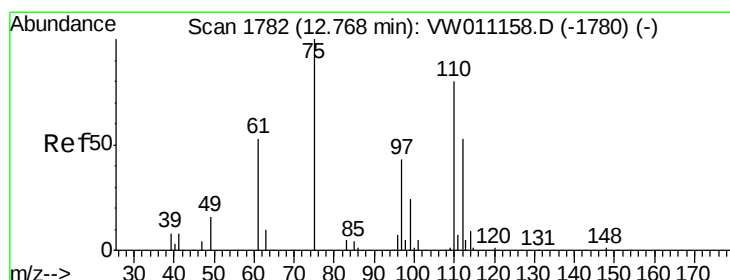
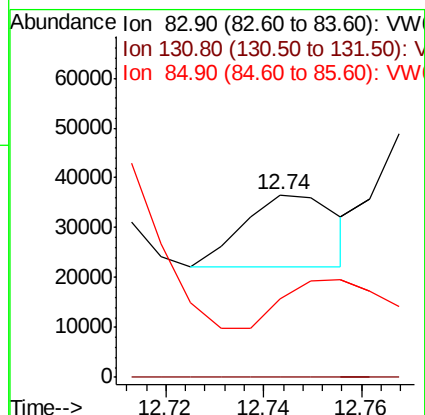
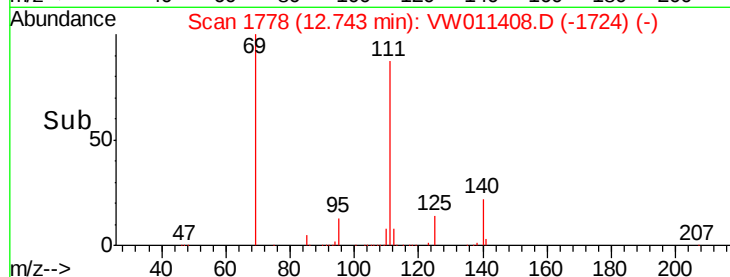
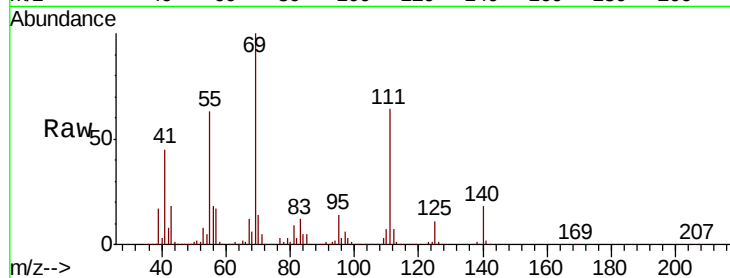
Tot Ion: 83 Resp: 19074

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 0.0 31.6 94.8#



#76

1,2,3-Trichloropropane

Concen: 7.605 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.04 min

Lab File: VW011408.D

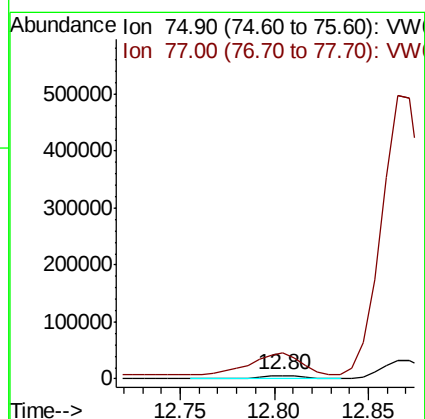
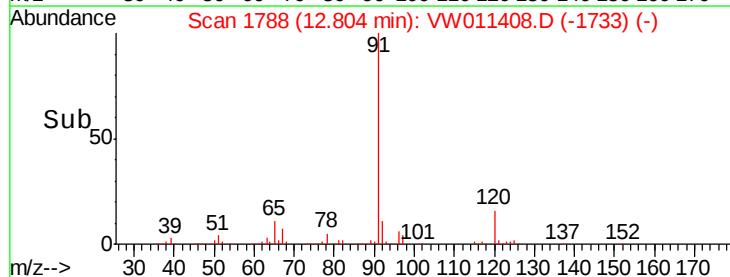
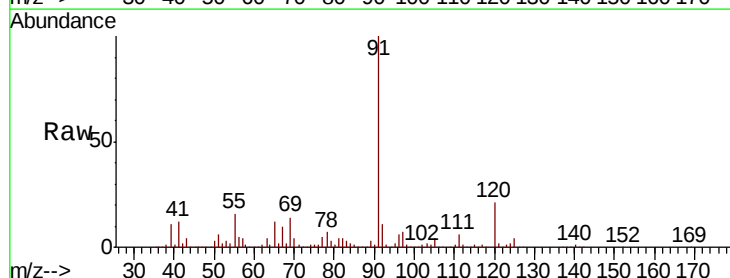
Acq: 20 Jul 2019 07:03

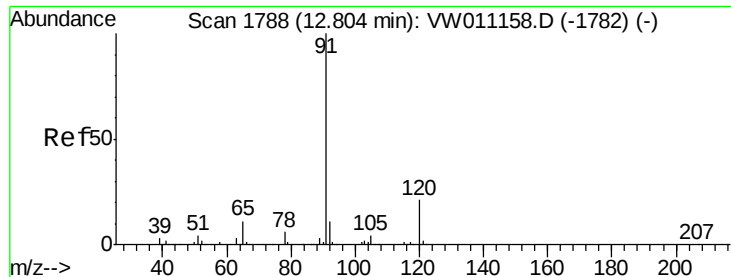
Tgt Ion: 75 Resp: 9359

Ion Ratio Lower Upper

75 100

77 751.8 0.0 0.0#





#78

n-propylbenzene

Concen: 146.765 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW011408.D

Acq: 20 Jul 2019 07:03

Instrument :

MSVOA_W

ClientSampleId :

