

Data File : VW008627.D
Acq On : 12 Feb 2019 17:11
Operator : SY/VA
Sample : K1343-07RE
Misc : 7.37G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Feb 13 00:23:19 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	387181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	657371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	509536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	175120	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	237931	62.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.10%	
35) Dibromofluoromethane	7.88	113	209955	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	
50) Toluene-d8	10.32	98	725679	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
62) 4-Bromofluorobenzene	12.62	95	216165	36.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.03	85	55	3.275	ug/l #	41
7) Trichlorofluoromethane	3.25	101	782	4.927	ug/l #	58
11) Tert butyl alcohol	5.18	59	1936	6.322	ug/l #	90
13) Acrolein	3.90	56	488	5.961	ug/l #	68
16) Acetone	4.12	43	49303	57.720	ug/l	100
20) Methylene Chloride	4.90	84	16357	4.155	ug/l	91
25) 2-Butanone	7.16	43	7656	6.453	ug/l #	67
26) 2,2-Dichloropropane	7.13	77	7867	1.612	ug/l #	55
29) Tetrahydrofuran	7.52	42	4343	5.776	ug/l	94
31) Cyclohexane	7.94	56	10239	1.372	ug/l #	9
36) 1,1-Dichloropropene	7.95	75	30058	4.841	ug/l #	50
38) Carbon Tetrachloride	7.95	117	36718	5.876	ug/l #	16
51) 4-Methyl-2-Pentanone	10.21	43	6778	2.404	ug/l	98
52) Toluene	10.38	92	24517	2.155	ug/l	94
67) Ethyl Benzene	11.73	91	24382	1.275	ug/l	93
68) m/p-Xylenes	11.84	106	47028	6.339	ug/l	97
69) o-Xylene	12.17	106	36434	5.169	ug/l	95
73) Isopropylbenzene	12.47	105	23889	1.830	ug/l	96
74) N-amyl acetate	12.25	43	9461	2.813	ug/l #	51
76) 1,2,3-Trichloropropane	12.62	75	114495	75.200	ug/l #	1
77) Bromobenzene	12.90	156	6878	2.412	ug/l #	1
78) n-propylbenzene	12.80	91	94810	6.046	ug/l	99
79) 2-Chlorotoluene	12.87	91	33069	3.737	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.94	105	152050	13.934	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	114495	148.525	ug/l #	12
82) 4-Chlorotoluene	12.94	91	18615	1.976	ug/l #	49
83) tert-Butylbenzene	13.25	119	92096	9.484	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.26	105	723720	65.250	ug/l	98
85) sec-Butylbenzene	13.38	105	73087	5.270	ug/l	85
86) p-Isopropyltoluene	13.50	119	58221	4.793	ug/l	100
89) n-Butylbenzene	13.83	91	158307	13.273	ug/l #	81
90) Hexachloroethane	14.10	117	44138	18.580	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.51	75	1524	3.886	ug/l #	40
95) Naphthalene	15.37	128	257411	40.321	ug/l #	95

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

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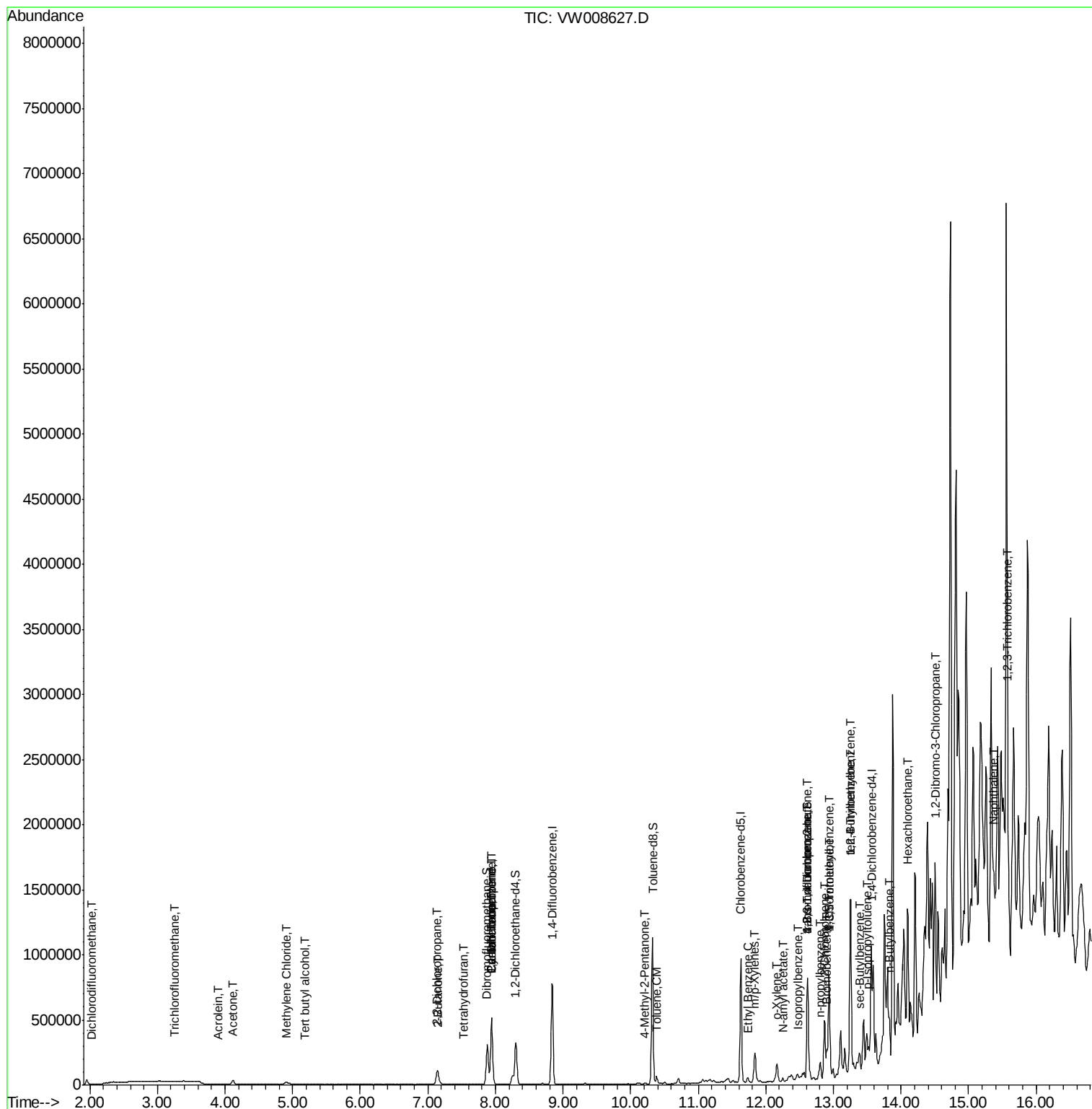
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.58	180	16651	5.399	ug/l #	27

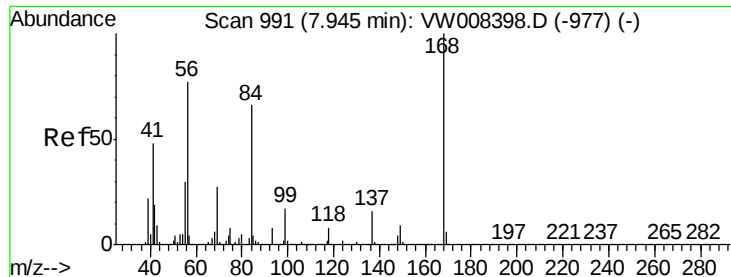
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008627.D

Acq: 12 Feb 2019 17:11

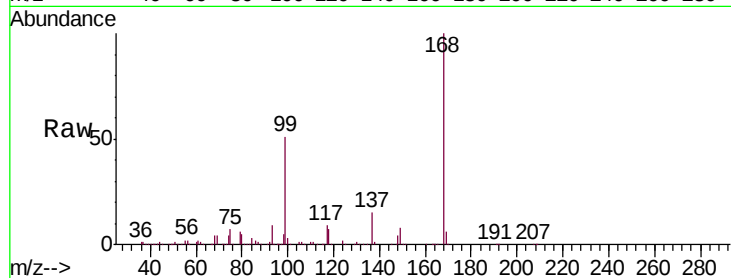
Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-DRE

Tgt Ion: 168 Resp: 387181

Ion Ratio Lower Upper

168 100

99 51.4 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

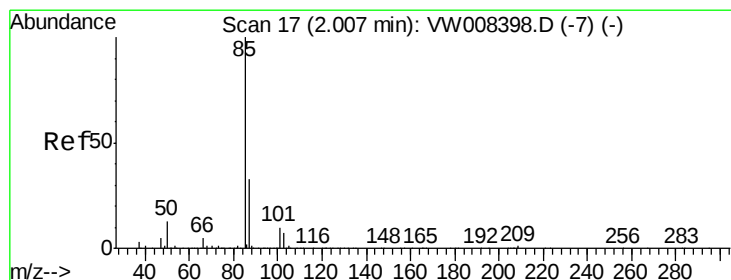
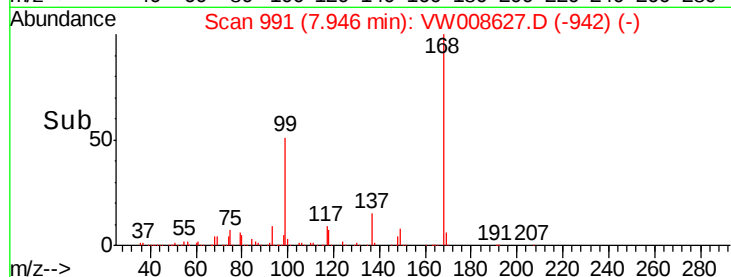
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 3.275 ug/l

RT: 2.03 min Scan# 21

Delta R.T. 0.02 min

Lab File: VW008627.D

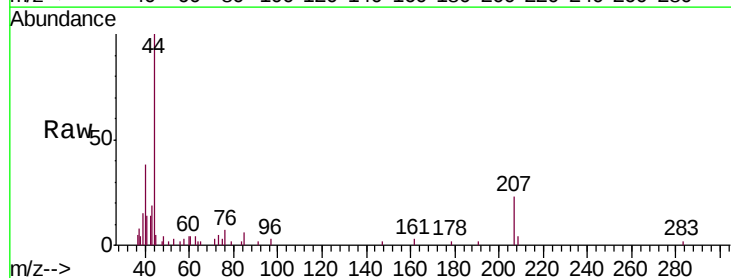
Acq: 12 Feb 2019 17:11

Tgt Ion: 85 Resp: 55

Ion Ratio Lower Upper

85 100

87 0.0 16.7 50.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.03

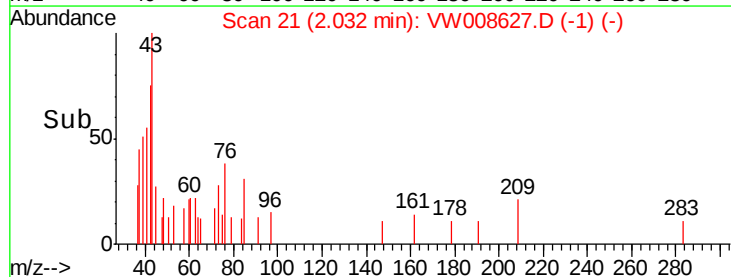
150

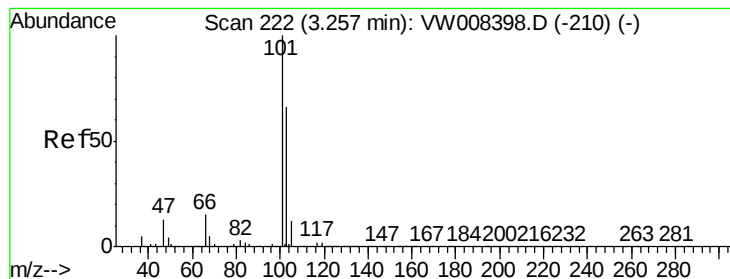
100

50

0

Time--> 2.01 2.02 2.03 2.04 2.05



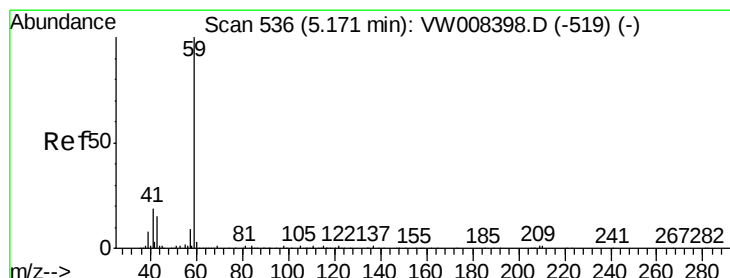
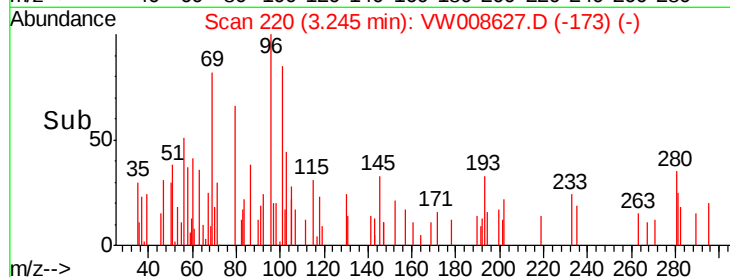
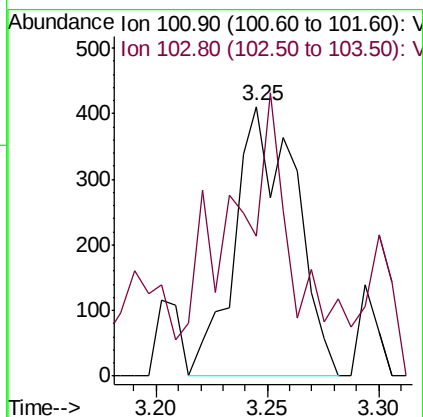
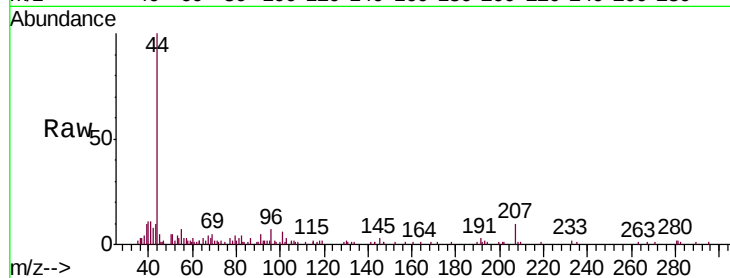


#7

Trichlorofluoromethane
 Concen: 4.927 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW008627.D
 Acq: 12 Feb 2019 17:11

