

Data File : VW008624.D
Acq On : 12 Feb 2019 15:51
Operator : SY/VA
Sample : K1343-01RE
Misc : 6.70G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-A

Quant Time: Feb 13 00:22:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	375975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	623233	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	533444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	218682	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	222225	60.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.32%	
35) Dibromofluoromethane	7.88	113	197545	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	
50) Toluene-d8	10.32	98	722703	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.62	95	242355	43.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.02	85	286	3.375	ug/l	76
7) Trichlorofluoromethane	3.27	101	166	4.769	ug/l #	17
11) Tert butyl alcohol	5.17	59	3757	12.634	ug/l #	84
13) Acrolein	3.89	56	1525	9.900	ug/l	88
16) Acetone	4.12	43	54057	65.172	ug/l	98
17) Carbon Disulfide	4.37	76	17805	1.620	ug/l	95
20) Methylene Chloride	4.91	84	18332	4.795	ug/l	89
25) 2-Butanone	7.16	43	13904	12.068	ug/l #	77
26) 2,2-Dichloropropane	7.14	77	9510	2.007	ug/l #	54
29) Tetrahydrofuran	7.54	42	3847	5.269	ug/l	94
31) Cyclohexane	7.95	56	10141	1.399	ug/l #	46
36) 1,1-Dichloropropene	7.95	75	29482	5.008	ug/l #	51
37) Ethyl Acetate	7.16	43	13904	5.338	ug/l #	72
38) Carbon Tetrachloride	7.95	117	36394	6.143	ug/l #	16
40) Benzene	8.32	78	45280	2.772	ug/l	91
49) 1,4-Dioxane	9.46	88	49	1.384	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	5927	2.217	ug/l	98
52) Toluene	10.38	92	43997	4.080	ug/l	99
67) Ethyl Benzene	11.73	91	28470	1.422	ug/l	93
68) m/p-Xylenes	11.84	106	41737	5.374	ug/l	96
69) o-Xylene	12.16	106	47782	6.475	ug/l	95
73) Isopropylbenzene	12.46	105	22509	1.381	ug/l	98
74) N-amyl acetate	12.26	43	10460	2.490	ug/l #	66
76) 1,2,3-Trichloropropane	12.87	75	3894	2.048	ug/l #	1
78) n-propylbenzene	12.80	91	76340	3.899	ug/l	97
79) 2-Chlorotoluene	12.87	91	33066	2.993	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.94	105	220233	16.162	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.62	75	127205	132.142	ug/l #	12
82) 4-Chlorotoluene	12.94	91	24800	2.108	ug/l #	45
84) 1,2,4-Trimethylbenzene	13.26	105	623835	45.041	ug/l	99
85) sec-Butylbenzene	13.38	105	64368	3.717	ug/l	85
86) p-Isopropyltoluene	13.50	119	67903	4.476	ug/l	96
89) n-Butylbenzene	13.83	91	105240	7.066	ug/l #	78
90) Hexachloroethane	14.10	117	34187	11.524	ug/l #	10

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021219\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

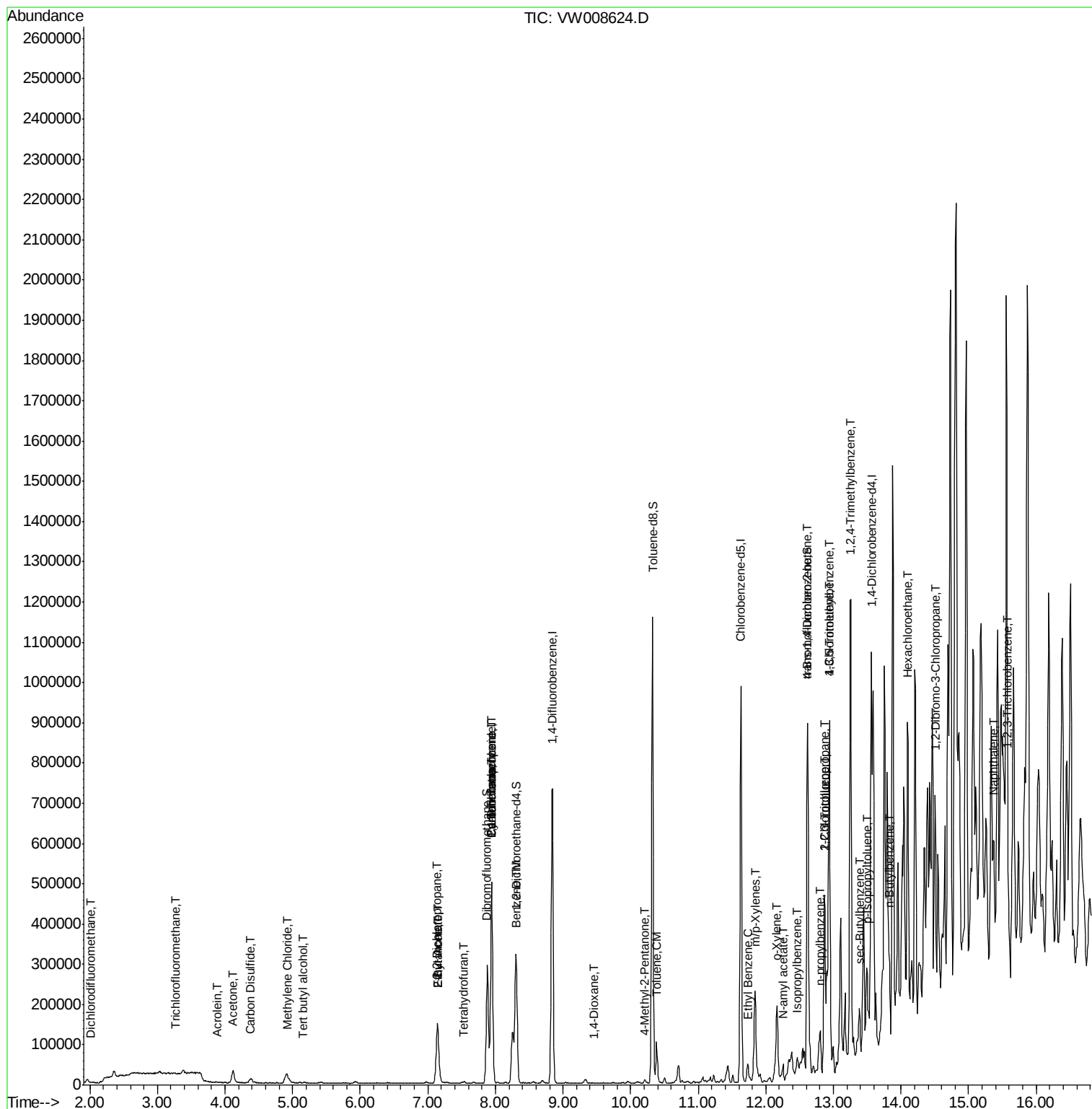
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.51	75	1181	2.411	ug/l #	37
95) Naphthalene	15.37	128	167316	20.988	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.58	180	4143	1.076	ug/l #	13

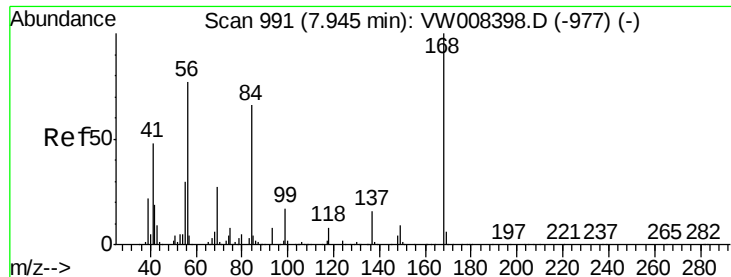
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008624.D

Acq: 12 Feb 2019 15:51

Instrument :

MSVOA_W

ClientSampleId :

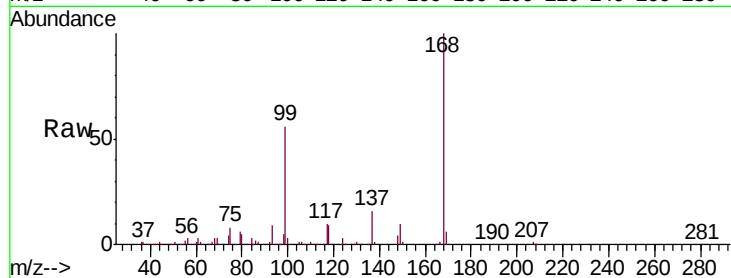
JC-02-021119-A

Tgt Ion:168 Resp: 375975

Ion Ratio Lower Upper

168 100

99 56.4 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

200000

150000

100000

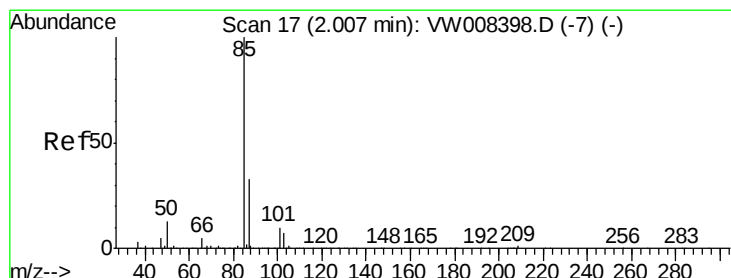
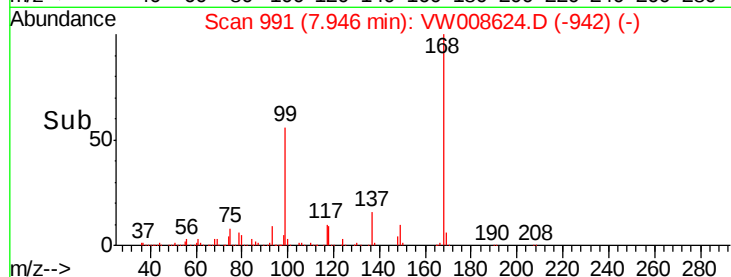
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 3.375 ug/l

RT: 2.02 min Scan# 19

Delta R.T. 0.01 min

Lab File: VW008624.D

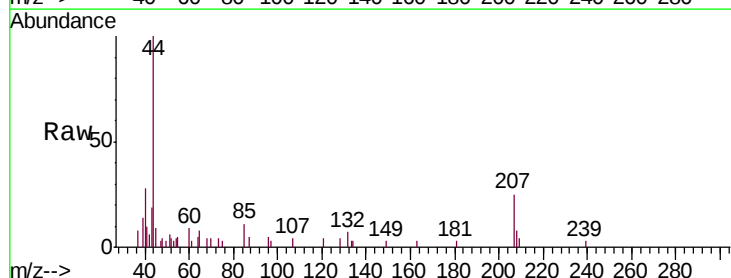
Acq: 12 Feb 2019 15:51

Tgt Ion: 85 Resp: 286

Ion Ratio Lower Upper

85 100

87 47.1 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

250

200

150

100

50

0

1.98

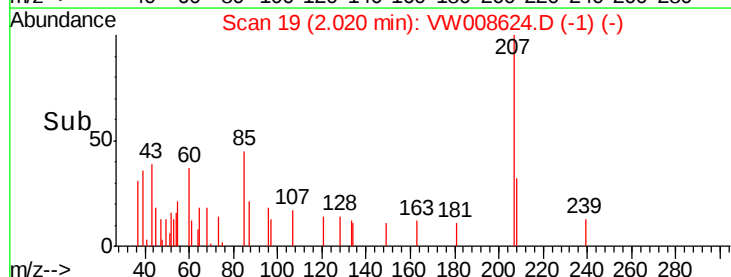
2.00

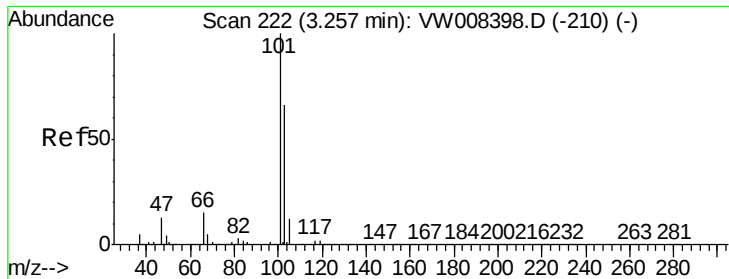
2.02

2.04

2.06

Time-->



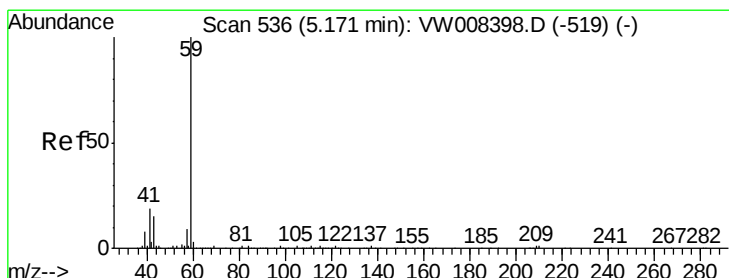
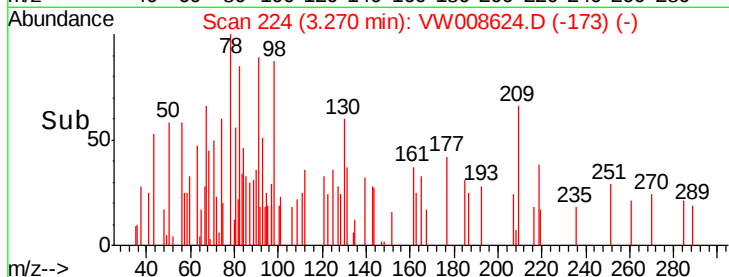
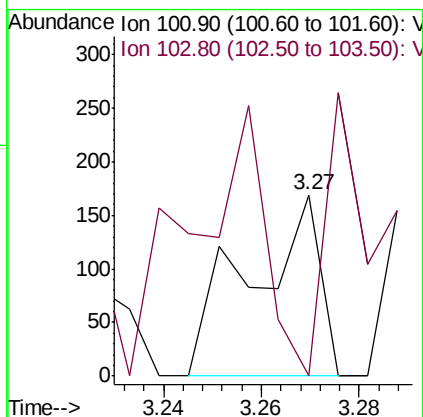
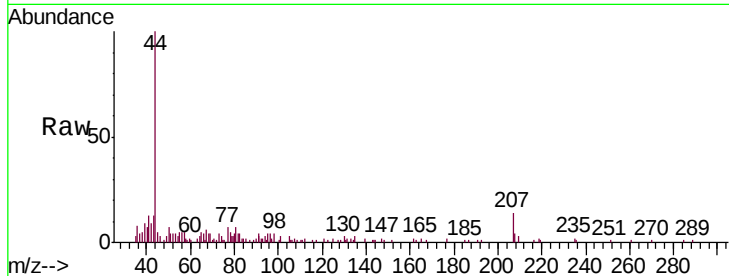


#7

Trichlorofluoromethane
 Concen: 4.769 ug/l
 RT: 3.27 min Scan# 224
 Delta R.T. 0.01 min
 Lab File: VW008624.D
 Acq: 12 Feb 2019 15:51

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-021119-A

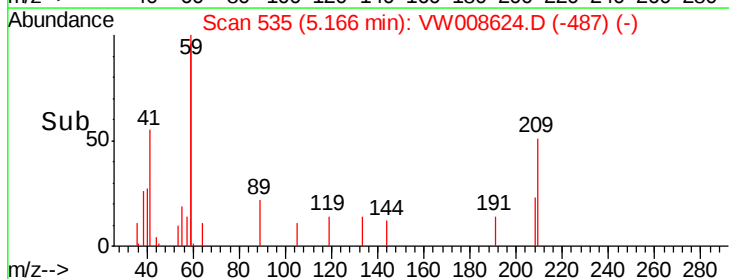
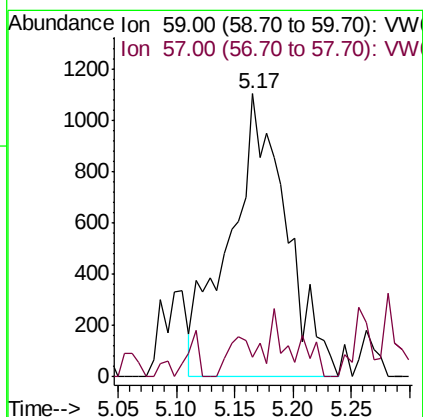
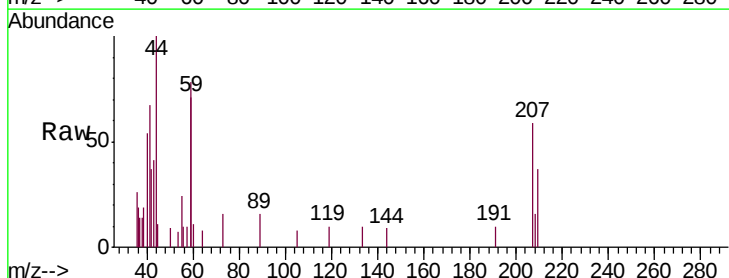
Tgt Ion: 101 Resp: 166
 Ion Ratio Lower Upper
 101 100
 103 0.0 52.5 78.7#

