

Data File : VW008503.D
Acq On : 04 Feb 2019 15:55
Operator : SY/VA
Sample : K1299-03
Misc : 5.10G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
0037-COMP-3

Quant Time: Feb 05 03:04:02 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	353061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	583278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	522574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	246583	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	198749	57.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.60%	
35) Dibromofluoromethane	7.88	113	181971	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
50) Toluene-d8	10.32	98	684622	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.62	95	252813	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	616	3.535	ug/l	90
7) Trichlorofluoromethane	3.27	101	130	4.762	ug/l	85
11) Tert butyl alcohol	5.15	59	1057	3.785	ug/l #	43
13) Acrolein	3.88	56	2397	13.751	ug/l #	82
16) Acetone	4.12	43	78077	100.240	ug/l	99
17) Carbon Disulfide	4.38	76	26300	2.548	ug/l	99
20) Methylene Chloride	4.92	84	8336	2.322	ug/l #	77
25) 2-Butanone	7.17	43	35074	32.420	ug/l	100
29) Tetrahydrofuran	7.54	42	1708	2.491	ug/l #	72
31) Cyclohexane	7.95	56	10291	1.512	ug/l #	39
36) 1,1-Dichloropropene	7.95	75	26157	4.747	ug/l #	42
37) Ethyl Acetate	7.17	43	35074	14.388	ug/l #	71
38) Carbon Tetrachloride	7.94	117	34224	6.173	ug/l #	16
39) Methylcyclohexane	9.33	83	14617	2.019	ug/l	95
49) 1,4-Dioxane	9.46	88	91	2.746	ug/l #	23
52) Toluene	10.38	92	11590	1.148	ug/l	90
55) 1,1,2-Trichloroethane	10.76	97	6979	2.566	ug/l #	21
59) 2-Hexanone	10.93	43	26422	14.959	ug/l #	33
67) Ethyl Benzene	11.73	91	227461	11.600	ug/l	98
68) m/p-Xylenes	11.84	106	104553	13.742	ug/l	97
69) o-Xylene	12.16	106	98088	13.569	ug/l	99
73) Isopropylbenzene	12.47	105	132158	7.189	ug/l	99
74) N-amyl acetate	12.26	43	36567	7.721	ug/l #	58
76) 1,2,3-Trichloropropane	12.87	75	8612	4.017	ug/l #	1
77) Bromobenzene	12.91	156	190047	47.337	ug/l #	1
78) n-propylbenzene	12.80	91	24198	1.096	ug/l #	53
79) 2-Chlorotoluene	12.87	91	63741	5.116	ug/l #	48
80) 1,3,5-Trimethylbenzene	12.94	105	197083	12.826	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.46	75	7217	6.649	ug/l #	43
82) 4-Chlorotoluene	12.94	91	21381	1.612	ug/l #	48
83) tert-Butylbenzene	13.26	119	58119	4.251	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.26	105	454394	29.095	ug/l	100
85) sec-Butylbenzene	13.26	105	454394	23.270	ug/l #	56
86) p-Isopropyltoluene	13.50	119	109689	6.413	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020419\
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

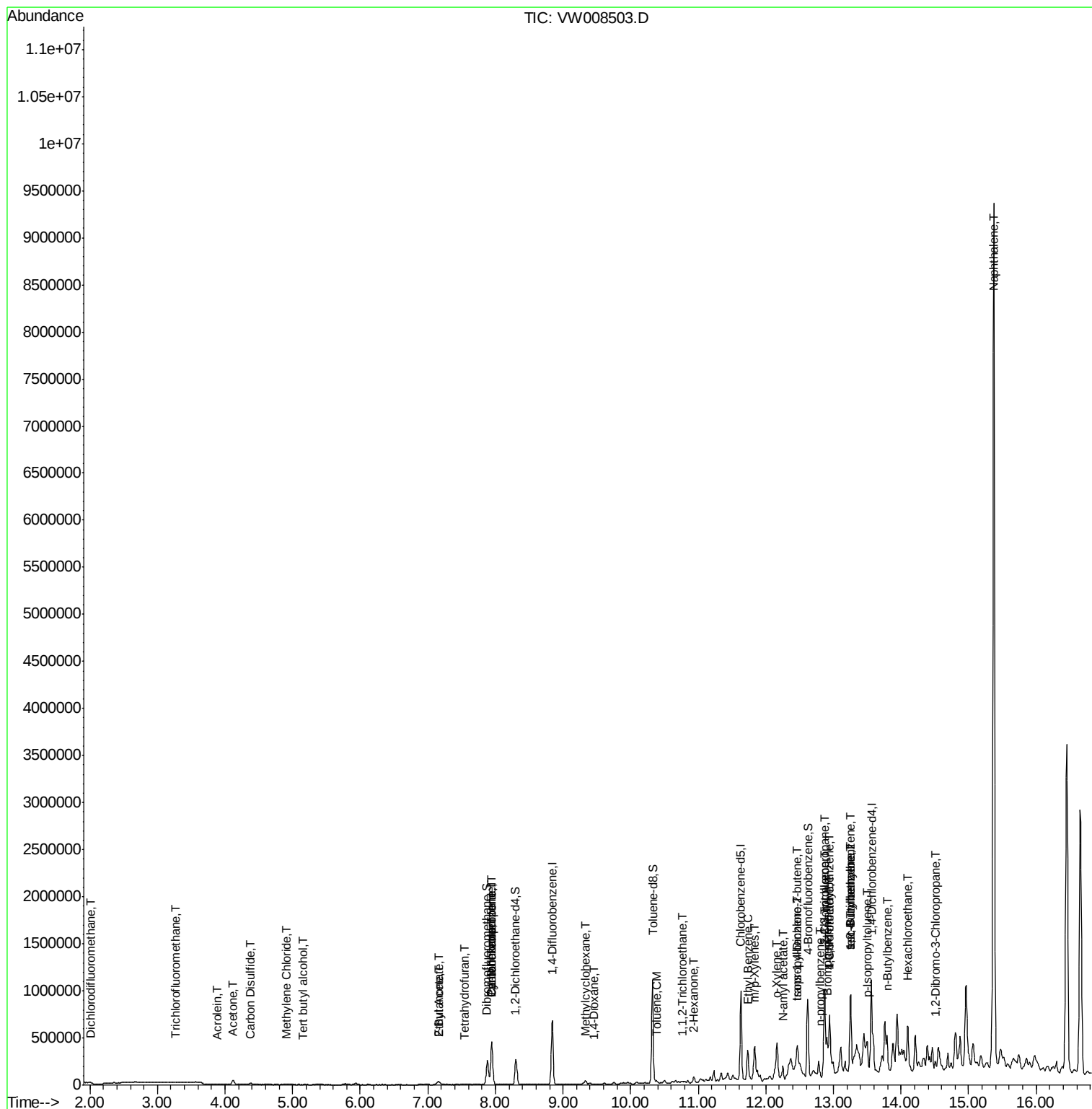
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.79	91	36359	2.165	ug/l #	1
90) Hexachloroethane	14.10	117	22499	6.726	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.51	75	563	1.020	ug/l #	27
95) Naphthalene	15.37	128	7420230	825.453	ug/l	99

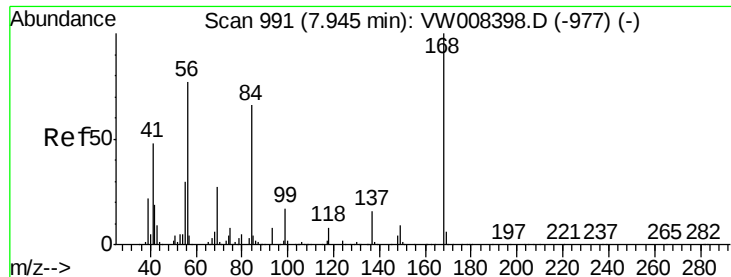
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008503.D

Acq: 04 Feb 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

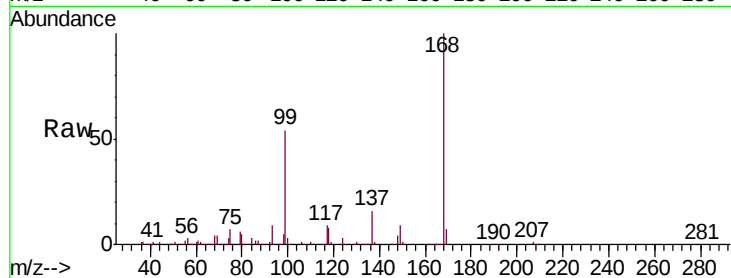
0037-COMP-3

Tgt Ion: 168 Resp: 353061

Ion Ratio Lower Upper

168 100

99 54.2 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

100000

50000

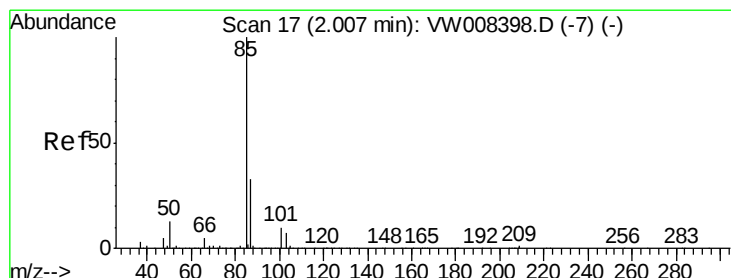
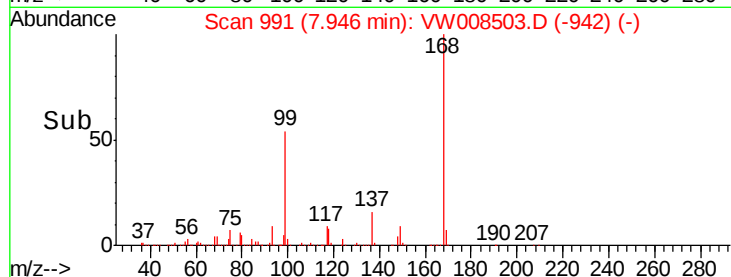
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Time-->

7.80

7.90

8.00



#2

Dichlorodifluoromethane

Concen: 3.535 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW008503.D

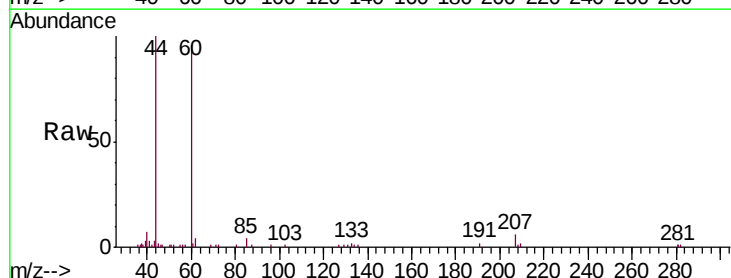
Acq: 04 Feb 2019 15:55

Tgt Ion: 85 Resp: 616

Ion Ratio Lower Upper

85 100

87 27.8 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

400

300

200

100

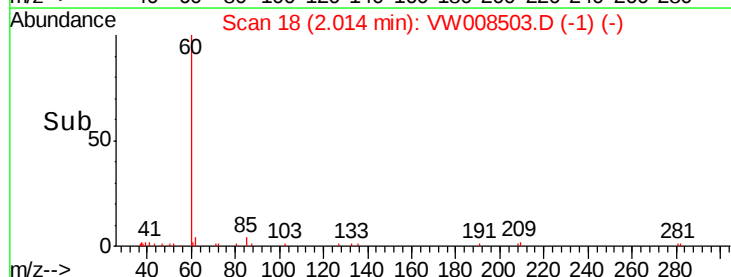
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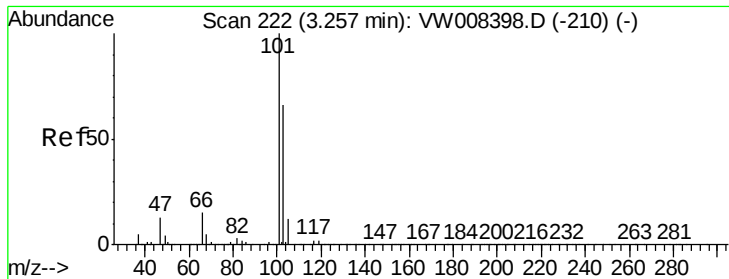
Time-->

1.95

2.00

2.05



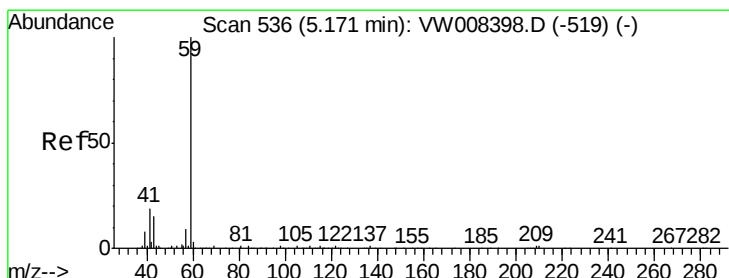
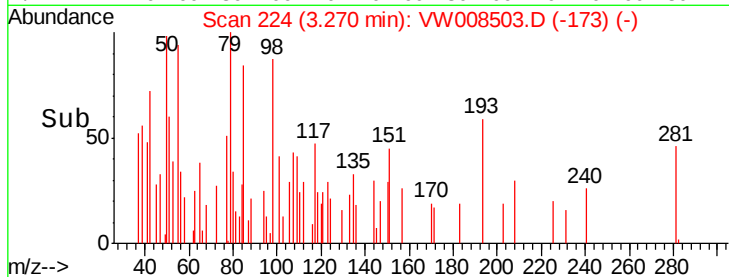
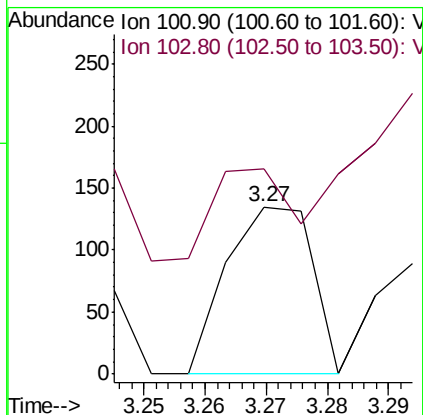
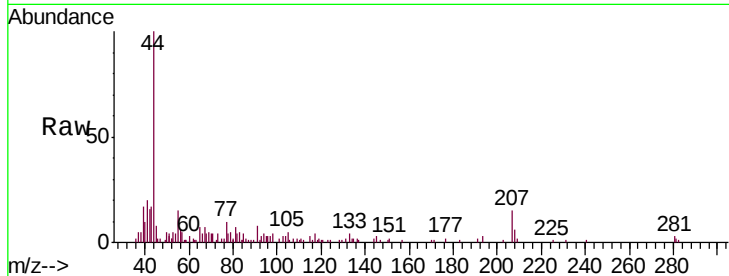


#7

Trichlorofluoromethane
 Concen: 4.762 ug/l
 RT: 3.27 min Scan# 224
 Delta R.T. 0.01 min
 Lab File: VW008503.D
 Acq: 04 Feb 2019 15:55

Instrument :
 MSVOA_W
 ClientSampleId :
 0037-COMP-3

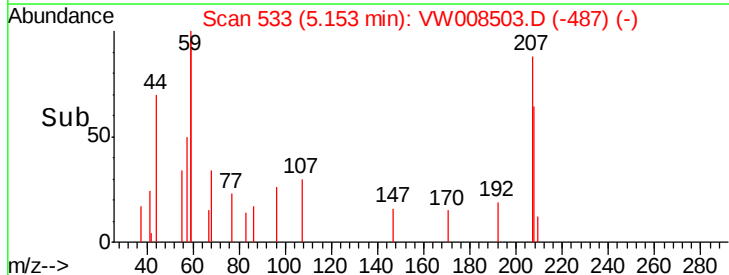
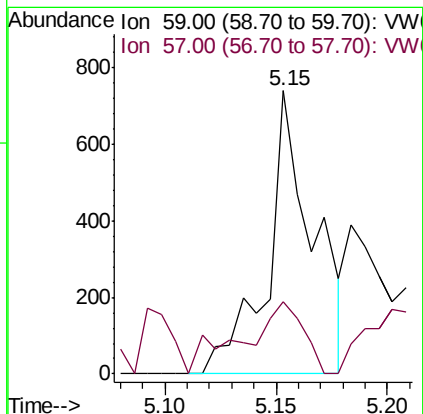
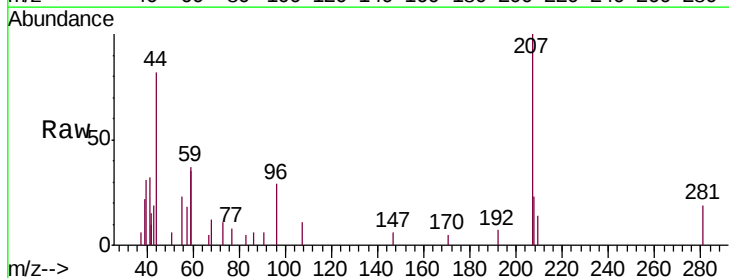
Tgt Ion:101 Resp: 130
 Ion Ratio Lower Upper
 101 100
 103 54.1 52.5 78.7

