

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010919\
 Data File : VW008139.D
 Acq On : 10 Jan 2019 08:58
 Operator : SY/AP
 Sample : K1006-09
 Misc : 4.67G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-010819-E

Quant Time: Jan 10 11:12:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	3471	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	3015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	815	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	1559	72.43	ug/l	0.00
Spiked Amount			Recovery	=	144.86%	
35) Dibromofluoromethane	7.89	113	1278	63.13	ug/l	0.00
Spiked Amount			Recovery	=	126.26%	
50) Toluene-d8	10.33	98	4309	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.62	95	1330	43.67	ug/l	0.00
Spiked Amount			Recovery	=	87.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.22	50	84	4.143	ug/l #	24
4) Vinyl Chloride	2.26	62	40	1.512	ug/l #	1
5) Bromomethane	2.67	94	20	1.009	ug/l #	3
8) Diethyl Ether	3.63	74	19	1.562	ug/l #	1
11) Tert butyl alcohol	5.17	59	72	30.761	ug/l #	100
12) 1,1-Dichloroethene	3.99	96	21	1.001	ug/l #	1
13) Acrolein	3.91	56	26	16.749	ug/l #	14
14) Allyl chloride	4.66	41	78	2.049	ug/l #	1
15) Acrylonitrile	5.38	53	22	4.751	ug/l #	1
16) Acetone	4.12	43	1853	500.129	ug/l	94
18) Methyl Acetate	4.67	43	96	7.057	ug/l #	52
20) Methylene Chloride	4.93	84	74	Below Cal	#	39
23) Vinyl Acetate	6.26	43	59	1.547	ug/l #	74
25) 2-Butanone	7.20	43	46	7.682	ug/l #	49
28) Bromochloromethane	7.57	49	26	1.554	ug/l #	18
29) Tetrahydrofuran	7.55	42	107	26.749	ug/l #	35
31) Cyclohexane	7.96	56	78	1.722	ug/l #	17
36) 1,1-Dichloropropene	7.94	75	142	3.971	ug/l #	42
37) Ethyl Acetate	7.23	43	19	1.326	ug/l #	1
38) Carbon Tetrachloride	7.95	117	206	6.295	ug/l #	12
41) Methacrylonitrile	7.46	41	55	6.078	ug/l #	1
43) Isopropyl Acetate	8.43	43	61	2.130	ug/l #	80
46) Dibromomethane	9.48	93	20	1.694	ug/l #	6
48) Methyl methacrylate	9.43	41	55	4.070	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	50	3.607	ug/l #	37
55) 1,1,2-Trichloroethane	10.65	97	19	1.146	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.93	63	38	3.583	ug/l #	48
59) 2-Hexanone	11.12	43	44	4.693	ug/l	85
60) Dibromochloromethane	11.18	129	20	1.098	ug/l	80
66) 1,1,1,2-Tetrachloroethane	11.48	131	22	1.059	ug/l #	8
74) N-amyl acetate	12.26	43	87	6.140	ug/l #	16
75) 1,1,2,2-Tetrachloroethane	12.64	83	42	4.101	ug/l #	25
76) 1,2,3-Trichloropropane	12.62	75	710	95.564	ug/l #	1
77) Bromobenzene	12.88	156	23	1.701	ug/l #	25

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Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