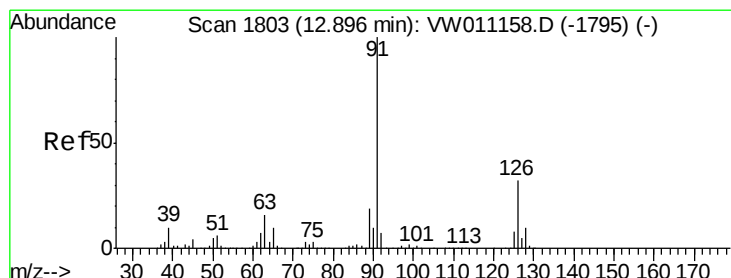
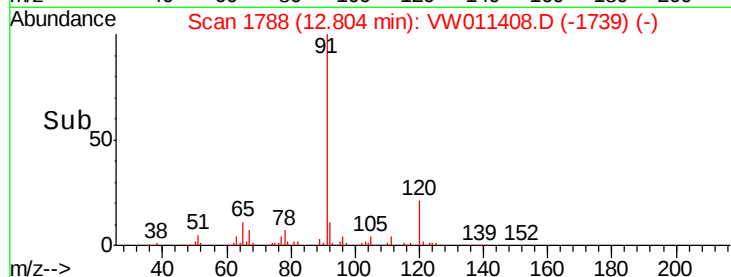
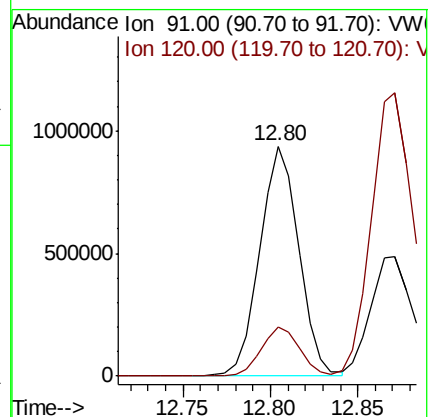
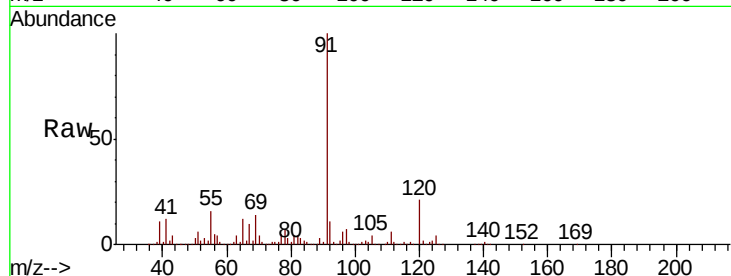
HR-06-071719-C

Tot Ion: 91 Resp: 1439186

Ion Ratio Lower Upper

91 100

120 21.3 10.8 32.3



#79

2-Chlorotoluene

Concen: 61.014 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW011408.D

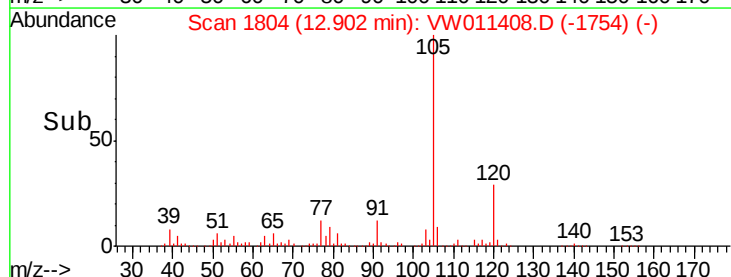
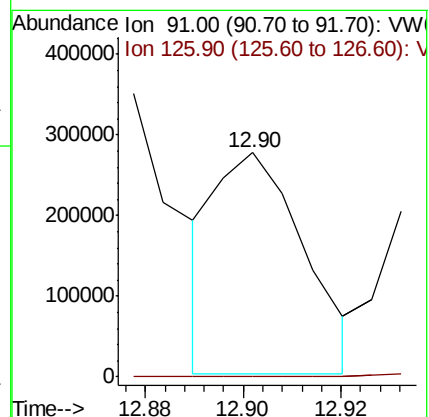
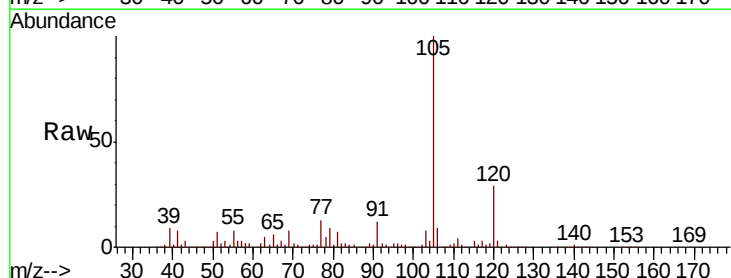
Acq: 20 Jul 2019 07:03

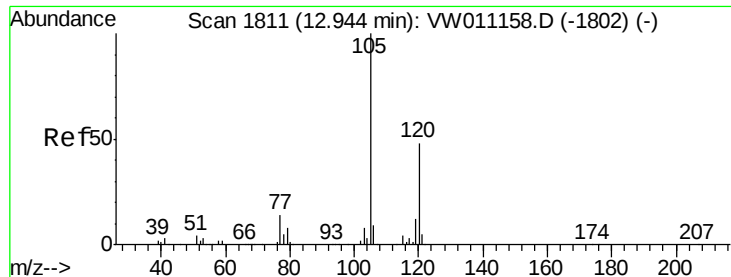
Tgt Ion: 91 Resp: 344297

Ion Ratio Lower Upper

91 100

126 0.0 15.8 47.3#





#80

1,3,5-Trimethylbenzene

Concen: 871.962 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW011408.D

Acq: 20 Jul 2019 07:03

Instrument :