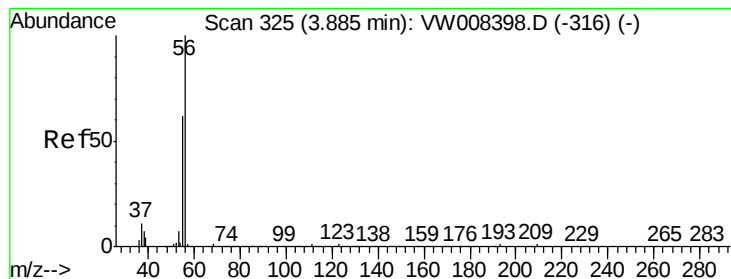


#11

Tert butyl alcohol
 Concen: 3.785 ug/l
 RT: 5.15 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: VW008503.D
 Acq: 04 Feb 2019 15:55

Tgt Ion: 59 Resp: 1057
 Ion Ratio Lower Upper
 59 100
 57 33.7 9.3 13.9#





#13

Acrolein

Concen: 13.751 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW008503.D

Acq: 04 Feb 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

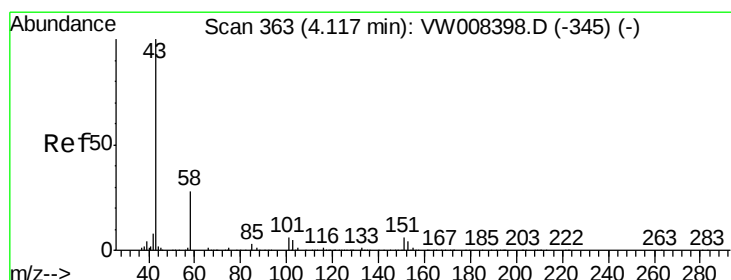
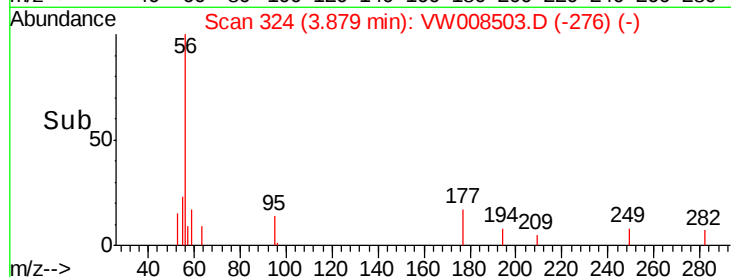
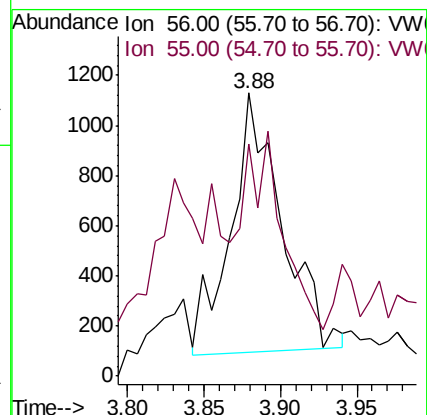
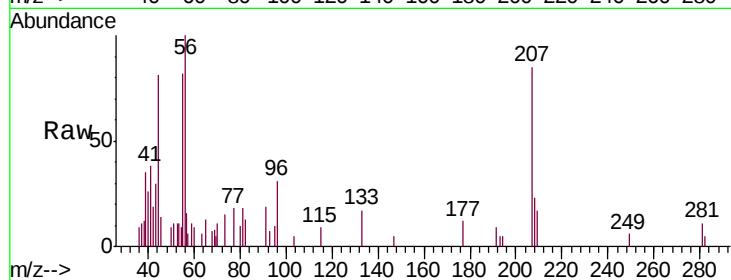
0037-COMP-3

Tgt Ion: 56 Resp: 2397

Ion Ratio Lower Upper

56 100

55 55.9 56.7 85.1#



#16

Acetone

Concen: 100.240 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008503.D

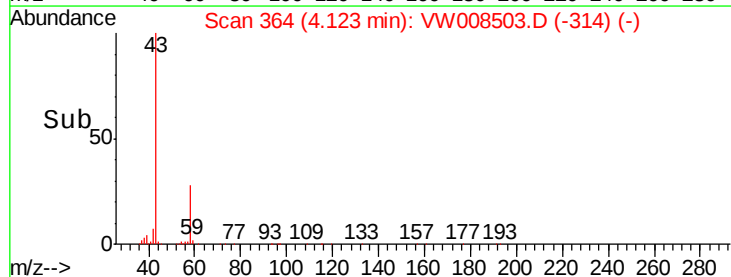
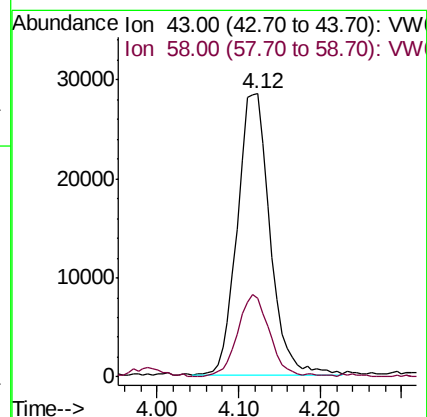
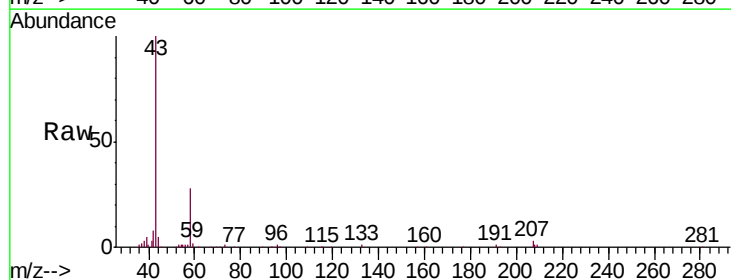
Acq: 04 Feb 2019 15:55

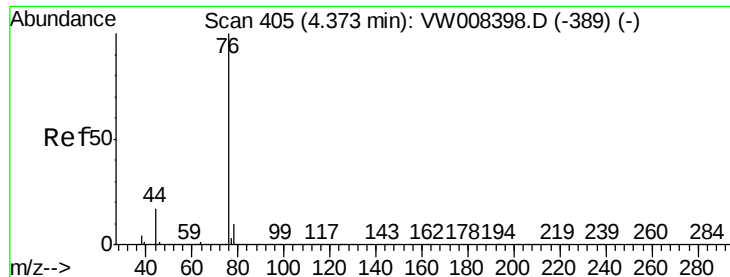
Tgt Ion: 43 Resp: 78077

Ion Ratio Lower Upper

43 100

58 27.9 22.6 34.0





#17

Carbon Disulfide

Concen: 2.548 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW008503.D

Acq: 04 Feb 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

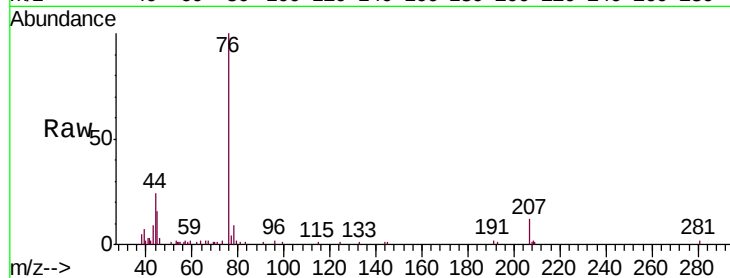
0037-COMP-3

Tgt Ion: 76 Resp: 26300

Ion Ratio Lower Upper

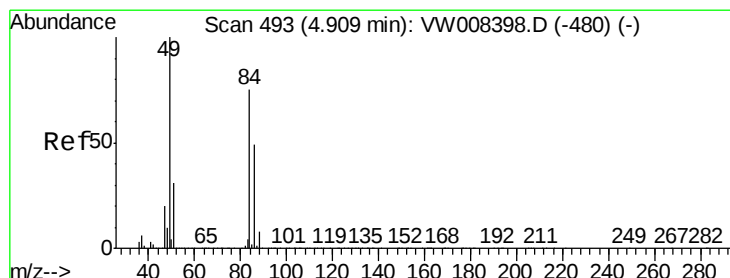
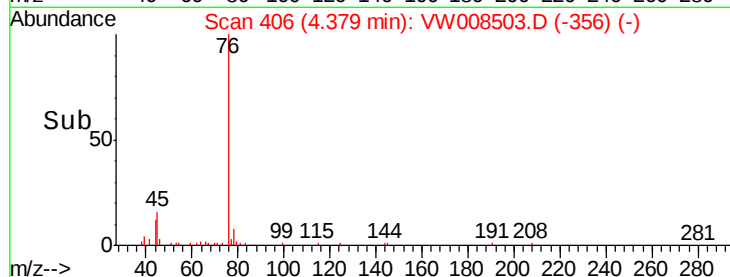
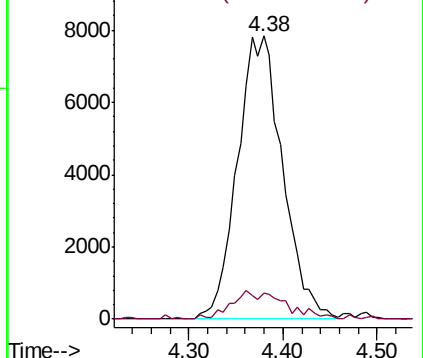
76 100

78 9.2 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 2.322 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW008503.D

Acq: 04 Feb 2019 15:55

Tgt Ion: 84 Resp: 8336

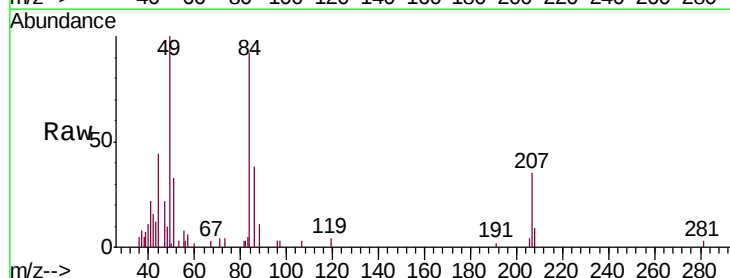
Ion Ratio Lower Upper

84 100

49 105.7 106.8 160.2#

51 33.0 32.9 49.3

86 41.5 52.2 78.2#

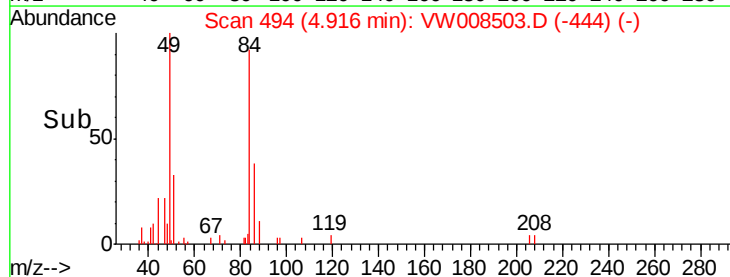
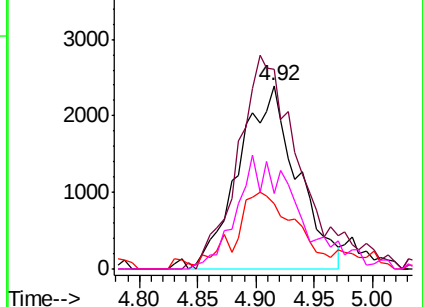


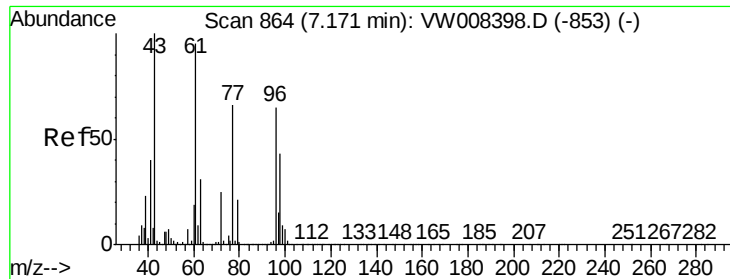
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 32.420 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

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ClientSampleId :

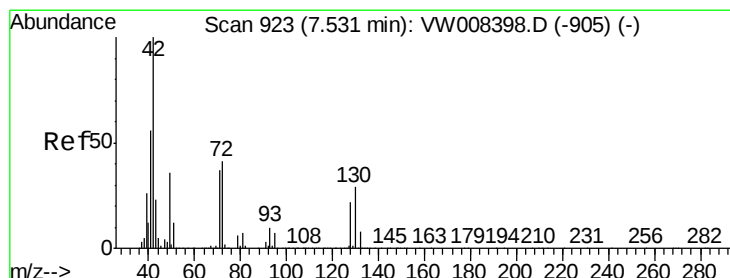
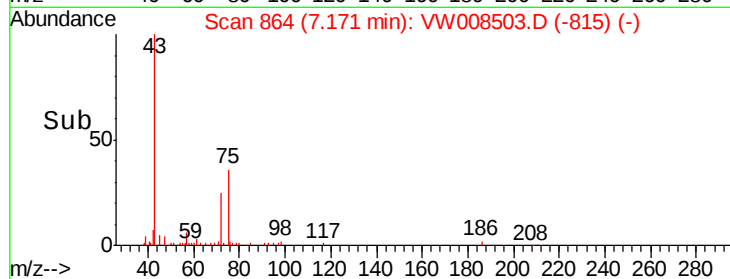
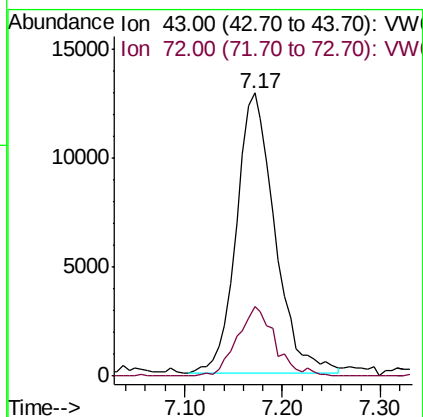
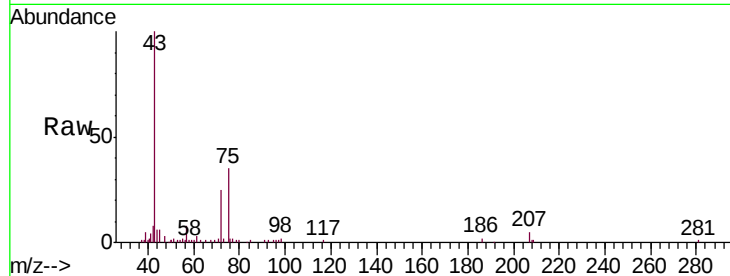
0037-COMP-3

Tgt Ion: 43 Resp: 35074

Ion Ratio Lower Upper

43 100

72 24.9 20.1 30.1



#29

Tetrahydrofuran

Concen: 2.491 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW008503.D

Acq: 04 Feb 2019 15:55

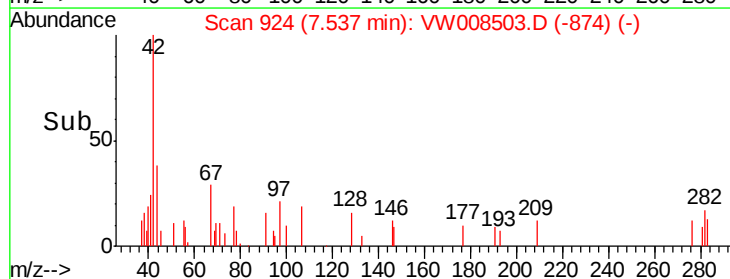
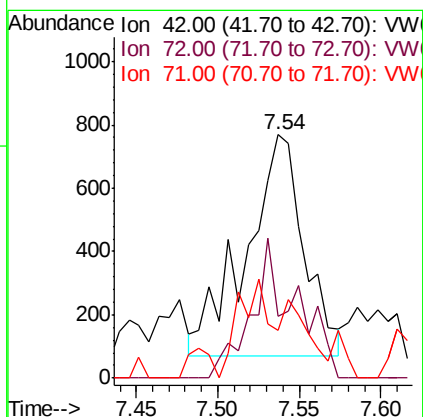
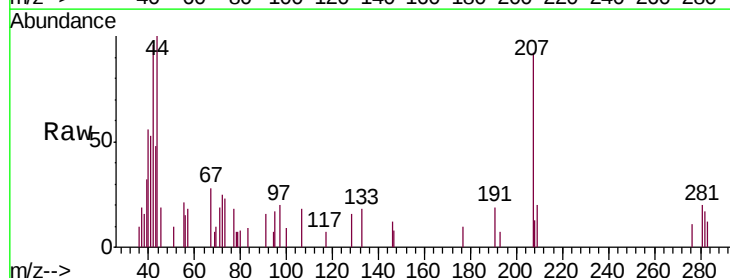
Tgt Ion: 42 Resp: 1708