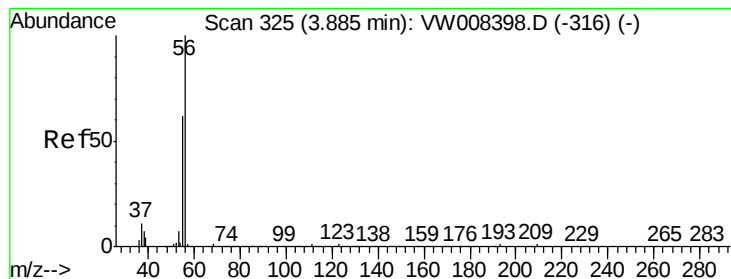


#11

Tert butyl alcohol
 Concen: 12.634 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW008624.D
 Acq: 12 Feb 2019 15:51

Tgt Ion: 59 Resp: 3757
 Ion Ratio Lower Upper
 59 100
 57 5.6 9.3 13.9#





#13

Acrolein

Concen: 9.900 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008624.D

Acq: 12 Feb 2019 15:51

Instrument :

MSVOA_W

ClientSampleId :

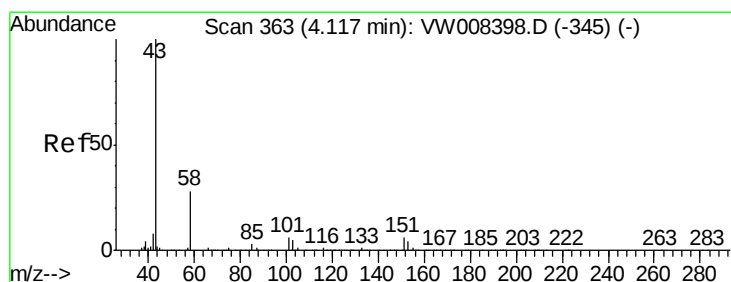
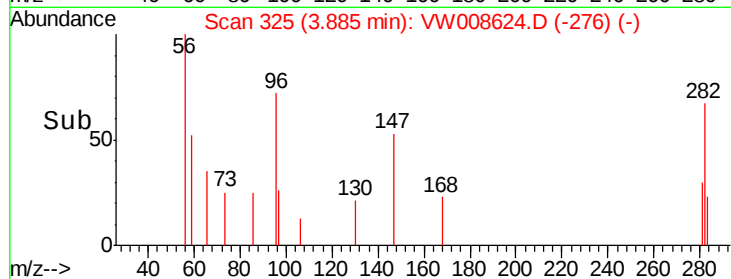
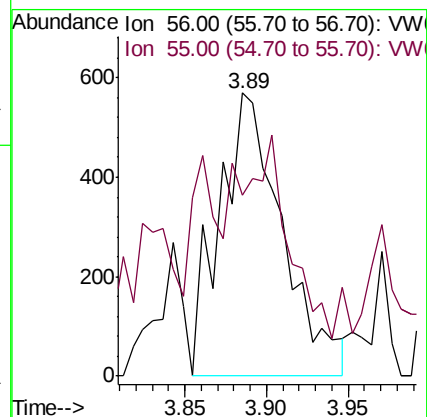
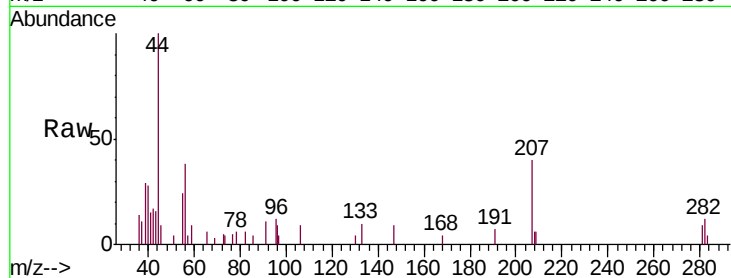
JC-02-021119-A

Tgt Ion: 56 Resp: 1525

Ion Ratio Lower Upper

56 100

55 60.9 56.7 85.1



#16

Acetone

Concen: 65.172 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008624.D

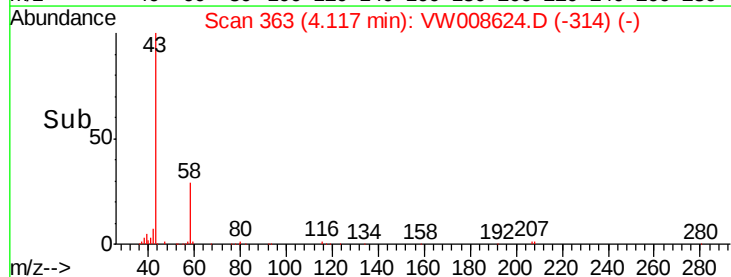
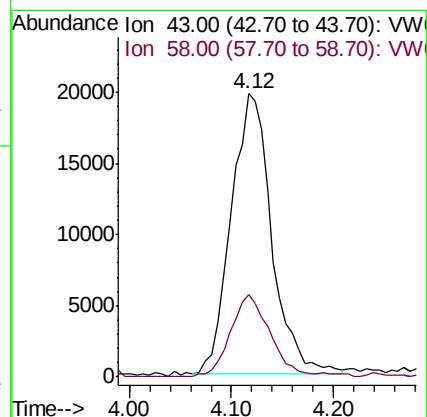
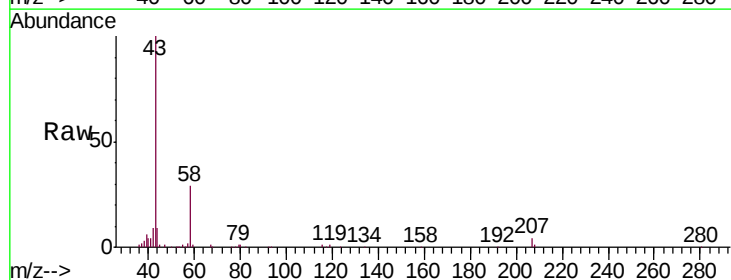
Acq: 12 Feb 2019 15:51

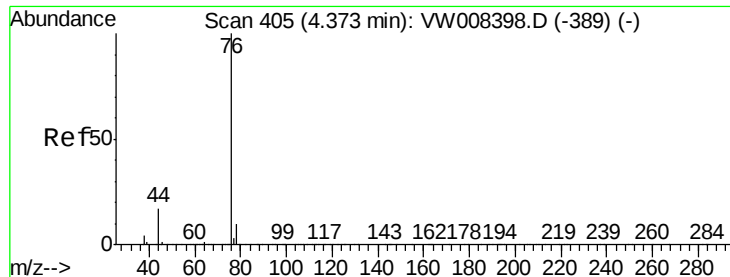
Tgt Ion: 43 Resp: 54057

Ion Ratio Lower Upper

43 100

58 29.4 22.6 34.0

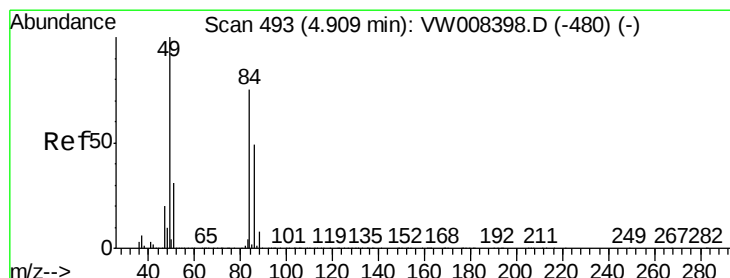
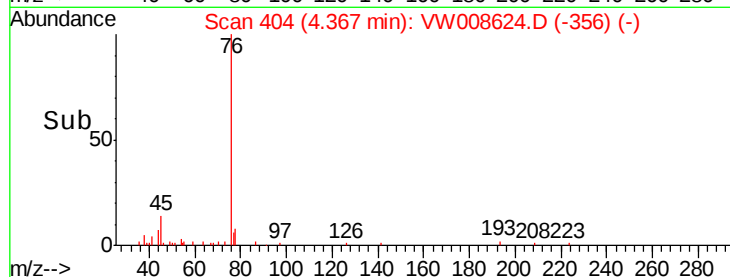
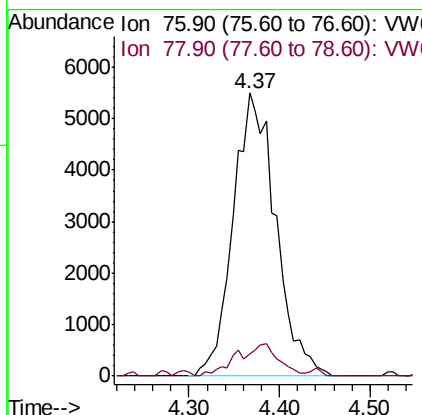
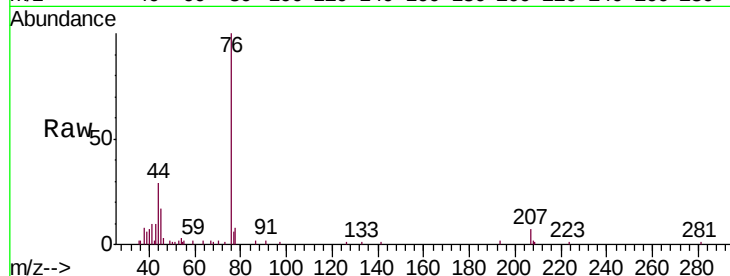




#17
Carbon Disulfide
Concen: 1.620 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW008624.D
Acq: 12 Feb 2019 15:51

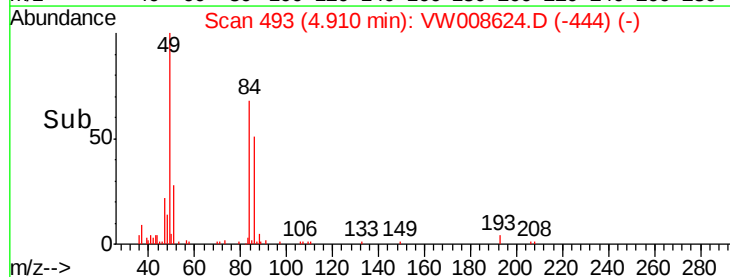
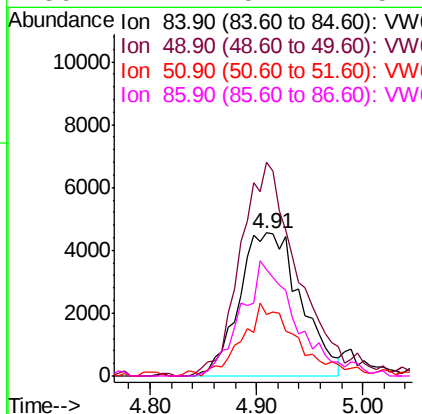
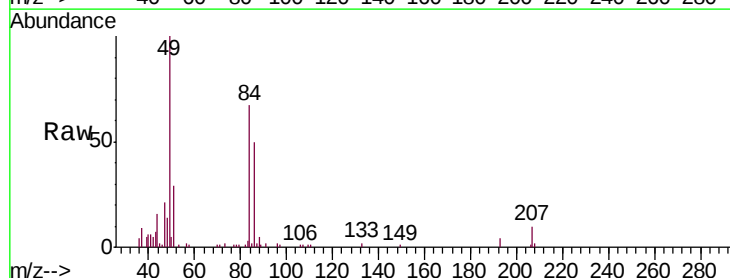
Instrument :
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JC-02-021119-A

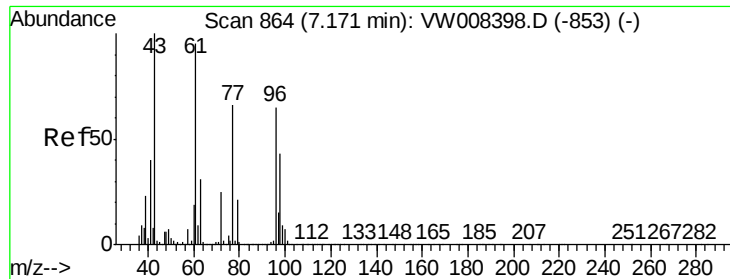
Tgt Ion: 76 Resp: 17805
Ion Ratio Lower Upper
76 100
78 7.8 7.7 11.5



#20
Methylene Chloride
Concen: 4.795 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008624.D
Acq: 12 Feb 2019 15:51

Tgt Ion: 84 Resp: 18332
Ion Ratio Lower Upper
84 100
49 149.3 106.8 160.2
51 39.1 32.9 49.3
86 74.7 52.2 78.2





#25

2-Butanone

Concen: 12.068 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008624.D

Acq: 12 Feb 2019 15:51

Instrument :

MSVOA_W

ClientSampleId :

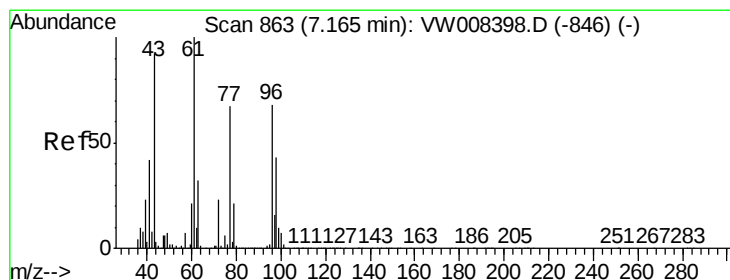
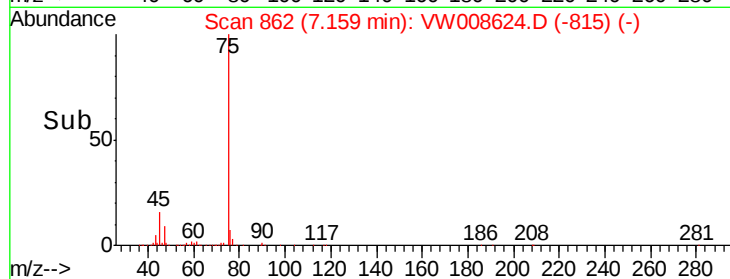
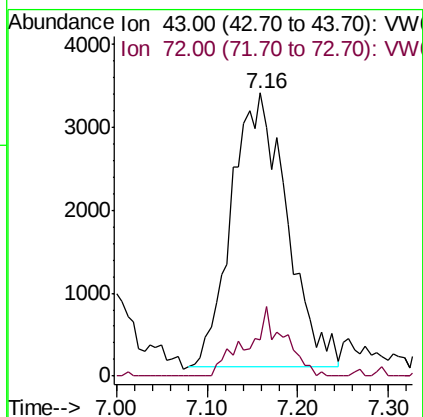
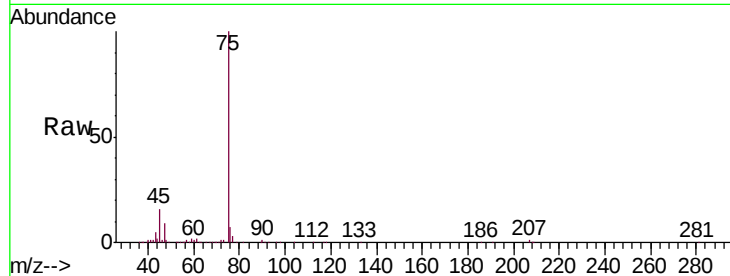
JC-02-021119-A