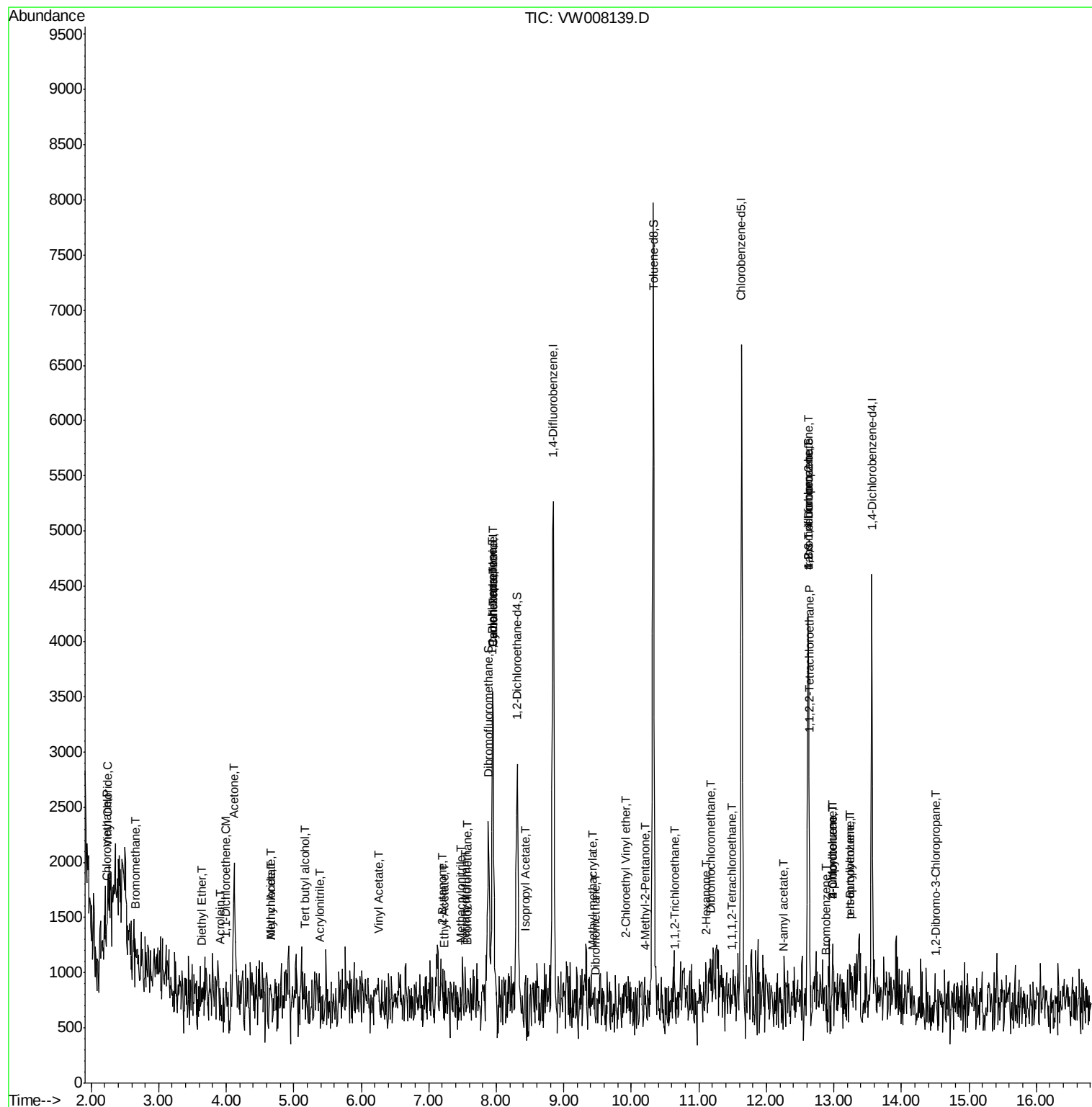
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	12.99	91	79	1.008	ug/l #	53
79) 2-Chlorotoluene	12.99	91	79	1.806	ug/l #	41
81) trans-1,4-Dichloro-2-buten	12.62	75	710	222.538	ug/l #	10
82) 4-Chlorotoluene	12.99	91	79	1.715	ug/l #	42
83) tert-Butylbenzene	13.24	119	75	1.612	ug/l #	25
86) p-Isopropyltoluene	13.24	119	75	1.275	ug/l #	49
92) 1,2-Dibromo-3-Chloropropan	14.51	75	23	13.954	ug/l #	6