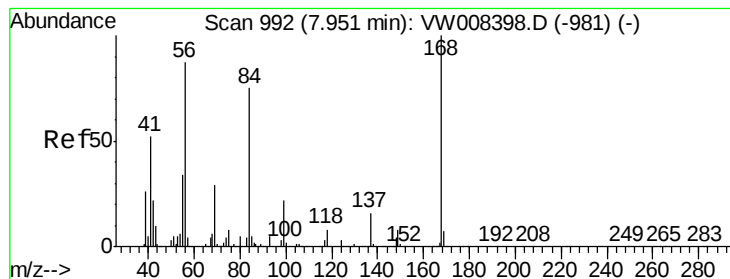
Ion Ratio Lower Upper

42 100

72 32.3 31.9 47.9

71 10.6 29.9 44.9#





#31

Cyclohexane

Concen: 1.512 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008503.D

Acq: 04 Feb 2019 15:55

Instrument :

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ClientSampleId :

0037-COMP-3

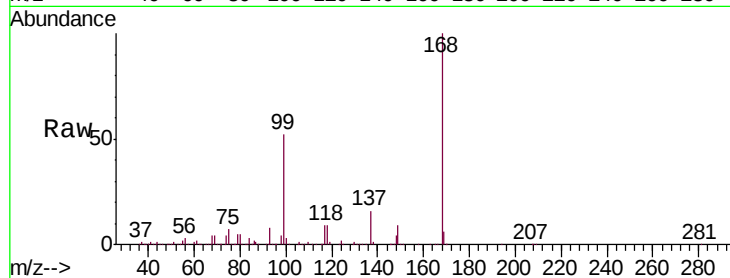
Tgt Ion: 56 Resp: 10291

Ion Ratio Lower Upper

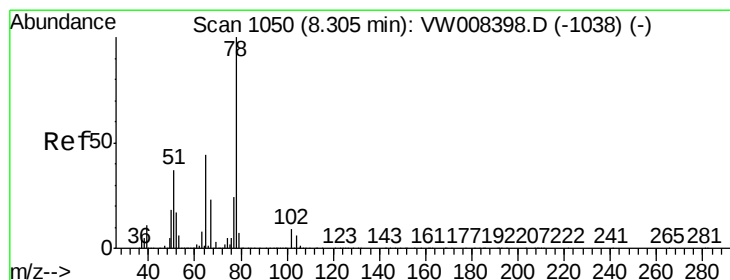
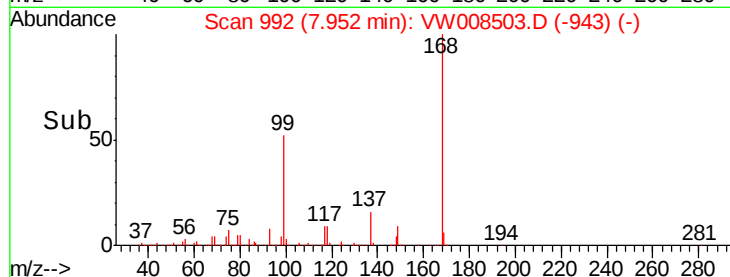
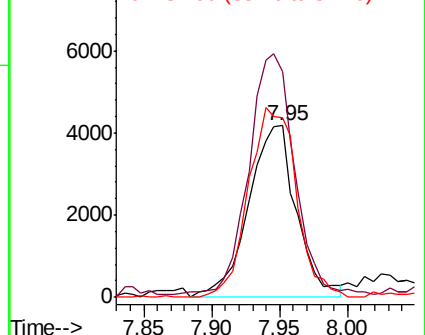
56 100

69 128.9 26.4 39.6#

84 104.6 69.1 103.7#



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



#33

1,2-Dichloroethane-d4

Concen: 57.301 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008503.D

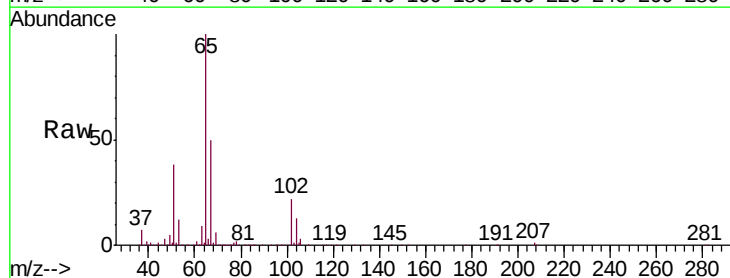
Acq: 04 Feb 2019 15:55

Tgt Ion: 65 Resp: 198749

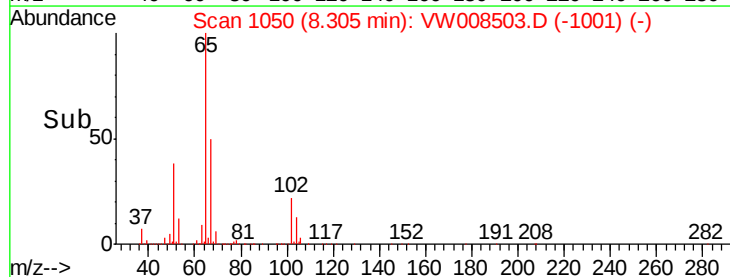
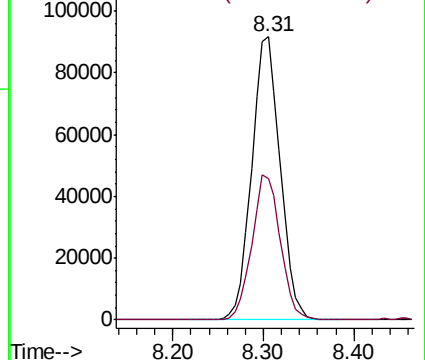
Ion Ratio Lower Upper

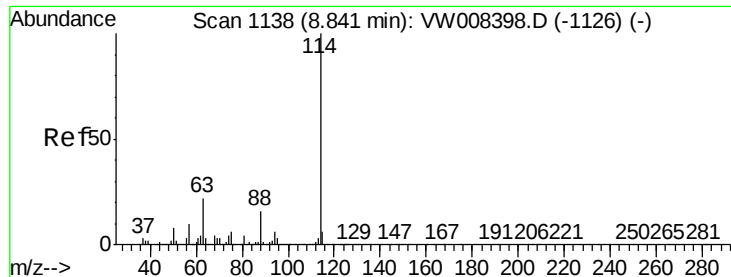
65 100

67 51.2 0.0 104.0



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

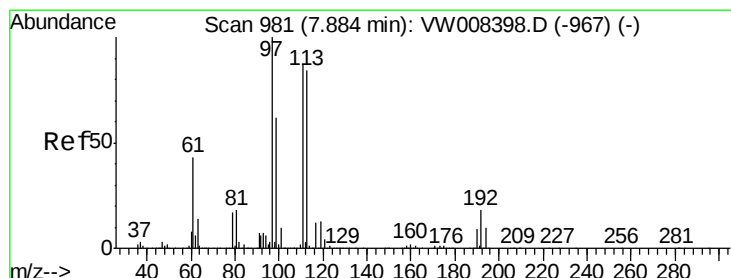
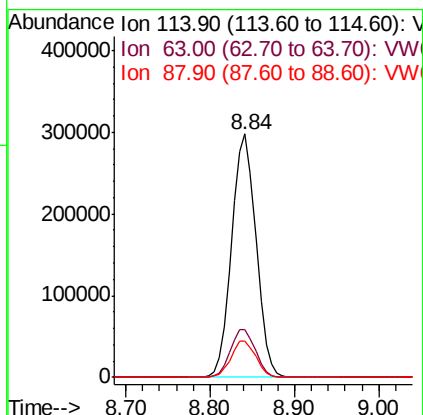
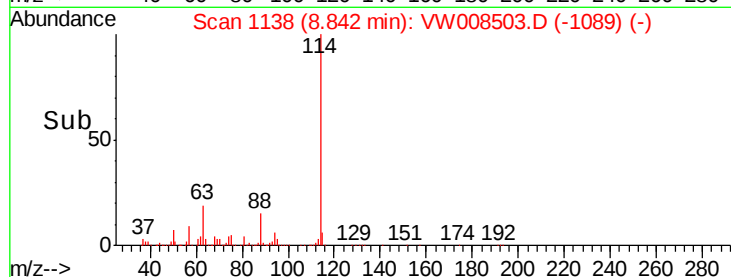
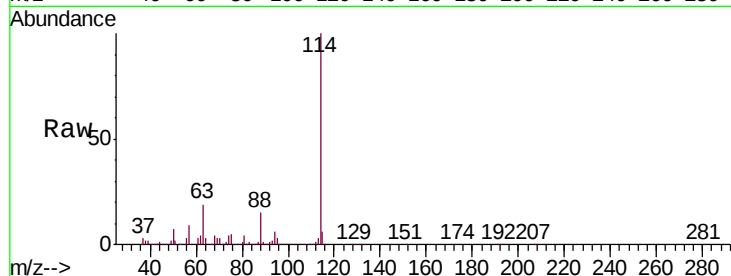




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008503.D
 Acq: 04 Feb 2019 15:55

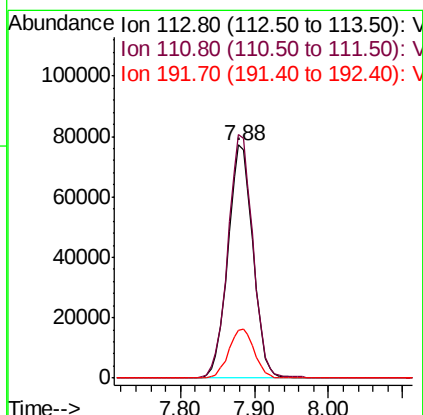
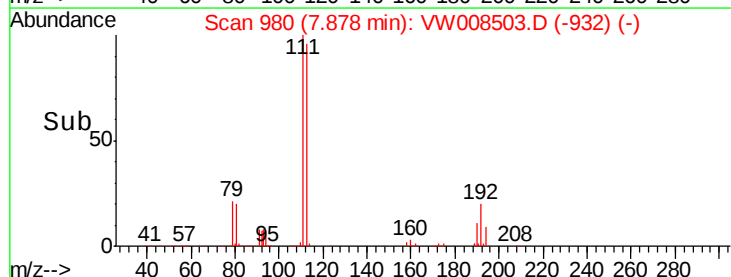
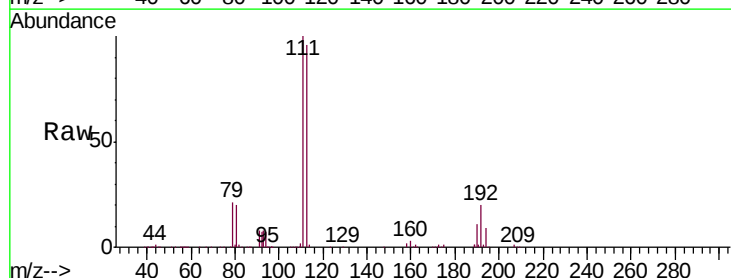
Instrument :
 MSVOA_W
 ClientSampleId :
 0037-COMP-3

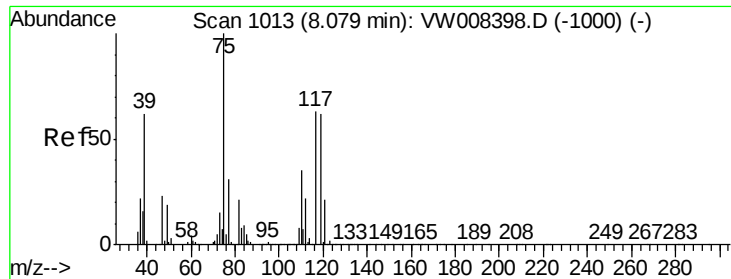
Tgt Ion:	114	Resp:	583278
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	43.6
88	15.0	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 53.354 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008503.D
 Acq: 04 Feb 2019 15:55

Tgt Ion:	113	Resp:	181971
Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.0	121.4
192	21.4	16.8	25.2

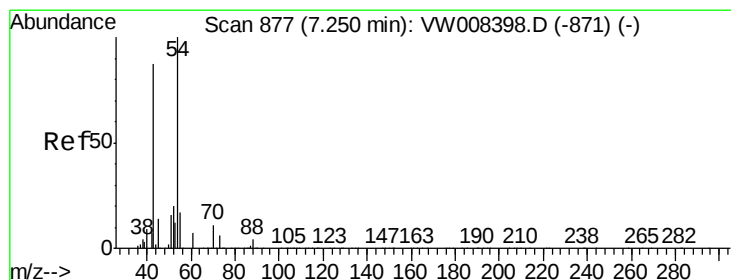
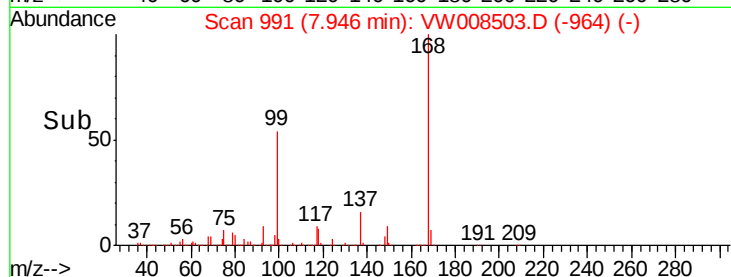
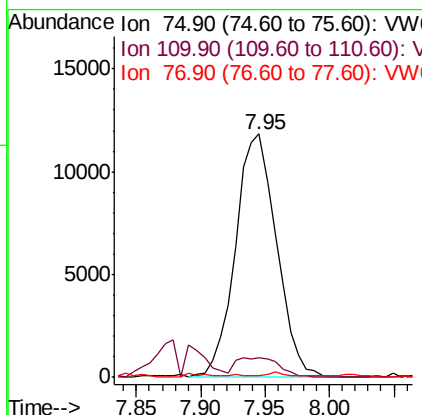
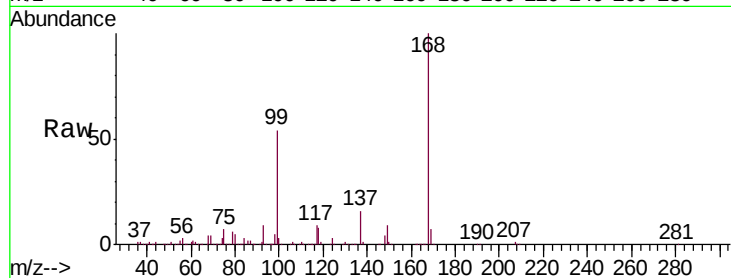




#36
 1,1-Dichloropropene
 Concen: 4.747 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008503.D
 Acq: 04 Feb 2019 15:55

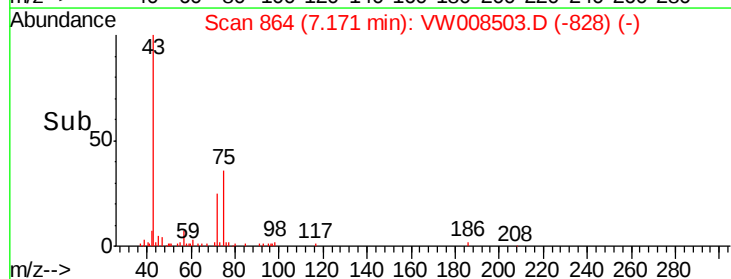
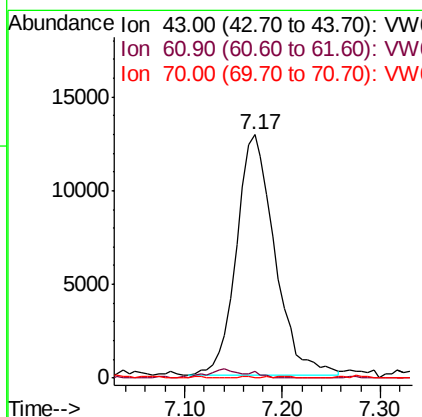
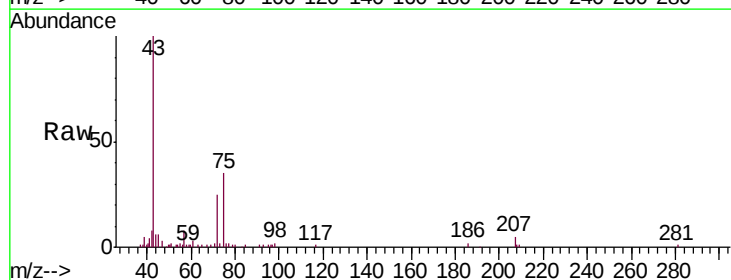
Instrument :
 MSVOA_W
 ClientSampleId :
 0037-COMP-3