MSVOA_W

ClientSampleId :

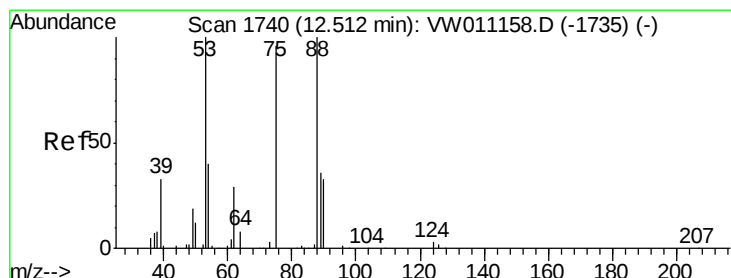
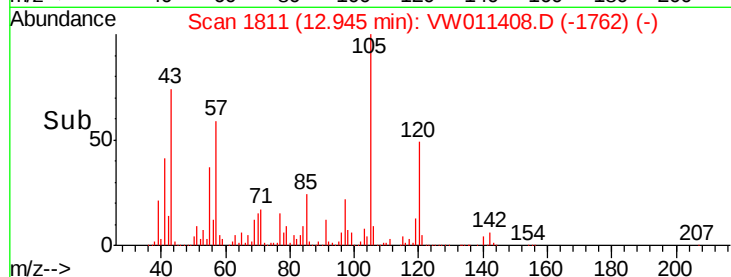
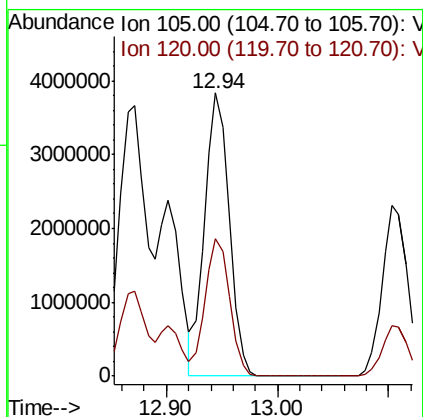
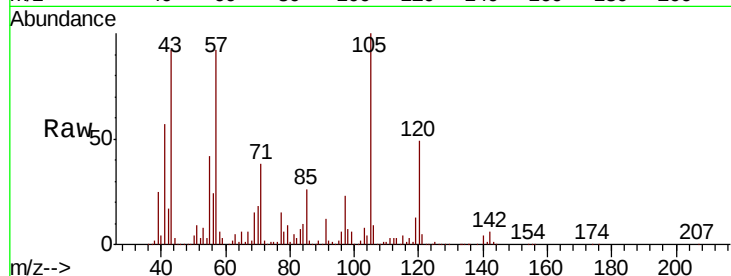
HR-06-071719-C

Tot Ion:105 Resp: 5896870

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.2



#81

trans-1,4-Dichloro-2-butene

Concen: 7.354 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.05 min

Lab File: VW011408.D

Acq: 20 Jul 2019 07:03

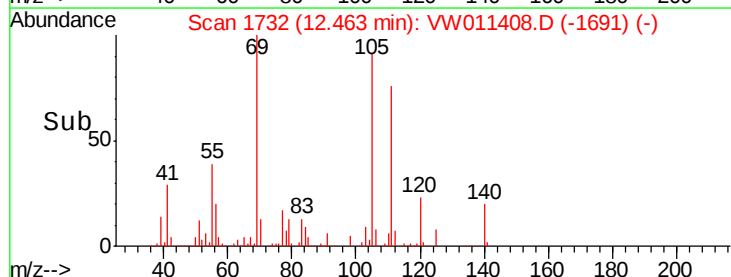
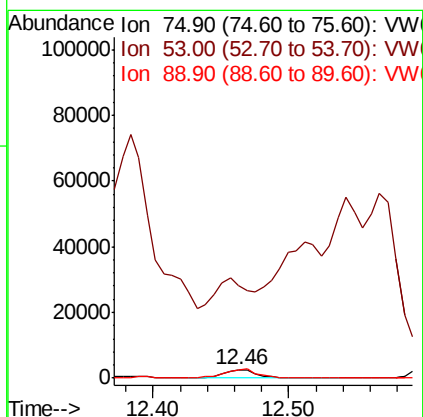
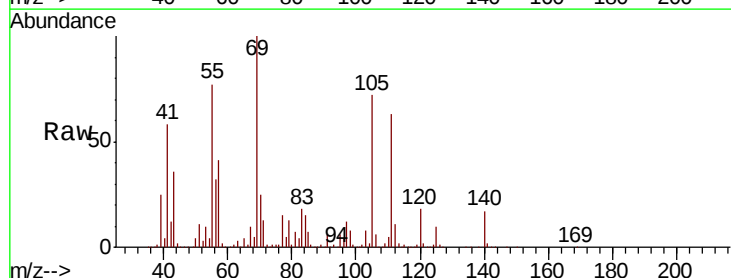
Tgt Ion: 75 Resp: 4001