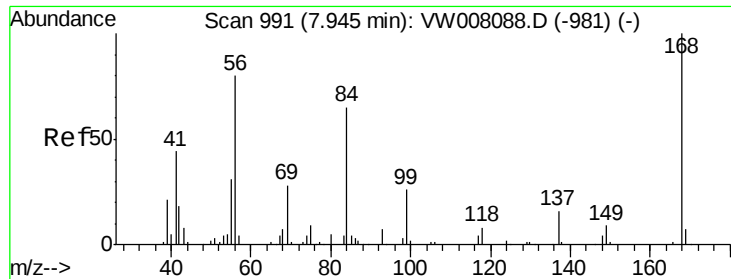
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008139.D

Acq: 10 Jan 2019 08:58

Instrument :

MSVOA_W

ClientSampleId :

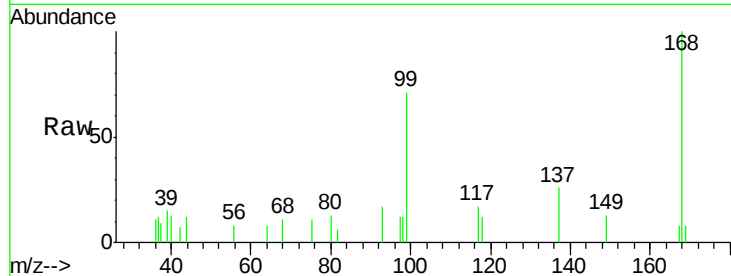
JC-03-010819-E

Tot Ion:168 Resp: 1915

Ion Ratio Lower Upper

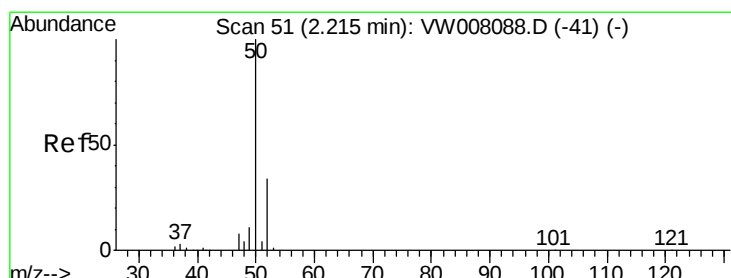
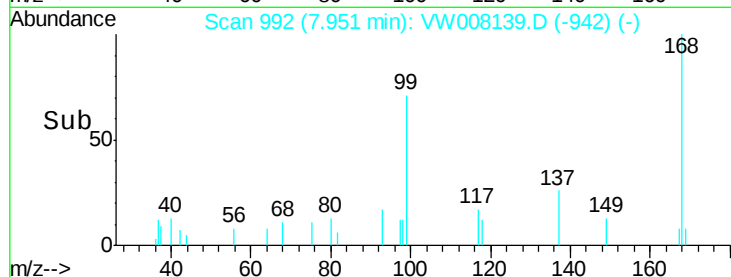
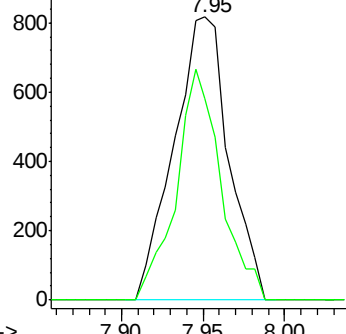
168 100