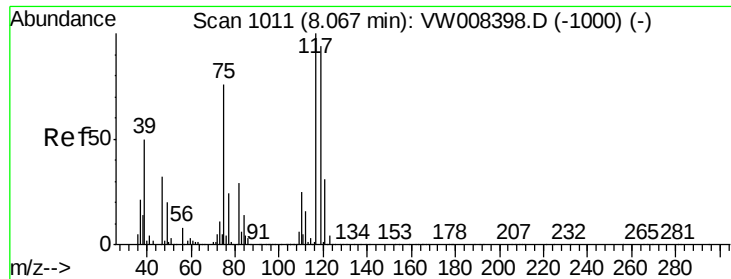
Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.3	52.0#
77	0.9	24.7	37.1#



#37
 Ethyl Acetate
 Concen: 14.388 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.08 min
 Lab File: VW008503.D
 Acq: 04 Feb 2019 15:55

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.1	15.1#
70	0.2	7.8	11.6#

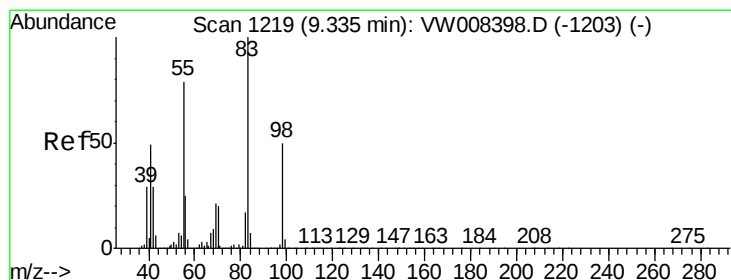
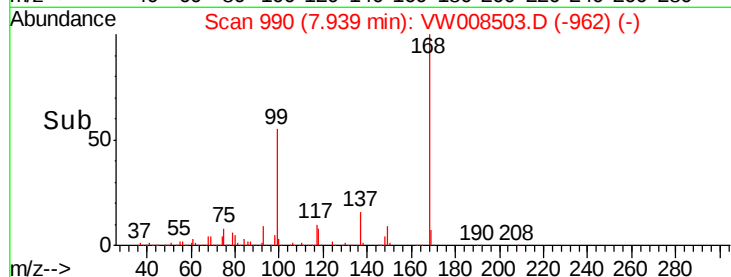
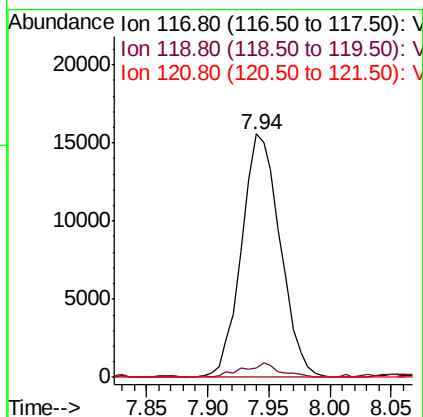
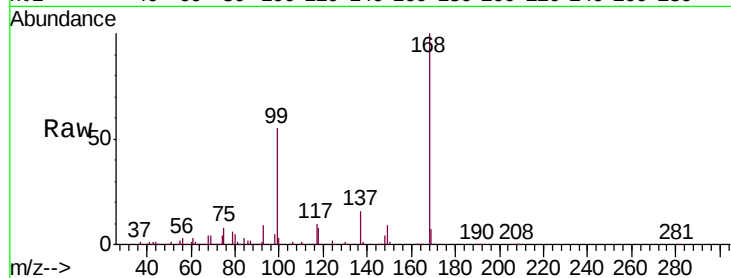




#38
Carbon Tetrachloride
Concen: 6.173 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW008503.D
Acq: 04 Feb 2019 15:55

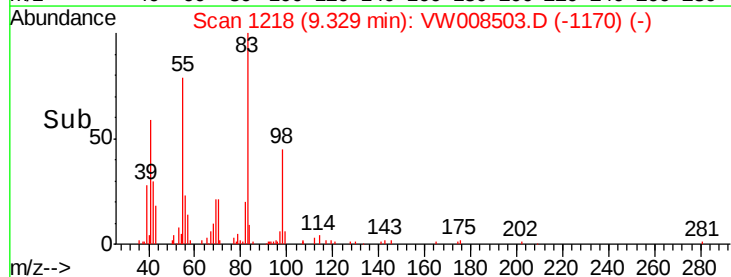
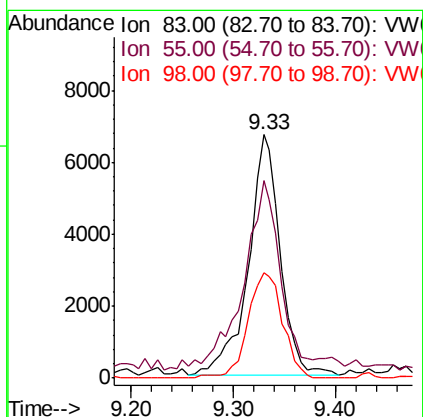
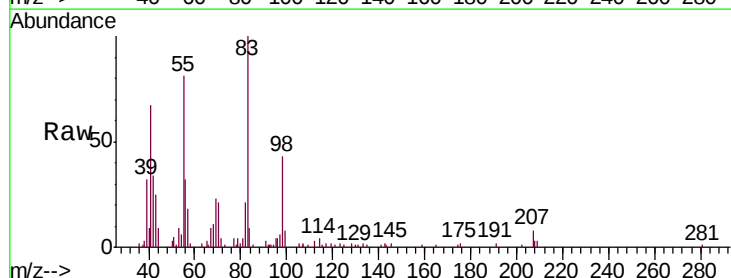
Instrument :
MSVOA_W
ClientSampleId :
0037-COMP-3

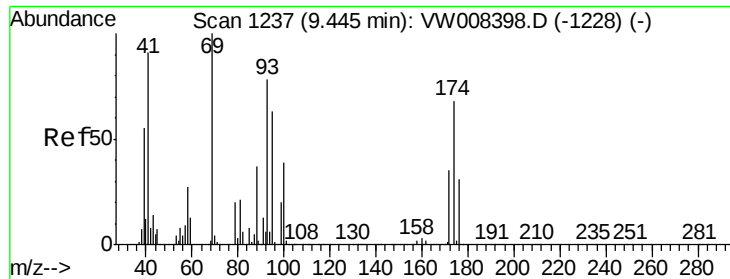
Tgt Ion: 117 Resp: 34224
Ion Ratio Lower Upper
117 100
119 3.8 75.0 112.4#
121 0.0 24.9 37.3#



#39
Methylcyclohexane
Concen: 2.019 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008503.D
Acq: 04 Feb 2019 15:55

Tgt Ion: 83 Resp: 14617
Ion Ratio Lower Upper
83 100
55 77.2 63.3 94.9
98 43.9 39.7 59.5

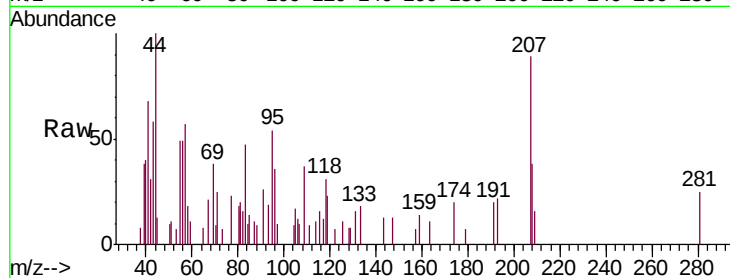




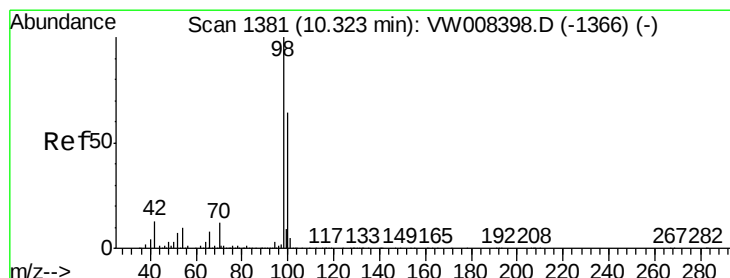
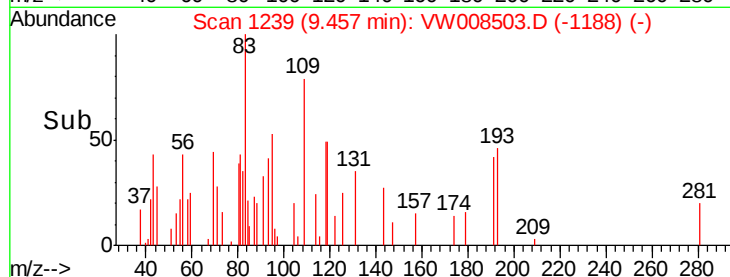
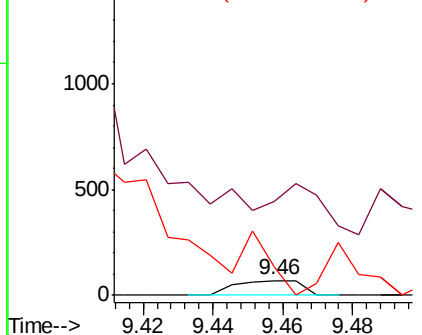
#49
1,4-Dioxane
Concen: 2.746 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW008503.D
Acq: 04 Feb 2019 15:55

Instrument :
MSVOA_W
ClientSampleId :
0037-COMP-3

Tgt Ion: 88 Resp: 91
Ion Ratio Lower Upper
88 100
43 0.0 29.0 43.4#
58 0.0 56.4 84.6#

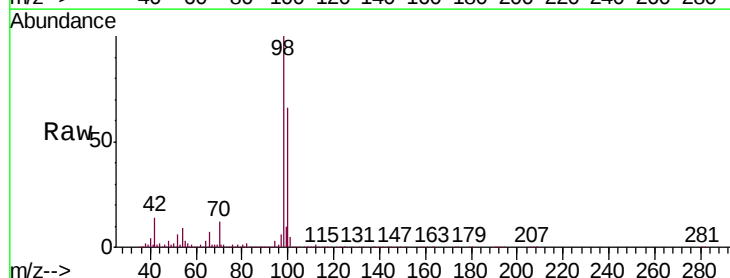


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

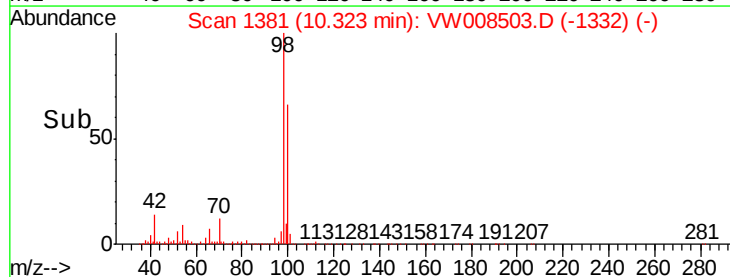
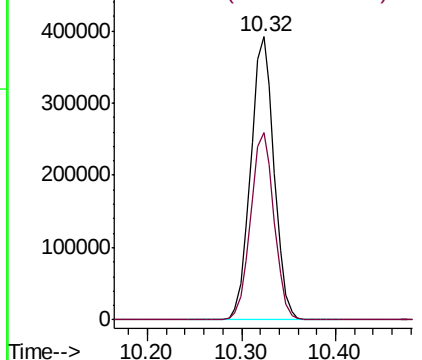


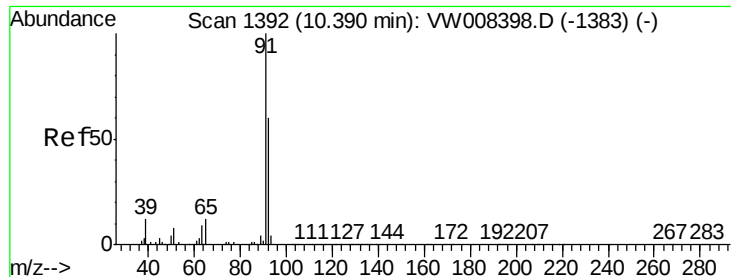
#50
Toluene-d8
Concen: 50.057 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008503.D
Acq: 04 Feb 2019 15:55

Tgt Ion: 98 Resp: 684622
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.148 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008503.D

Acq: 04 Feb 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

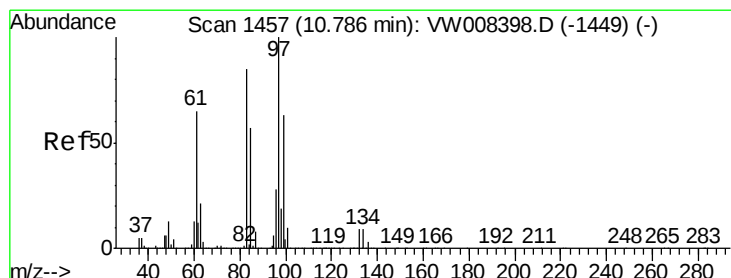
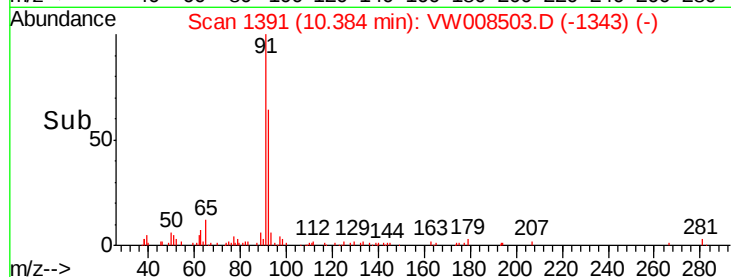
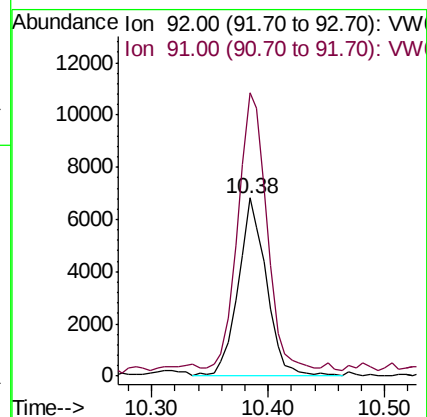
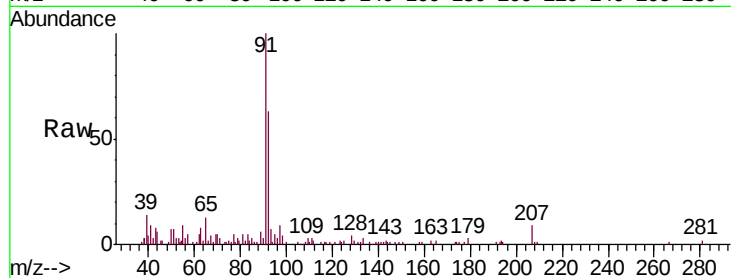
0037-COMP-3

Tgt Ion: 92 Resp: 11590

Ion Ratio Lower Upper

92 100

91 156.1 135.5 203.3



#55

1,1,2-Trichloroethane

Concen: 2.566 ug/l

RT: 10.76 min Scan# 1452

Delta R.T. -0.03 min

Lab File: VW008503.D

Acq: 04 Feb 2019 15:55

Tgt Ion: 97 Resp: 6979

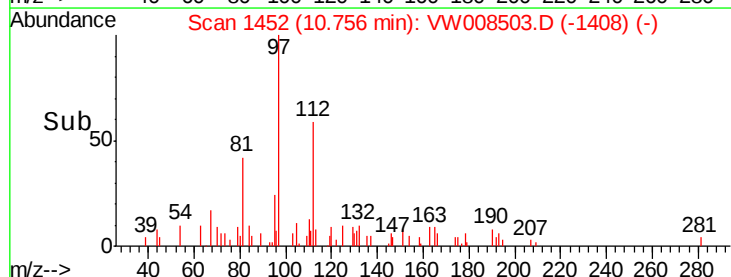
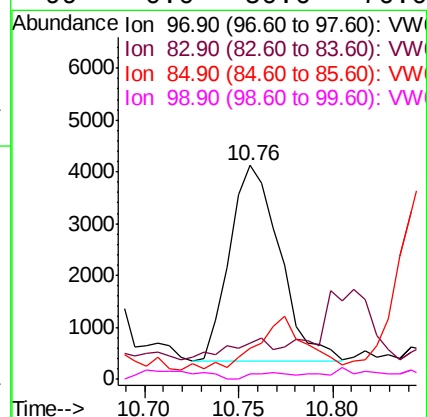
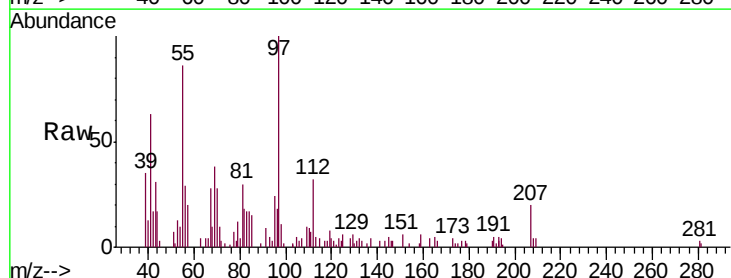
Ion Ratio Lower Upper