Tgt Ion: 43 Resp: 13904

Ion Ratio Lower Upper

43 100

72 13.4 20.1 30.1#



#26

2,2-Dichloropropane

Concen: 2.007 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW008624.D

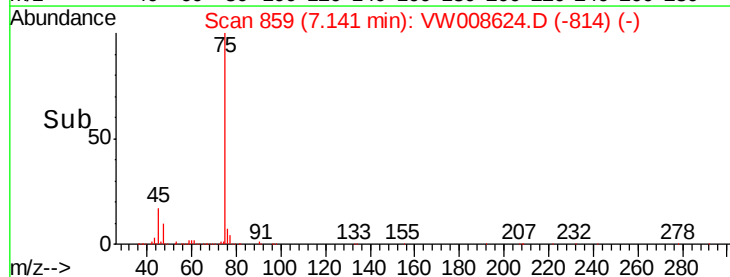
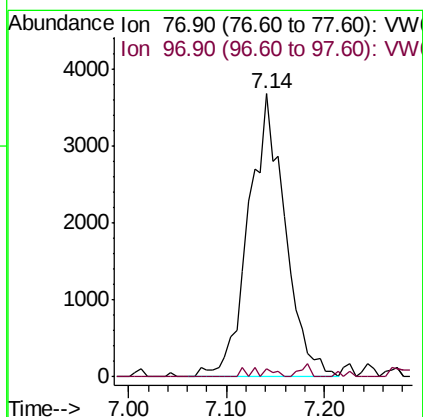
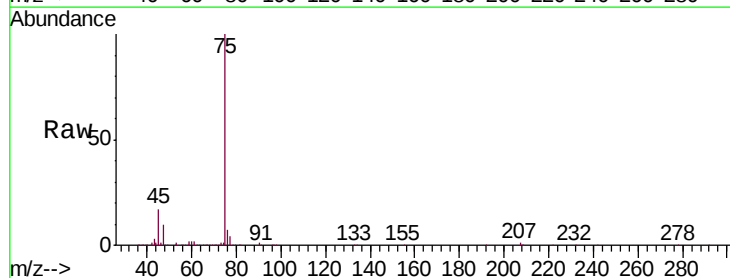
Acq: 12 Feb 2019 15:51

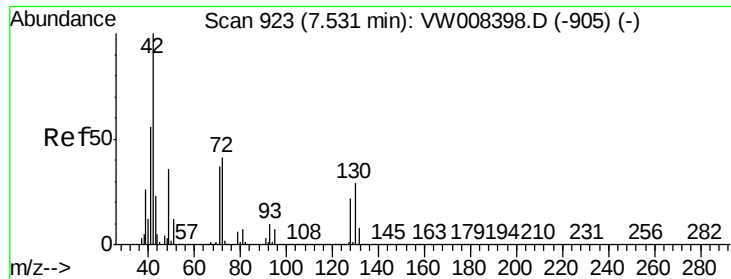
Tgt Ion: 77 Resp: 9510

Ion Ratio Lower Upper

77 100

97 0.9 11.5 34.5#

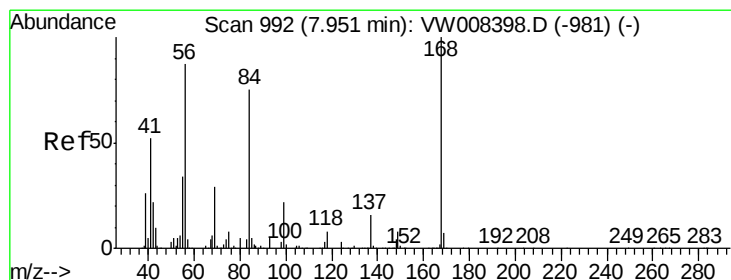
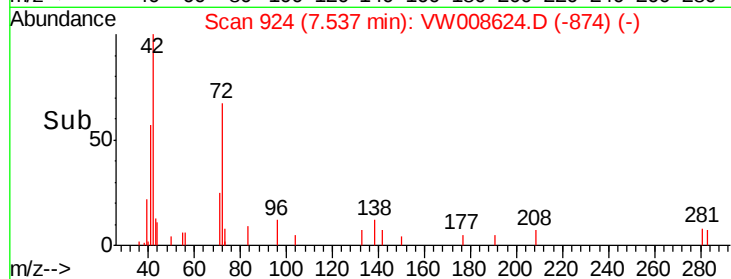
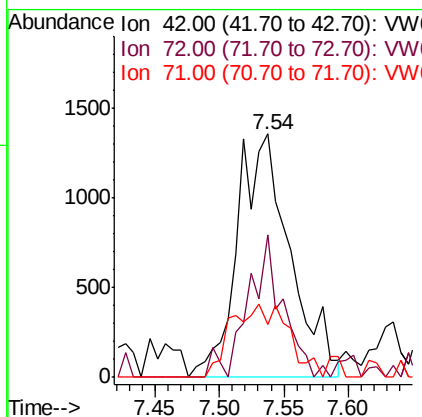
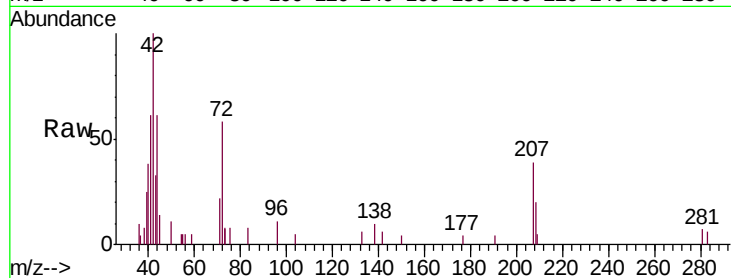




#29
Tetrahydrofuran
Concen: 5.269 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008624.D
Acq: 12 Feb 2019 15:51

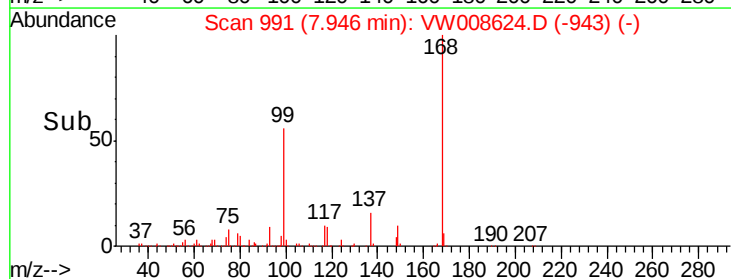
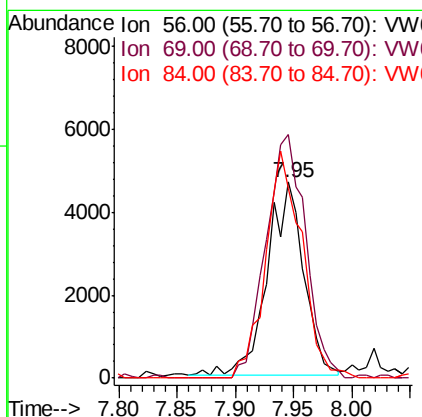
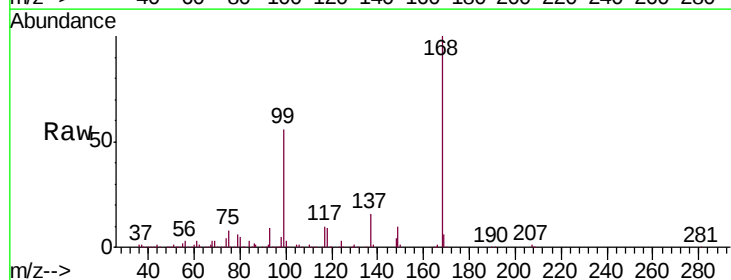
Instrument :
MSVOA_W
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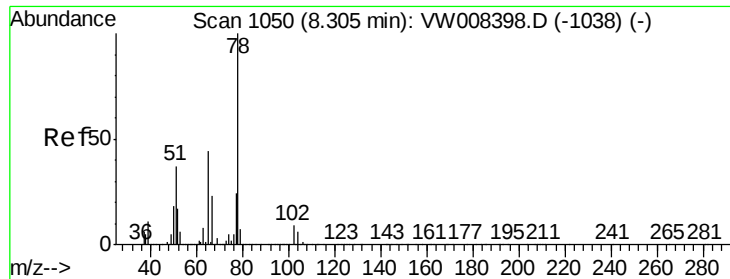
Tgt Ion: 42 Resp: 3847
Ion Ratio Lower Upper
42 100
72 36.4 31.9 47.9
71 33.0 29.9 44.9



#31
Cyclohexane
Concen: 1.399 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008624.D
Acq: 12 Feb 2019 15:51

Tgt Ion: 56 Resp: 10141
Ion Ratio Lower Upper
56 100
69 125.7 26.4 39.6#
84 97.9 69.1 103.7

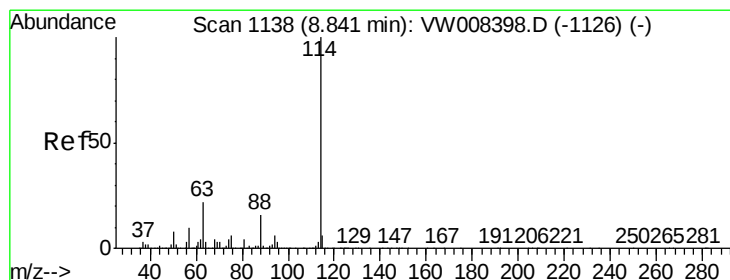
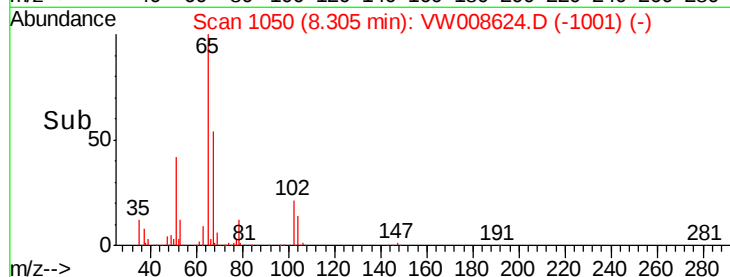
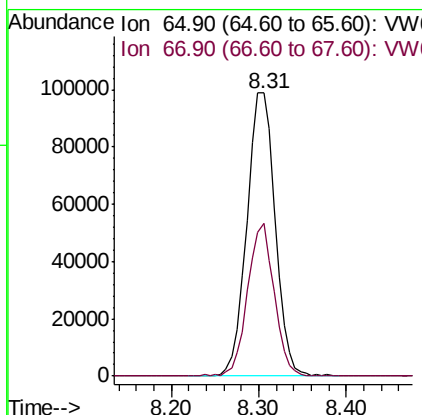
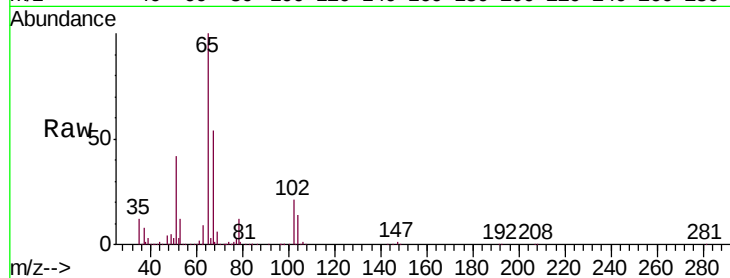




#33
 1,2-Dichloroethane-d4
 Concen: 60.165 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008624.D
 Acq: 12 Feb 2019 15:51

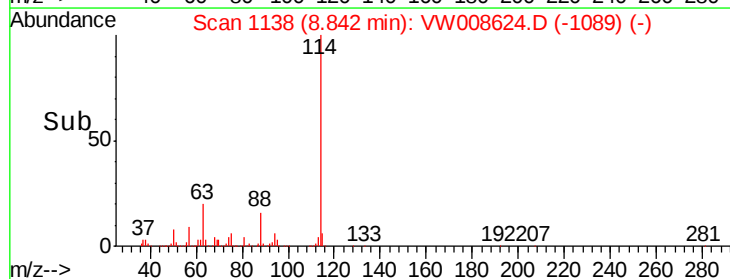
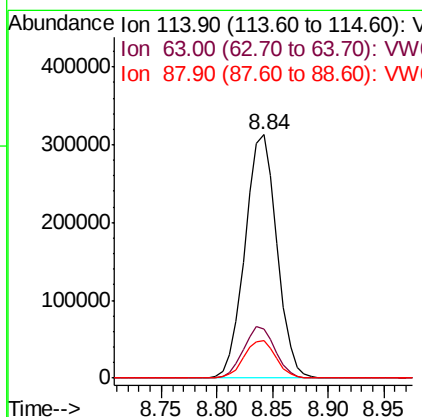
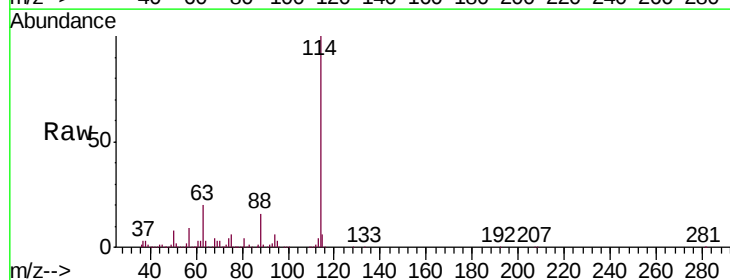
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-021119-A

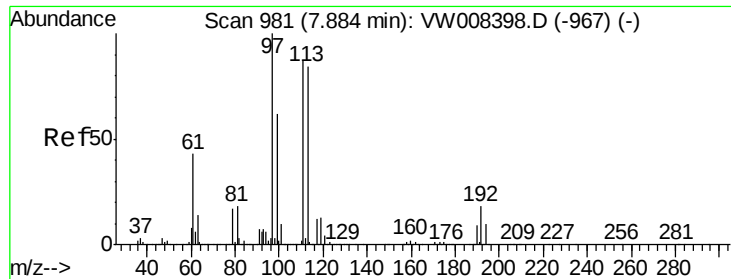
Tgt Ion: 65 Resp: 222225
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008624.D
 Acq: 12 Feb 2019 15:51

Tgt Ion: 114 Resp: 623233
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 43.6
 88 15.5 0.0 31.8

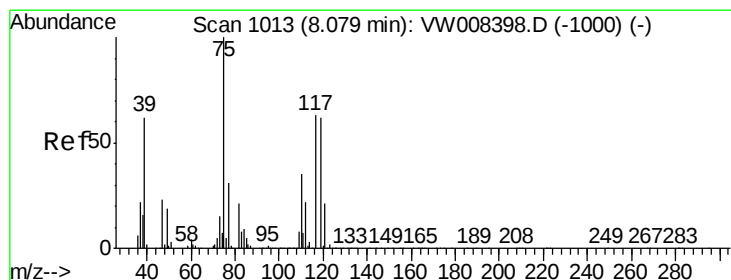
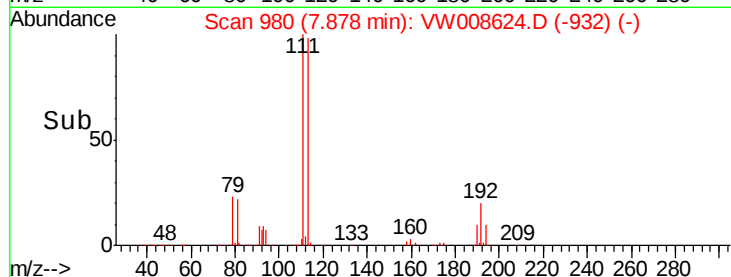
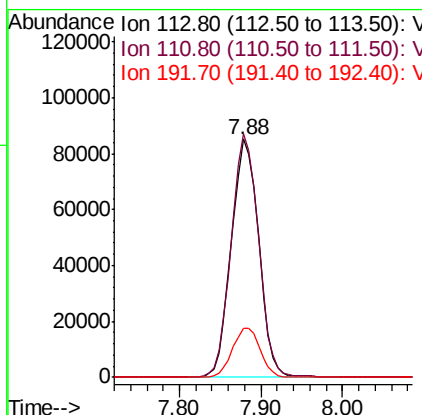
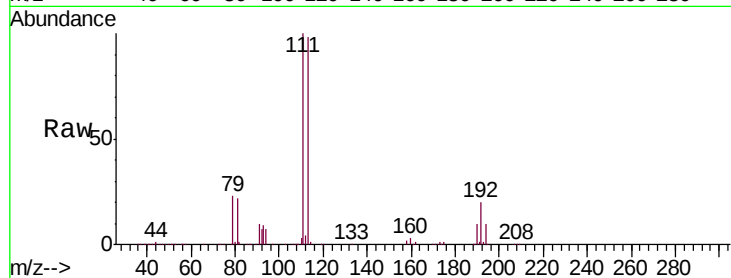




#35
 Dibromofluoromethane
 Concen: 54.207 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008624.D
 Acq: 12 Feb 2019 15:51