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

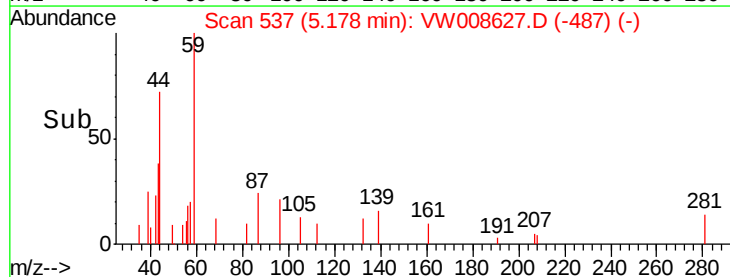
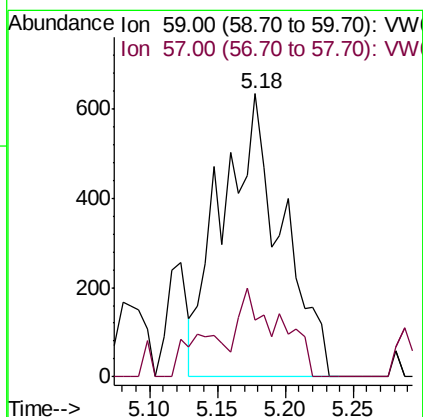
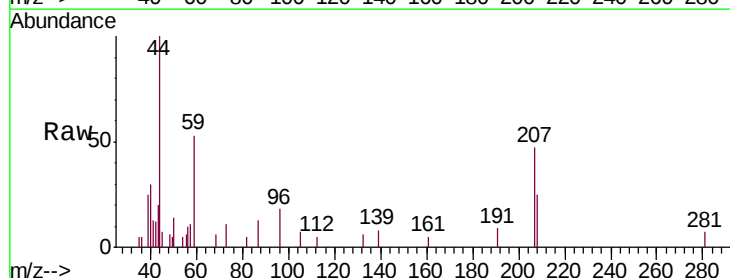
Tgt Ion: 101 Resp: 782
 Ion Ratio Lower Upper
 101 100
 103 32.1 52.5 78.7#

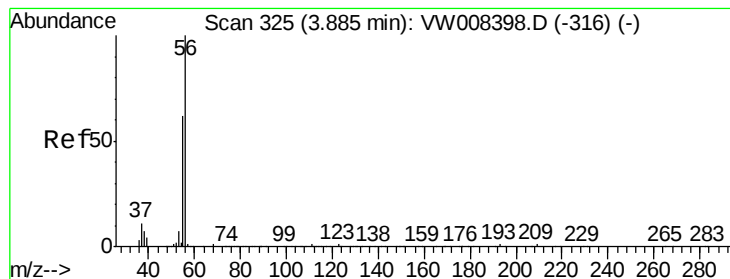


#11

Tert butyl alcohol
 Concen: 6.322 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW008627.D
 Acq: 12 Feb 2019 17:11

Tgt Ion: 59 Resp: 1936
 Ion Ratio Lower Upper
 59 100
 57 7.7 9.3 13.9#





#13

Acrolein

Concen: 5.961 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW008627.D

Acq: 12 Feb 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

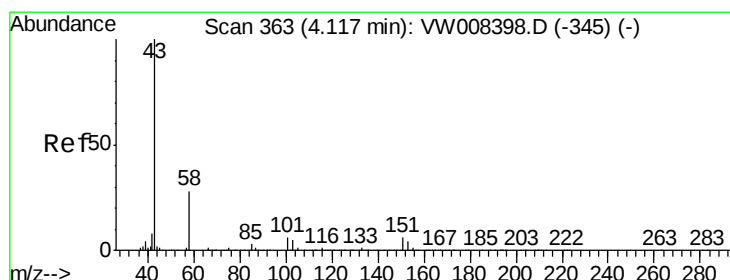
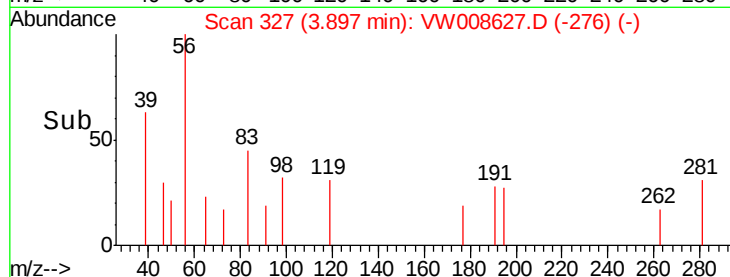
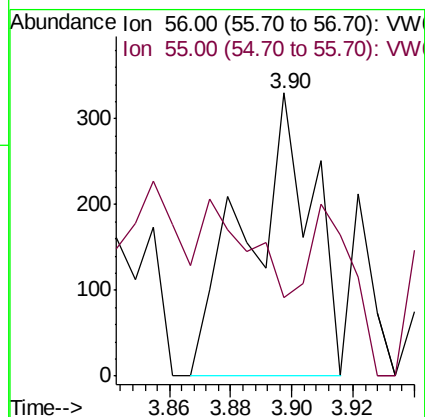
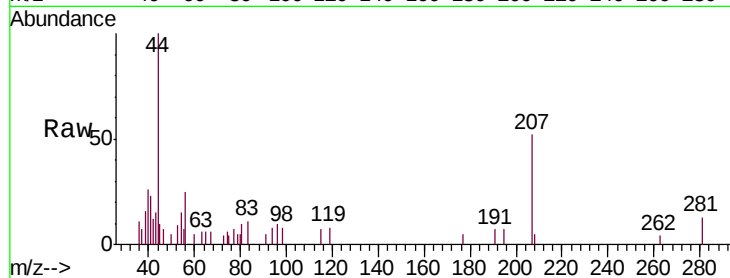
JC-02-021119-DRE

Tgt Ion: 56 Resp: 488

Ion Ratio Lower Upper

56 100

55 44.1 56.7 85.1#



#16

Acetone

Concen: 57.720 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008627.D

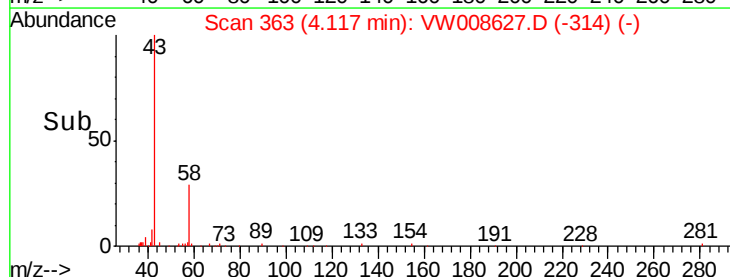
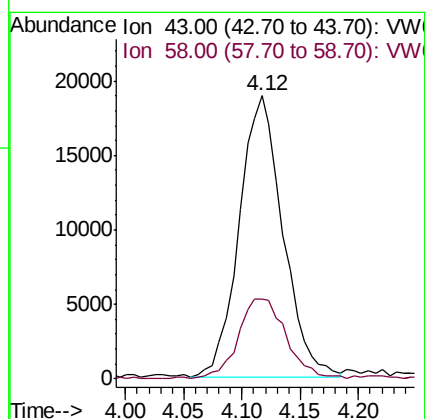
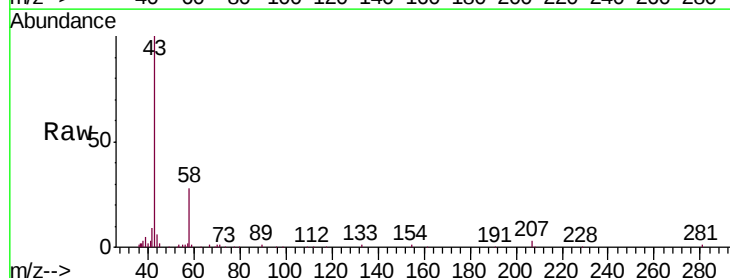
Acq: 12 Feb 2019 17:11

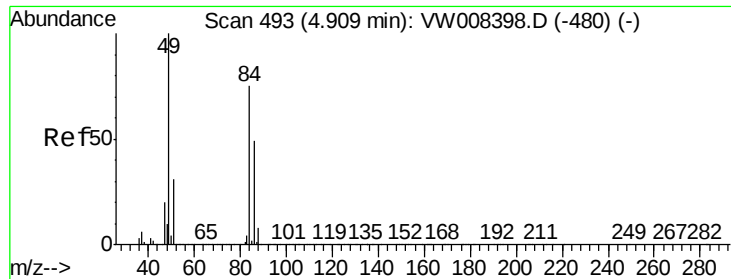
Tgt Ion: 43 Resp: 49303

Ion Ratio Lower Upper

43 100

58 28.6 22.6 34.0

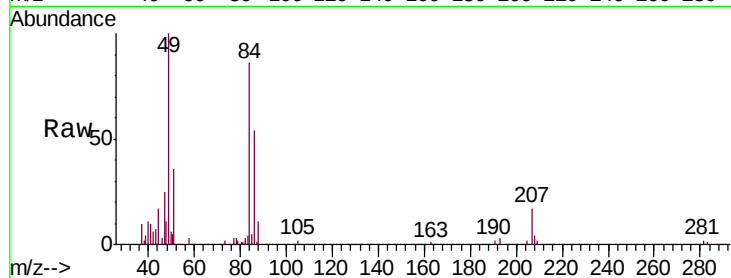




#20
Methylene Chloride
Concen: 4.155 ug/l
RT: 4.90 min Scan# 491
Delta R.T. -0.01 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

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

Tgt Ion:	84	Resp:	16357
Ion	Ratio	Lower	Upper
84	100		
49	115.9	106.8	160.2
51	41.2	32.9	49.3
86	62.8	52.2	78.2



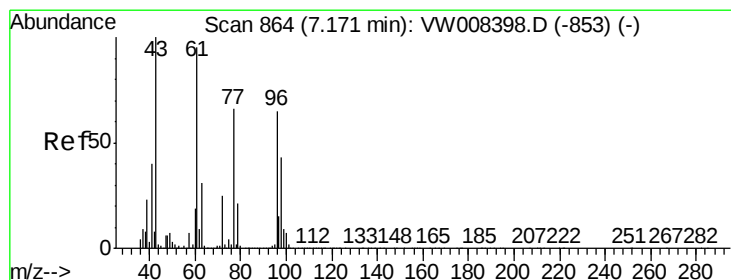
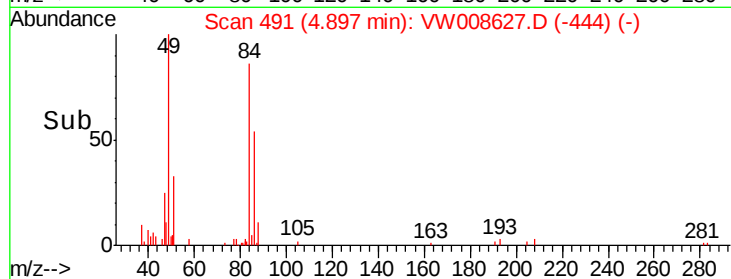
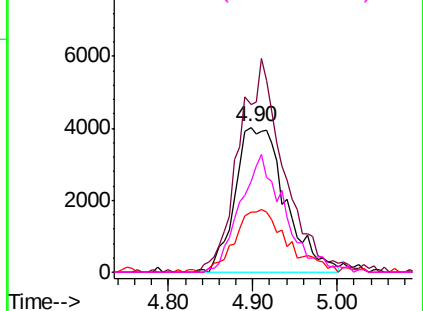
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

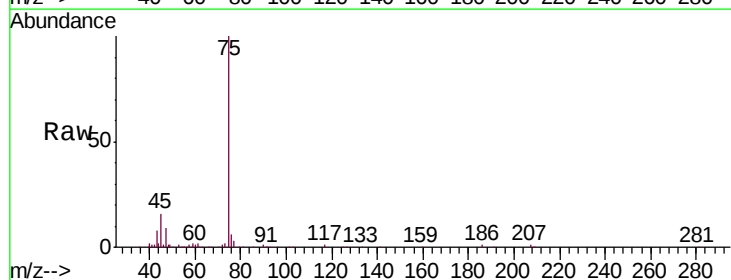
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25
2-Butanone
Concen: 6.453 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

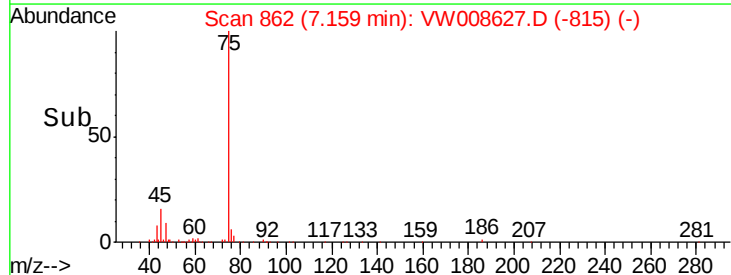
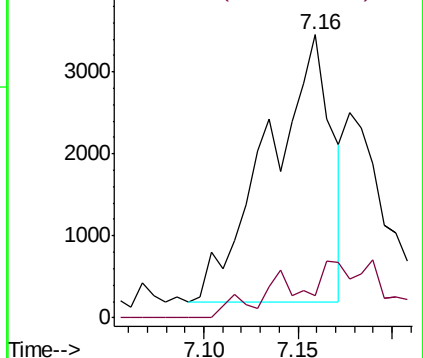
Tgt Ion:	43	Resp:	7656
Ion	Ratio	Lower	Upper
43	100		
72	8.5	20.1	30.1#

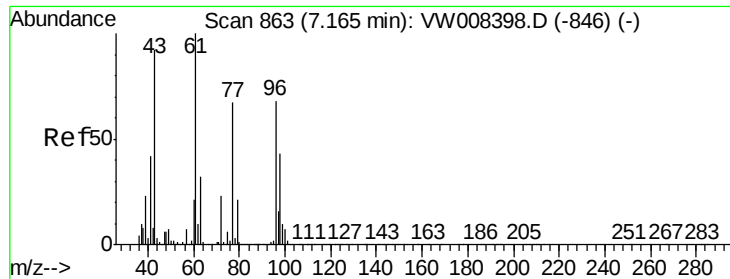


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

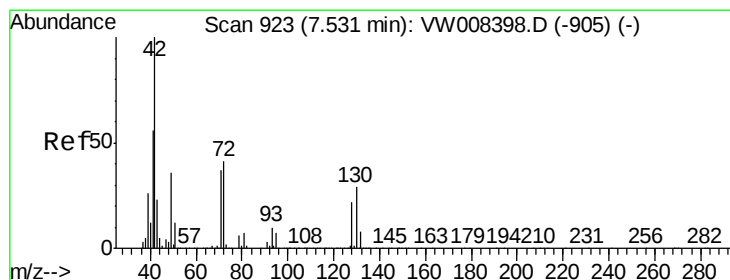
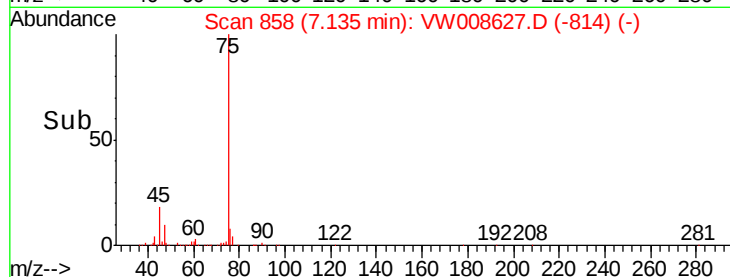
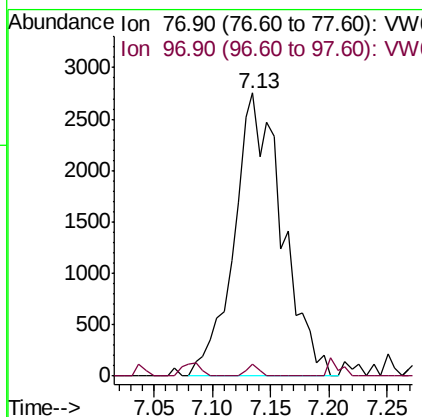
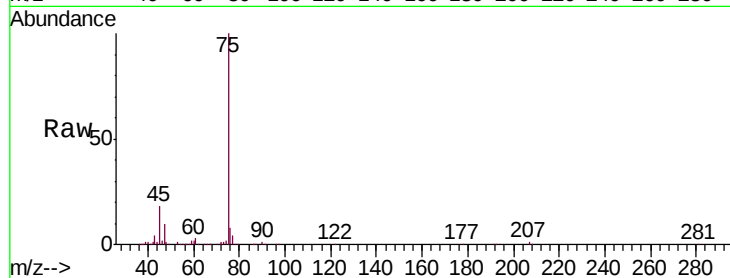