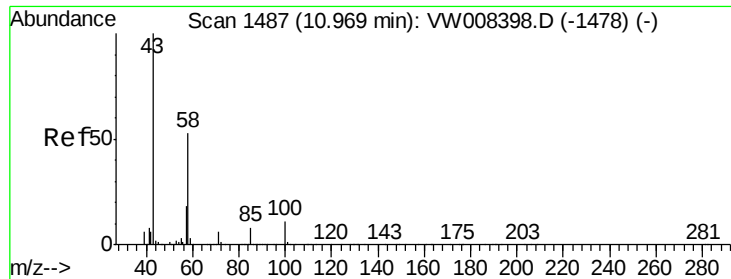
97 100

83 7.1 68.4 102.6#

85 8.9 45.3 67.9#

99 0.0 50.6 76.0#

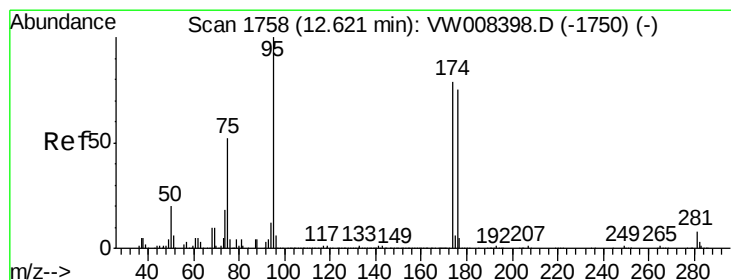
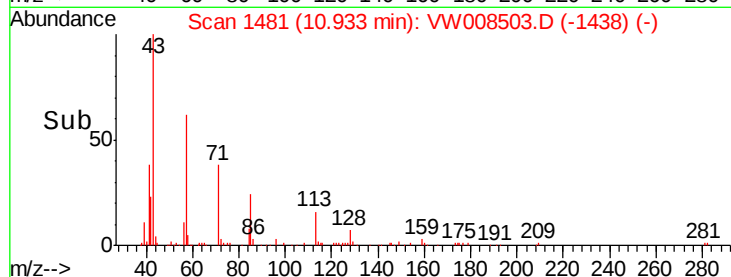
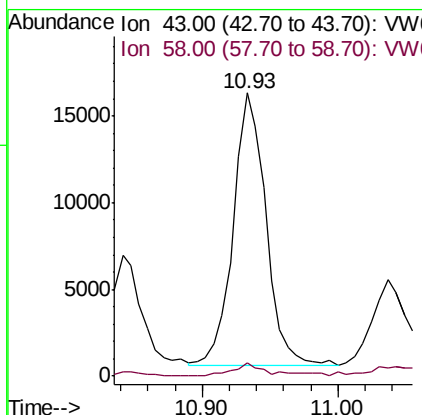
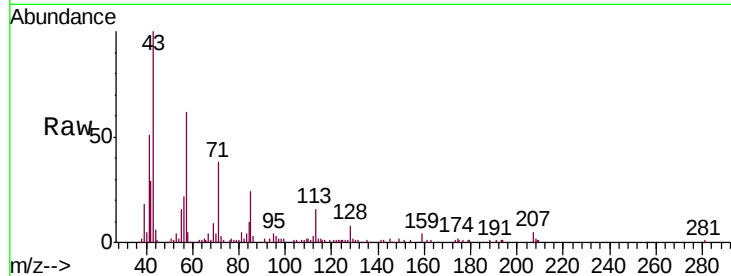




#59
2-Hexanone
Concen: 14.959 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW008503.D
Acq: 04 Feb 2019 15:55

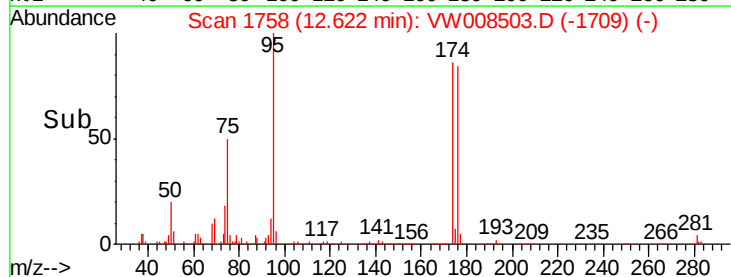
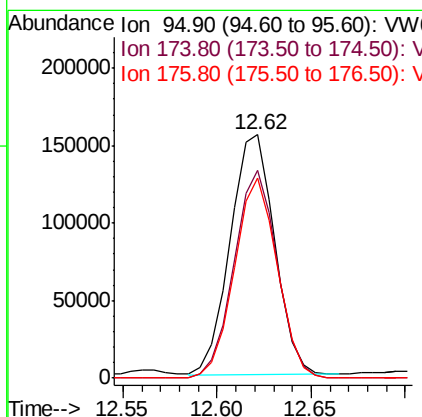
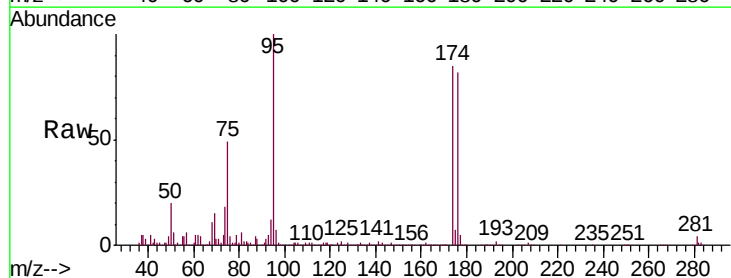
Instrument :
MSVOA_W
ClientSampleId :
0037-COMP-3

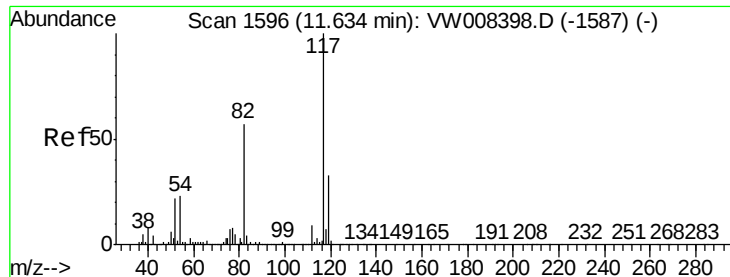
Tgt Ion: 43 Resp: 26422
Ion Ratio Lower Upper
43 100
58 5.1 25.9 77.7#



#62
4-Bromofluorobenzene
Concen: 48.090 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008503.D
Acq: 04 Feb 2019 15:55

Tgt Ion: 95 Resp: 252813
Ion Ratio Lower Upper
95 100
174 83.8 0.0 157.6
176 80.6 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: VW008503.D

Acq: 04 Feb 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

0037-COMP-3

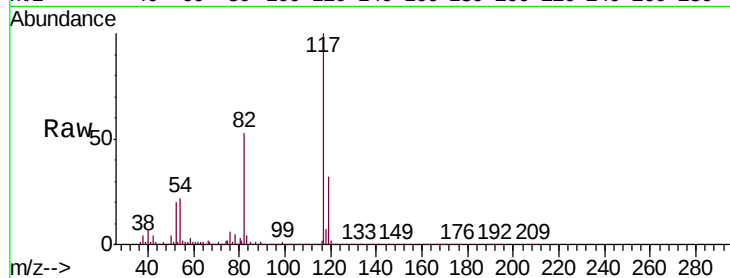
Tgt Ion:117 Resp: 522574

Ion Ratio Lower Upper

117 100

82 53.0 45.4 68.0

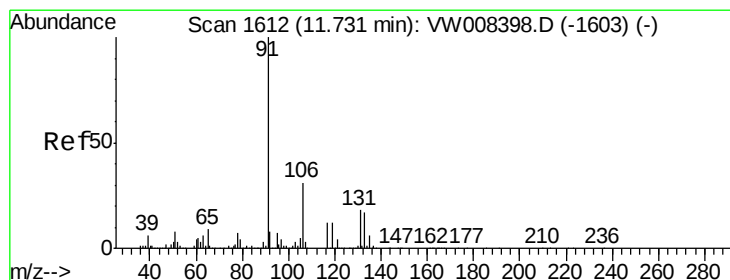
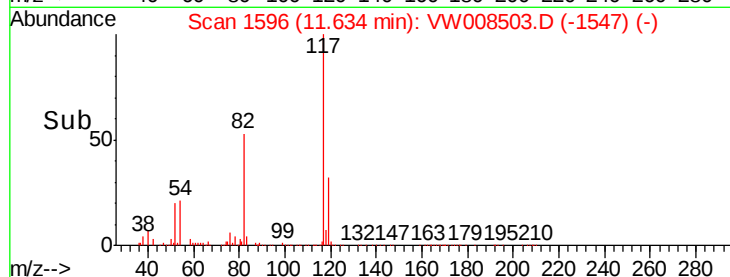
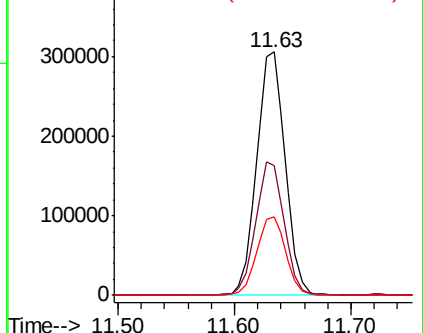
119 32.0 26.2 39.4



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: 11.600 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008503.D

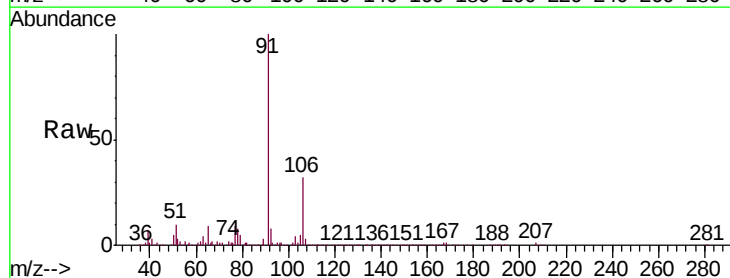
Acq: 04 Feb 2019 15:55

Tgt Ion: 91 Resp: 227461

Ion Ratio Lower Upper

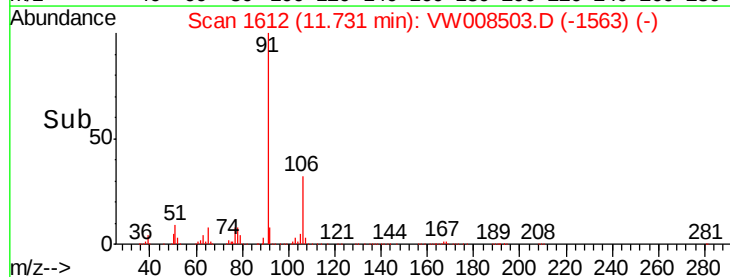
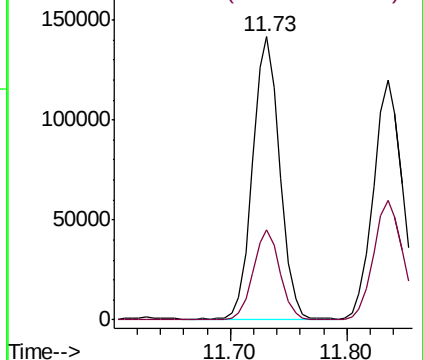
91 100

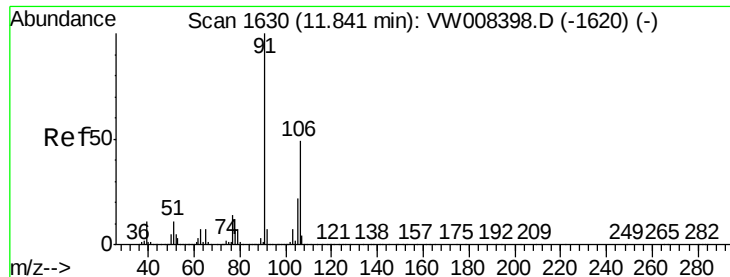
106 31.7 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

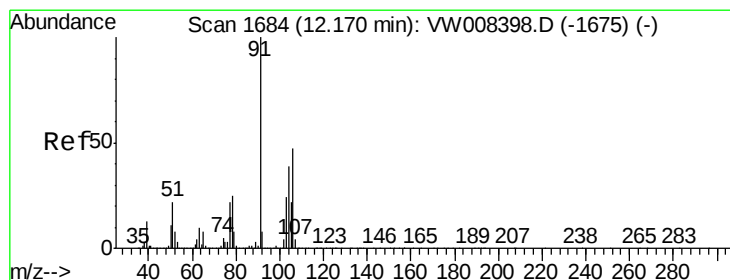
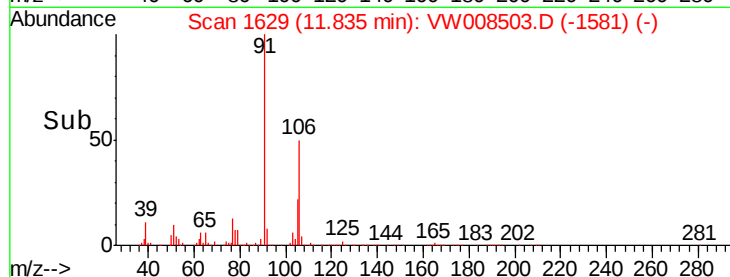
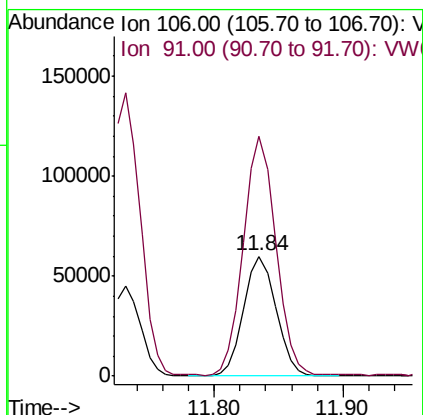
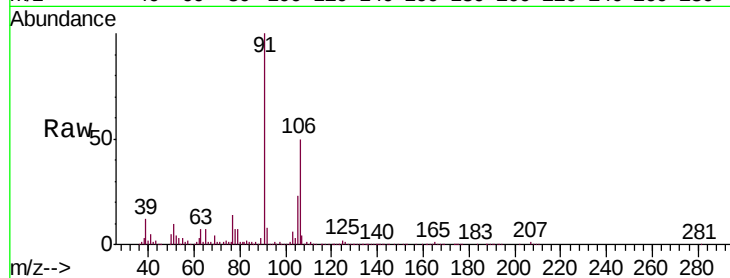




#68
m/p-Xylenes
Concen: 13.742 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008503.D
Acq: 04 Feb 2019 15:55

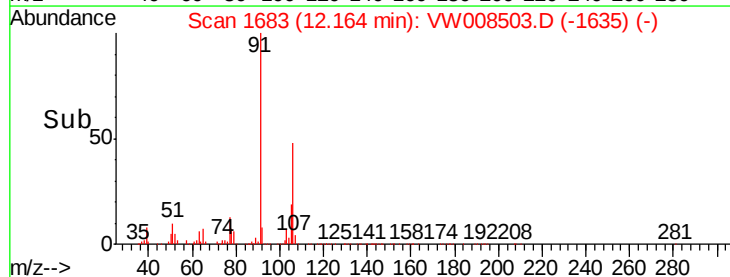
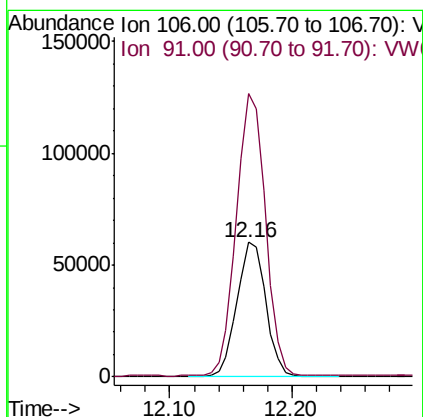
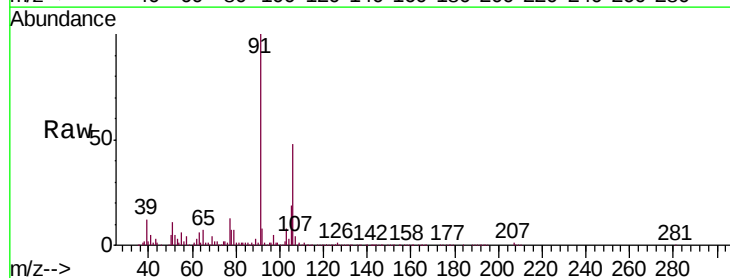
Instrument :
MSVOA_W
ClientSampleId :
0037-COMP-3