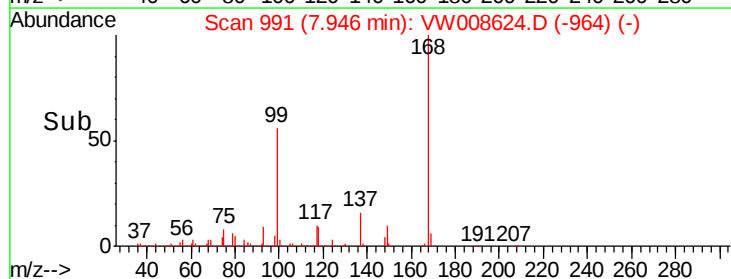
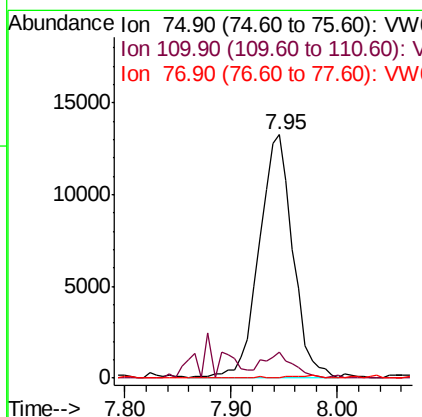
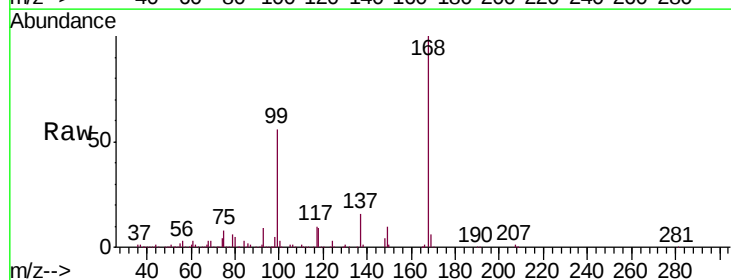
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-021119-A

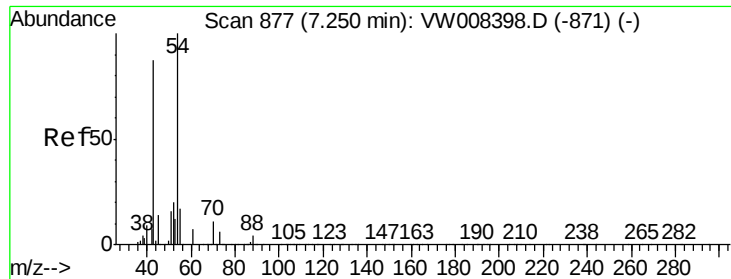
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.0	121.4
192	20.9	16.8	25.2



#36
 1,1-Dichloropropene
 Concen: 5.008 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008624.D
 Acq: 12 Feb 2019 15:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.3	52.0#
77	0.0	24.7	37.1#

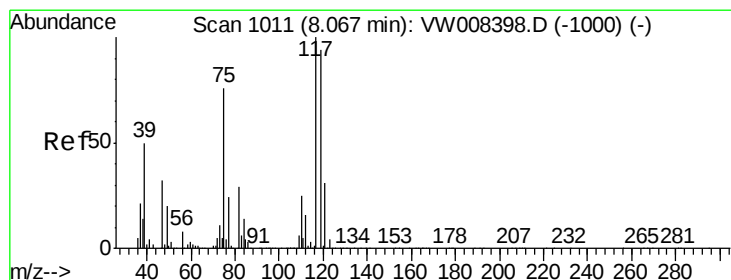
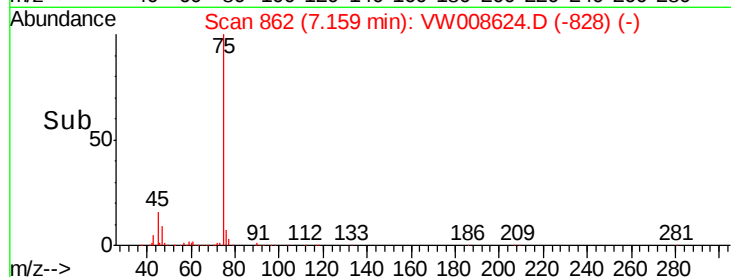
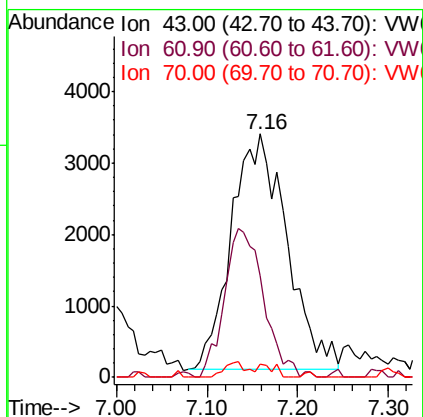
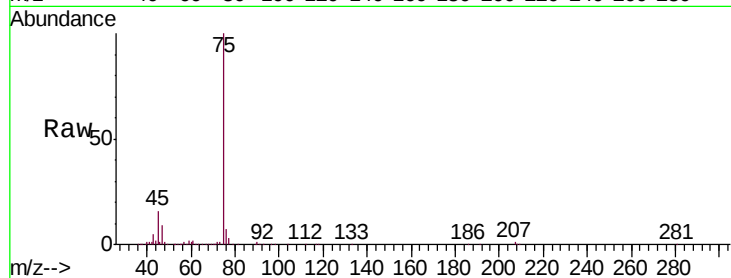




#37
 Ethyl Acetate
 Concen: 5.338 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.09 min
 Lab File: VW008624.D
 Acq: 12 Feb 2019 15:51

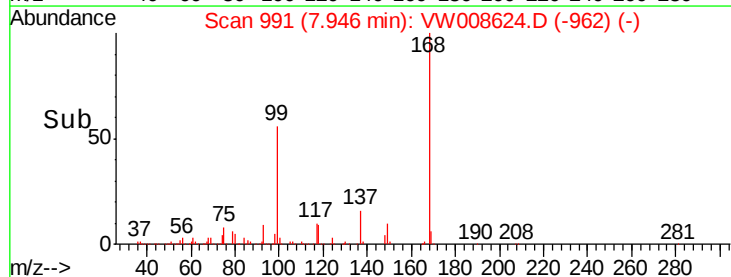
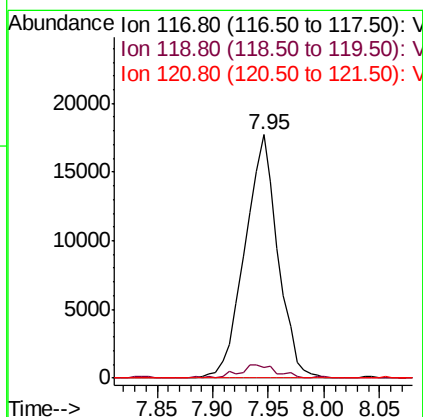
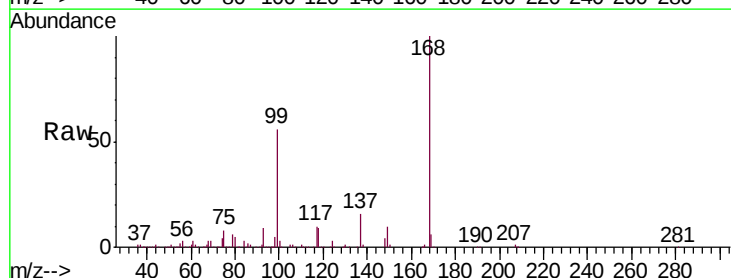
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-021119-A

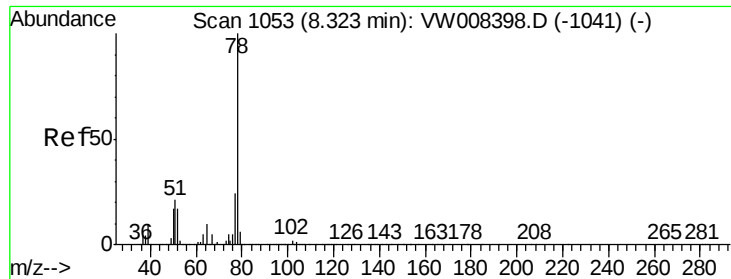
Tgt Ion: 43 Resp: 13904
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.1 15.1#
 70 1.6 7.8 11.6#



#38
 Carbon Tetrachloride
 Concen: 6.143 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW008624.D
 Acq: 12 Feb 2019 15:51

Tgt Ion: 117 Resp: 36394
 Ion Ratio Lower Upper
 117 100
 119 4.6 75.0 112.4#
 121 0.0 24.9 37.3#





#40

Benzene

Concen: 2.772 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VW008624.D

Acq: 12 Feb 2019 15:51

Instrument :

MSVOA_W

ClientSampleId :

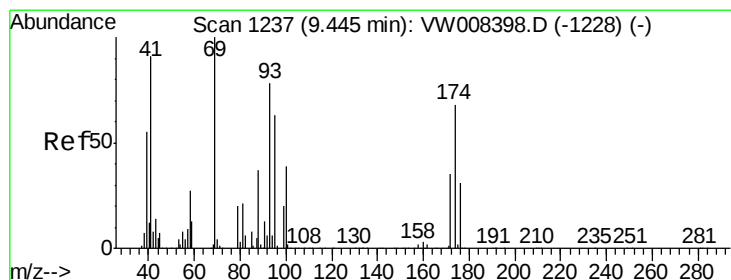
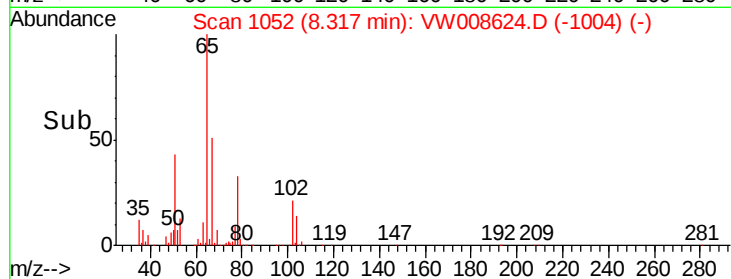
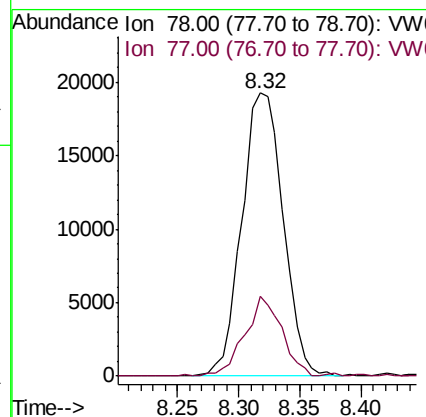
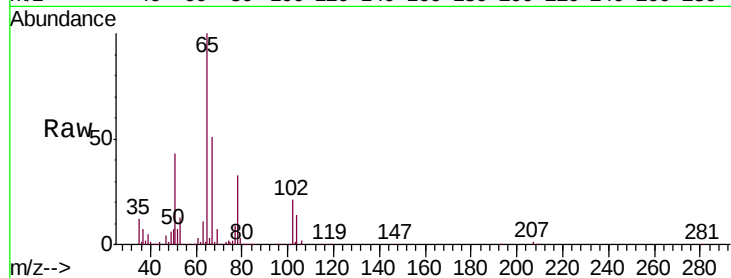
JC-02-021119-A

Tgt Ion: 78 Resp: 45280

Ion Ratio Lower Upper

78 100

77 28.4 19.0 28.6



#49

1,4-Dioxane

Concen: 1.384 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW008624.D

Acq: 12 Feb 2019 15:51

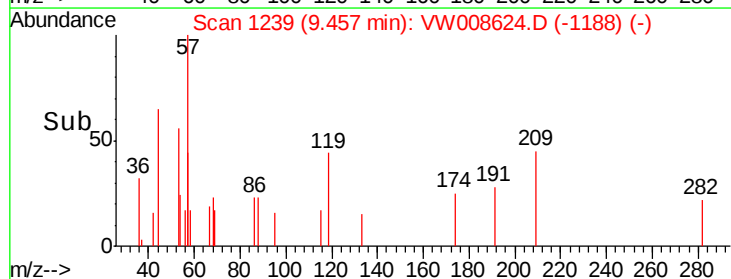
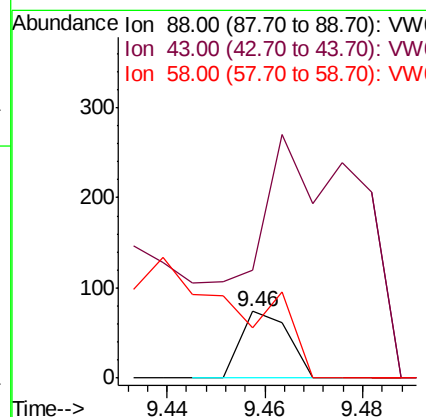
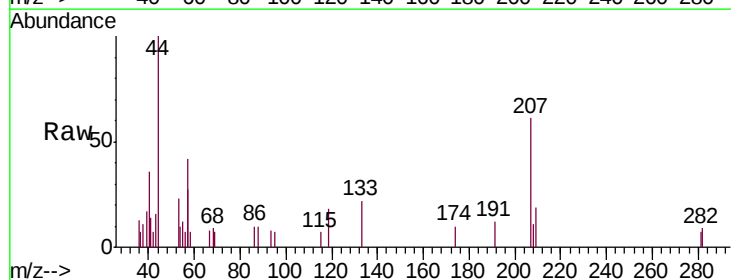
Tgt Ion: 88 Resp: 49

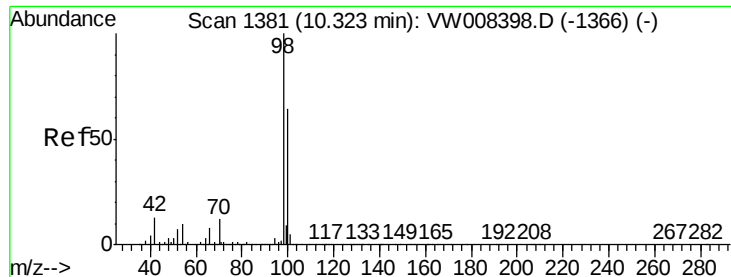
Ion Ratio Lower Upper

88 100

43 849.0 29.0 43.4#

58 0.0 56.4 84.6#

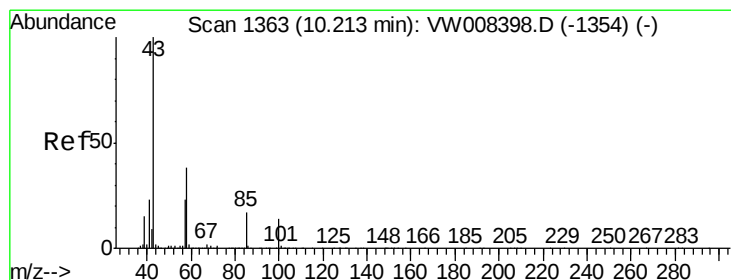
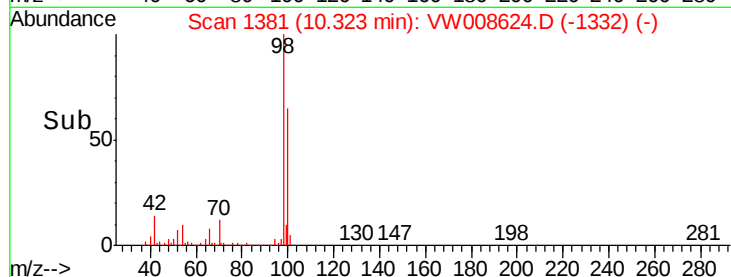
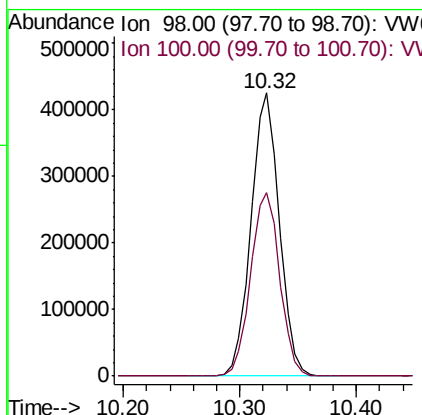
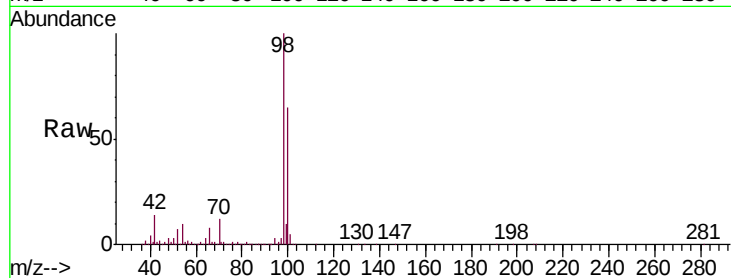




#50
Toluene-d8
Concen: 49.454 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008624.D
Acq: 12 Feb 2019 15:51