#26
 2,2-Dichloropropane
 Concen: 1.612 ug/l
 RT: 7.13 min Scan# 858
 Delta R.T. -0.03 min
 Lab File: VW008627.D
 Acq: 12 Feb 2019 17:11

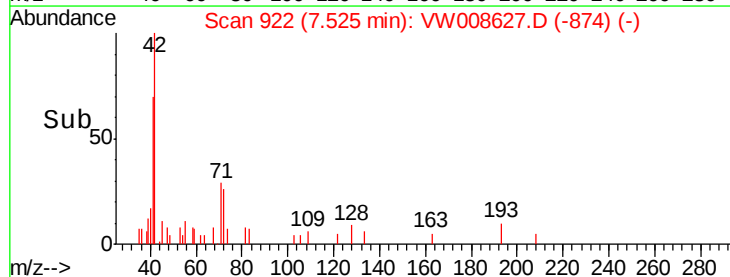
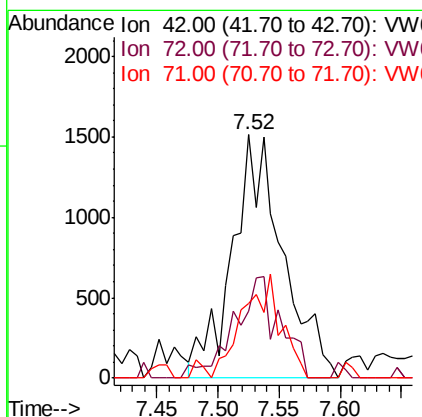
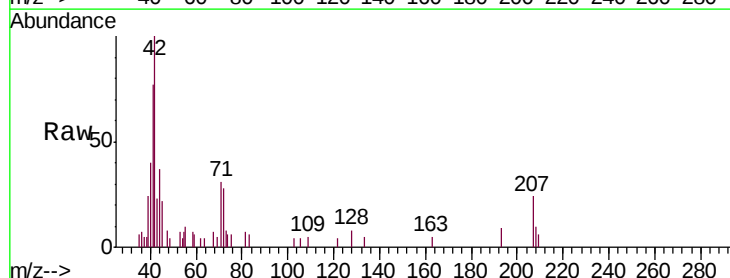
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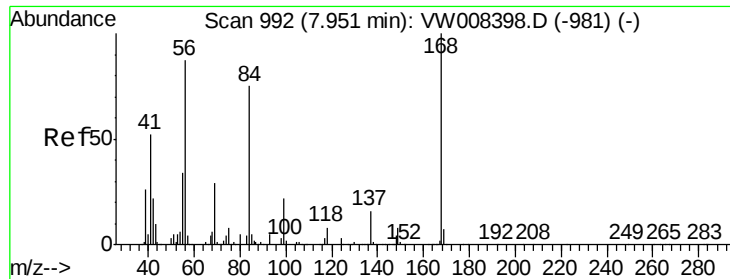
Tgt Ion: 77 Resp: 7867
 Ion Ratio Lower Upper
 77 100
 97 1.0 11.5 34.5#



#29
 Tetrahydrofuran
 Concen: 5.776 ug/l
 RT: 7.52 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VW008627.D
 Acq: 12 Feb 2019 17:11

Tgt Ion: 42 Resp: 4343
 Ion Ratio Lower Upper
 42 100
 72 37.9 31.9 47.9
 71 32.1 29.9 44.9

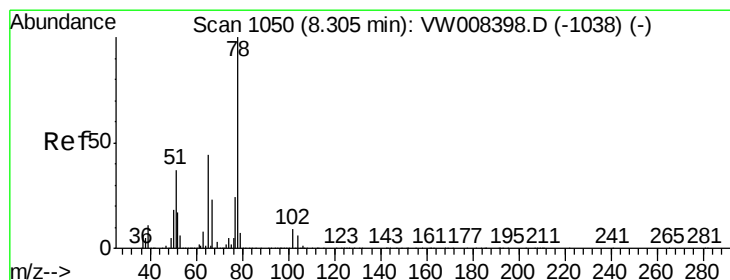
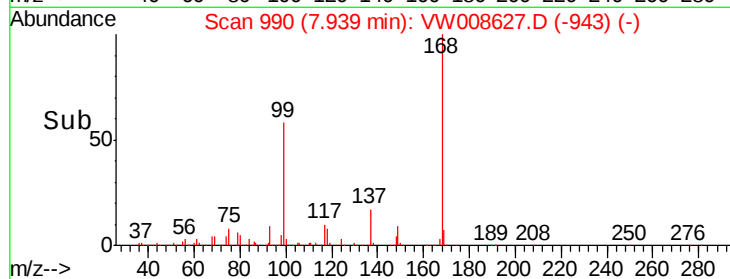
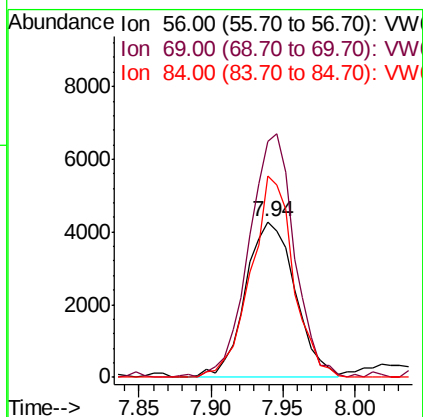
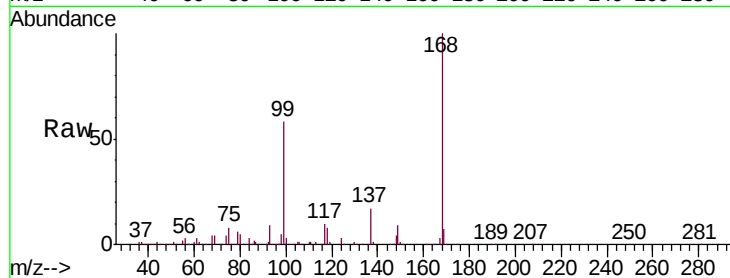




#31
Cyclohexane
Concen: 1.372 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

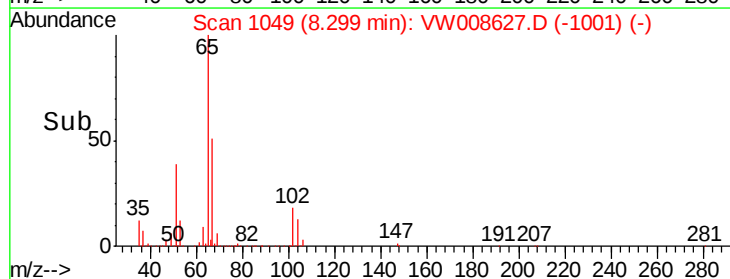
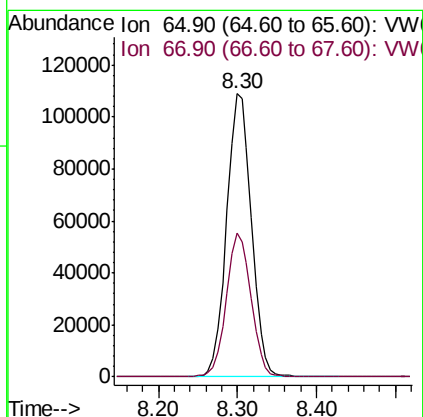
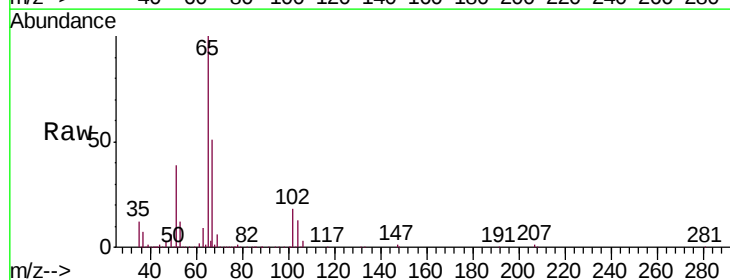
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MSVOA_W
ClientSampleId :
JC-02-021119-DRE

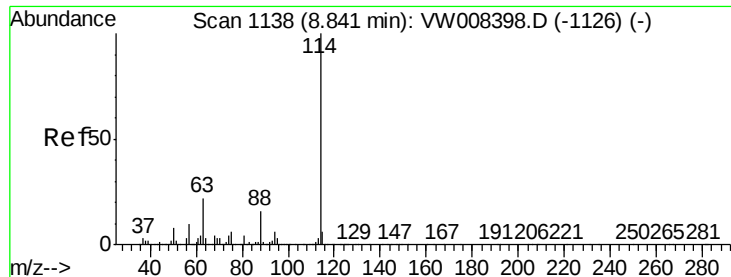
Tgt Ion: 56 Resp: 10239
Ion Ratio Lower Upper
56 100
69 150.0 26.4 39.6#
84 129.7 69.1 103.7#



#33
1,2-Dichloroethane-d4
Concen: 62.553 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

Tgt Ion: 65 Resp: 237931
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.0

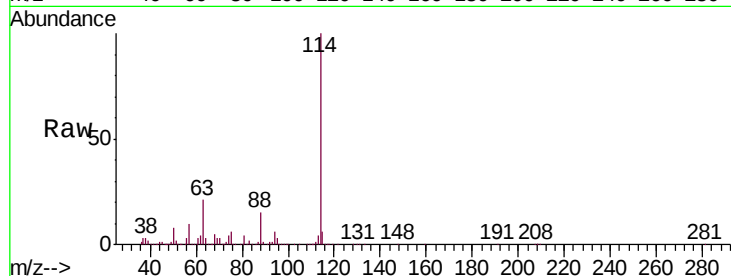




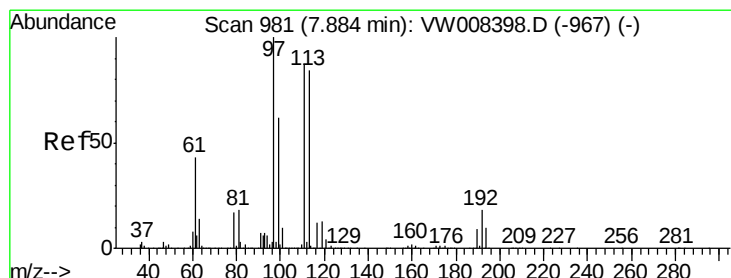
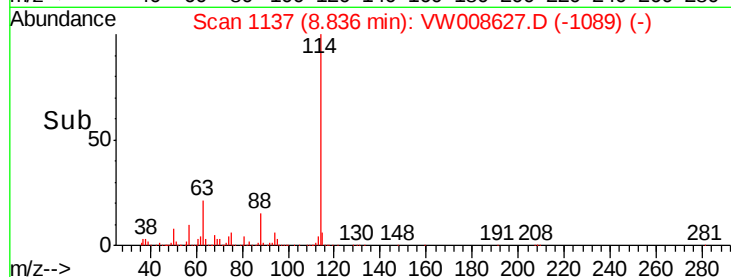
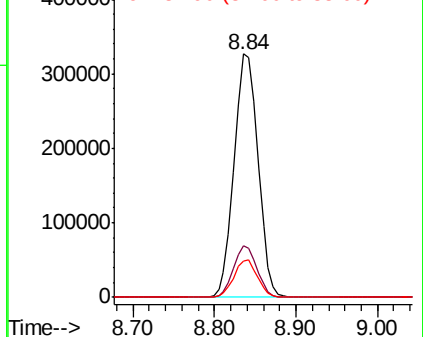
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1137
Delta R.T. -0.01 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

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

Tgt Ion:114 Resp: 657371
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.6
88 15.0 0.0 31.8

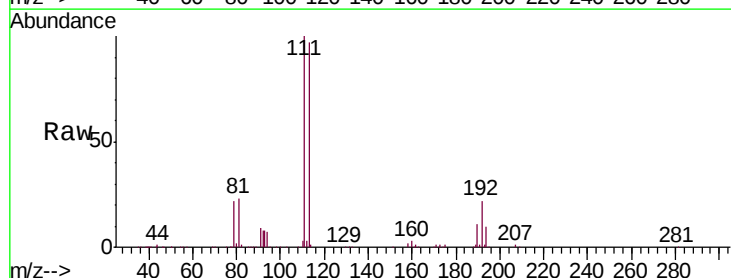


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

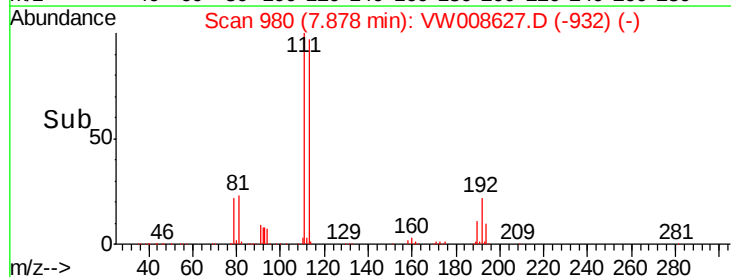
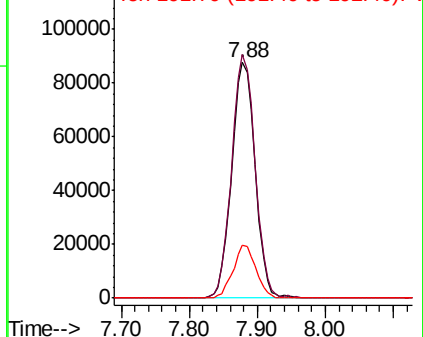


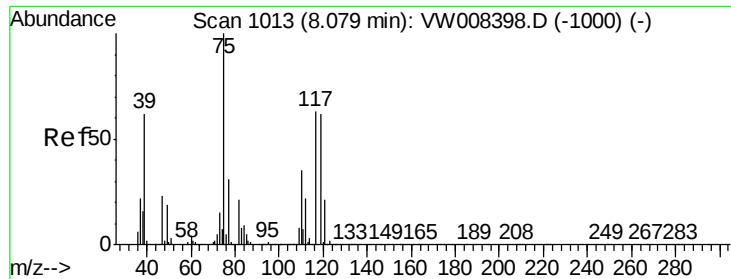
#35
Dibromofluoromethane
Concen: 54.621 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

Tgt Ion:113 Resp: 209955
Ion Ratio Lower Upper
113 100
111 103.4 81.0 121.4
192 21.9 16.8 25.2