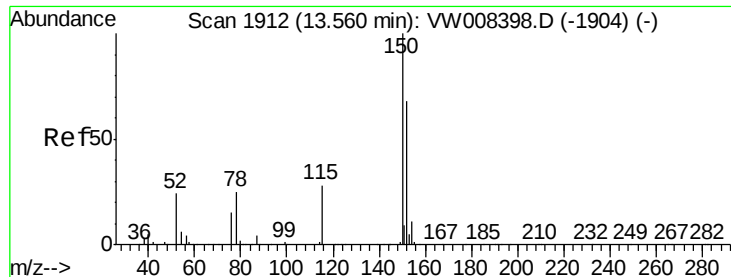
Tgt Ion:106 Resp: 104553
Ion Ratio Lower Upper
106 100
91 199.1 162.9 244.3



#69
o-Xylene
Concen: 13.569 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008503.D
Acq: 04 Feb 2019 15:55

Tgt Ion:106 Resp: 98088
Ion Ratio Lower Upper
106 100
91 212.9 107.5 322.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008503.D

Acq: 04 Feb 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

0037-COMP-3

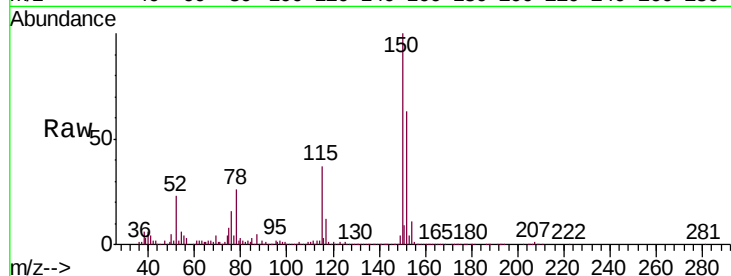
Tgt Ion:152 Resp: 246583

Ion Ratio Lower Upper

152 100

115 59.3 29.9 89.7

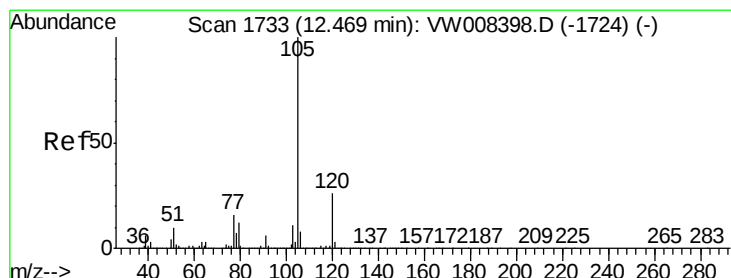
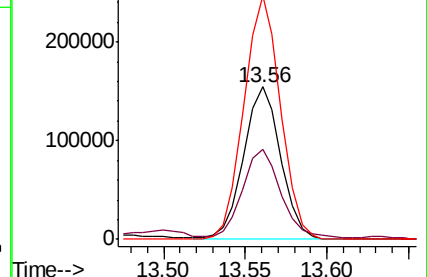
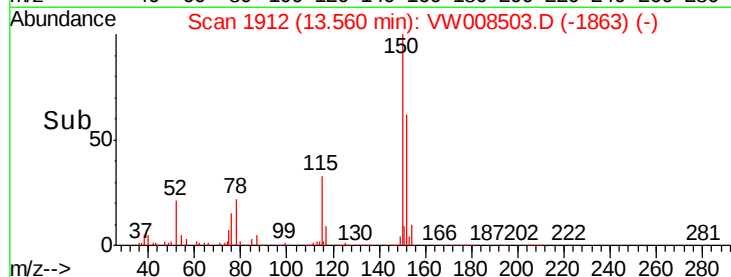
150 155.4 0.0 351.4



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: 7.189 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008503.D

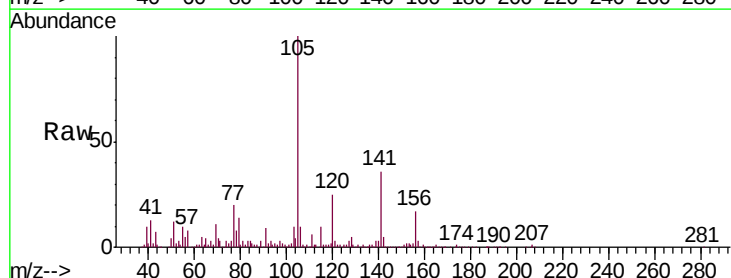
Acq: 04 Feb 2019 15:55

Tgt Ion:105 Resp: 132158

Ion Ratio Lower Upper

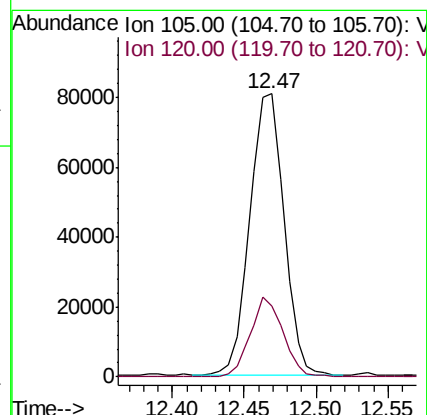
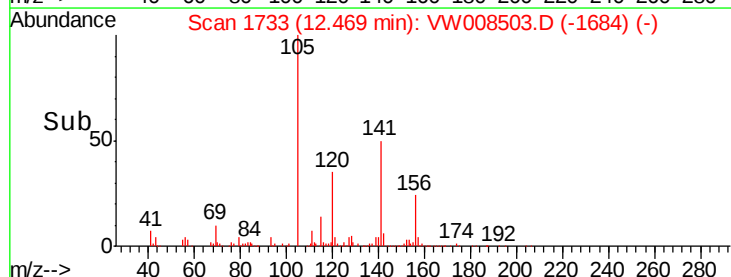
105 100

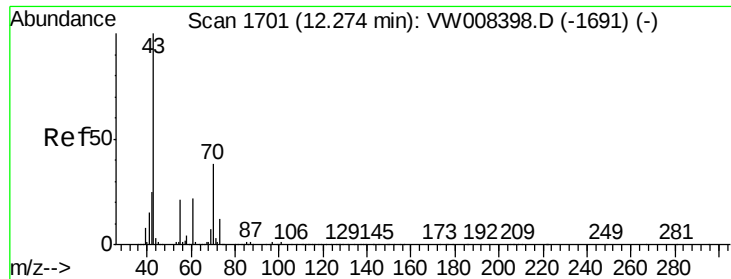
120 26.9 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 7.721 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW008503.D

Acq: 04 Feb 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

0037-COMP-3

Tgt Ion: 43 Resp: 36567

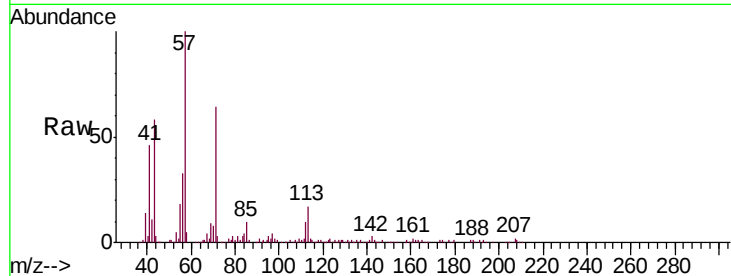
Ion Ratio Lower Upper

43 100

70 16.8 31.0 46.6#

55 0.0 17.4 26.2#

61 0.0 18.2 27.4#

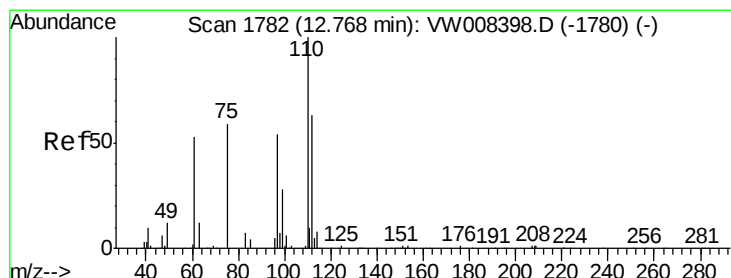
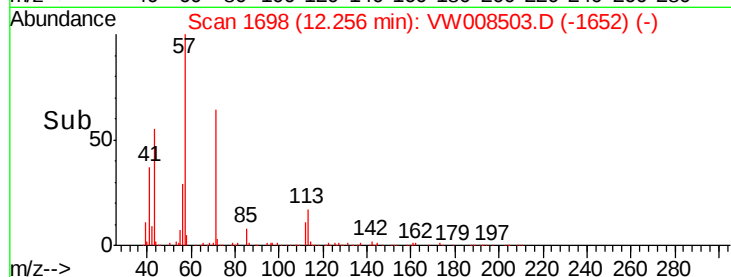
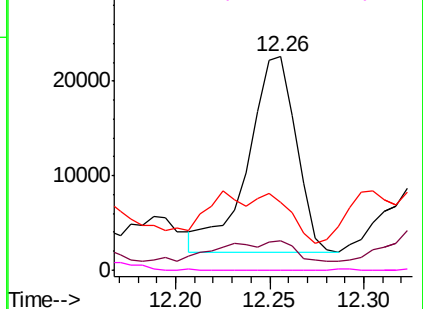


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#76

1,2,3-Trichloropropane

Concen: 4.017 ug/l

RT: 12.87 min Scan# 1798

Delta R.T. 0.10 min

Lab File: VW008503.D

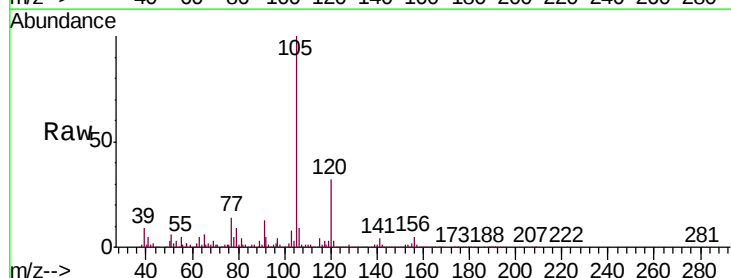
Acq: 04 Feb 2019 15:55

Tgt Ion: 75 Resp: 8612

Ion Ratio Lower Upper

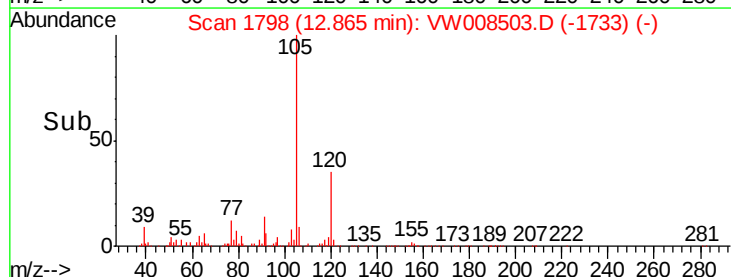
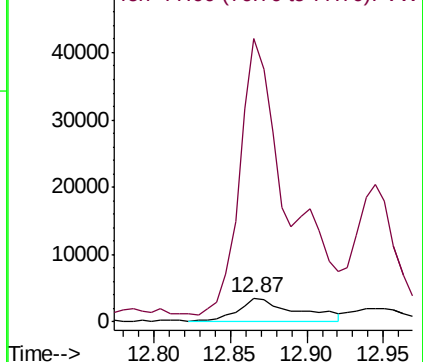
75 100

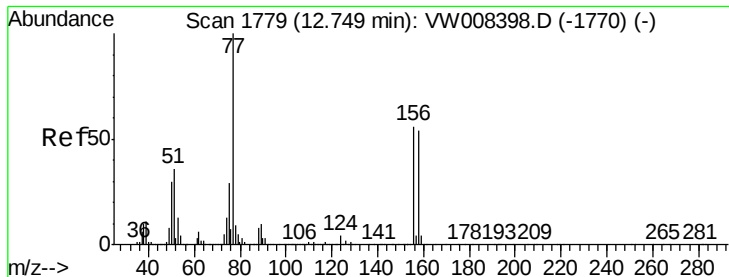
77 790.8 180.7 542.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 47.337 ug/l

RT: 12.91 min Scan# 1806

Delta R.T. 0.16 min

Lab File: VW008503.D

Acq: 04 Feb 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

0037-COMP-3

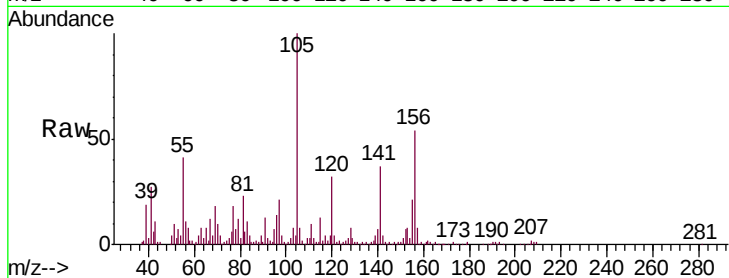
Tgt Ion: 156 Resp: 190047

Ion Ratio Lower Upper

156 100

77 0.0 96.9 290.7#

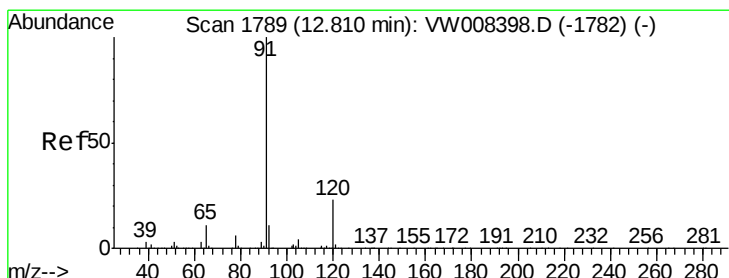
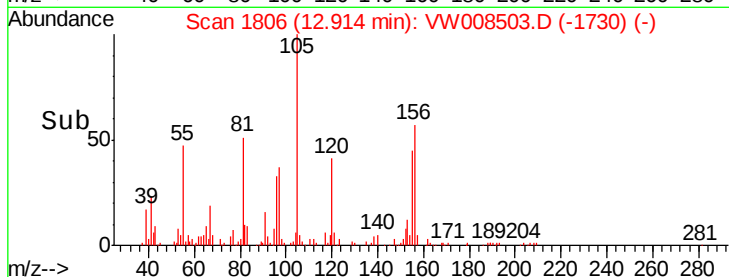
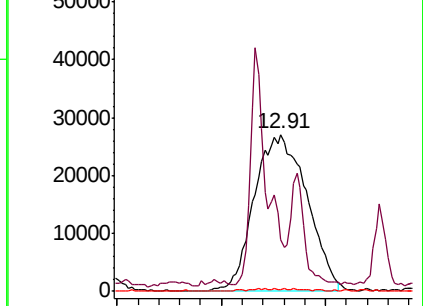
158 0.2 48.8 146.4#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.096 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008503.D

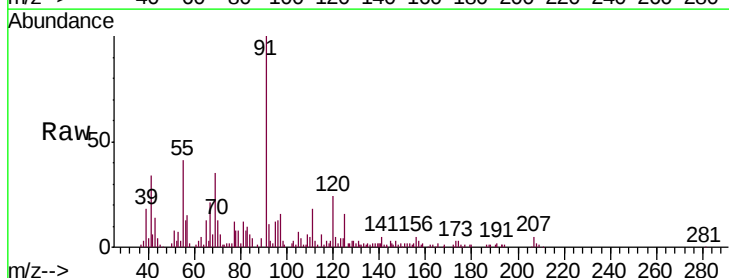
Acq: 04 Feb 2019 15:55

Tgt Ion: 91 Resp: 24198

Ion Ratio Lower Upper

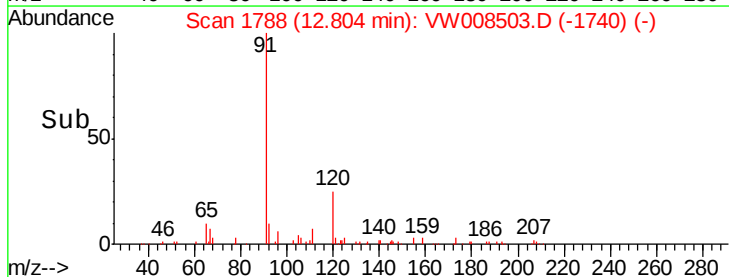
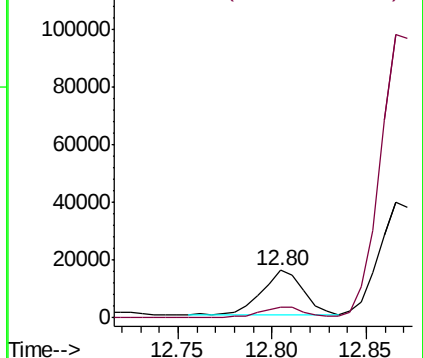
91 100