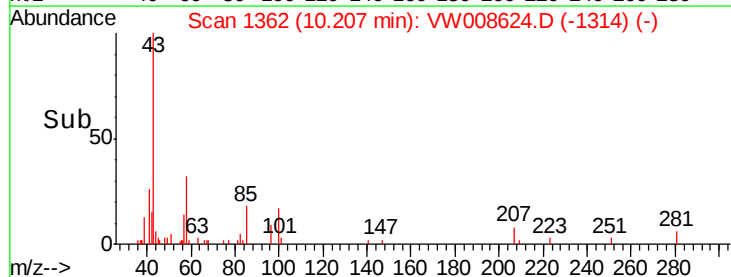
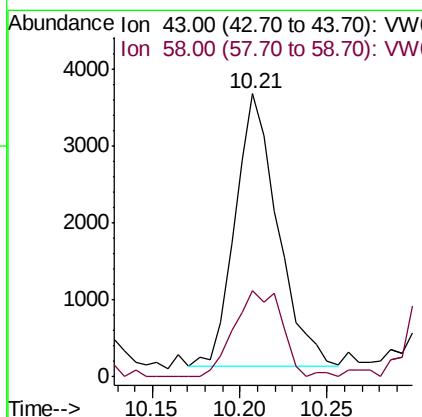
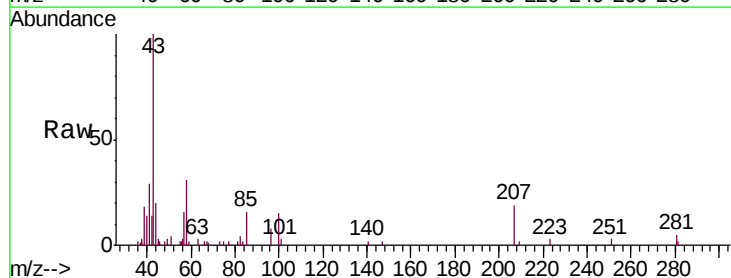
Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-A

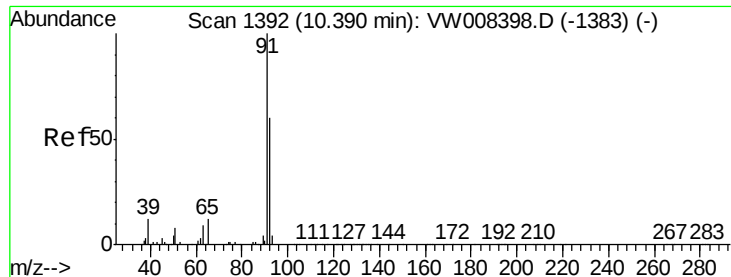
Tgt Ion: 98 Resp: 722703
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 2.217 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VW008624.D
Acq: 12 Feb 2019 15:51

Tgt Ion: 43 Resp: 5927
Ion Ratio Lower Upper
43 100
58 35.8 29.7 44.5





#52

Toluene

Concen: 4.080 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008624.D

Acq: 12 Feb 2019 15:51

Instrument :

MSVOA_W

ClientSampleId :

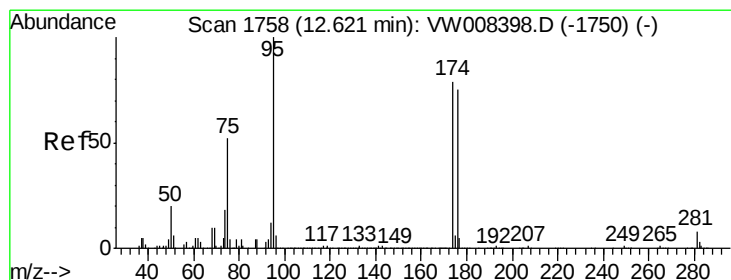
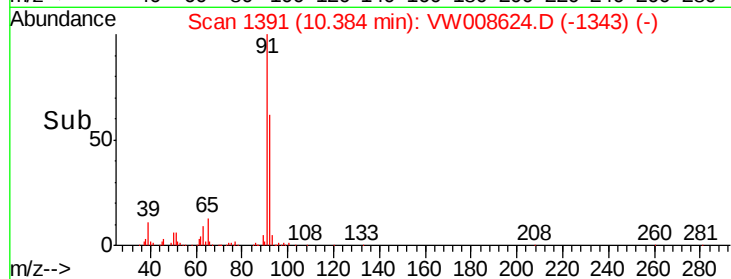
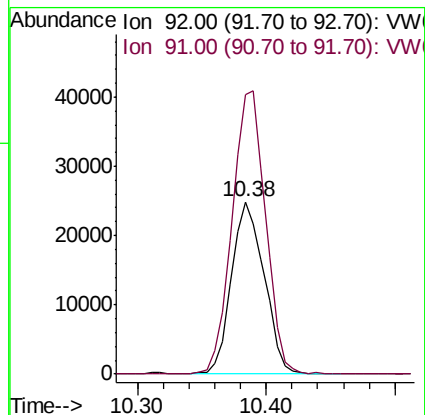
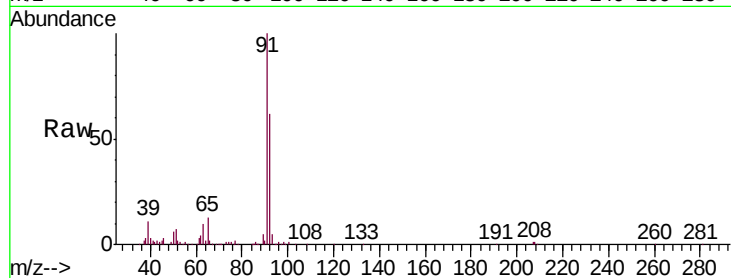
JC-02-021119-A

Tgt Ion: 92 Resp: 43997

Ion Ratio Lower Upper

92 100

91 168.0 135.5 203.3



#62

4-Bromofluorobenzene

Concen: 43.145 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008624.D

Acq: 12 Feb 2019 15:51

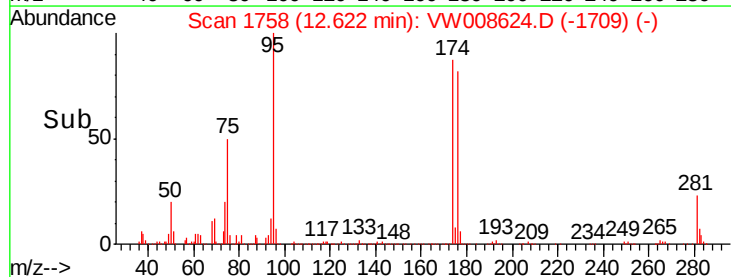
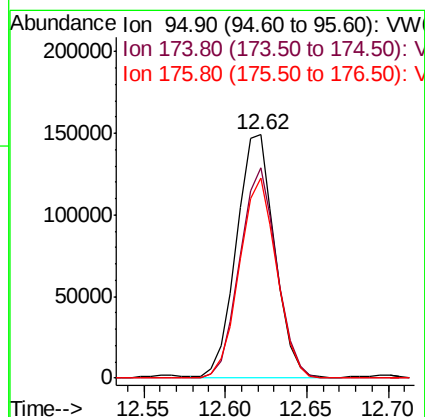
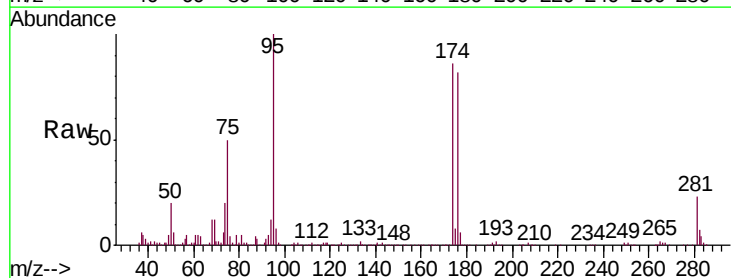
Tgt Ion: 95 Resp: 242355

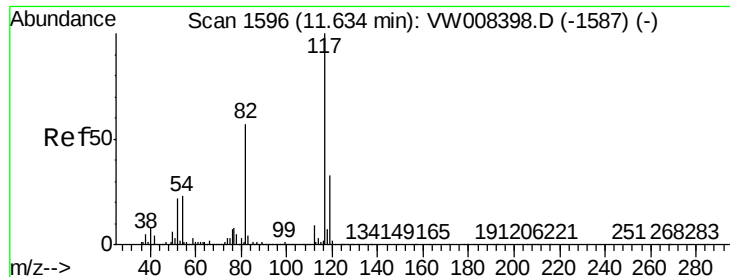
Ion Ratio Lower Upper

95 100

174 83.9 0.0 157.6

176 80.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008624.D

Acq: 12 Feb 2019 15:51

Instrument :

MSVOA_W

ClientSampleId :

JC-02-021119-A

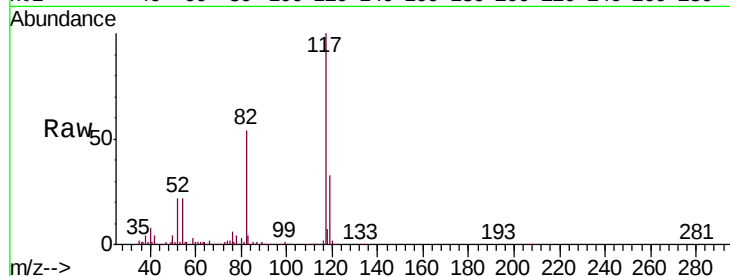
Tgt Ion: 117 Resp: 533444

Ion Ratio Lower Upper

117 100

82 54.4 45.4 68.0

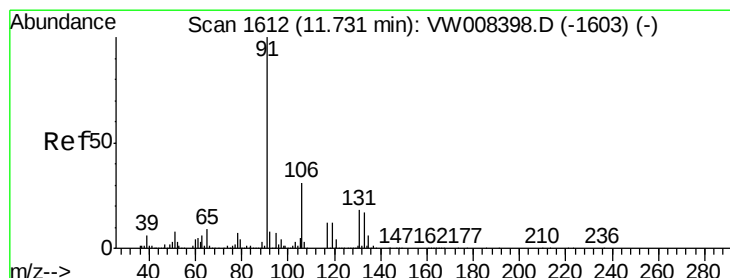
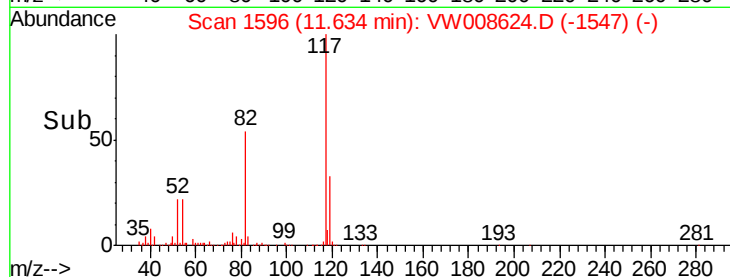
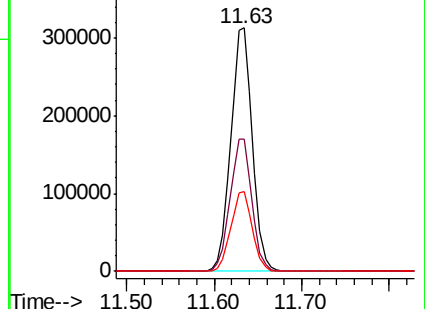
119 32.8 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 1.422 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008624.D

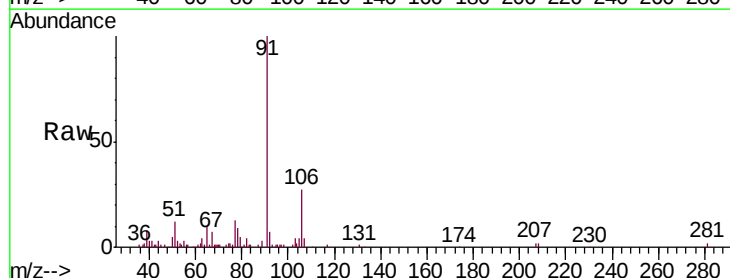
Acq: 12 Feb 2019 15:51

Tgt Ion: 91 Resp: 28470

Ion Ratio Lower Upper

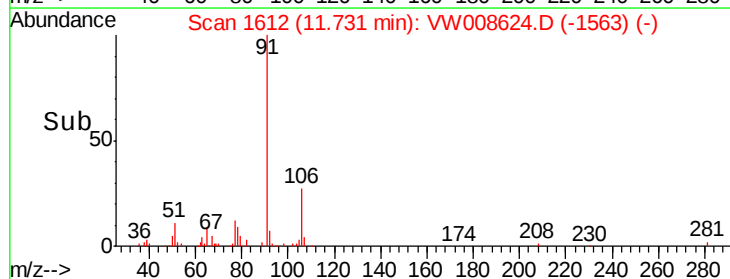
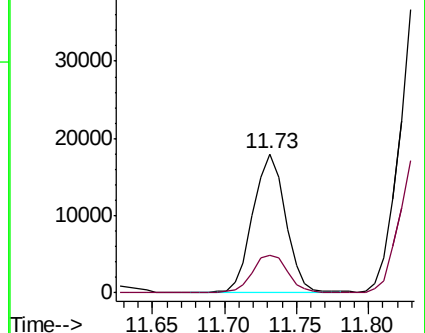
91 100

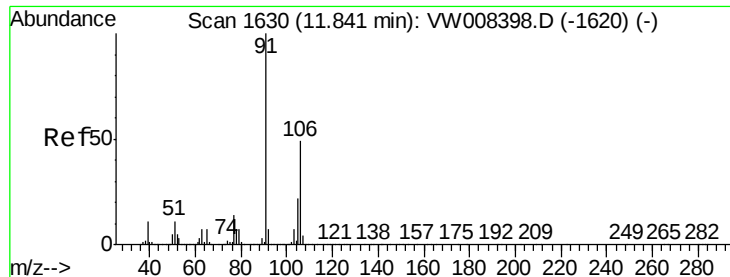
106 27.3 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

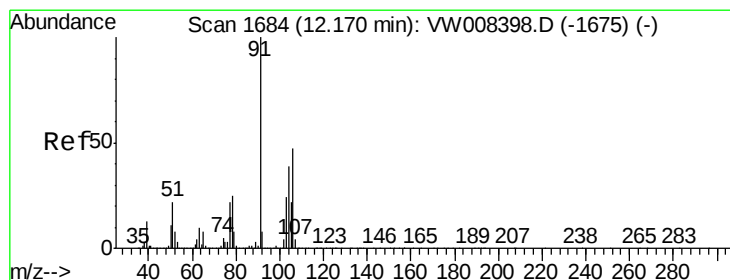
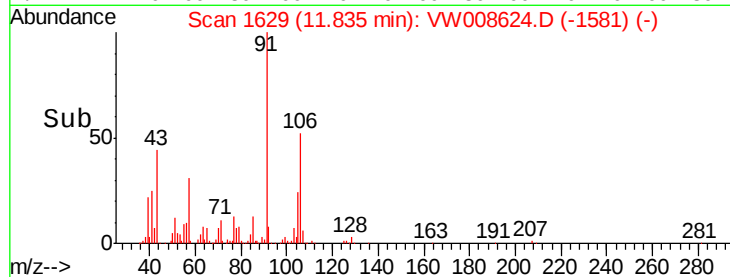
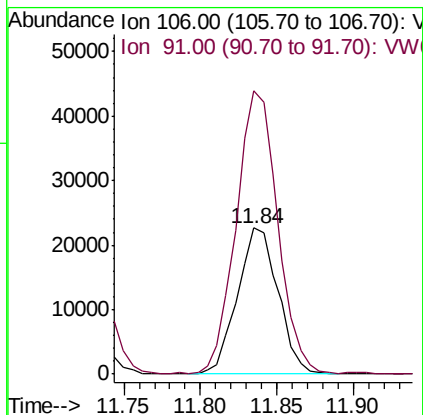
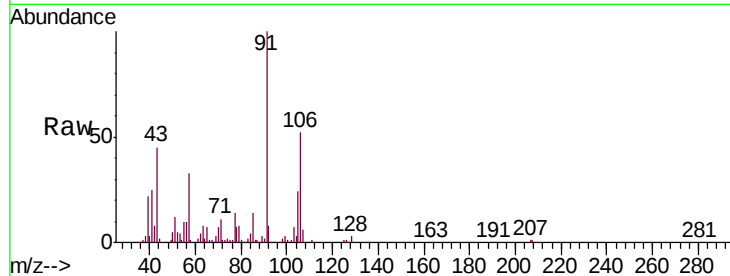




#68
m/p-Xylenes
Concen: 5.374 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008624.D
Acq: 12 Feb 2019 15:51