99 71.2 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#3

Chloromethane

Concen: 4.143 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW008139.D

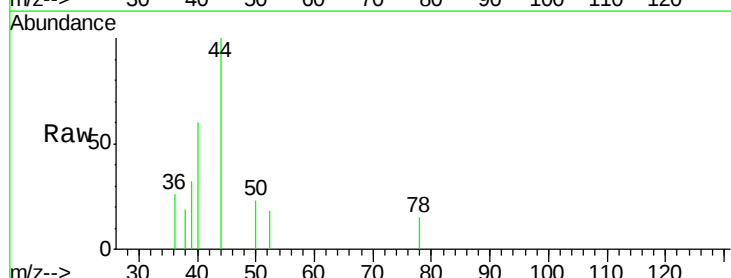
Acq: 10 Jan 2019 08:58

Tgt Ion: 50 Resp: 84

Ion Ratio Lower Upper

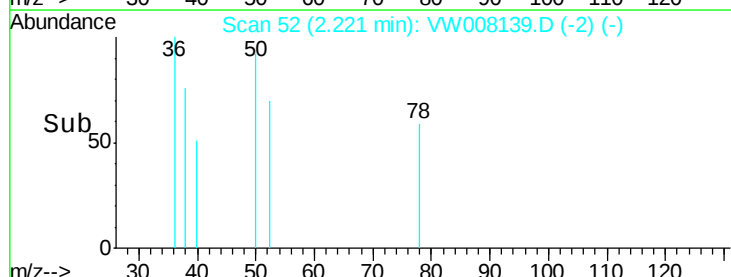
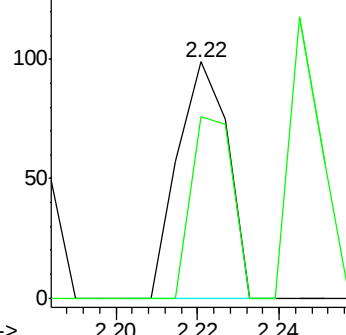
50 100

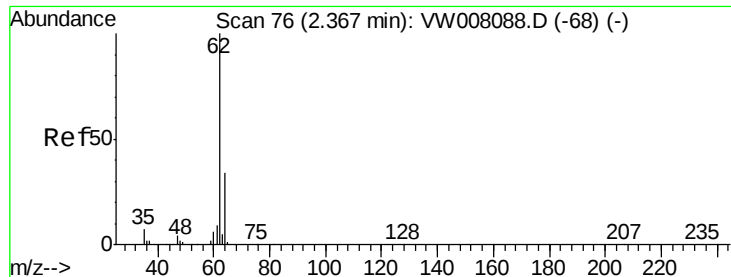
52 76.8 26.8 40.2#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW





#4

Vinyl Chloride

Concen: 1.512 ug/l

RT: 2.26 min Scan# 58

Delta R.T. -0.11 min

Lab File: VW008139.D

Acq: 10 Jan 2019 08:58

Instrument :

MSVOA_W

ClientSampleId :