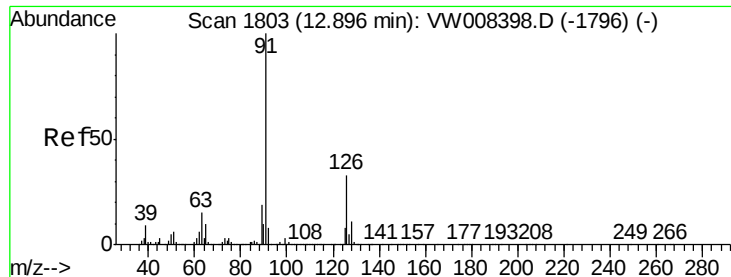
120 0.0 11.4 34.1#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.116 ug/l

RT: 12.87 min Scan# 1798

Delta R.T. -0.03 min

Lab File: VW008503.D

Acq: 04 Feb 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

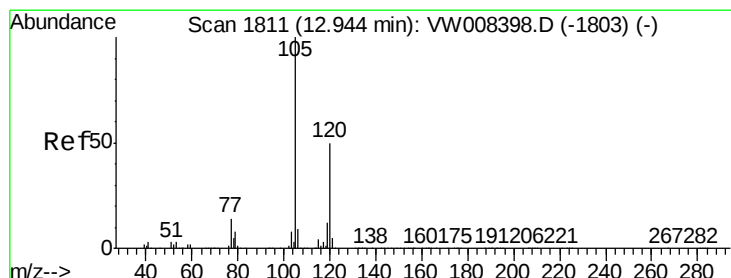
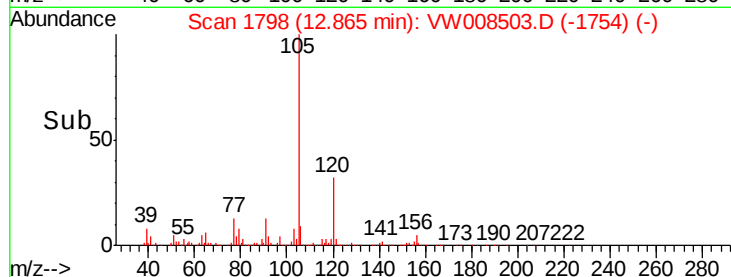
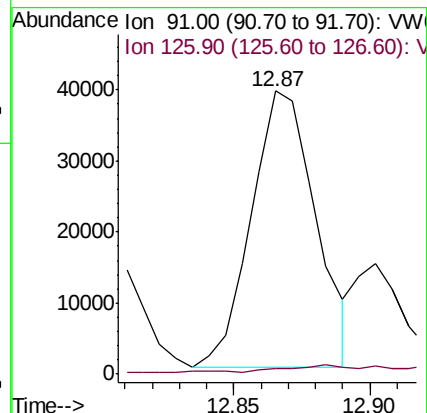
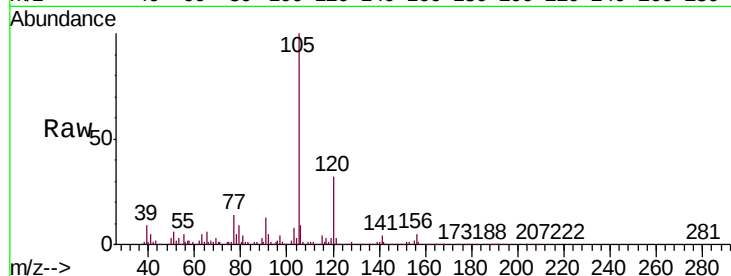
0037-COMP-3

Tgt Ion: 91 Resp: 63741

Ion Ratio Lower Upper

91 100

126 3.5 16.5 49.5#



#80

1,3,5-Trimethylbenzene

Concen: 12.826 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008503.D

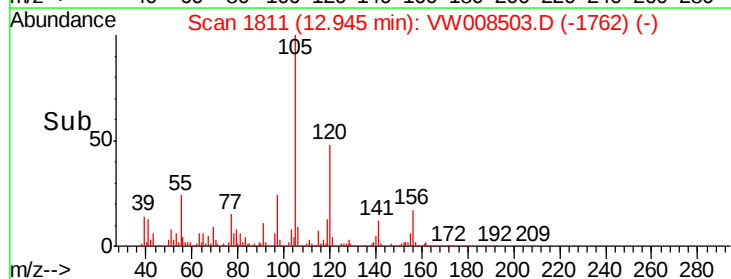
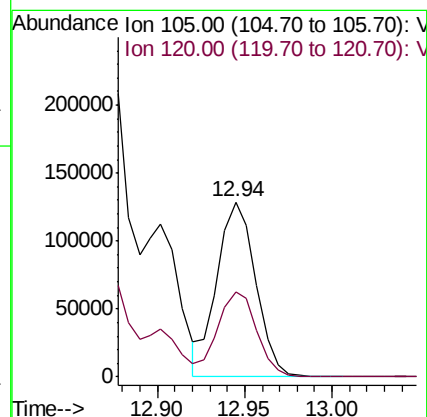
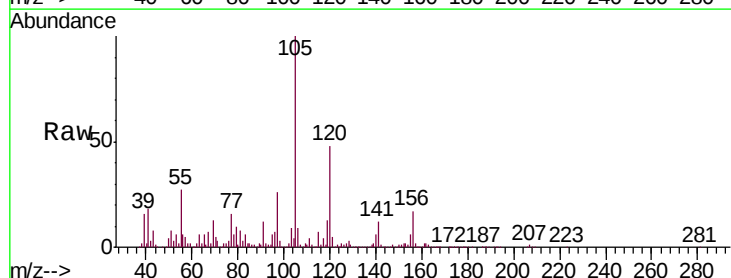
Acq: 04 Feb 2019 15:55

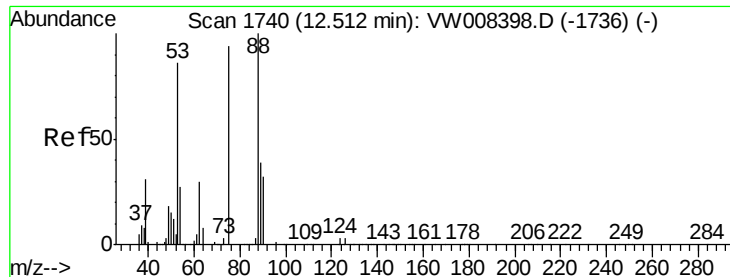
Tgt Ion: 105 Resp: 197083

Ion Ratio Lower Upper

105 100

120 49.4 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 6.649 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.05 min

Lab File: VW008503.D

Acq: 04 Feb 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

0037-COMP-3

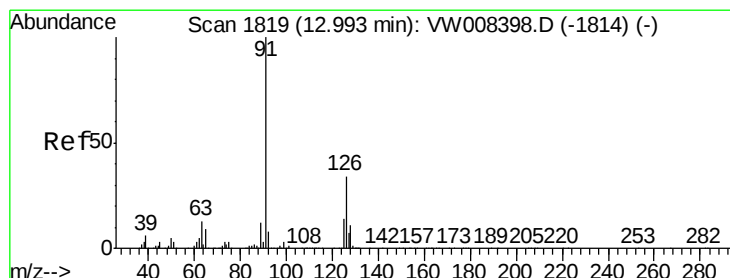
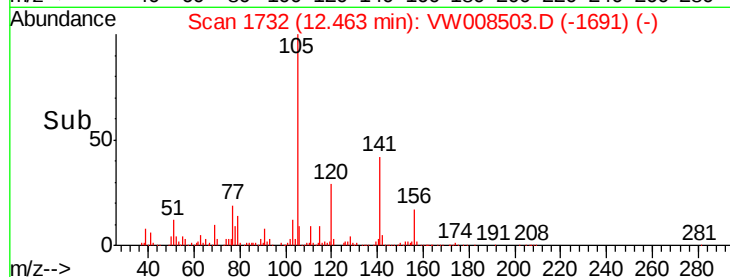
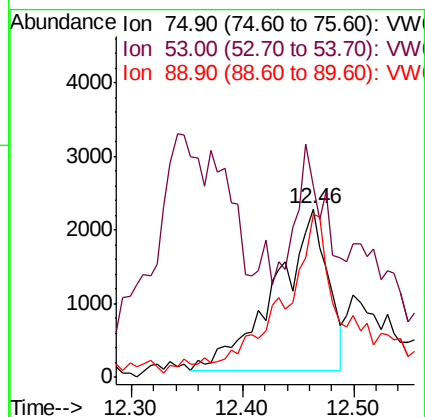
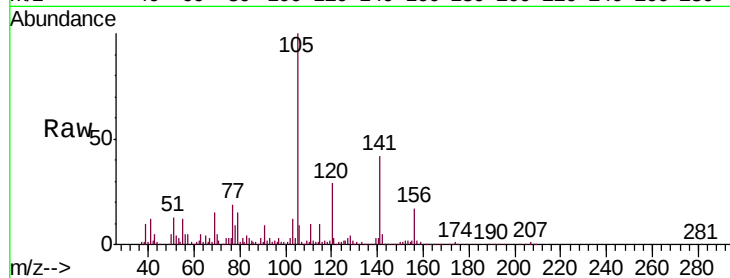
Tgt Ion: 75 Resp: 7217

Ion Ratio Lower Upper

75 100

53 34.9 76.0 114.0#

89 74.2 35.4 53.0#



#82

4-Chlorotoluene

Concen: 1.612 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.05 min

Lab File: VW008503.D

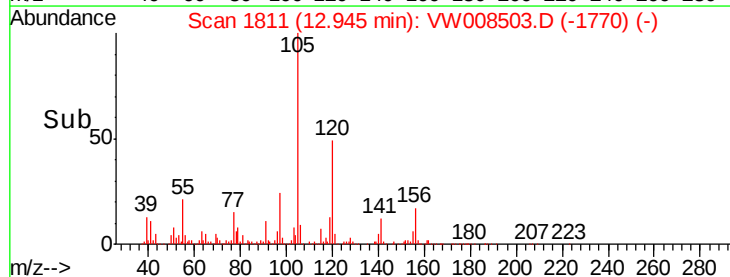
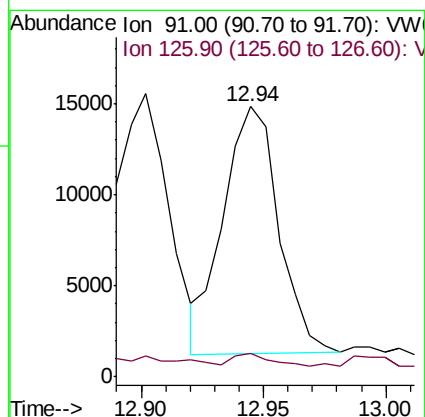
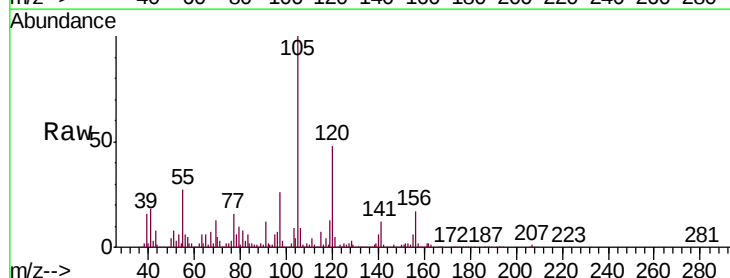
Acq: 04 Feb 2019 15:55

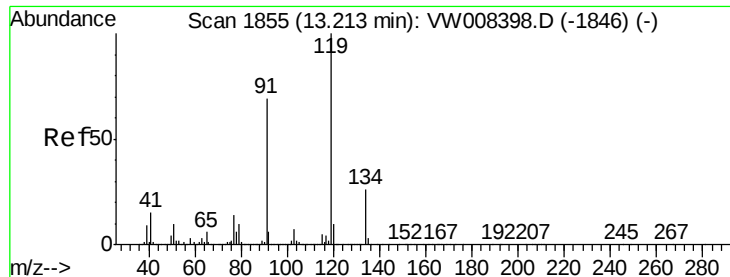
Tgt Ion: 91 Resp: 21381

Ion Ratio Lower Upper

91 100

126 3.5 16.4 49.2#

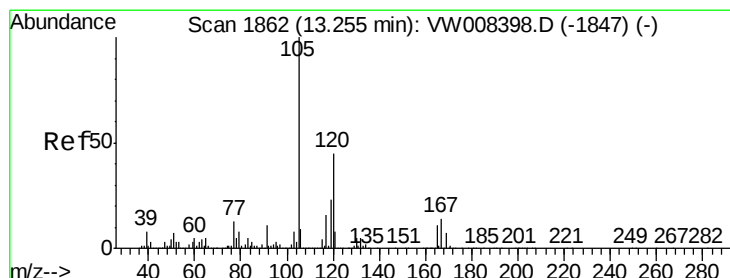
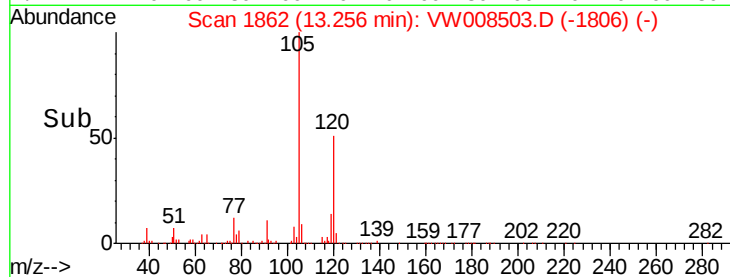
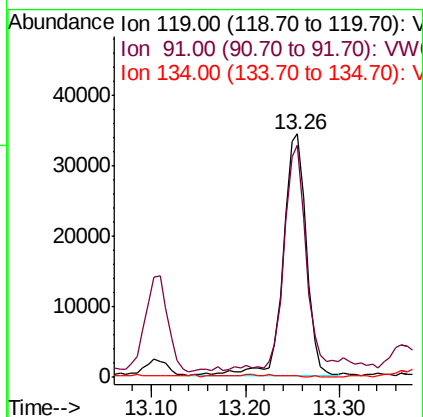
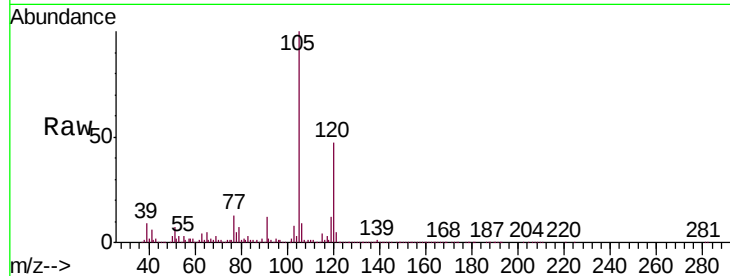




#83
tert-Butylbenzene
Concen: 4.251 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.04 min
Lab File: VW008503.D
Acq: 04 Feb 2019 15:55