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

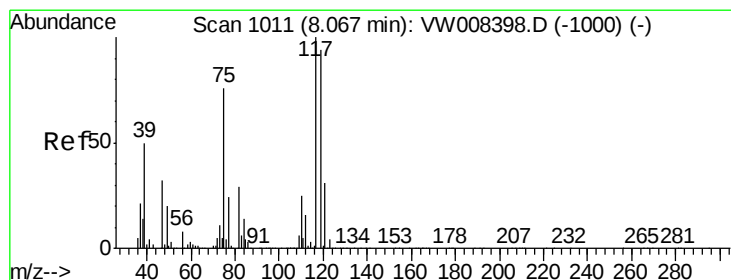
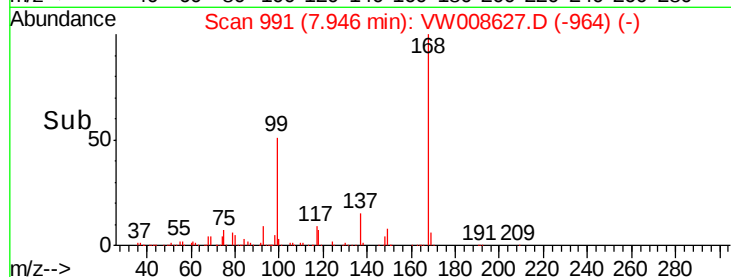
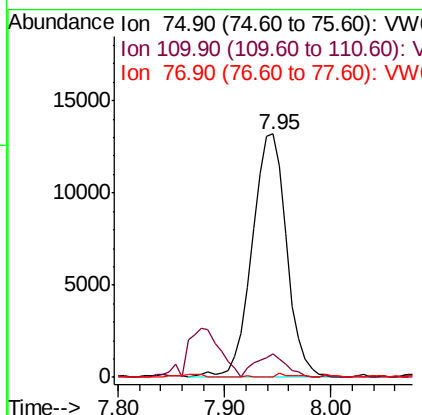
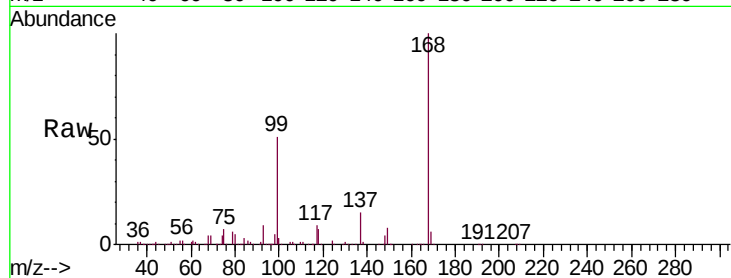




#36
 1,1-Dichloropropene
 Concen: 4.841 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008627.D
 Acq: 12 Feb 2019 17:11

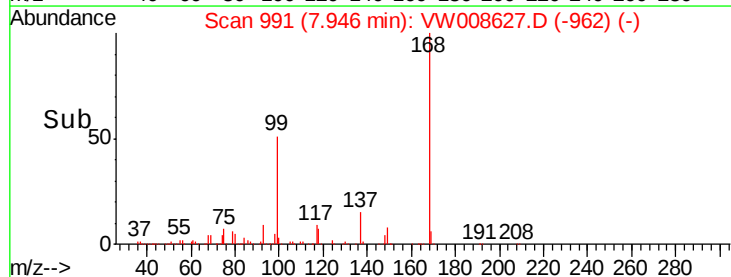
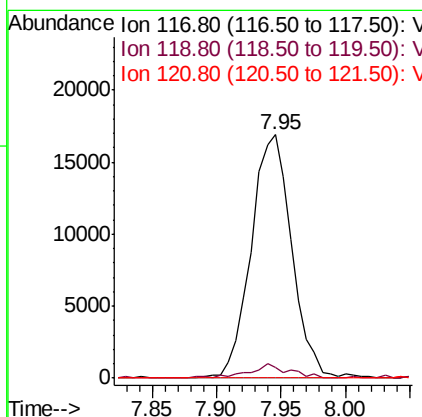
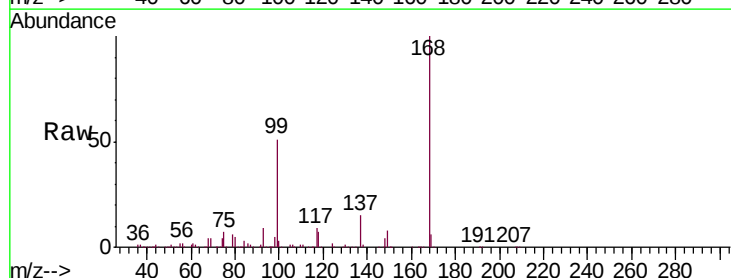
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-021119-DRE

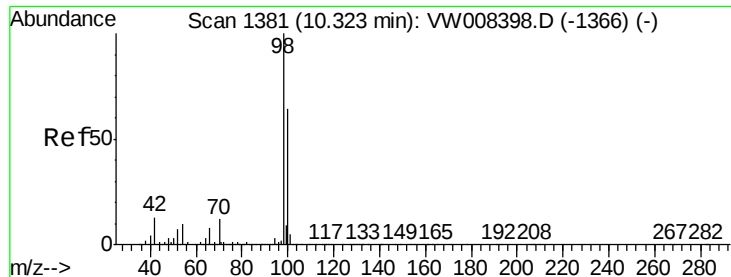
Tgt Ion: 75 Resp: 30058
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.3 52.0#
 77 0.7 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.876 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW008627.D
 Acq: 12 Feb 2019 17:11

Tgt Ion: 117 Resp: 36718
 Ion Ratio Lower Upper
 117 100
 119 4.6 75.0 112.4#
 121 0.0 24.9 37.3#





#50

Toluene-d8

Concen: 47.079 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008627.D

Acq: 12 Feb 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

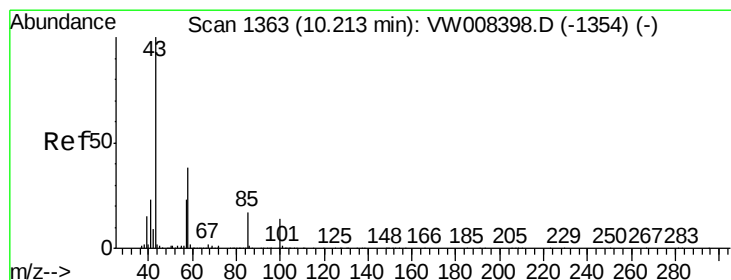
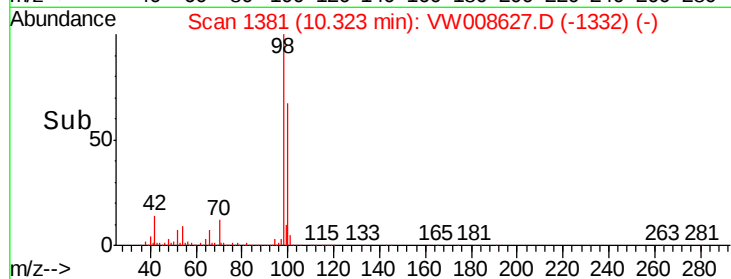
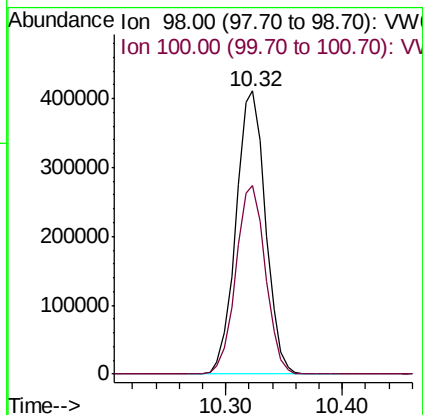
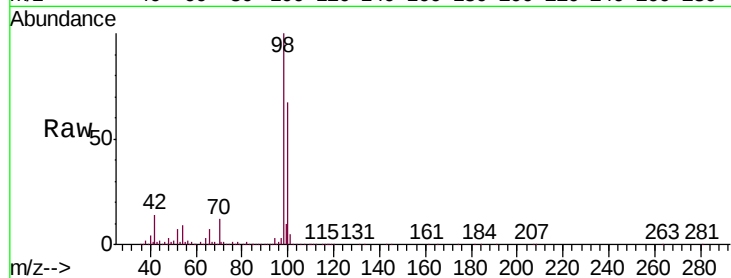
JC-02-021119-DRE

Tgt Ion: 98 Resp: 725679

Ion Ratio Lower Upper

98 100

100 66.7 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 2.404 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW008627.D

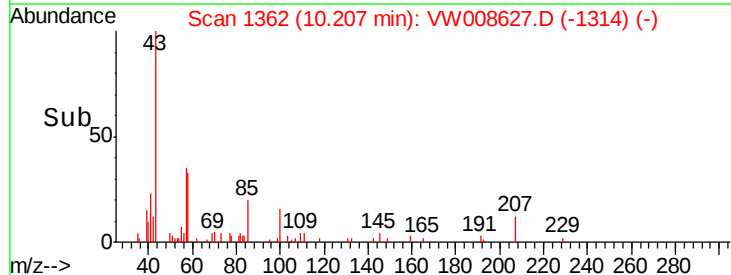
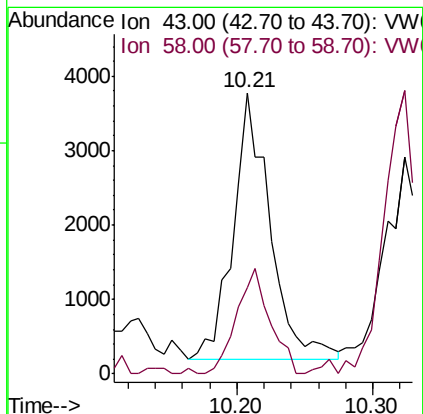
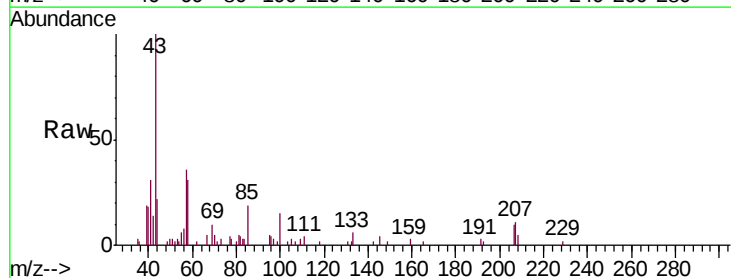
Acq: 12 Feb 2019 17:11

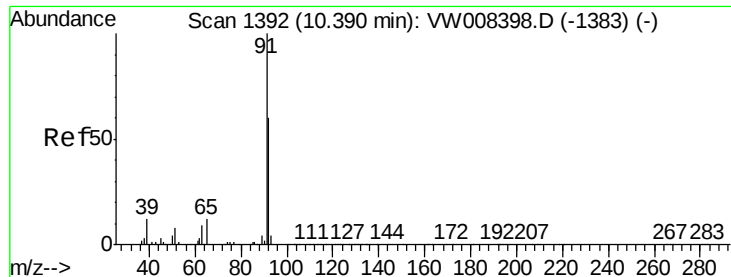
Tgt Ion: 43 Resp: 6778

Ion Ratio Lower Upper

43 100

58 35.9 29.7 44.5





#52

Toluene

Concen: 2.155 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008627.D

Acq: 12 Feb 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

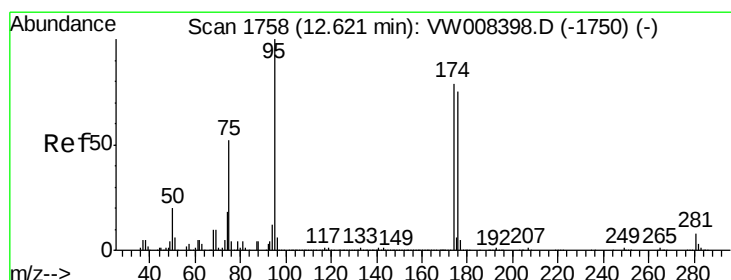
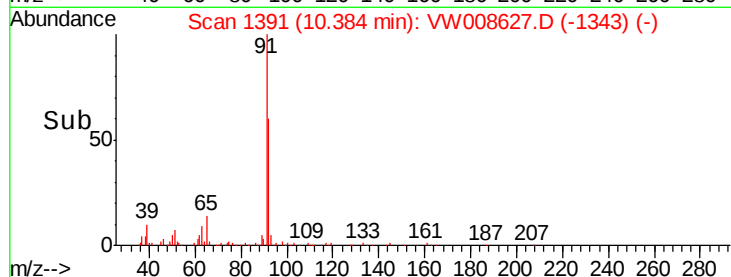
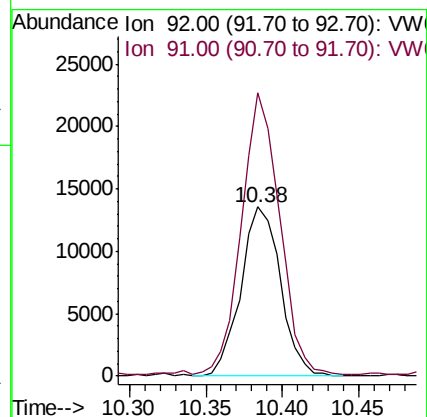
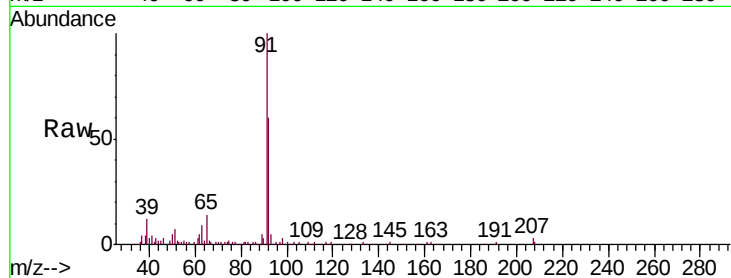
JC-02-021119-DRE

Tgt Ion: 92 Resp: 24517

Ion Ratio Lower Upper

92 100

91 160.6 135.5 203.3



#62

4-Bromofluorobenzene

Concen: 36.484 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008627.D

Acq: 12 Feb 2019 17:11

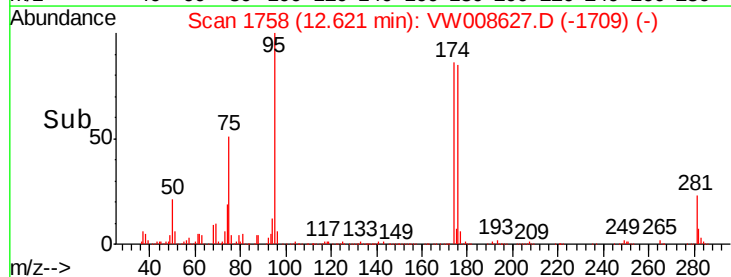
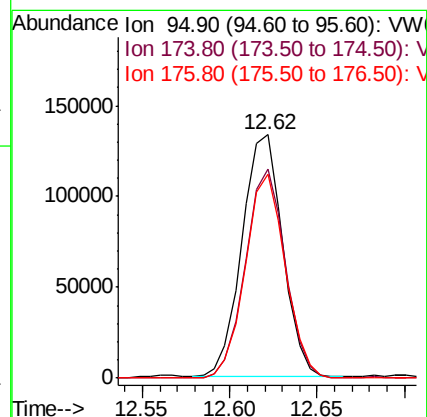
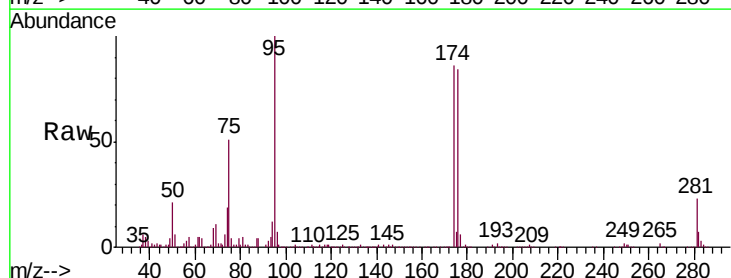
Tgt Ion: 95 Resp: 216165