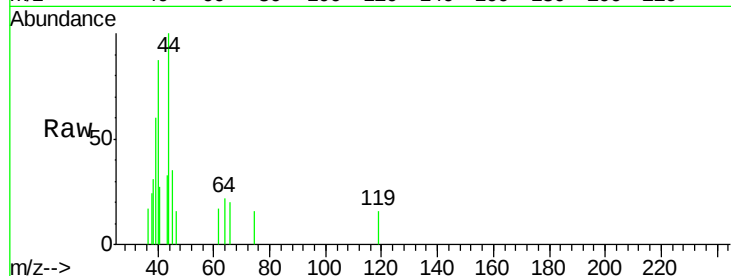
JC-03-010819-E

Tot Ion: 62 Resp: 40

Ion Ratio Lower Upper

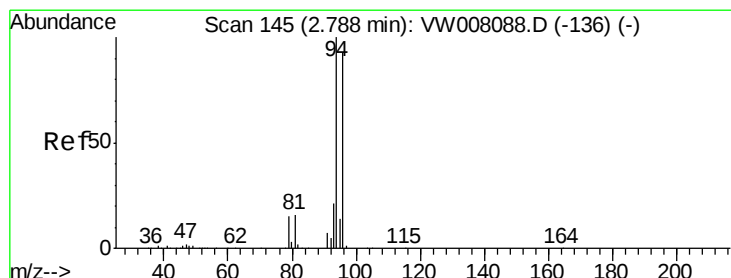
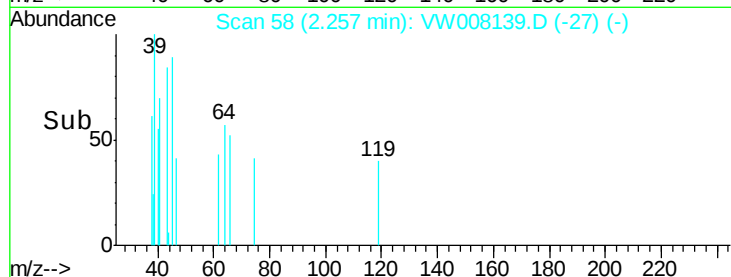
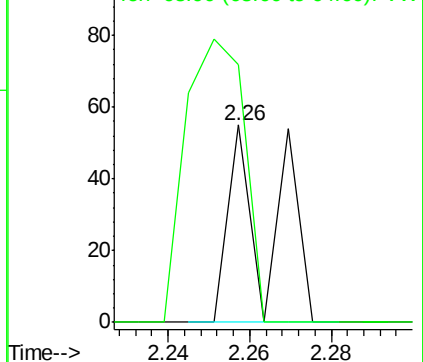
62 100

64 130.9 27.0 40.6#



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW



#5

Bromomethane

Concen: 1.009 ug/l

RT: 2.67 min Scan# 125

Delta R.T. -0.12 min

Lab File: VW008139.D

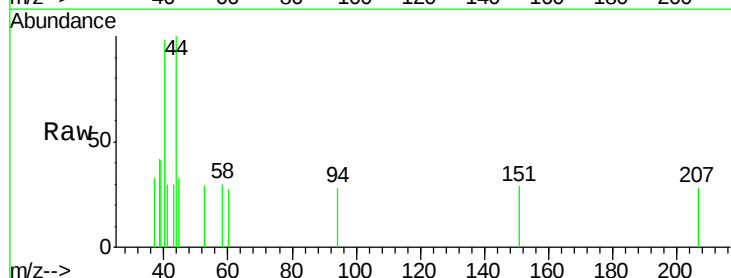
Acq: 10 Jan 2019 08:58

Tgt Ion: 94 Resp: 20

Ion Ratio Lower Upper

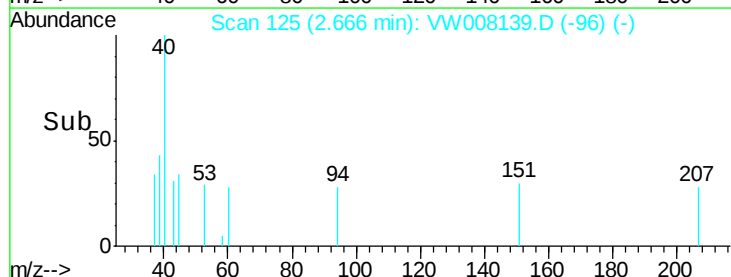
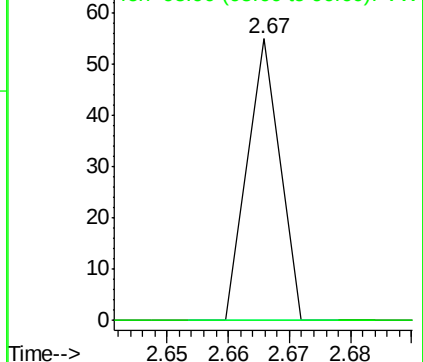
94 100

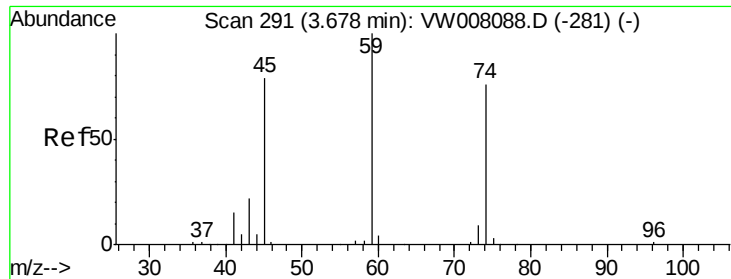
96 0.0 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW