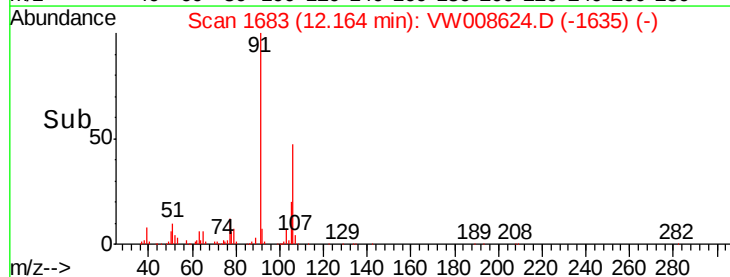
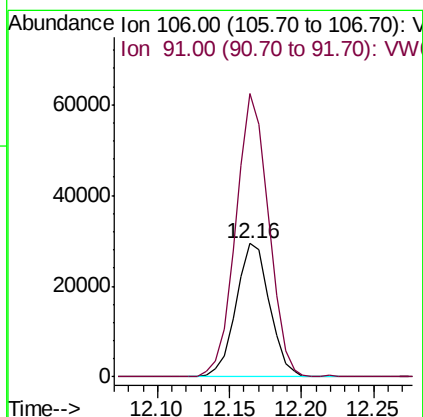
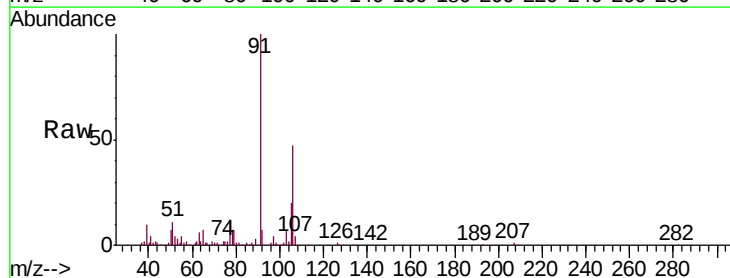
Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-A

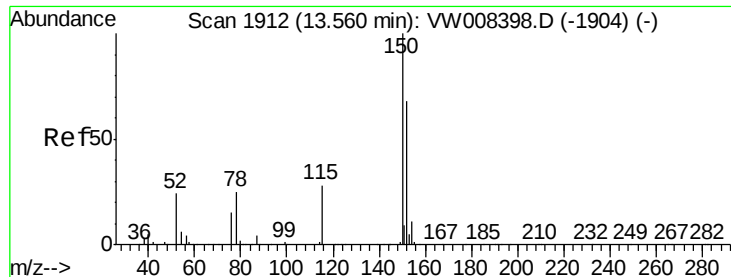
Tgt Ion:106 Resp: 41737
Ion Ratio Lower Upper
106 100
91 197.2 162.9 244.3



#69
o-Xylene
Concen: 6.475 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008624.D
Acq: 12 Feb 2019 15:51

Tgt Ion:106 Resp: 47782
Ion Ratio Lower Upper
106 100
91 206.8 107.5 322.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008624.D

Acq: 12 Feb 2019 15:51

Instrument :

MSVOA_W

ClientSampleId :

JC-02-021119-A

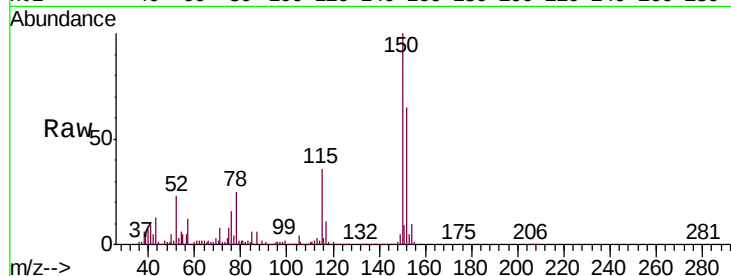
Tgt Ion:152 Resp: 218682

Ion Ratio Lower Upper

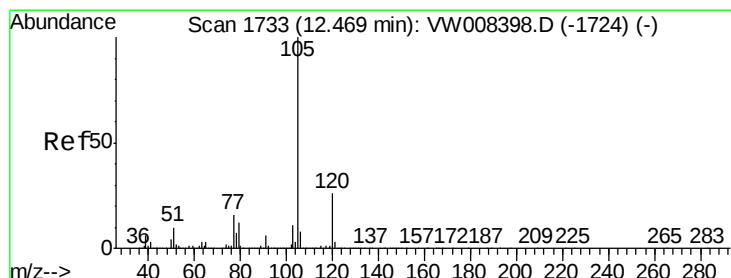
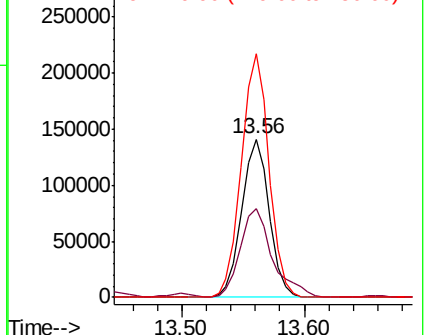
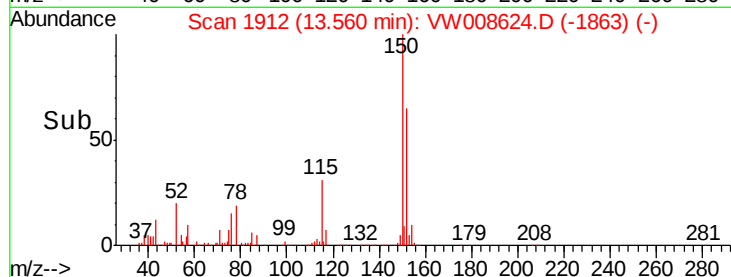
152 100

115 65.9 29.9 89.7

150 155.1 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.381 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008624.D

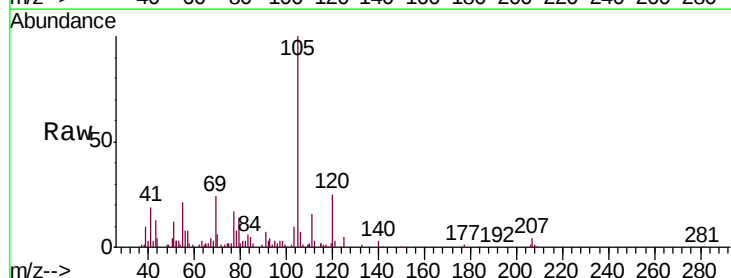
Acq: 12 Feb 2019 15:51

Tgt Ion:105 Resp: 22509

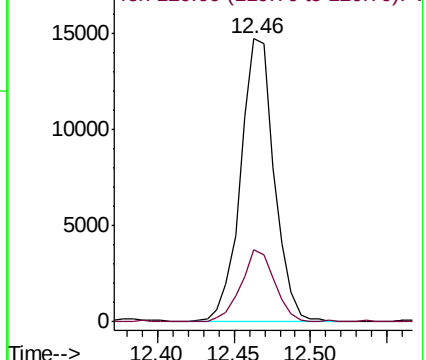
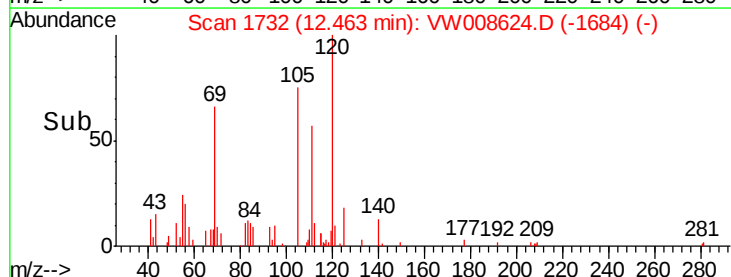
Ion Ratio Lower Upper

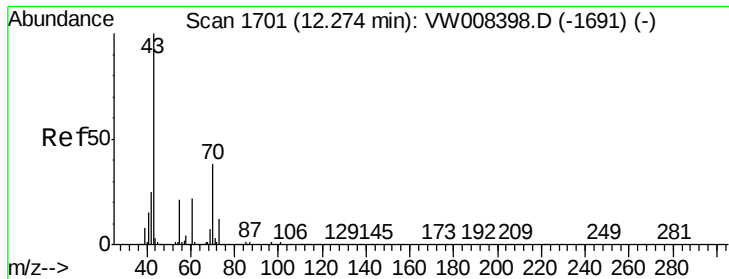
105 100

120 25.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

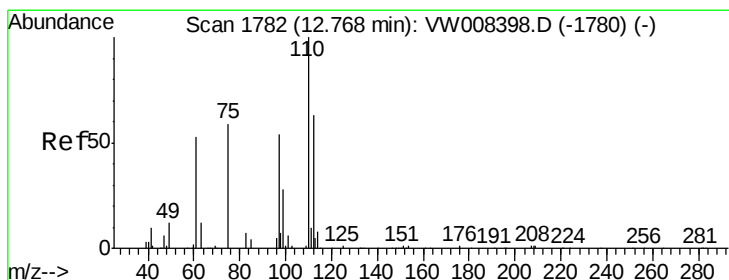
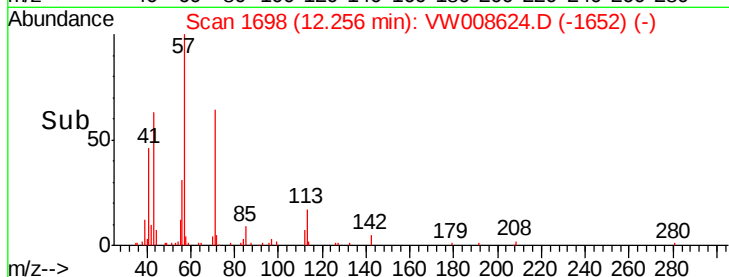
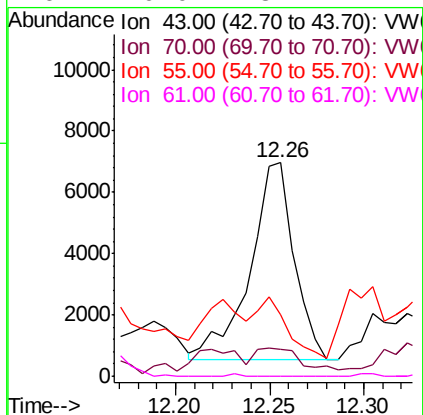
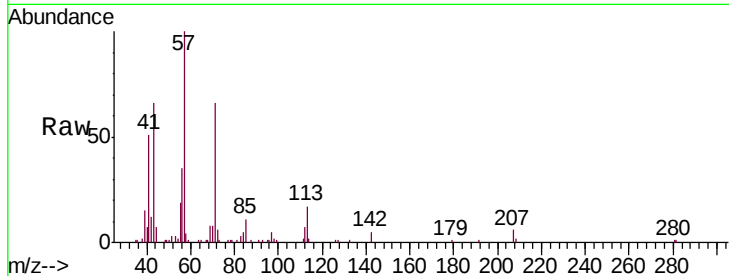




#74
N-ethyl acetate
Concen: 2.490 ug/l
RT: 12.26 min Scan# 1698
Delta R.T. -0.02 min
Lab File: VW008624.D
Acq: 12 Feb 2019 15:51

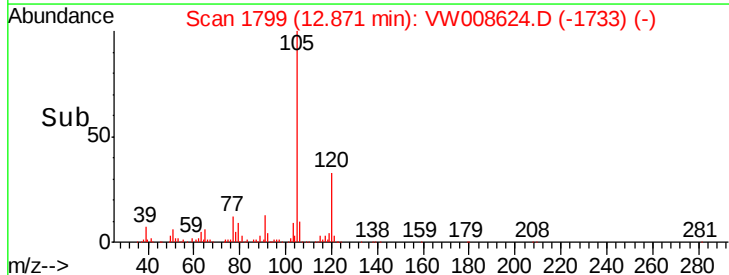
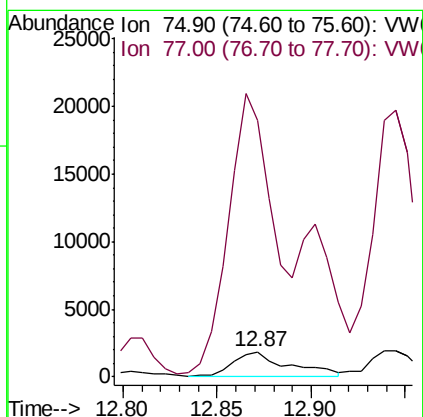
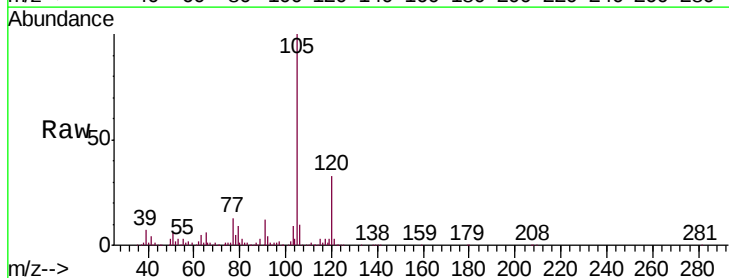
Instrument :
MSVOA_W
ClientSampled :
JC-02-021119-A

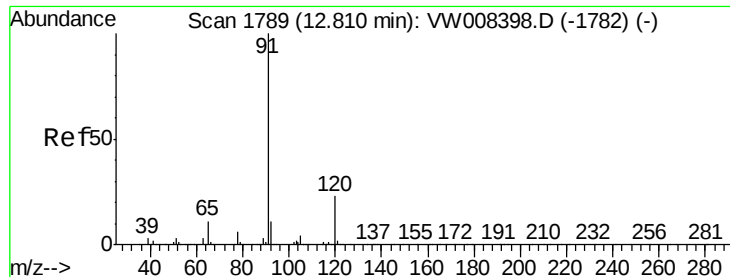
Tgt Ion: 43 Resp: 10460
Ion Ratio Lower Upper
43 100
70 10.9 31.0 46.6#
55 21.6 17.4 26.2
61 0.0 18.2 27.4#



#76
1,2,3-Trichloropropane
Concen: 2.048 ug/l
RT: 12.87 min Scan# 1799
Delta R.T. 0.10 min
Lab File: VW008624.D
Acq: 12 Feb 2019 15:51

Tgt Ion: 75 Resp: 3894
Ion Ratio Lower Upper
75 100
77 884.4 180.7 542.1#





#78

n-propylbenzene

Concen: 3.899 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008624.D

Acq: 12 Feb 2019 15:51

Instrument :

MSVOA_W

ClientSampleId :

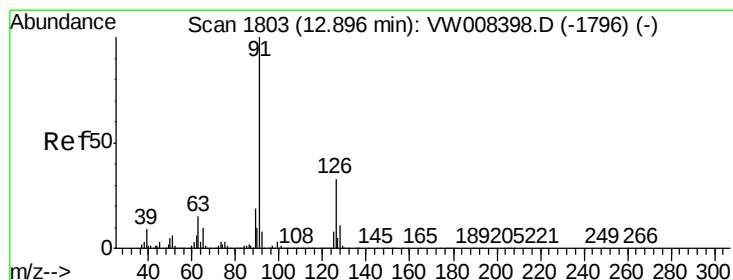
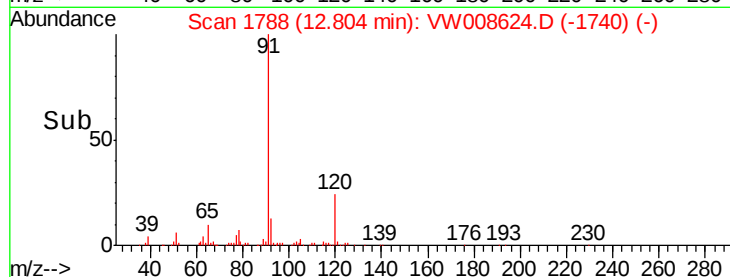
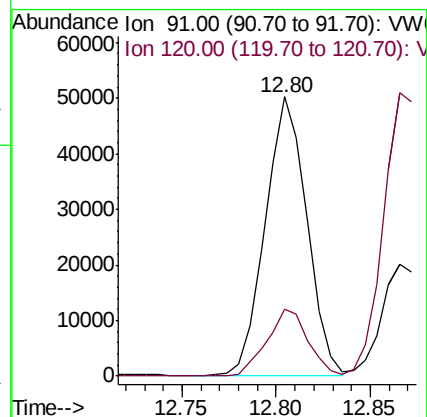
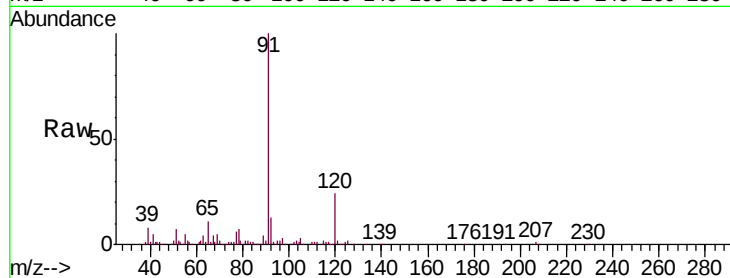
JC-02-021119-A