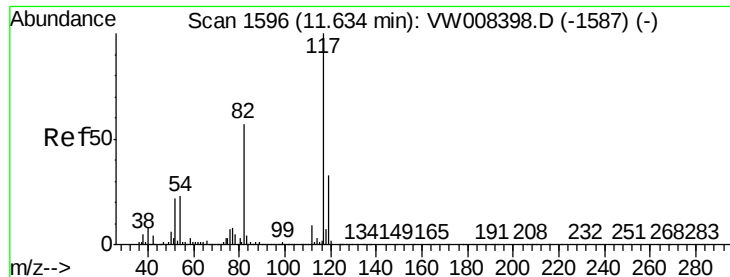
Ion Ratio Lower Upper

95 100

174 84.6 0.0 157.6

176 82.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW008627.D

Acq: 12 Feb 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

JC-02-021119-DRE

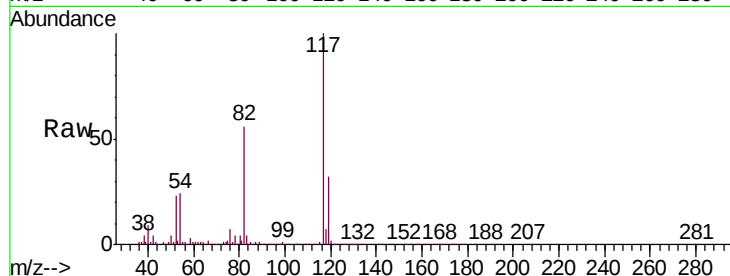
Tgt Ion: 117 Resp: 509536

Ion Ratio Lower Upper

117 100

82 56.0 45.4 68.0

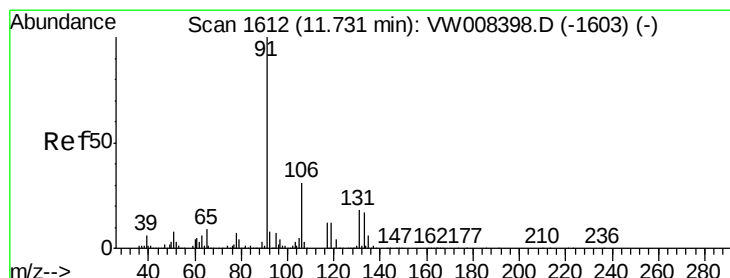
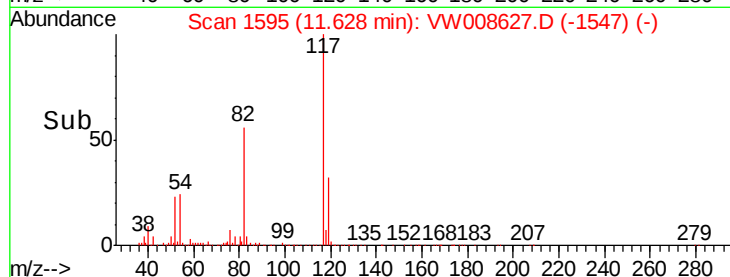
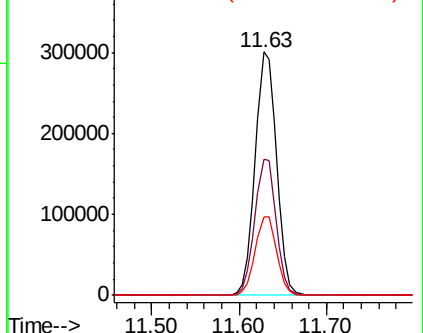
119 32.2 26.2 39.4



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: 1.275 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008627.D

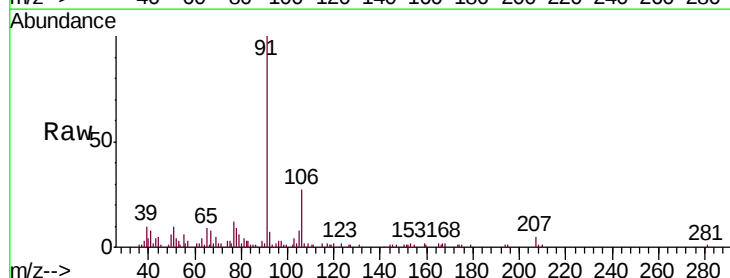
Acq: 12 Feb 2019 17:11

Tgt Ion: 91 Resp: 24382

Ion Ratio Lower Upper

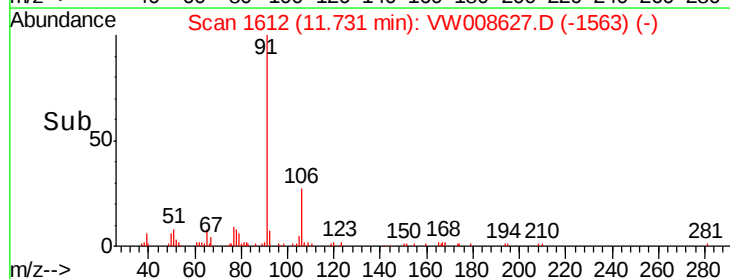
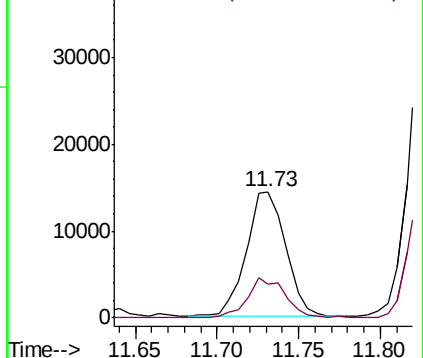
91 100

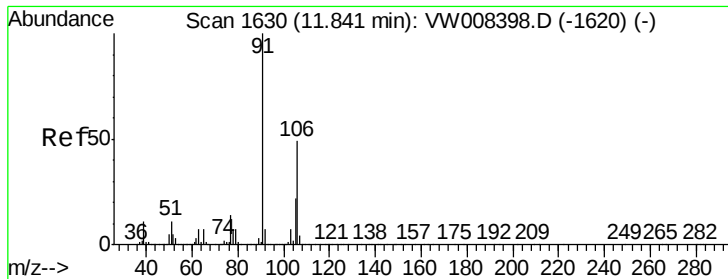
106 27.1 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

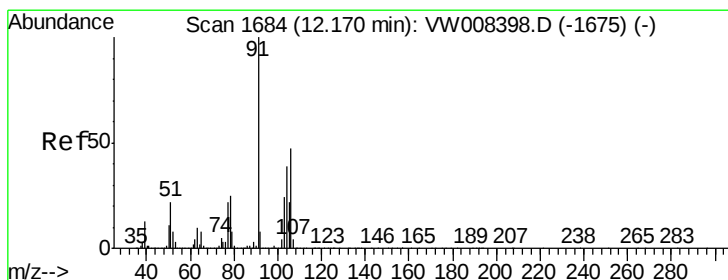
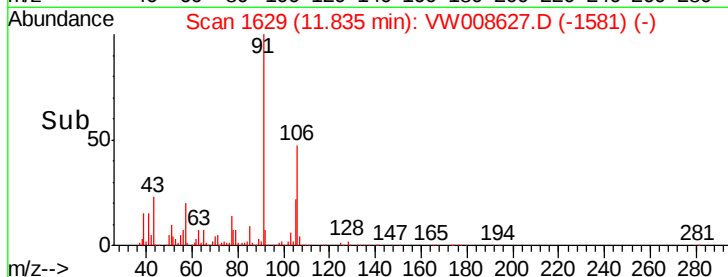
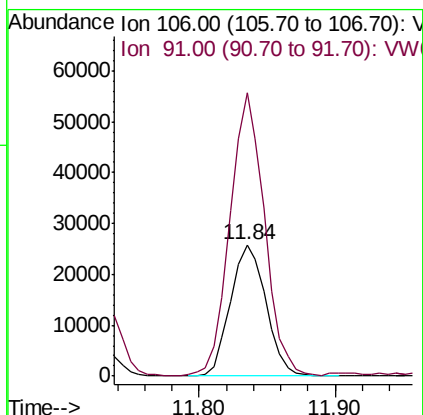
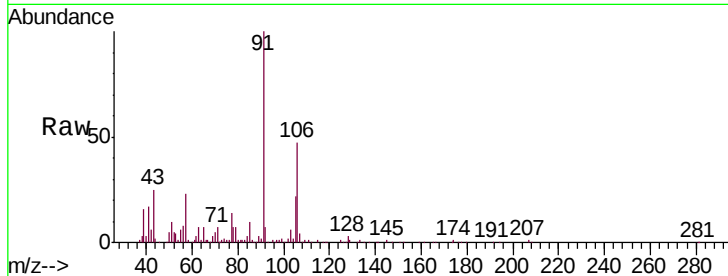




#68
m/p-Xylenes
Concen: 6.339 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

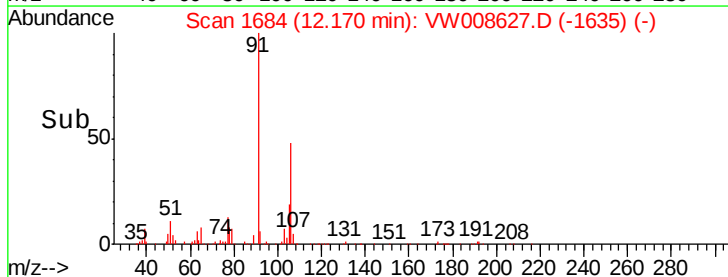
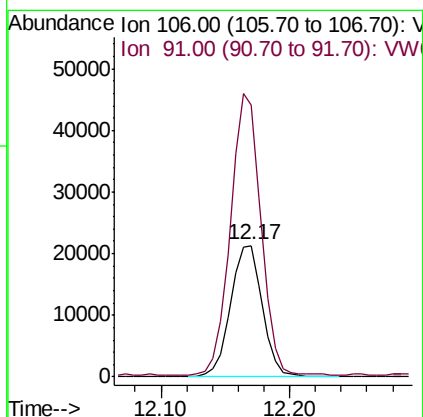
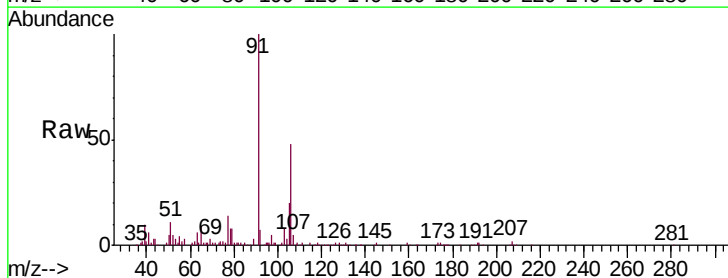
Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-DRE

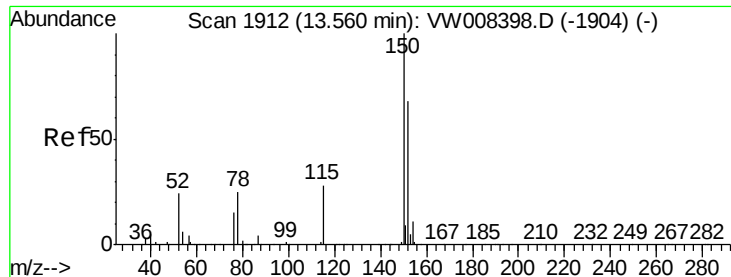
Tgt Ion:106 Resp: 47028
Ion Ratio Lower Upper
106 100
91 207.5 162.9 244.3



#69
o-Xylene
Concen: 5.169 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

Tgt Ion:106 Resp: 36434
Ion Ratio Lower Upper
106 100
91 207.1 107.5 322.4



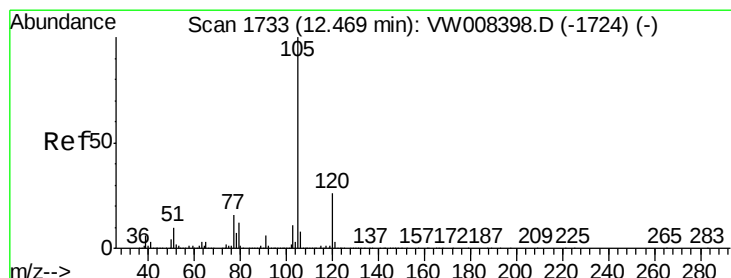
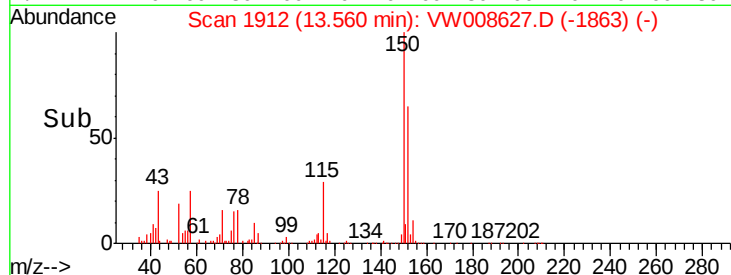
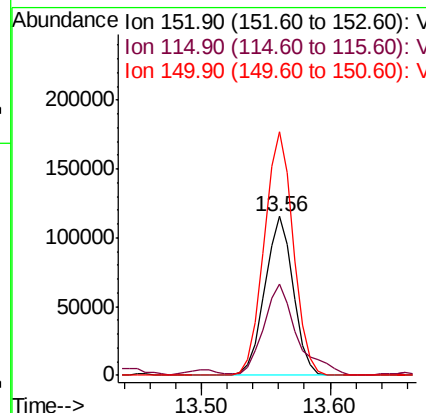
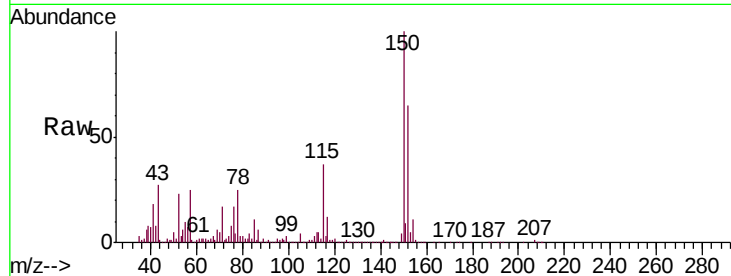


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

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

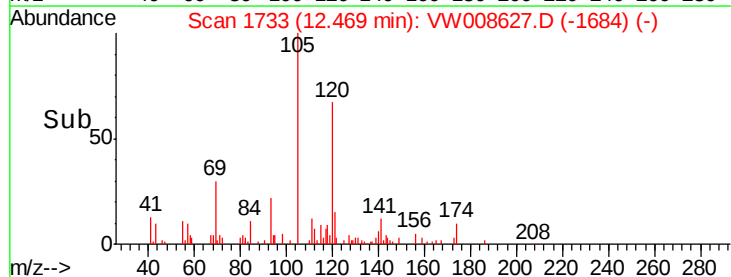
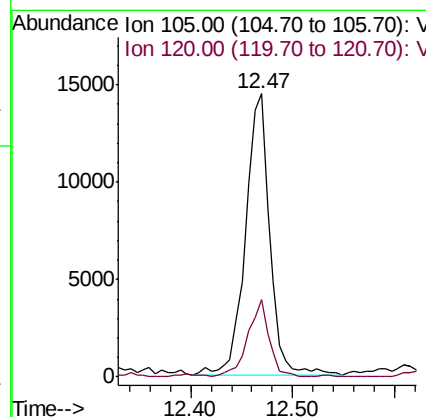
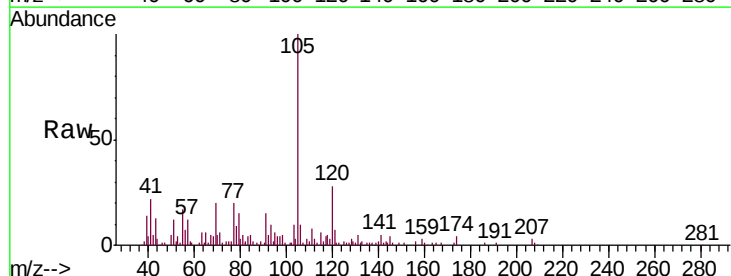
Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.7	29.9	89.7
150	157.2	0.0	351.4