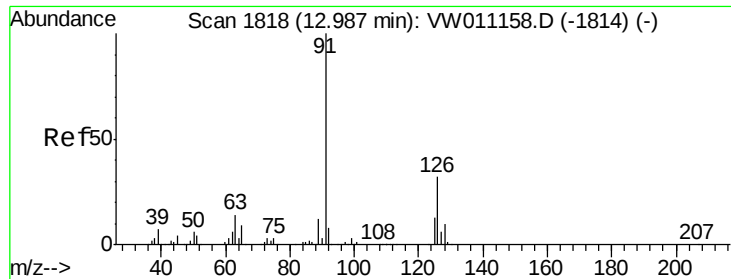
Ion Ratio Lower Upper

75 100

53 292.5 89.8 134.6#

89 111.7 34.3 51.5#

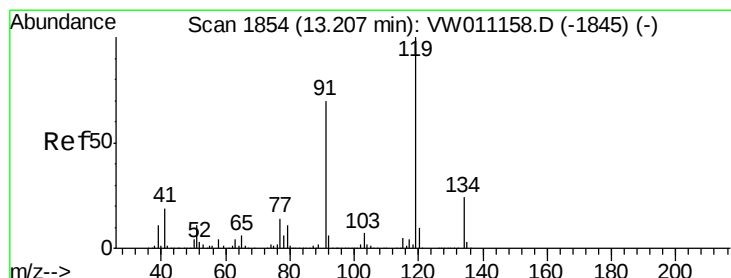
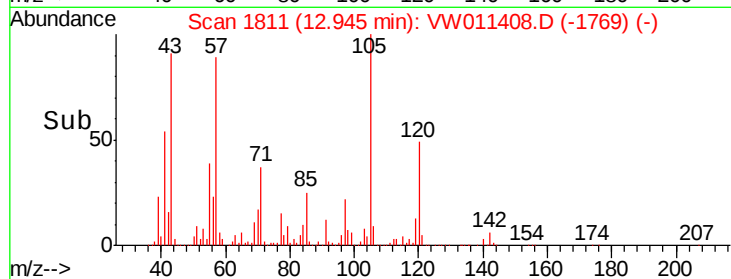
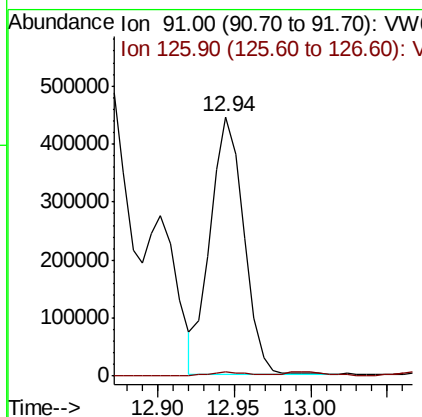
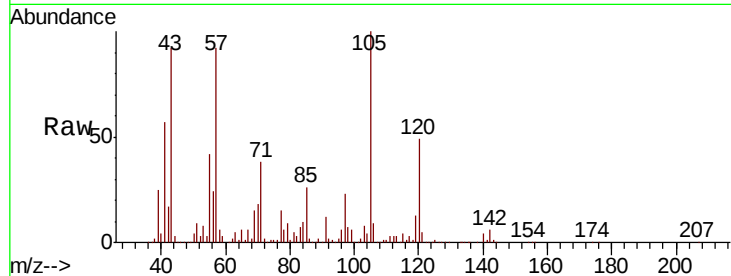




#82
4-Chlorotoluene
Concen: 114.310 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.04 min
Lab File: VW011408.D
Acq: 20 Jul 2019 07:03

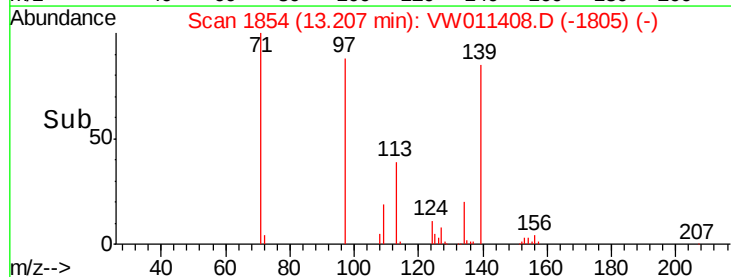
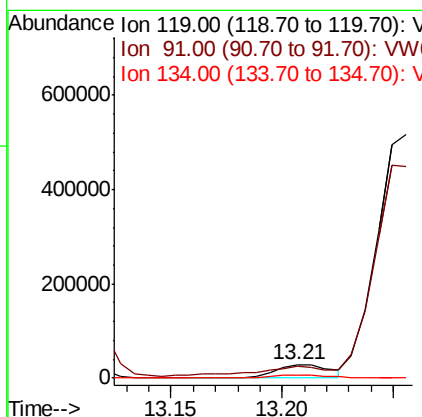
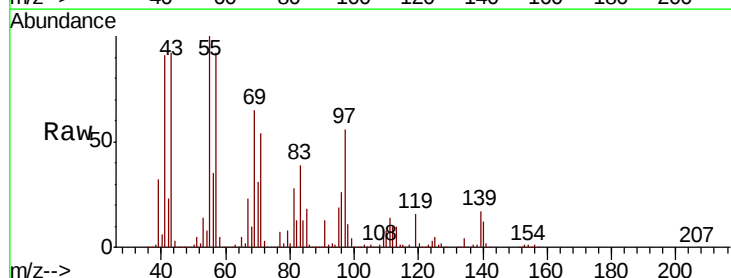
Instrument :
MSVOA_W
ClientSampleId :
HR-06-071719-C

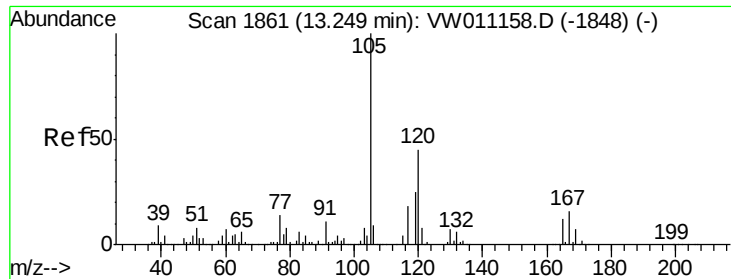
Tot Ion: 91 Resp: 671848
Ion Ratio Lower Upper
91 100
126 2.0 15.7 47.1#



#83
tert-Butylbenzene
Concen: 8.560 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW011408.D
Acq: 20 Jul 2019 07:03

Tgt Ion: 119 Resp: 48277
Ion Ratio Lower Upper
119 100
91 82.2 35.4 106.3
134 24.2 13.4 40.2