Tgt Ion: 91 Resp: 76340

Ion Ratio Lower Upper

91 100

120 24.1 11.4 34.1



#79

2-Chlorotoluene

Concen: 2.993 ug/l

RT: 12.87 min Scan# 1798

Delta R.T. -0.03 min

Lab File: VW008624.D

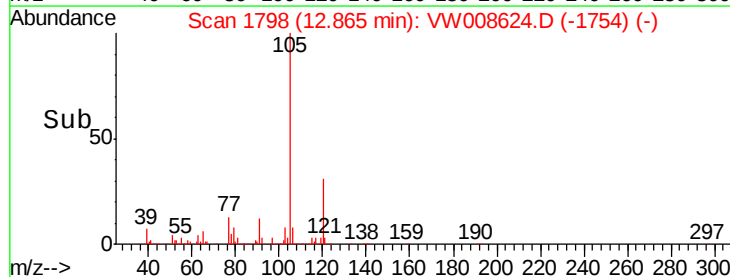
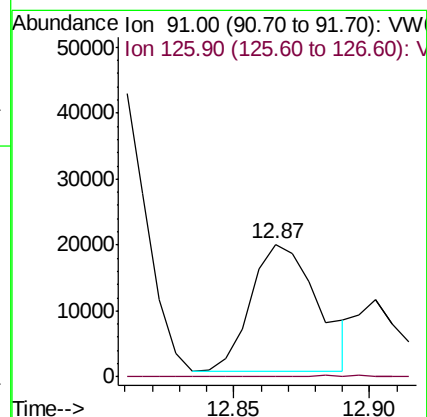
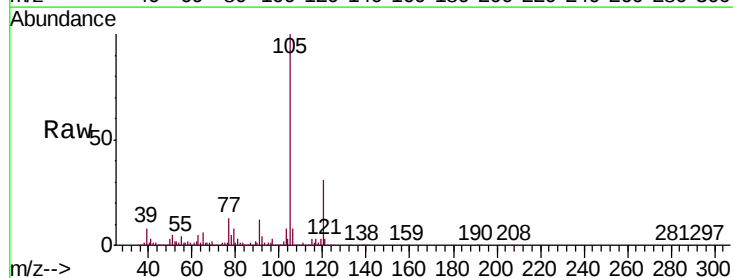
Acq: 12 Feb 2019 15:51

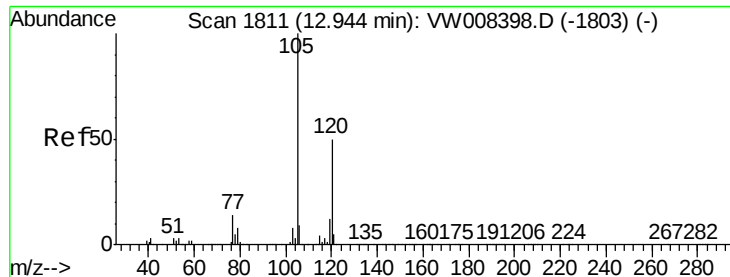
Tgt Ion: 91 Resp: 33066

Ion Ratio Lower Upper

91 100

126 1.0 16.5 49.5#





#80

1,3,5-Trimethylbenzene

Concen: 16.162 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008624.D

Acq: 12 Feb 2019 15:51

Instrument :

MSVOA_W

ClientSampleId :

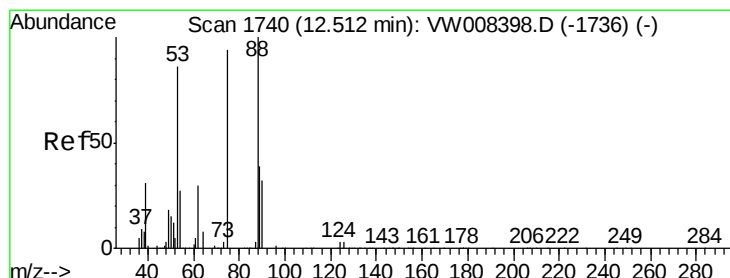
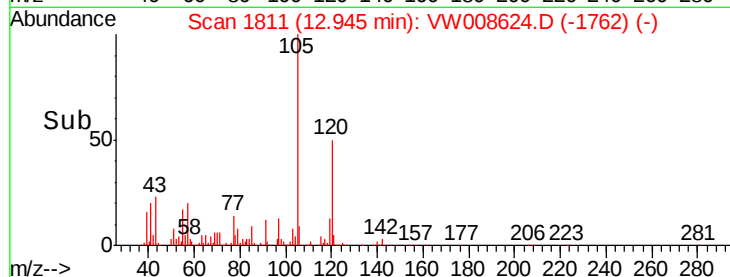
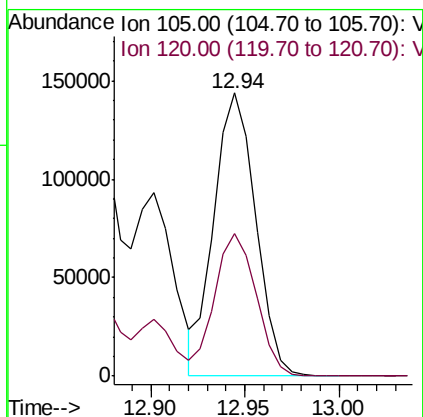
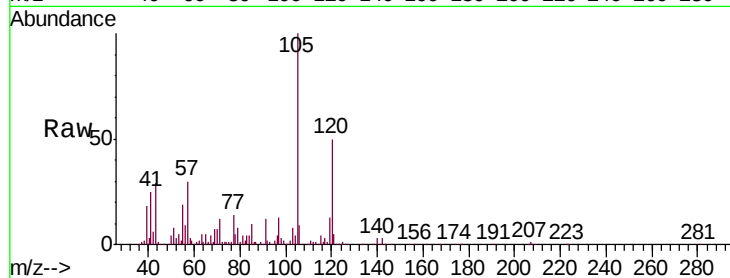
JC-02-021119-A

Tgt Ion: 105 Resp: 220233

Ion Ratio Lower Upper

105 100

120 50.3 24.6 73.8



#81

trans-1,4-Dichloro-2-butene

Concen: 132.142 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW008624.D

Acq: 12 Feb 2019 15:51

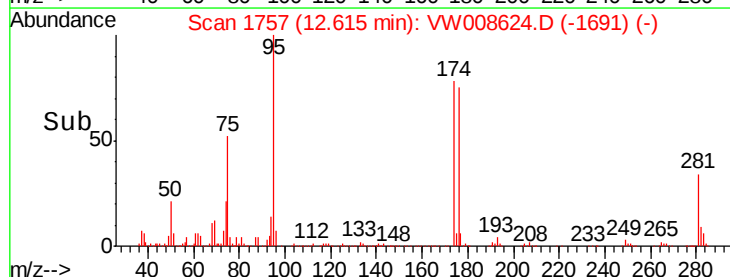
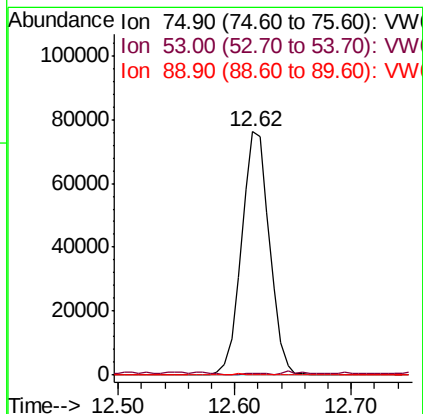
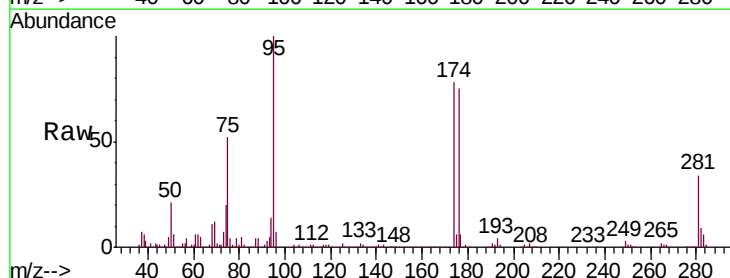
Tgt Ion: 75 Resp: 127205

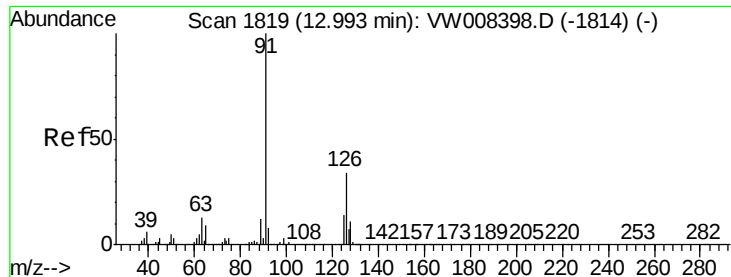
Ion Ratio Lower Upper

75 100

53 0.4 76.0 114.0#

89 0.5 35.4 53.0#

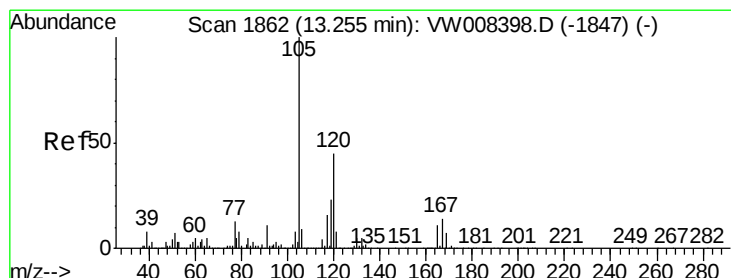
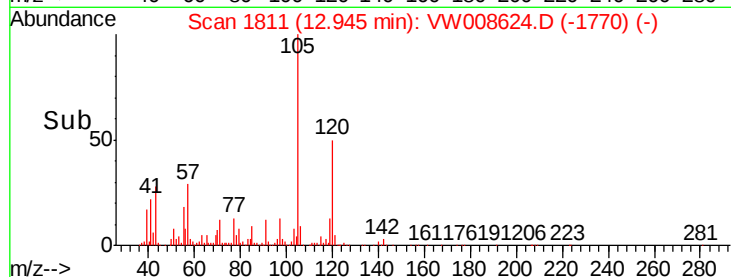
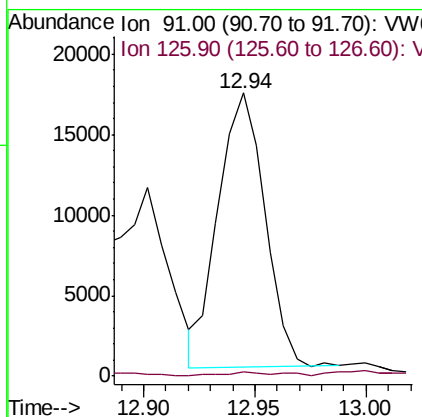
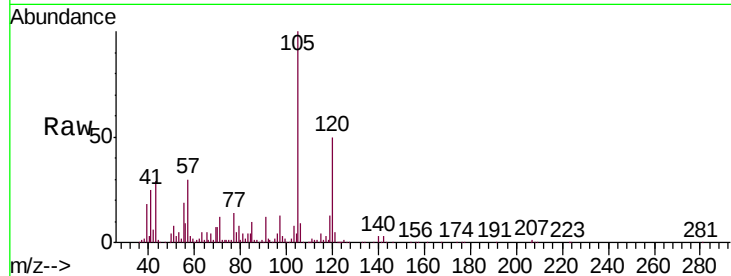




#82
4-Chlorotoluene
Concen: 2.108 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.05 min
Lab File: VW008624.D
Acq: 12 Feb 2019 15:51

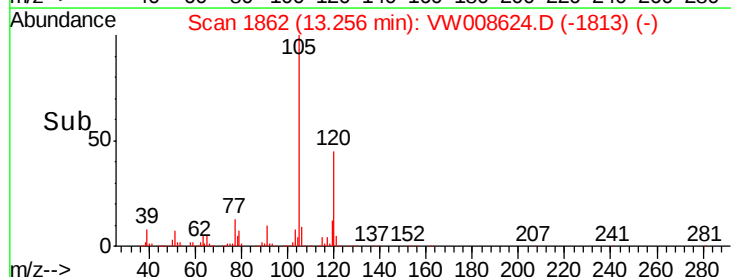
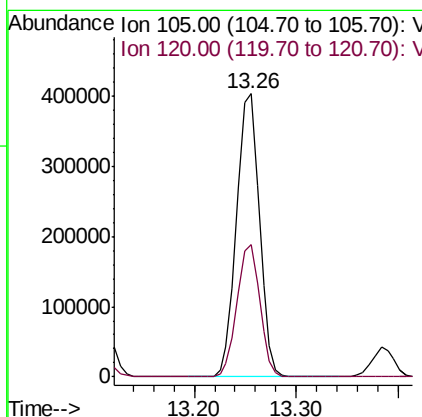
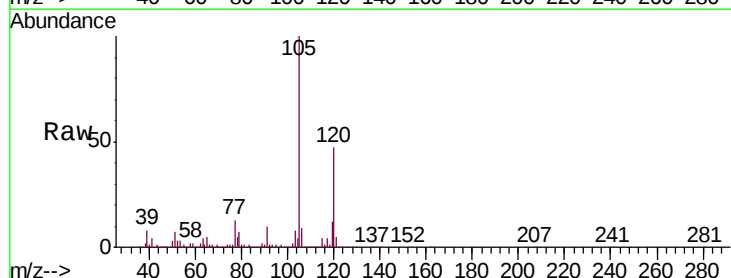
Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-A

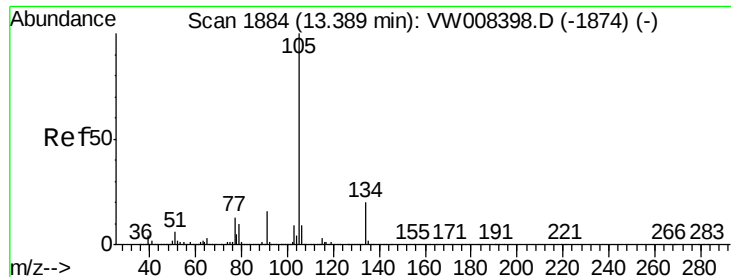
Tgt Ion: 91 Resp: 24800
Ion Ratio Lower Upper
91 100
126 1.8 16.4 49.2#



#84
1,2,4-Trimethylbenzene
Concen: 45.041 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008624.D
Acq: 12 Feb 2019 15:51

Tgt Ion: 105 Resp: 623835
Ion Ratio Lower Upper
105 100
120 46.5 23.1 69.2





#85

sec-Butylbenzene

Concen: 3.717 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VW008624.D

Acq: 12 Feb 2019 15:51

Instrument :

MSVOA_W

ClientSampleId :