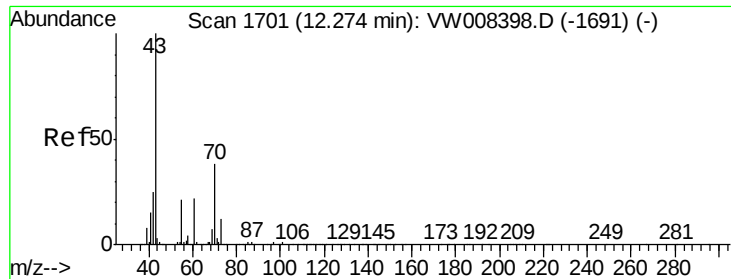


#73

Isopropylbenzene
Concen: 1.830 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.2	13.3	39.8

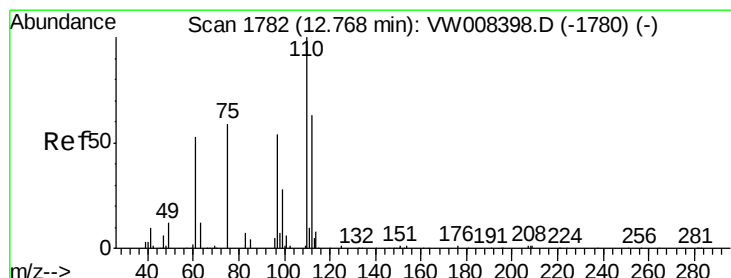
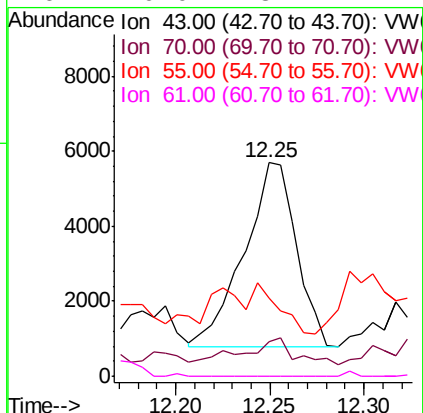
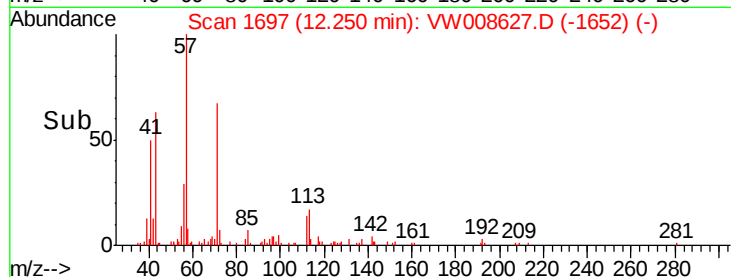
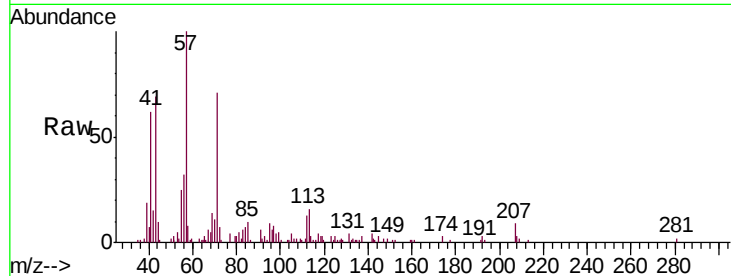




#74
N-ethyl acetate
Concen: 2.813 ug/l
RT: 12.25 min Scan# 1697
Delta R.T. -0.02 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

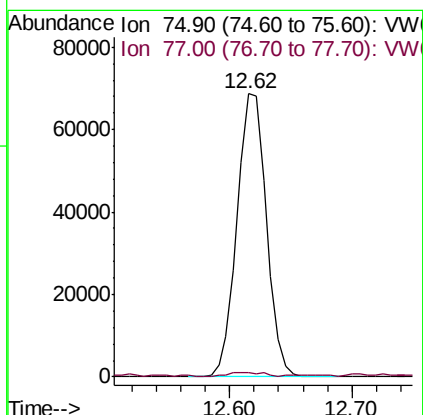
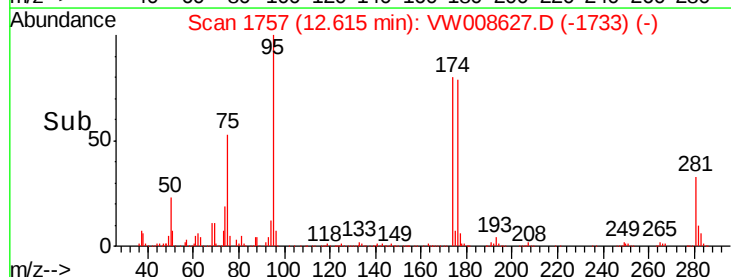
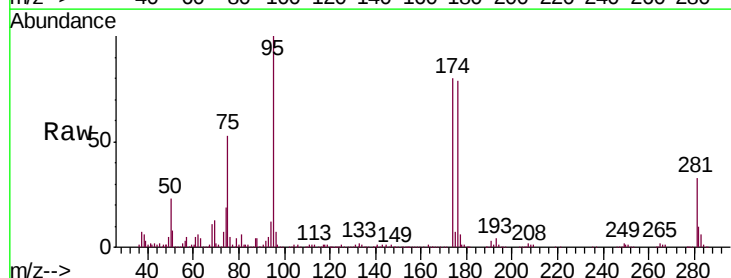
Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-DRE

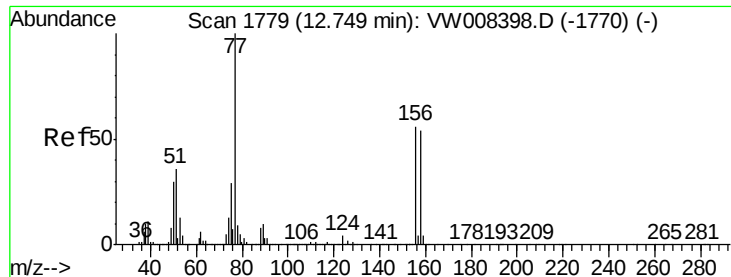
Tgt Ion:	43	Resp:	9461
Ion	Ratio	Lower	Upper
43	100		
70	7.8	31.0	46.6#
55	0.0	17.4	26.2#
61	0.0	18.2	27.4#



#76
1,2,3-Trichloropropane
Concen: 75.200 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

Tgt Ion:	75	Resp:	114495
Ion	Ratio	Lower	Upper
75	100		
77	1.5	180.7	542.1#

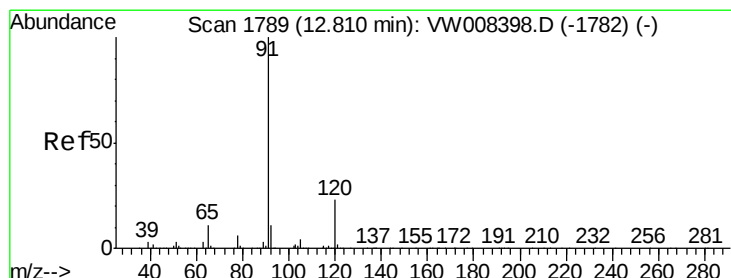
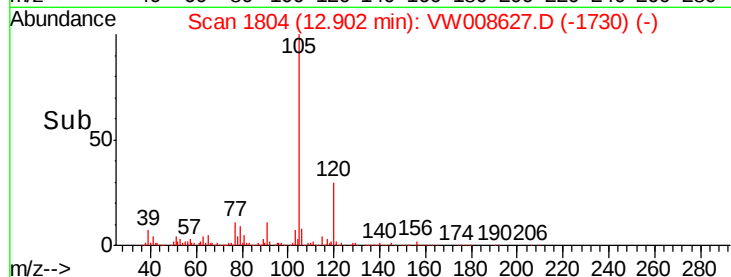
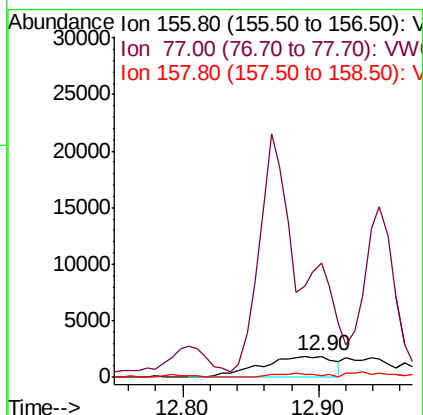
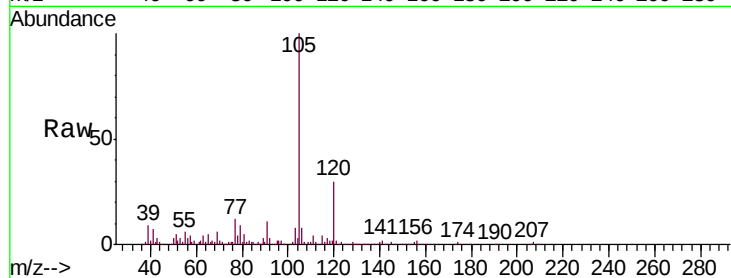




#77
Bromobenzene
Concen: 2.412 ug/l
RT: 12.90 min Scan# 1804
Delta R.T. 0.15 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

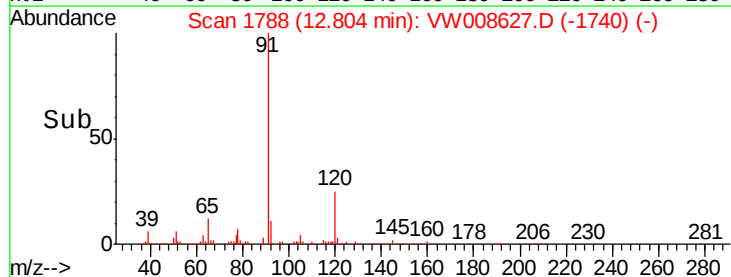
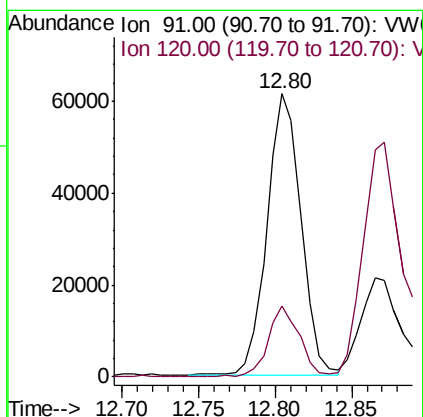
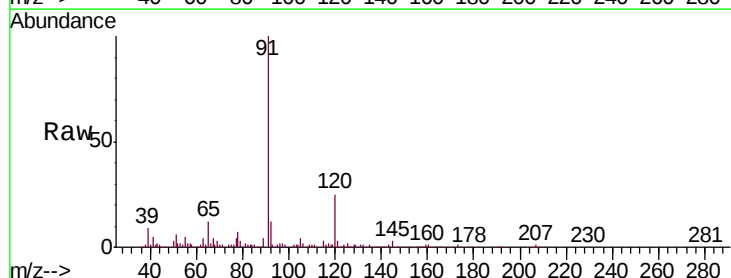
Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-DRE

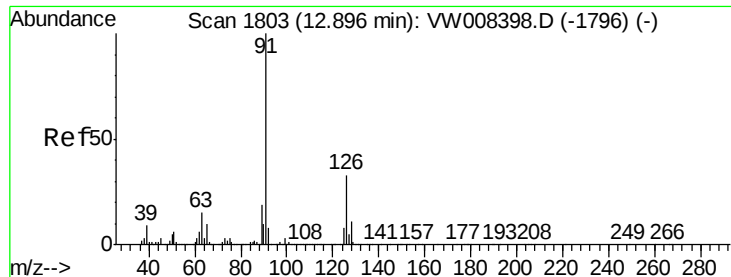
Tgt Ion: 156 Resp: 6878
Ion Ratio Lower Upper
156 100
77 0.0 96.9 290.7#
158 10.8 48.8 146.4#



#78
n-propylbenzene
Concen: 6.046 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

Tgt Ion: 91 Resp: 94810
Ion Ratio Lower Upper
91 100
120 23.3 11.4 34.1

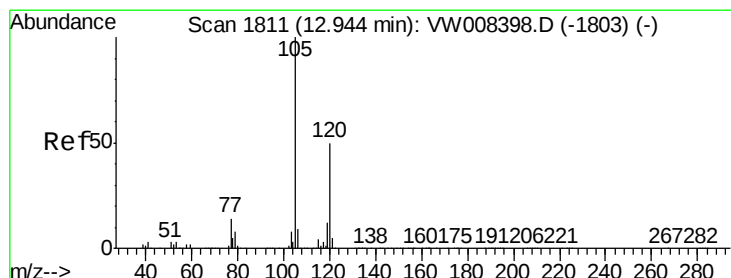
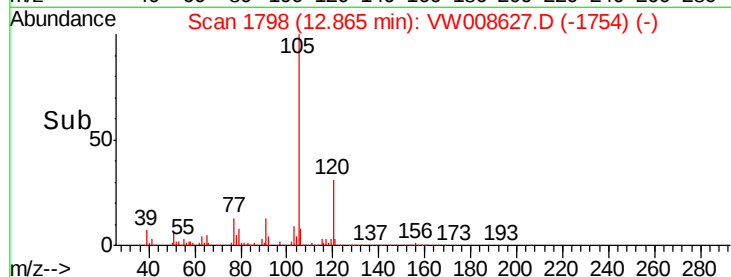
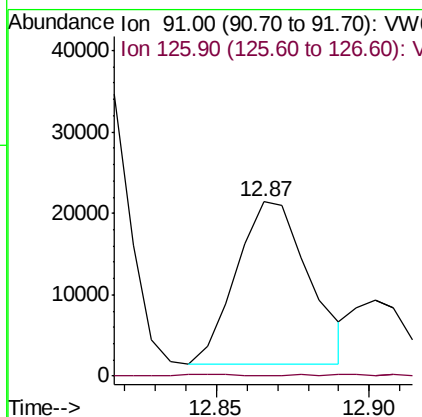
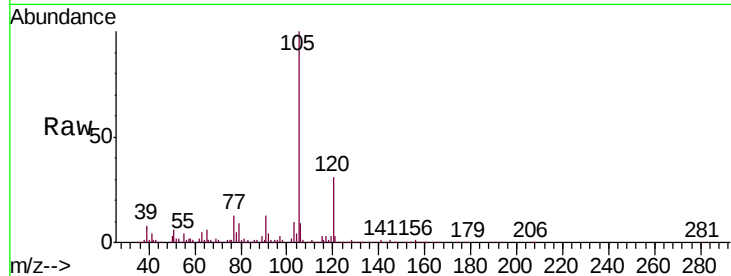




#79
2-Chlorotoluene
Concen: 3.737 ug/l
RT: 12.87 min Scan# 1798
Delta R.T. -0.03 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