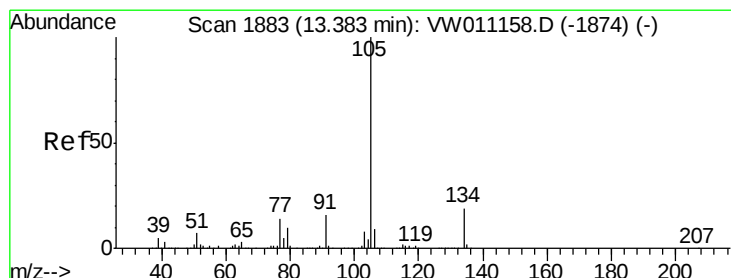
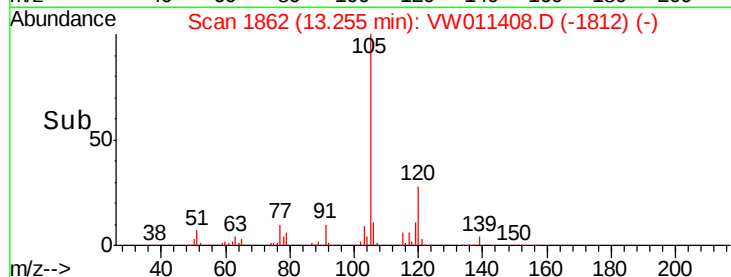
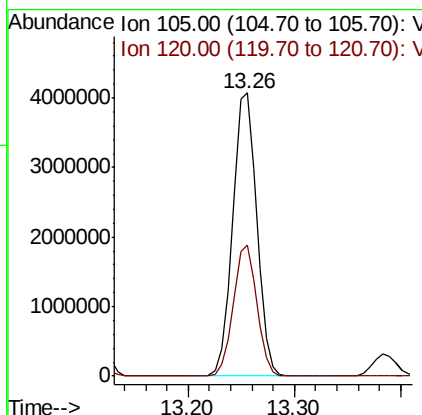
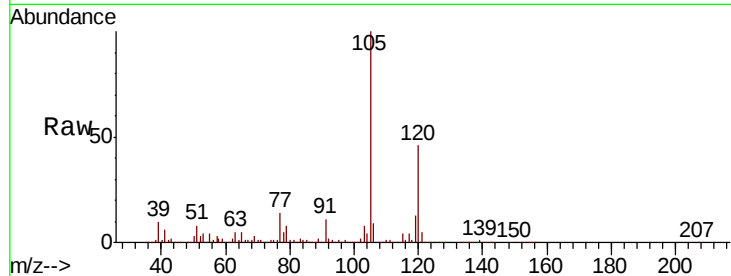




#84
 1,2,4-Trimethylbenzene
 Concen: 953.254 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VW011408.D
 Acq: 20 Jul 2019 07:03

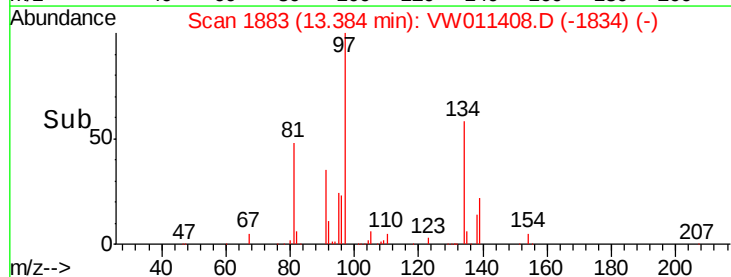
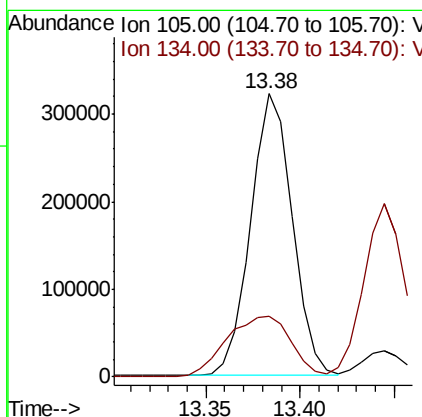
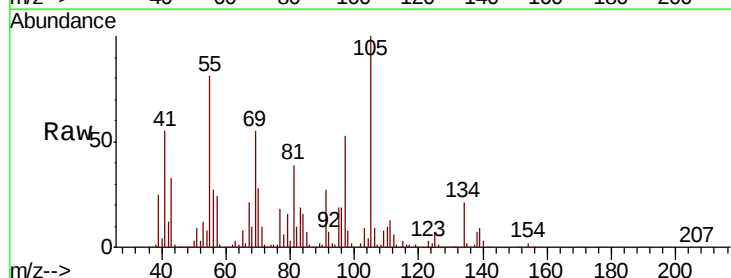
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-071719-C

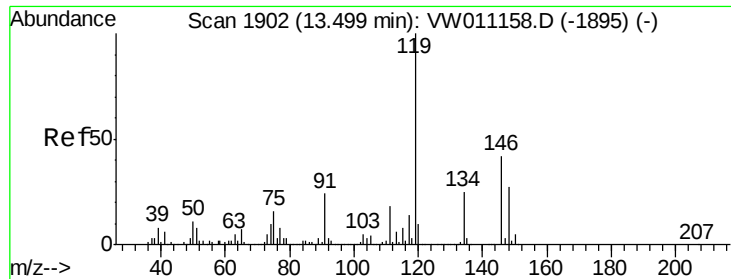
Tot Ion:105 Resp: 6473158
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.3 66.9



#85
 sec-Butylbenzene
 Concen: 60.678 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW011408.D
 Acq: 20 Jul 2019 07:03