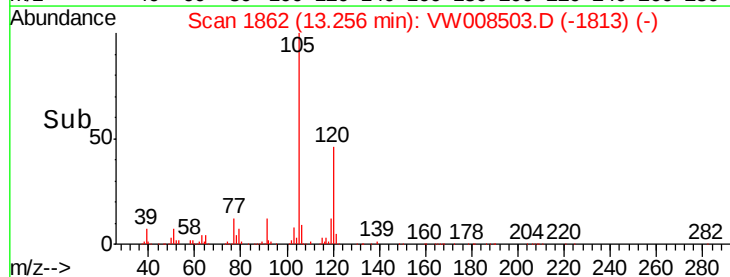
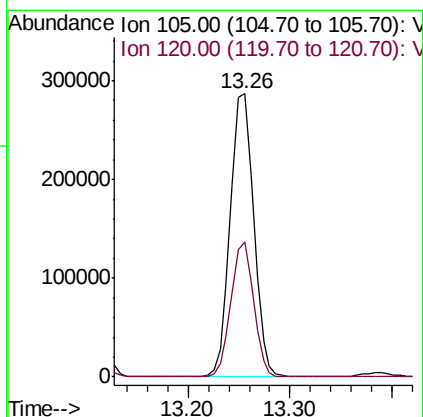
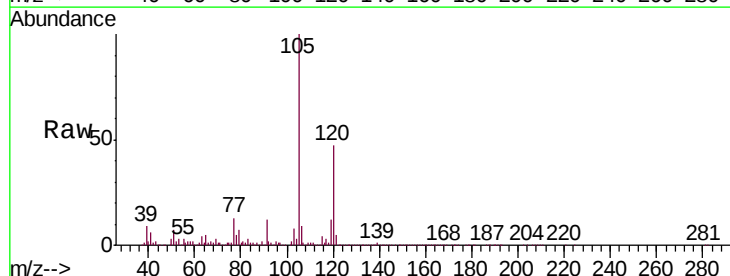
Instrument :
MSVOA_W
ClientSampleId :
0037-COMP-3

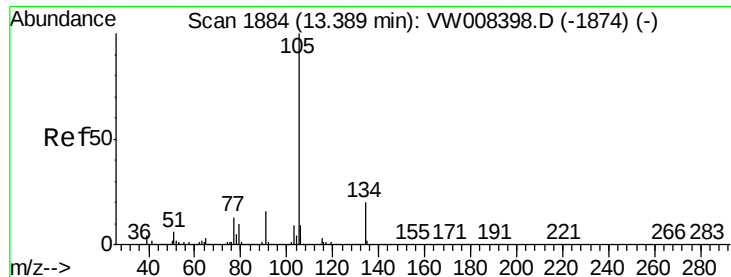
Tgt Ion:119 Resp: 58119
Ion Ratio Lower Upper
119 100
91 86.7 33.8 101.4
134 0.0 13.5 40.4#



#84
1,2,4-Trimethylbenzene
Concen: 29.095 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008503.D
Acq: 04 Feb 2019 15:55

Tgt Ion:105 Resp: 454394
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.2

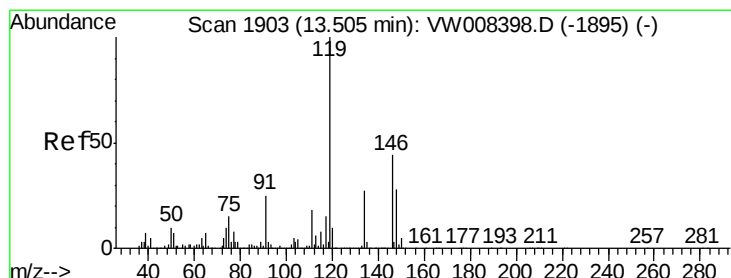
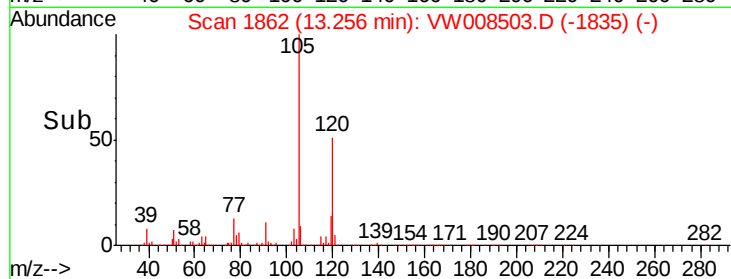
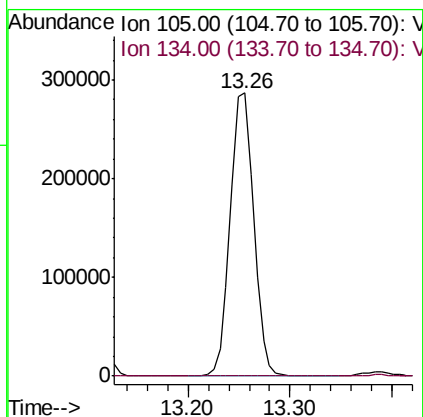
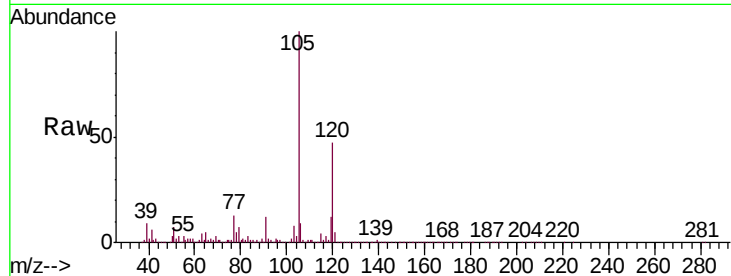




#85
 sec-Butylbenzene
 Concen: 23.270 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.13 min
 Lab File: VW008503.D
 Acq: 04 Feb 2019 15:55

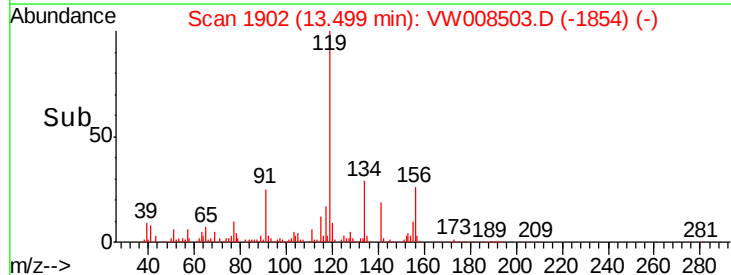
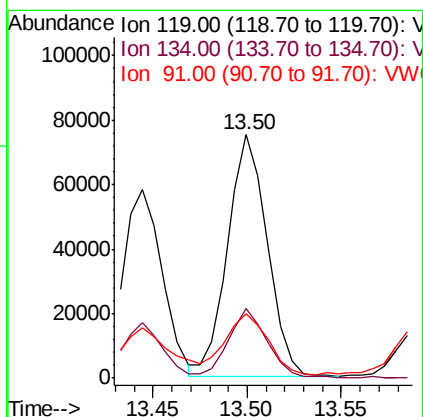
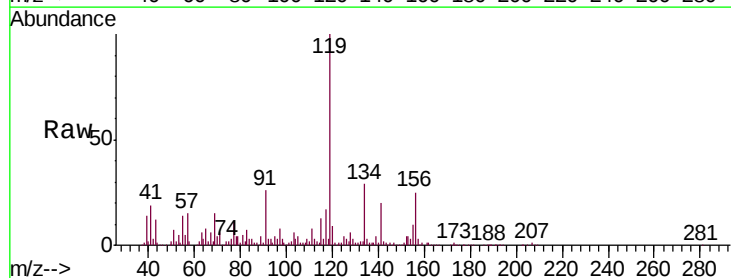
Instrument :
 MSVOA_W
 ClientSampleId :
 0037-COMP-3

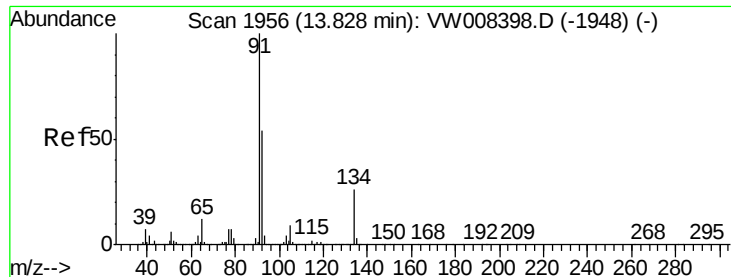
Tgt Ion:105 Resp: 454394
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.6#



#86
 p-Isopropyltoluene
 Concen: 6.413 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008503.D
 Acq: 04 Feb 2019 15:55

Tgt Ion:119 Resp: 109689
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.4 40.2
 91 26.8 12.6 37.6





#89

n-Butylbenzene

Concen: 2.165 ug/l

RT: 13.79 min Scan# 1950

Delta R.T. -0.04 min

Lab File: VW008503.D

Acq: 04 Feb 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

0037-COMP-3

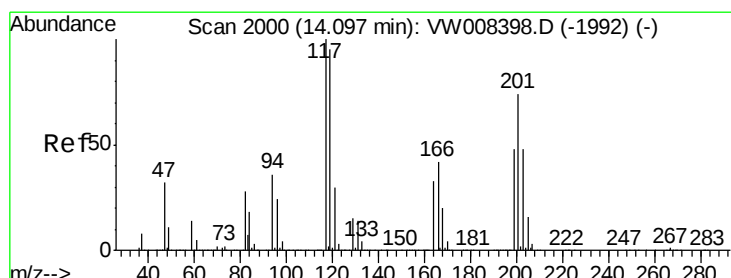
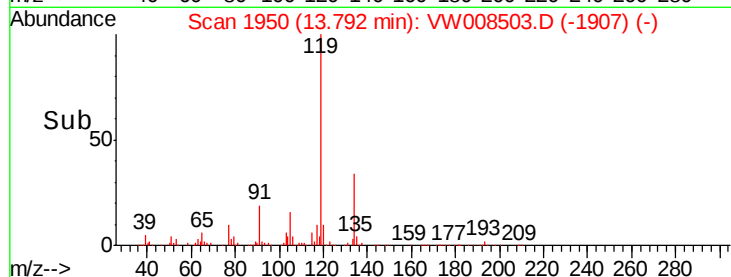
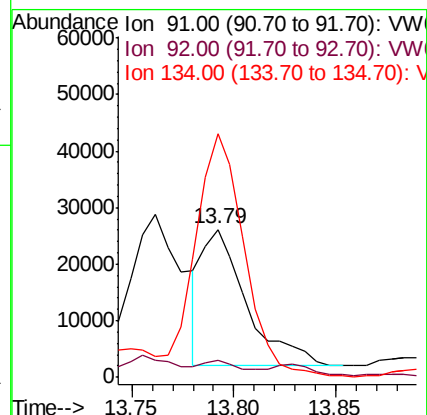
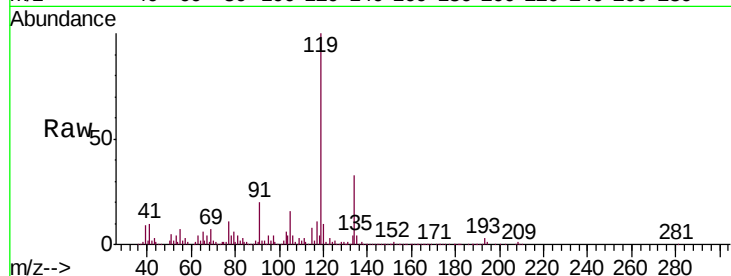
Tgt Ion: 91 Resp: 36359

Ion Ratio Lower Upper

91 100

92 3.9 27.4 82.2#

134 197.7 13.0 39.0#



#90

Hexachloroethane

Concen: 6.726 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW008503.D

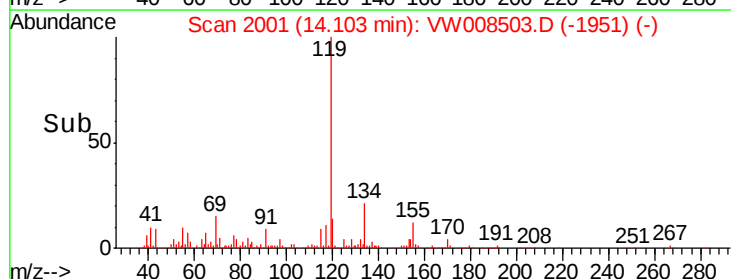
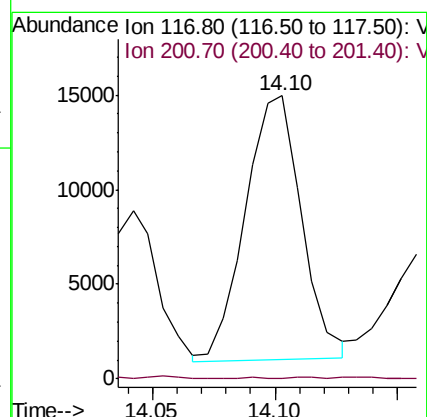
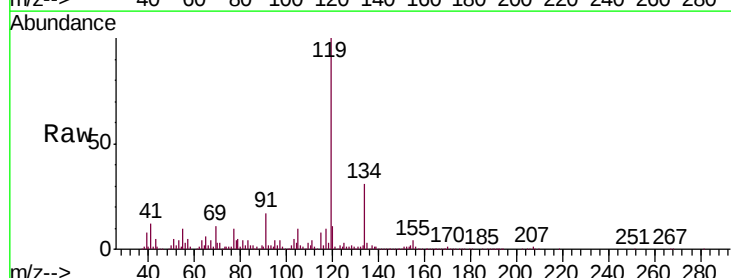
Acq: 04 Feb 2019 15:55

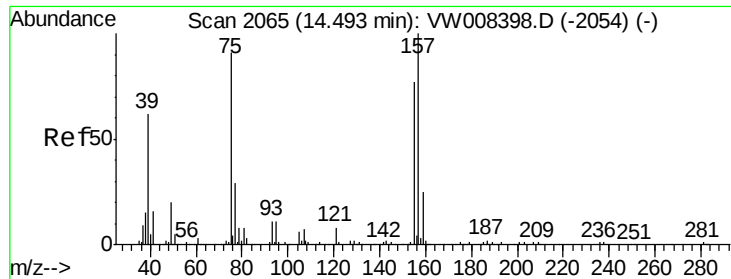
Tgt Ion: 117 Resp: 22499

Ion Ratio Lower Upper

117 100

201 0.4 39.1 117.5#

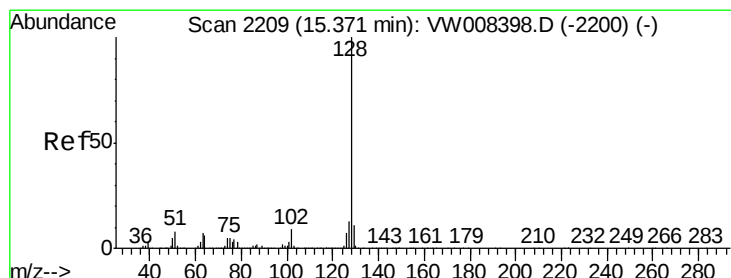
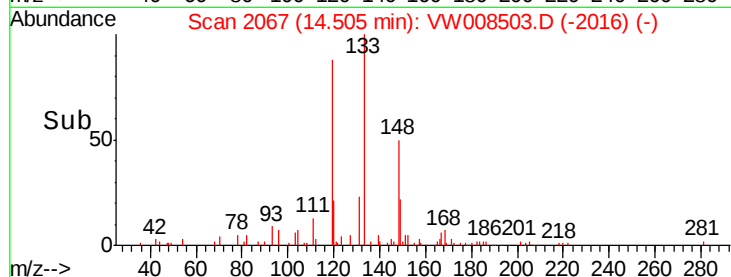
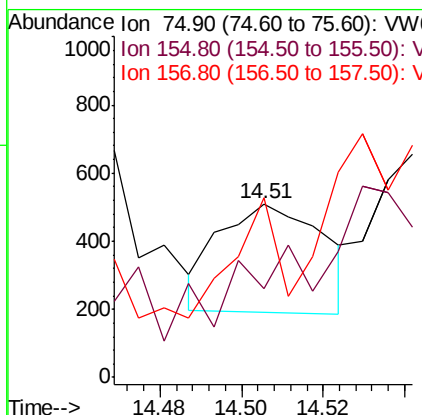
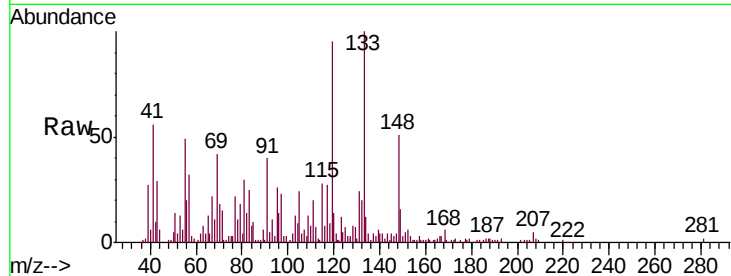




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.020 ug/l
 RT: 14.51 min Scan# 2067
 Delta R.T. 0.01 min
 Lab File: VW008503.D
 Acq: 04 Feb 2019 15:55

Instrument :
 MSVOA_W
 ClientSampleId :
 0037-COMP-3

Tgt Ion: 75 Resp: 563
 Ion Ratio Lower Upper
 75 100
 155 0.0 42.7 128.1#
 157 49.9 55.5 166.3#



#95
 Naphthalene
 Concen: 825.453 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VW008503.D
 Acq: 04 Feb 2019 15:55

Tgt Ion: 128 Resp: 7420230
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.6 15.8
 129 11.1 8.7 13.1