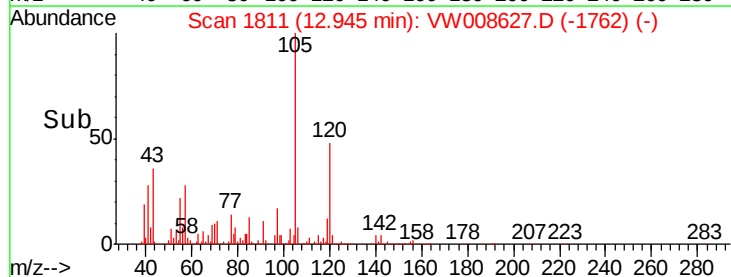
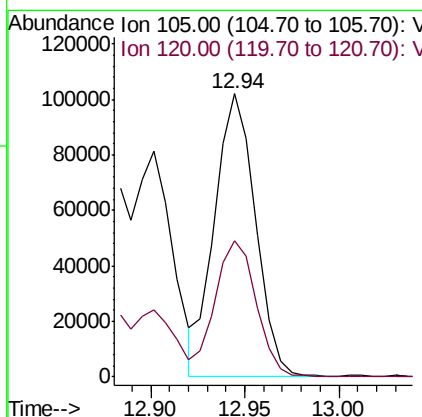
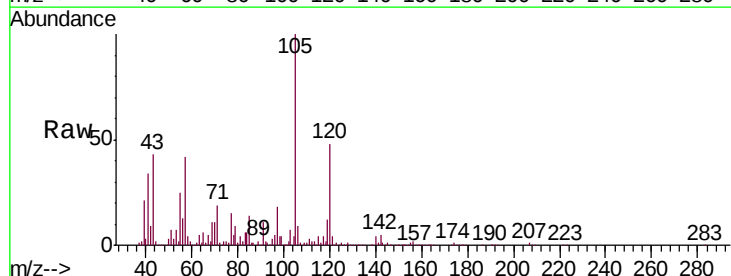
Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-DRE

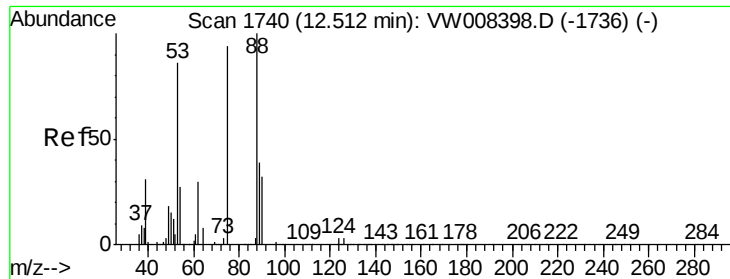
Tgt Ion: 91 Resp: 33069
Ion Ratio Lower Upper
91 100
126 1.0 16.5 49.5#



#80
1,3,5-Trimethylbenzene
Concen: 13.934 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

Tgt Ion: 105 Resp: 152050
Ion Ratio Lower Upper
105 100
120 48.5 24.6 73.8

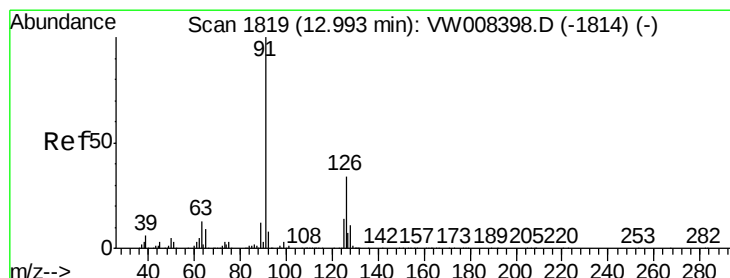
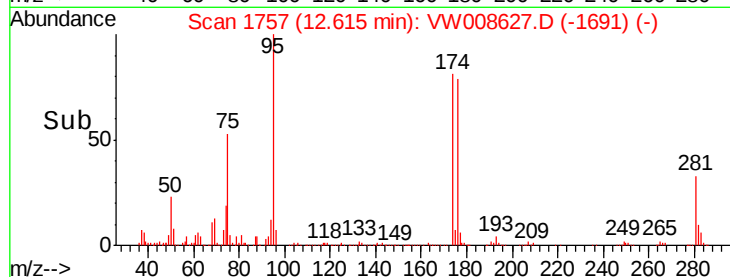
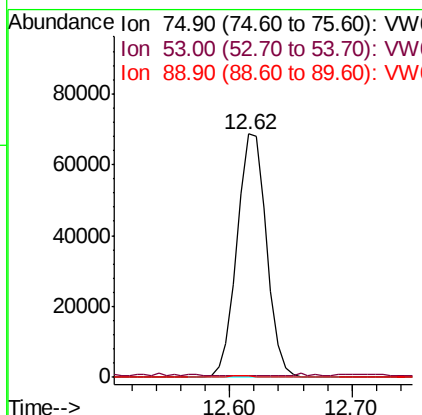
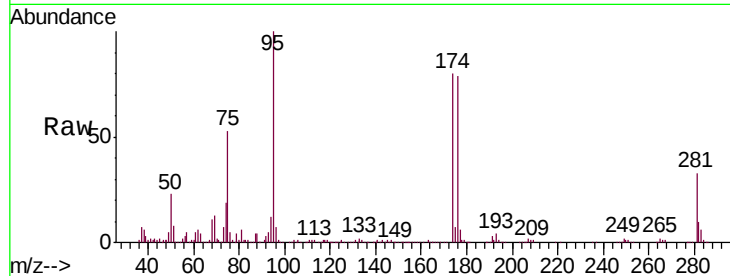




#81
trans-1,4-Dichloro-2-butene
Concen: 148.525 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

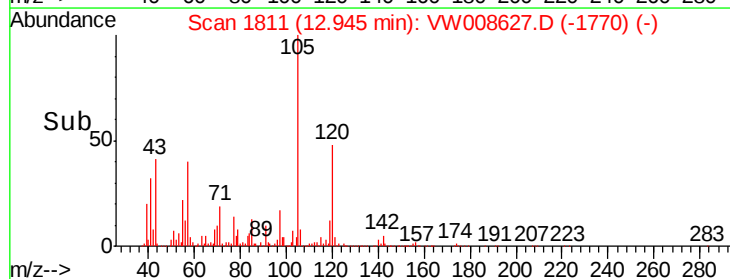
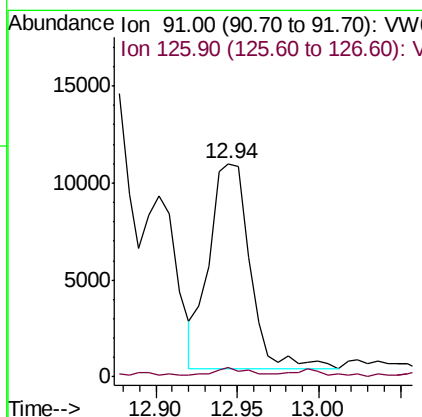
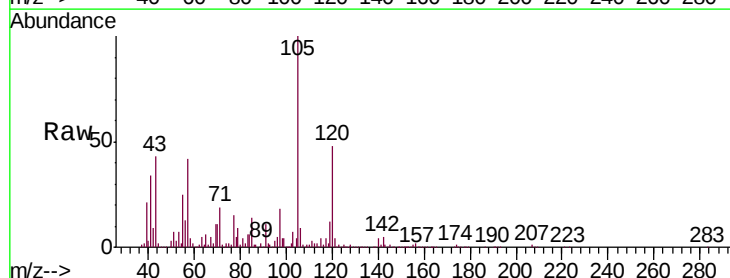
Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-DRE

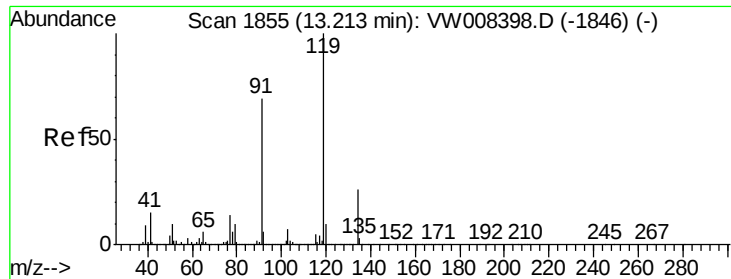
Tgt Ion: 75 Resp: 114495
Ion Ratio Lower Upper
75 100
53 0.4 76.0 114.0#
89 0.5 35.4 53.0#



#82
4-Chlorotoluene
Concen: 1.976 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.05 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

Tgt Ion: 91 Resp: 18615
Ion Ratio Lower Upper
91 100
126 4.1 16.4 49.2#

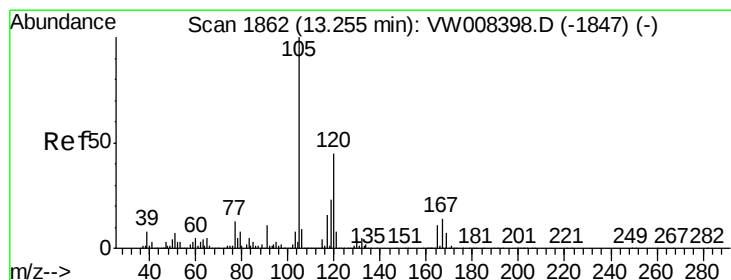
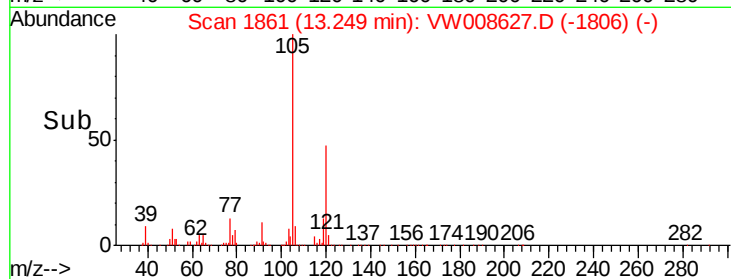
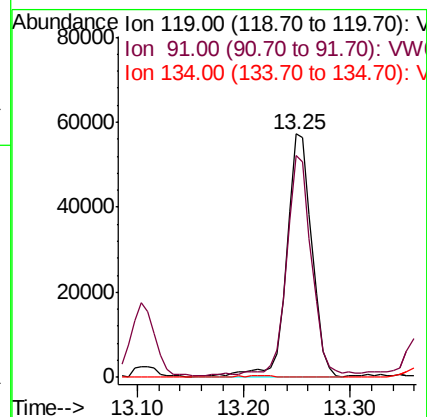
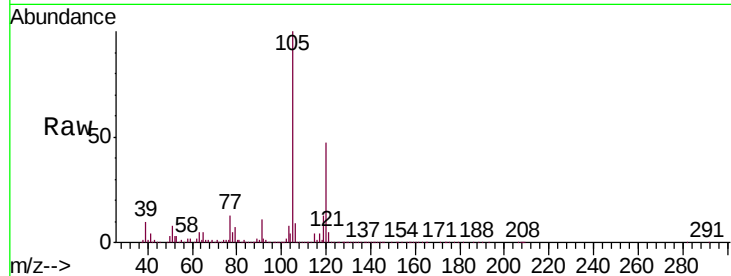




#83
tert-Butylbenzene
Concen: 9.484 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.04 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

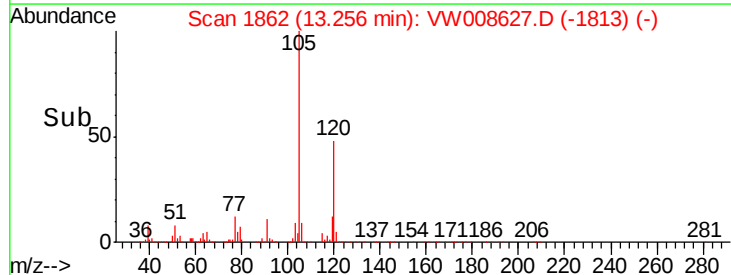
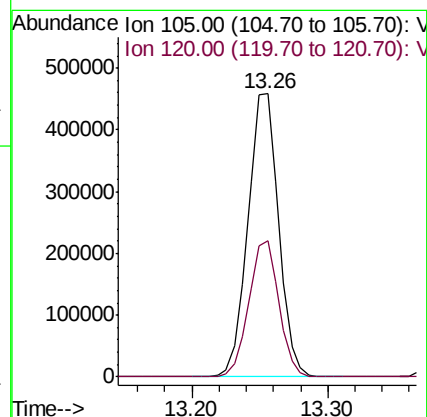
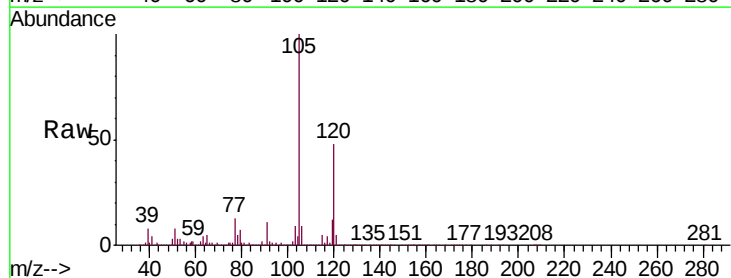
Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-DRE

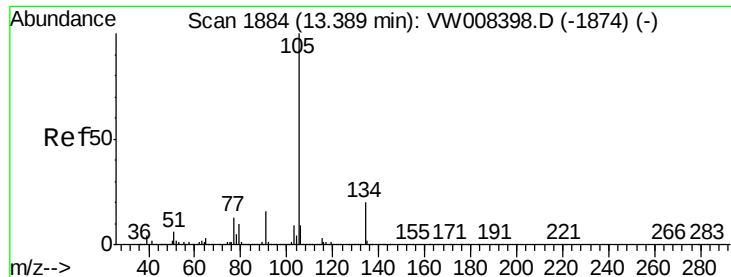
Tgt Ion:119 Resp: 92096
Ion Ratio Lower Upper
119 100
91 88.3 33.8 101.4
134 0.0 13.5 40.4#



#84
1,2,4-Trimethylbenzene
Concen: 65.250 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

Tgt Ion:105 Resp: 723720
Ion Ratio Lower Upper
105 100
120 47.3 23.1 69.2





#85

sec-Butylbenzene

Concen: 5.270 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VW008627.D

Acq: 12 Feb 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

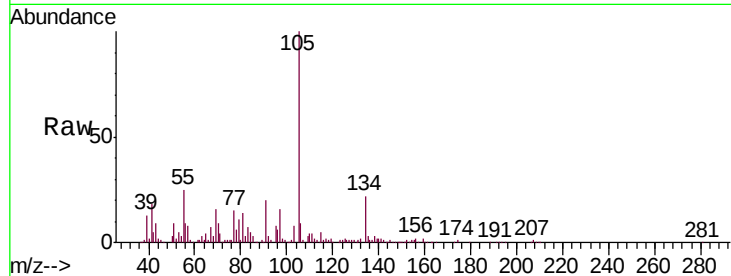
JC-02-021119-DRE

Tgt Ion:105 Resp: 73087

Ion Ratio Lower Upper

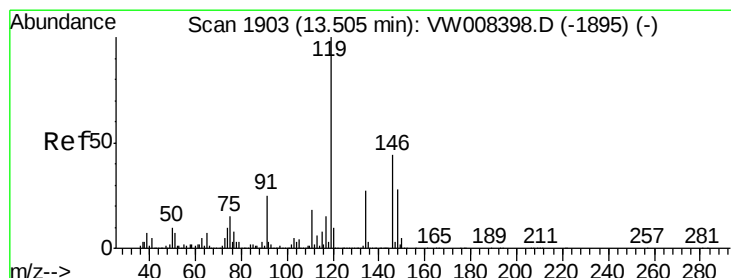
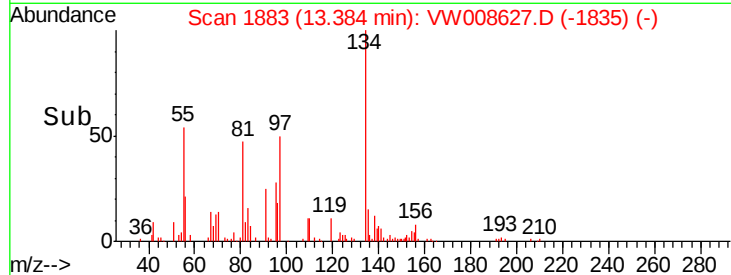
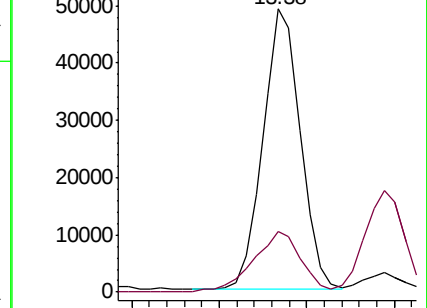
105 100