Tgt Ion:105 Resp: 493816
 Ion Ratio Lower Upper
 105 100
 134 33.3 9.7 28.9#

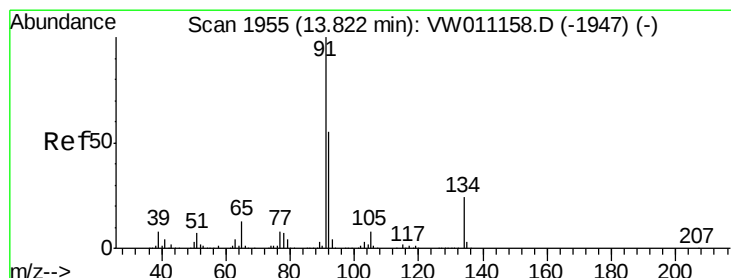
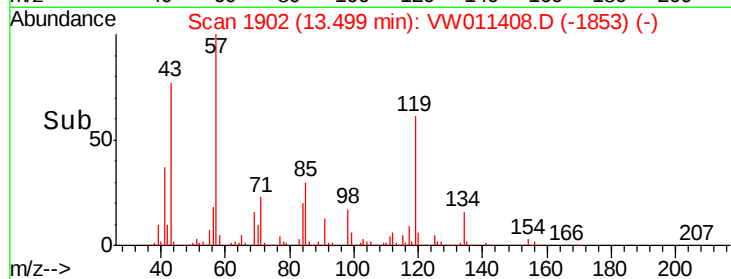
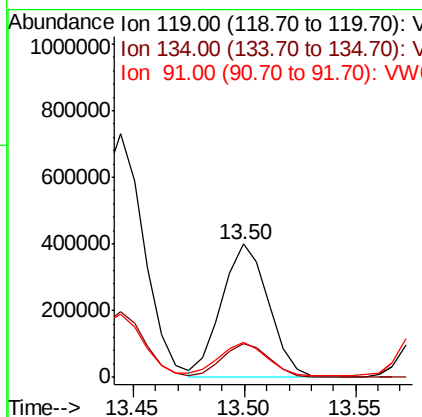
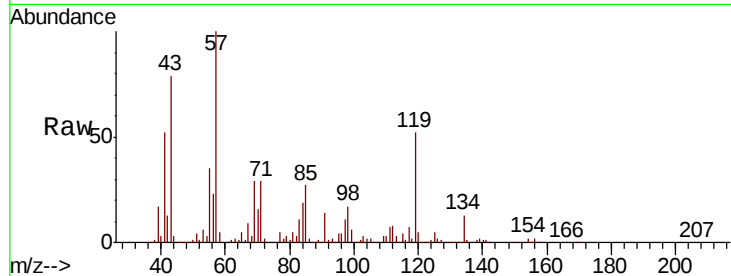




#86
p-Isopropyltoluene
Concen: 80.415 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. 0.00 min
Lab File: VW011408.D
Acq: 20 Jul 2019 07:03

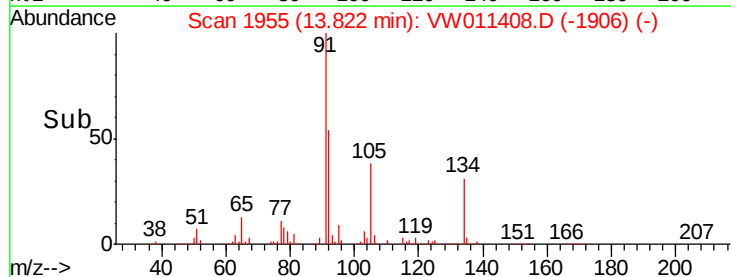
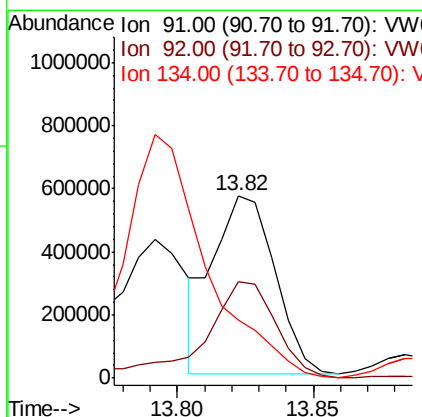
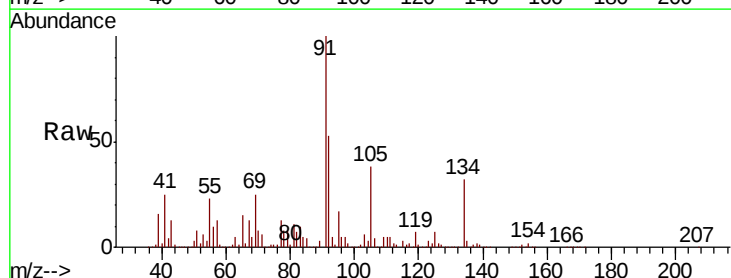
Instrument :
MSVOA_W
ClientSampleId :
HR-06-071719-C

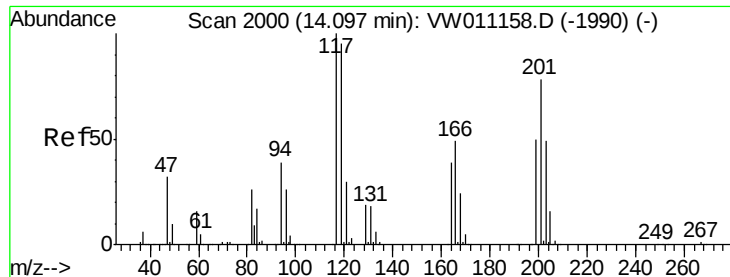
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.9	38.6
91	24.5	12.3	36.8



#89
n-Butylbenzene
Concen: 122.178 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW011408.D
Acq: 20 Jul 2019 07:03

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.8	26.9	80.7
134	0.0	12.2	36.4





#90

Hexachloroethane

Concen: 173.753 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW011408.D

Acq: 20 Jul 2019 07:03

Instrument :