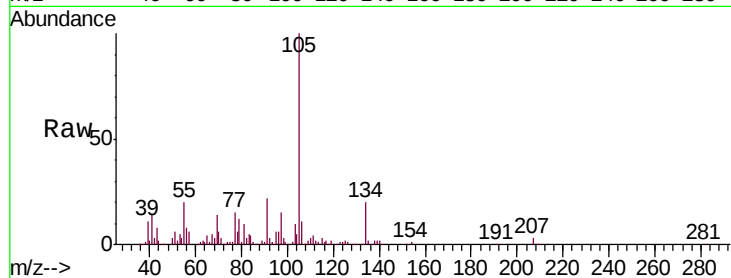
JC-02-021119-A

Tgt Ion:105 Resp: 64368

Ion Ratio Lower Upper

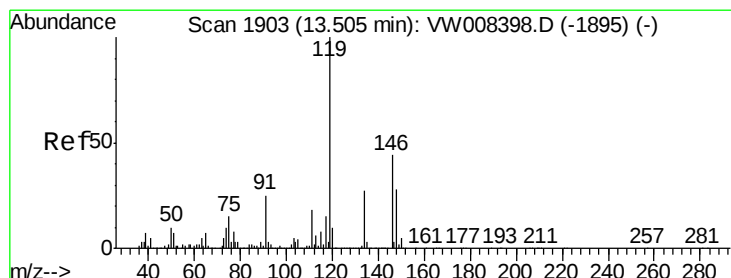
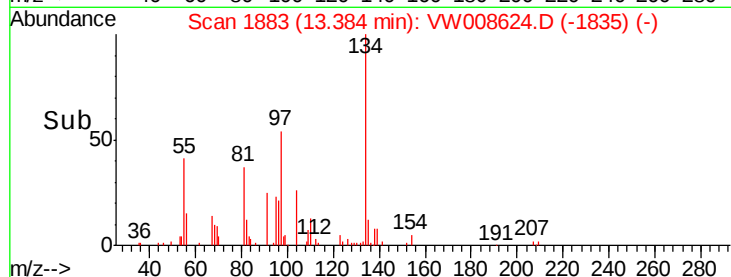
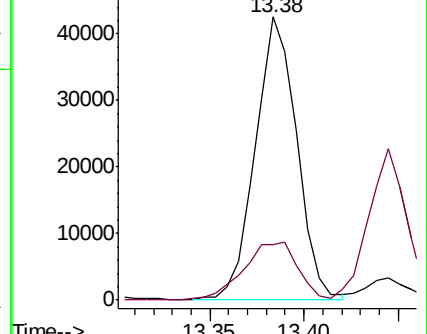
105 100

134 27.2 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.476 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008624.D

Acq: 12 Feb 2019 15:51

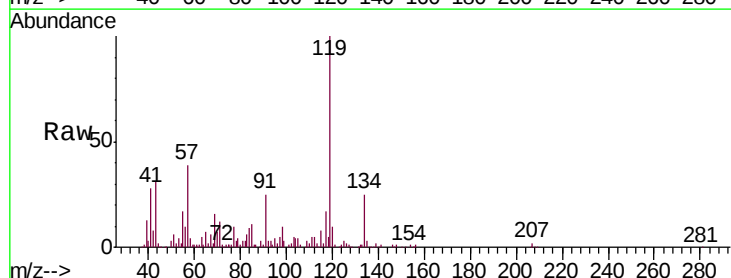
Tgt Ion:119 Resp: 67903

Ion Ratio Lower Upper

119 100

134 24.9 13.4 40.2

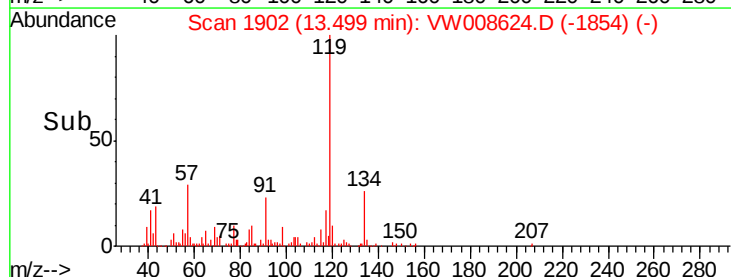
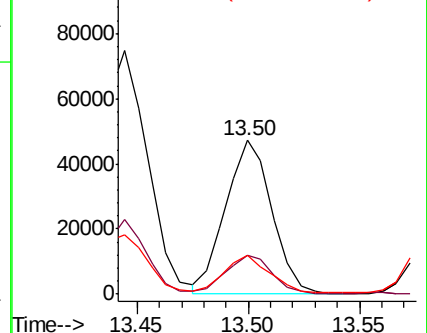
91 23.0 12.6 37.6

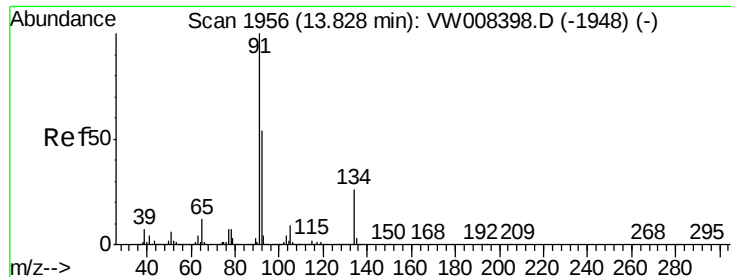


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

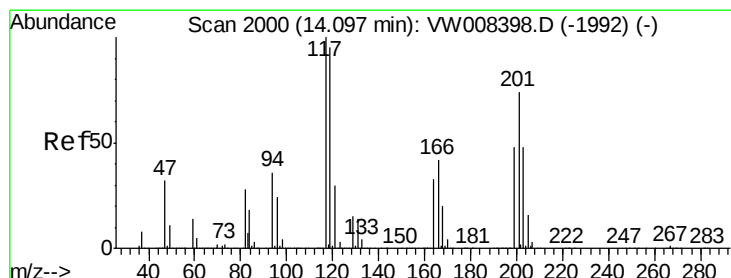
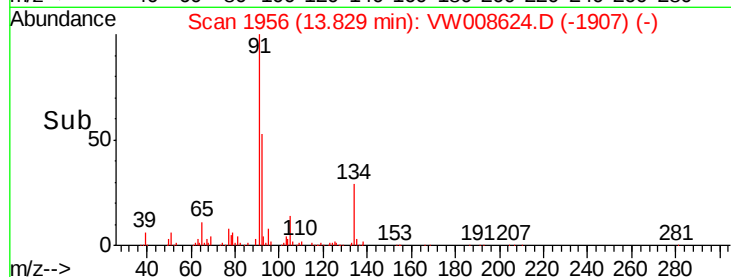
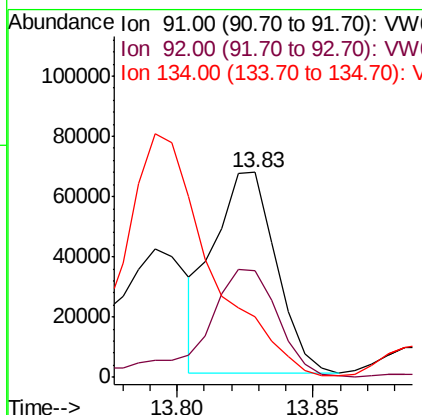
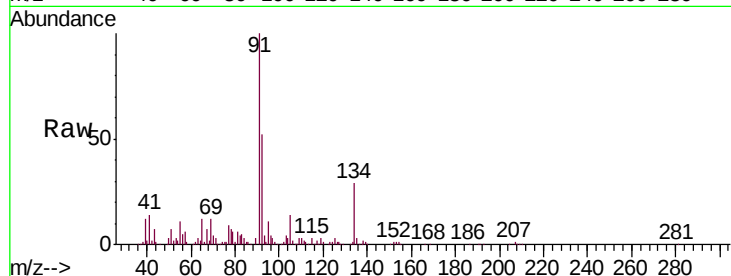




#89
n-Butylbenzene
Concen: 7.066 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008624.D
Acq: 12 Feb 2019 15:51

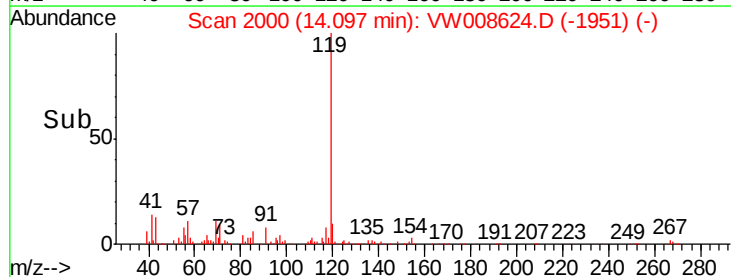
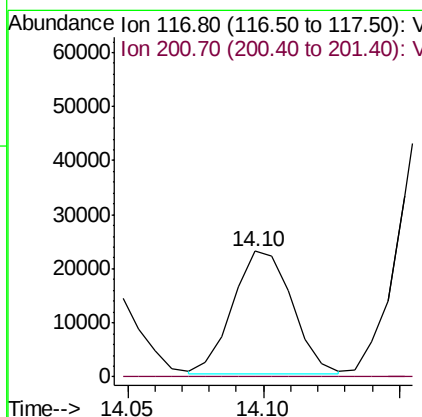
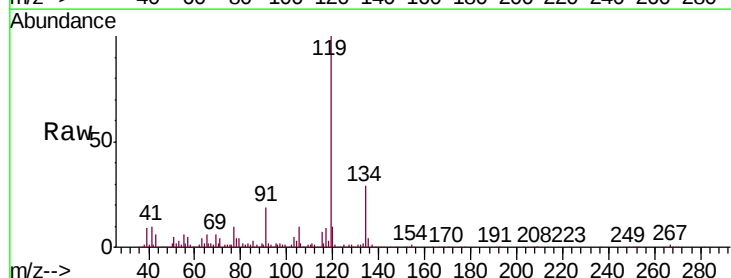
Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-A

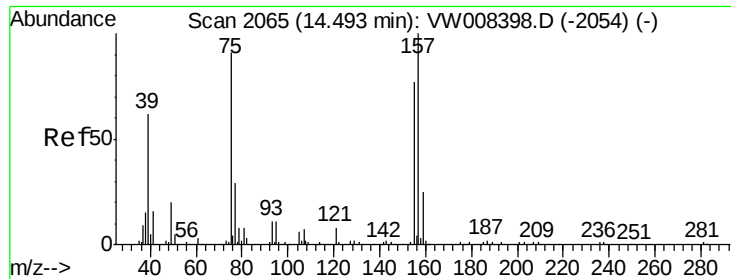
Tgt Ion: 91 Resp: 105240
Ion Ratio Lower Upper
91 100
92 61.1 27.4 82.2
134 0.0 13.0 39.0#



#90
Hexachloroethane
Concen: 11.524 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008624.D
Acq: 12 Feb 2019 15:51

Tgt Ion: 117 Resp: 34187
Ion Ratio Lower Upper
117 100
201 0.2 39.1 117.5#

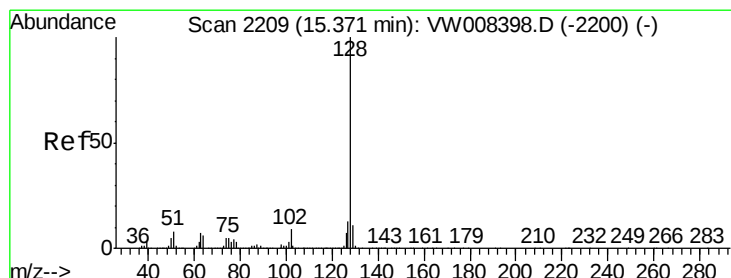
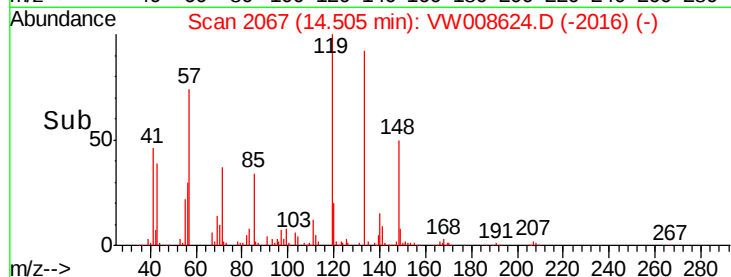
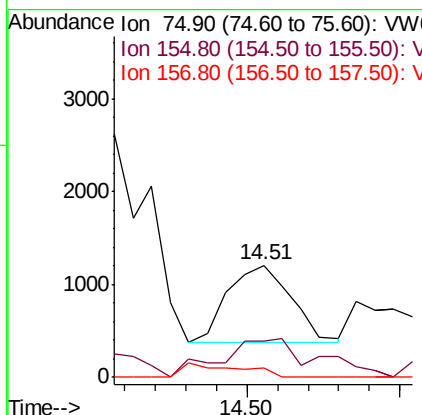
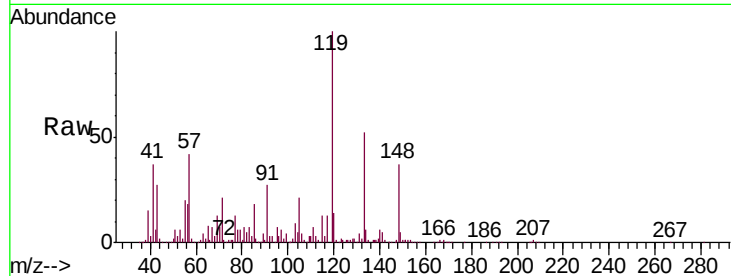




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.411 ug/l
 RT: 14.51 min Scan# 2067
 Delta R.T. 0.01 min
 Lab File: VW008624.D
 Acq: 12 Feb 2019 15:51

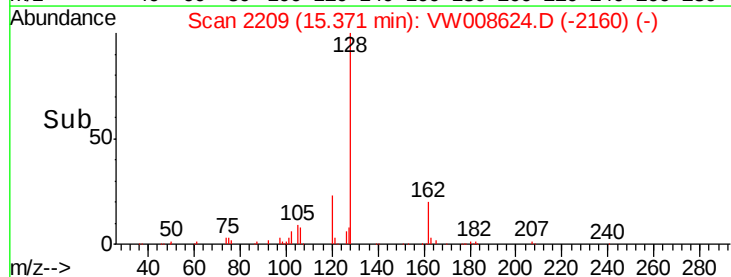
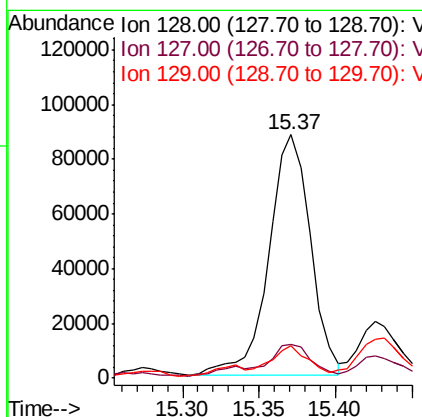
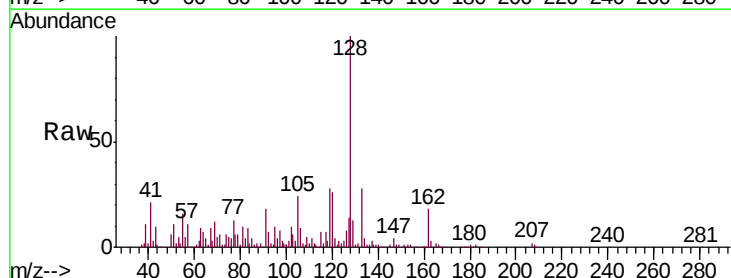
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-021119-A

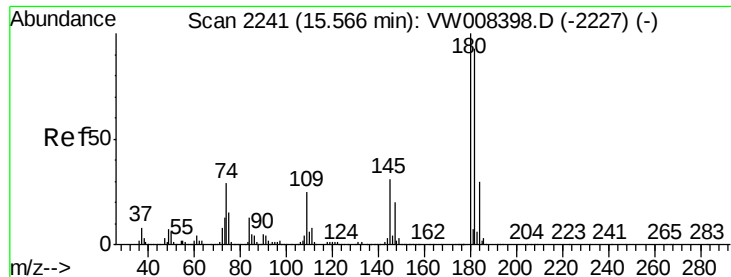
Tgt Ion: 75 Resp: 1181
 Ion Ratio Lower Upper
 75 100
 155 77.5 42.7 128.1
 157 0.0 55.5 166.3#



#95
 Naphthalene
 Concen: 20.988 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VW008624.D
 Acq: 12 Feb 2019 15:51

Tgt Ion: 128 Resp: 167316
 Ion Ratio Lower Upper
 128 100
 127 16.3 10.6 15.8#
 129 9.3 8.7 13.1

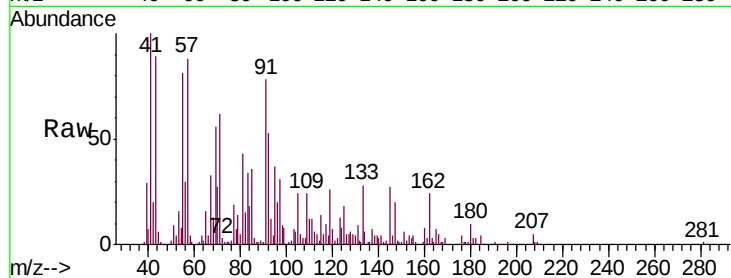




#96
 1,2,3-Trichlorobenzene
 Concen: 1.076 ug/l
 RT: 15.58 min Scan# 2244
 Delta R.T. 0.02 min
 Lab File: VW008624.D
 Acq: 12 Feb 2019 15:51

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-021119-A

Tgt Ion:180 Resp: 4143
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.0 141.2#
 145 0.0 15.9 47.6#



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