134 27.4 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: 4.793 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008627.D

Acq: 12 Feb 2019 17:11

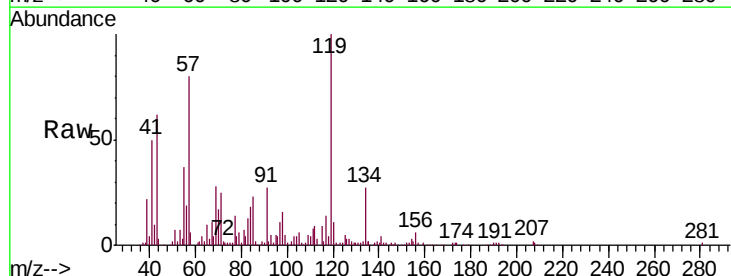
Tgt Ion:119 Resp: 58221

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.2

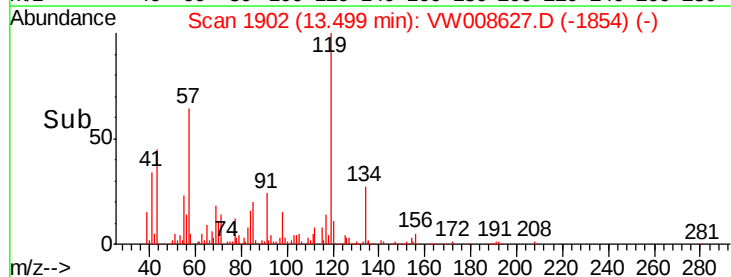
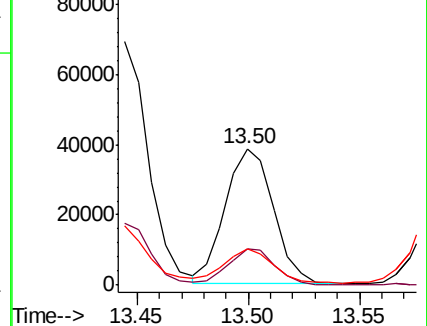
91 25.0 12.6 37.6

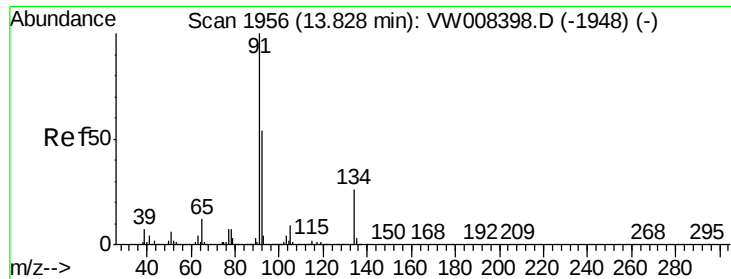


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

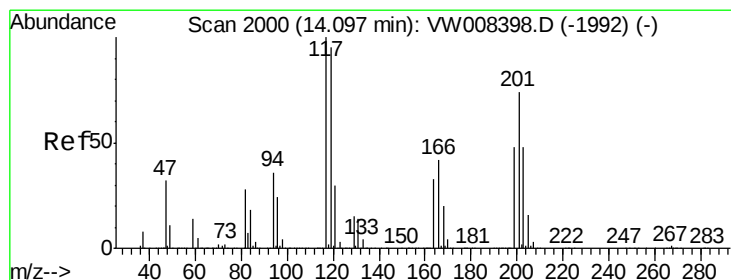
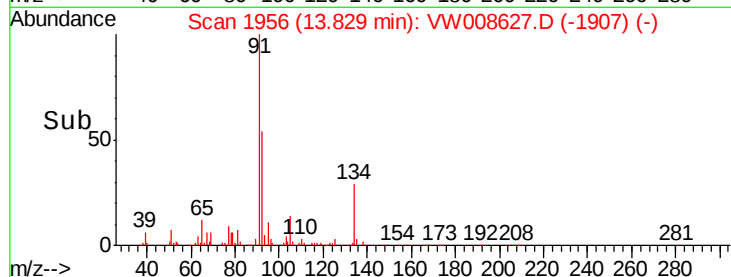
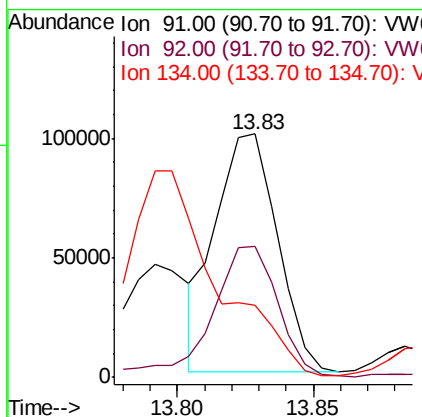
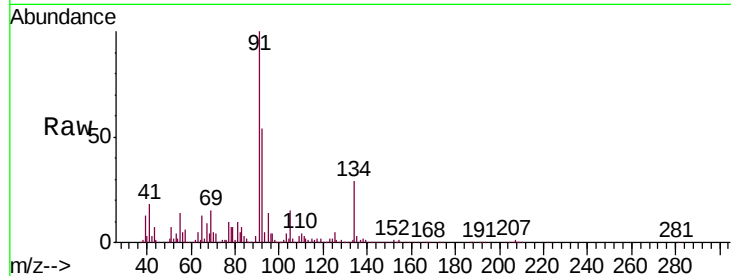




#89
n-Butylbenzene
Concen: 13.273 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

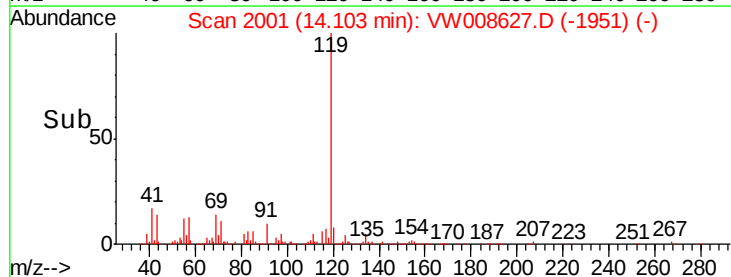
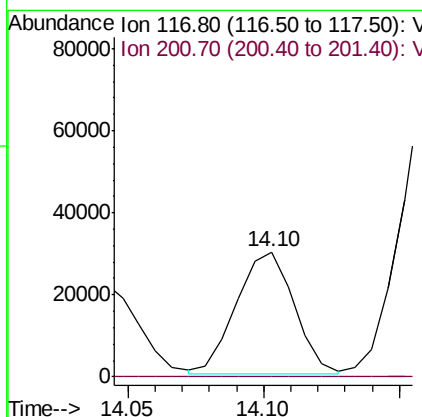
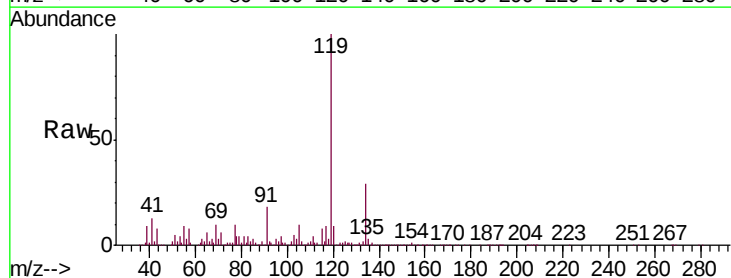
Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-DRE

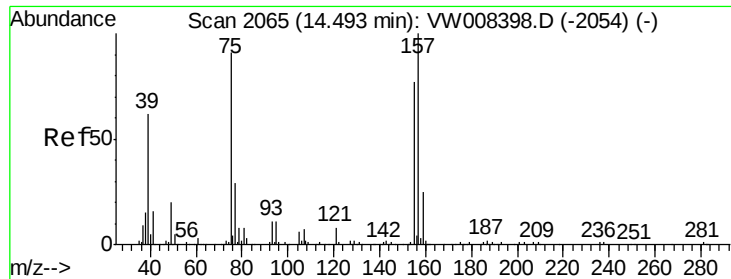
Tgt Ion: 91 Resp: 158307
Ion Ratio Lower Upper
91 100
92 57.2 27.4 82.2
134 0.0 13.0 39.0#



#90
Hexachloroethane
Concen: 18.580 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

Tgt Ion: 117 Resp: 44138
Ion Ratio Lower Upper
117 100
201 0.0 39.1 117.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.886 ug/l

RT: 14.51 min Scan# 2067

Delta R.T. 0.01 min

Lab File: VW008627.D

Acq: 12 Feb 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

JC-02-021119-DRE

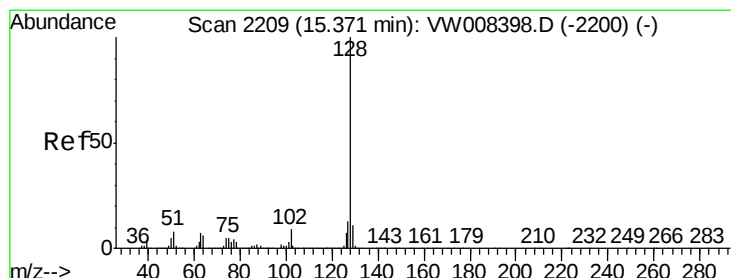
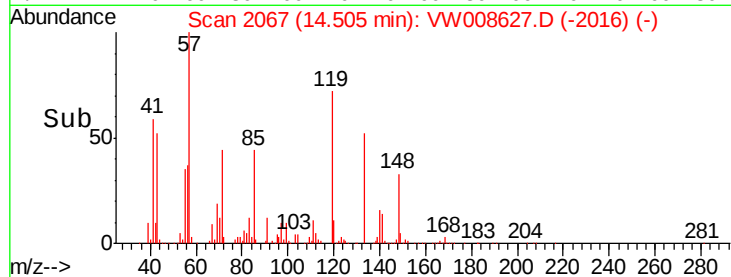
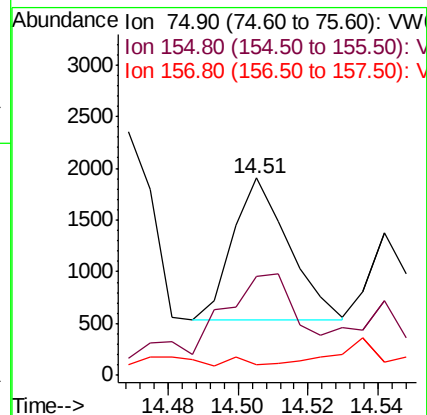
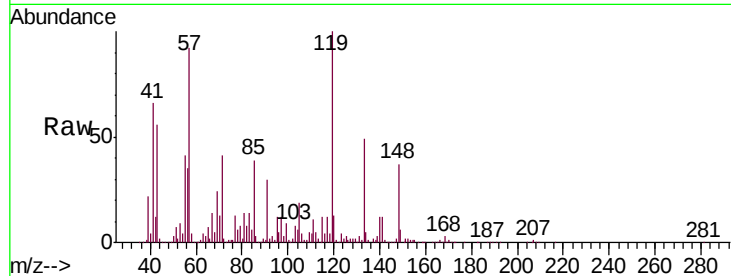
Tgt Ion: 75 Resp: 1524

Ion Ratio Lower Upper

75 100

155 83.4 42.7 128.1

157 0.0 55.5 166.3#



#95

Naphthalene

Concen: 40.321 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008627.D

Acq: 12 Feb 2019 17:11

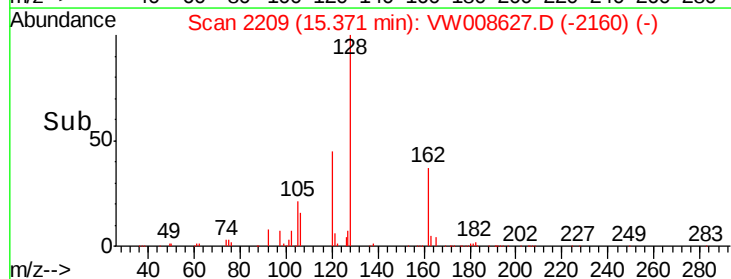
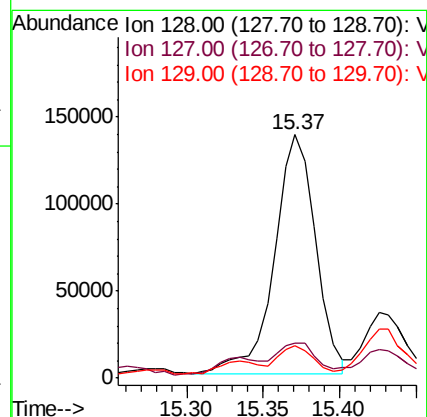
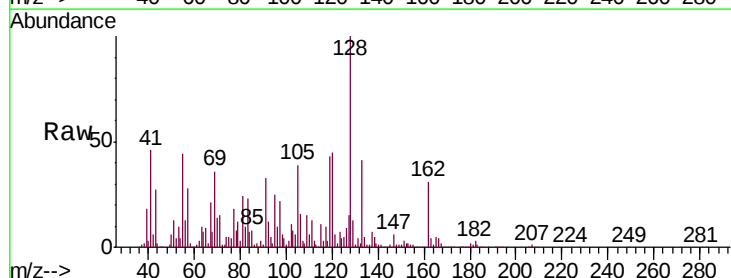
Tgt Ion: 128 Resp: 257411

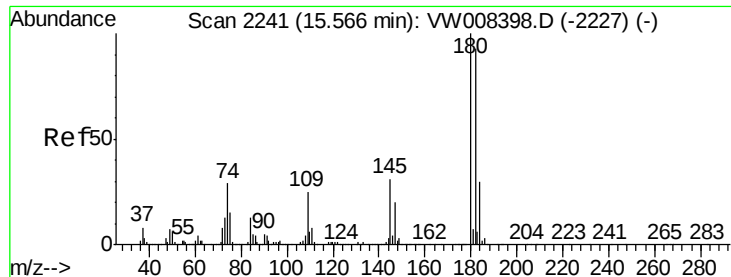
Ion Ratio Lower Upper

128 100

127 11.7 10.6 15.8

129 8.6 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 5.399 ug/l
 RT: 15.58 min Scan# 2244
 Delta R.T. 0.02 min
 Lab File: VW008627.D
 Acq: 12 Feb 2019 17:11

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

Tgt Ion	Ratio	Lower	Upper
180	100		
182	17.8	47.0	141.2#
145	0.0	15.9	47.6#