MSVOA_W

ClientSampleId :

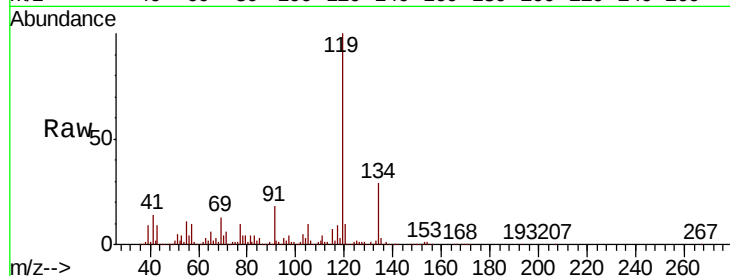
HR-06-071719-C

Tot Ion:117 Resp: 231764

Ion Ratio Lower Upper

117 100

201 0.0 38.3 114.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

250000

200000

150000

100000

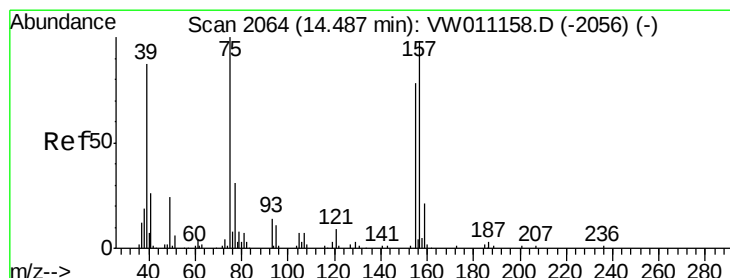
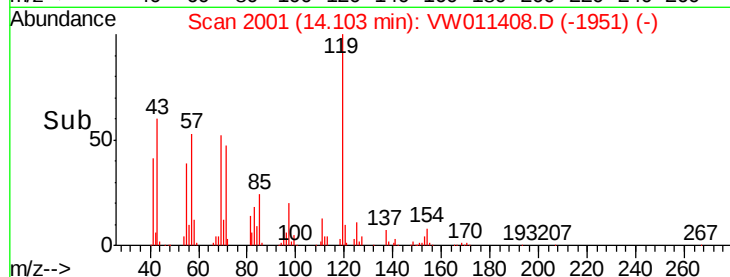
50000

0

14.05

14.10

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.133 ug/l

RT: 14.51 min Scan# 2067

Delta R.T. 0.02 min

Lab File: VW011408.D

Acq: 20 Jul 2019 07:03

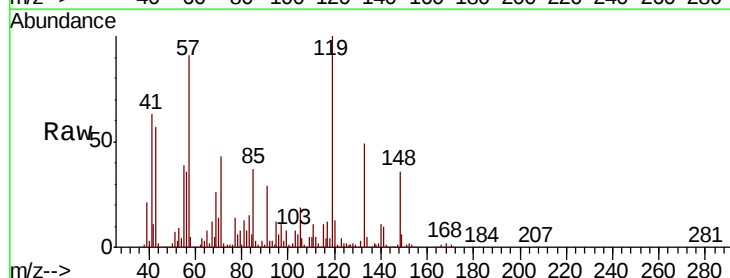
Tgt Ion: 75 Resp: 4959

Ion Ratio Lower Upper

75 100

155 57.8 37.1 111.3

157 0.0 48.5 145.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

10000

8000

6000

4000

2000

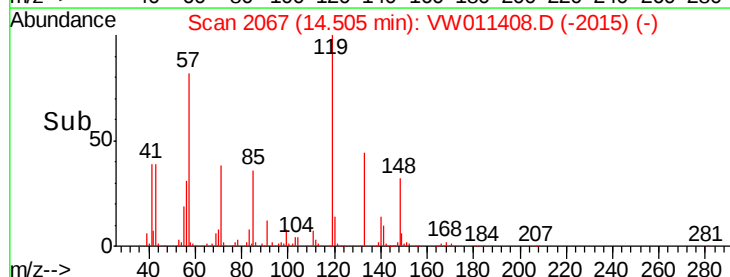
0

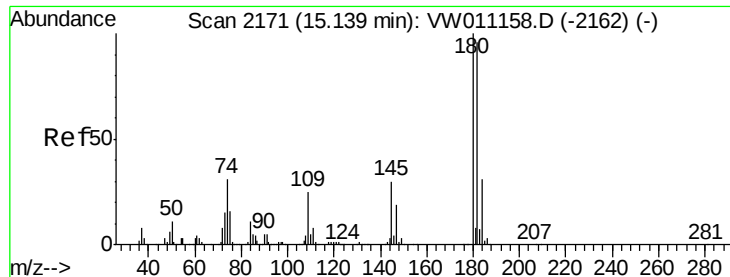
14.48

14.51

14.52

Time-->

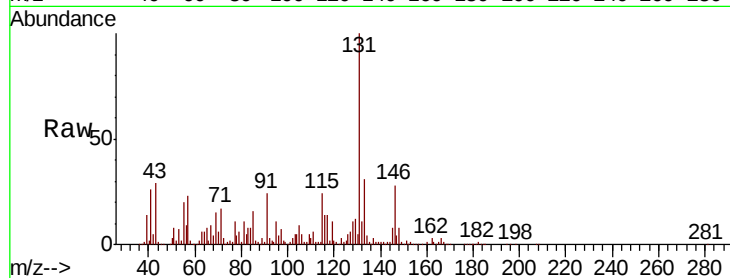




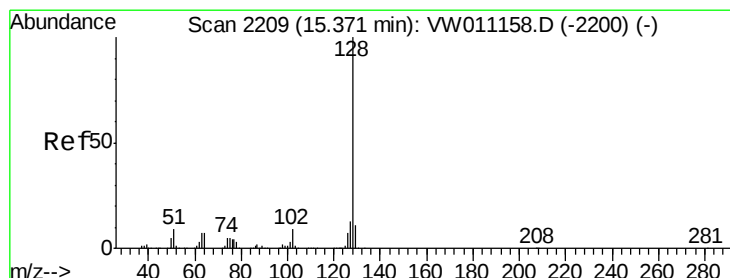
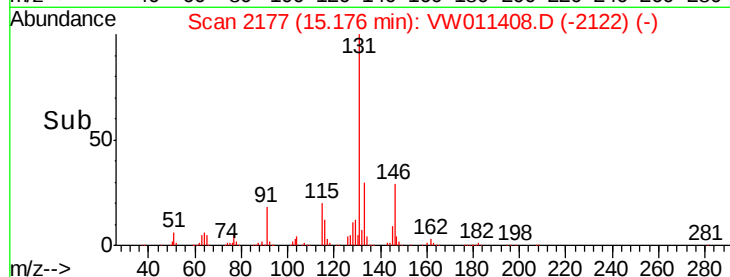
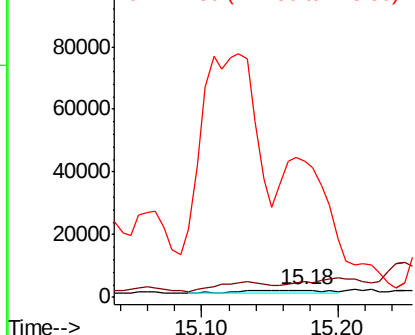
#93
 1,2,4-Trichlorobenzene
 Concen: 2.021 ug/l
 RT: 15.18 min Scan# 2177
 Delta R.T. 0.04 min
 Lab File: VW011408.D
 Acq: 20 Jul 2019 07:03

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-071719-C

Tot Ion:180 Resp: 4340
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.3 144.9#
 145 2868.6 15.5 46.5#

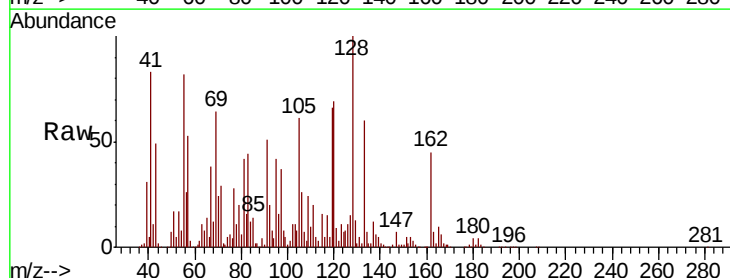


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

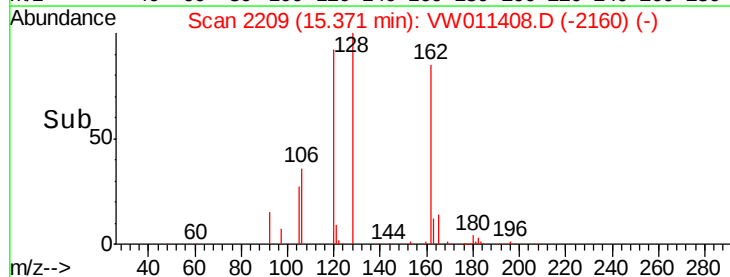
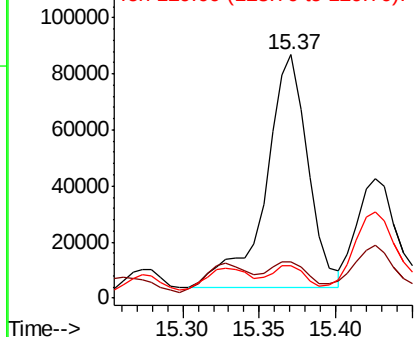


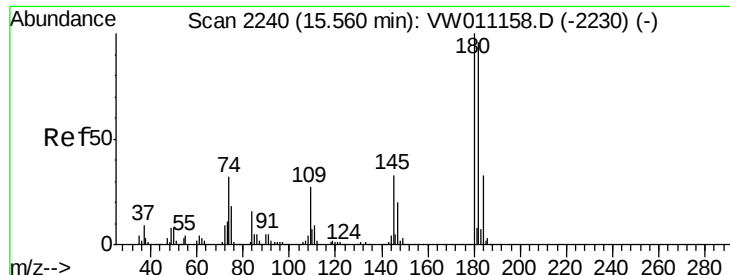
#95
 Naphthalene
 Concen: 38.975 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VW011408.D
 Acq: 20 Jul 2019 07:03

Tgt Ion:128 Resp: 160410
 Ion Ratio Lower Upper
 128 100
 127 8.9 10.6 16.0#
 129 5.9 8.7 13.1#



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

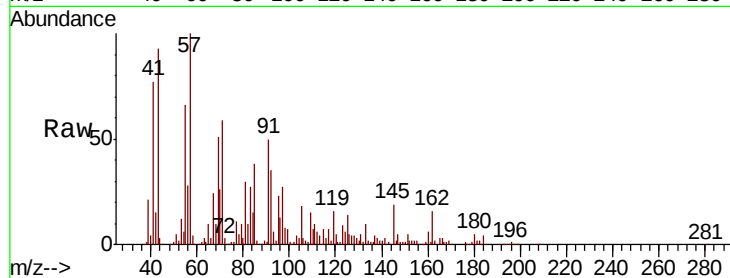




#96
 1,2,3-Trichlorobenzene
 Concen: 4.073 ug/l
 RT: 15.58 min Scan# 2243
 Delta R.T. 0.02 min
 Lab File: VW011408.D
 Acq: 20 Jul 2019 07:03

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-071719-C

Tot Ion:180 Resp: 7720
 Ion Ratio Lower Upper
 180 100
 182 24.6 47.6 142.8#
 145 0.0 16.5 49.5#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