#8

Diethyl Ether

Concen: 1.562 ug/l

RT: 3.63 min Scan# 283

Delta R.T. -0.05 min

Lab File: VW008139.D

Acq: 10 Jan 2019 08:58

Instrument :

MSVOA_W

ClientSampleId :

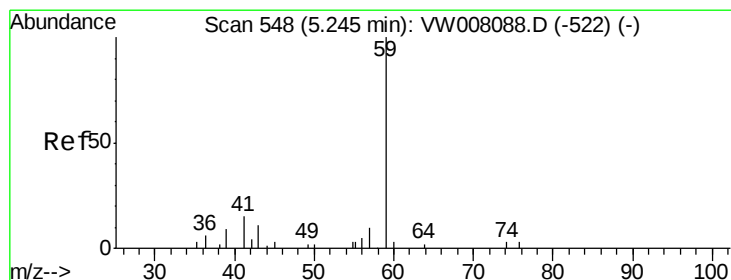
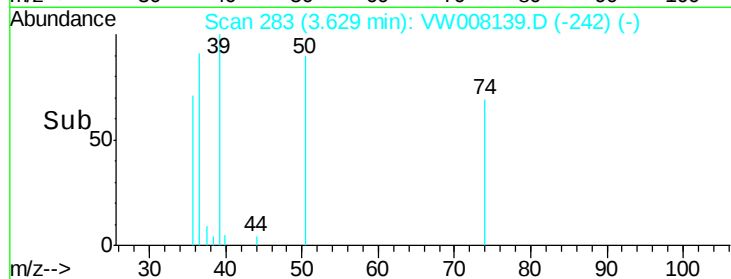
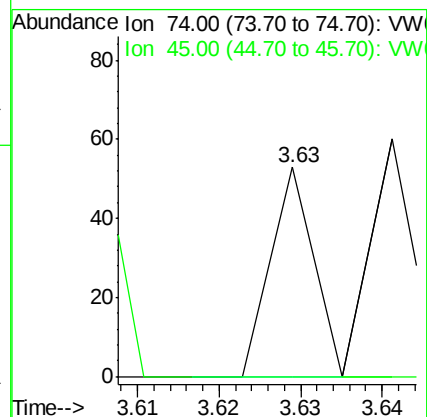
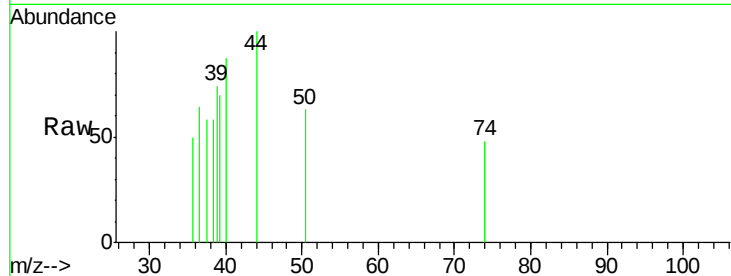
JC-03-010819-E

Tot Ion: 74 Resp: 19

Ion Ratio Lower Upper

74 100

45 0.0 52.4 157.3#



#11

Tert butyl alcohol

Concen: 30.761 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.08 min

Lab File: VW008139.D

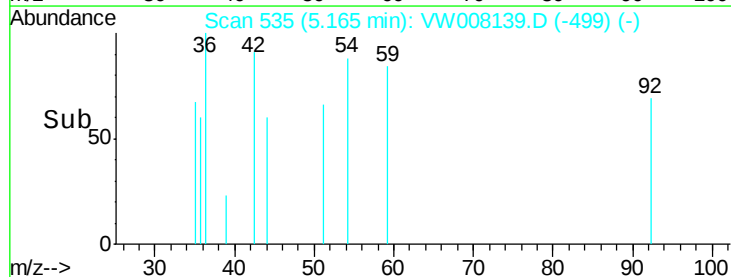
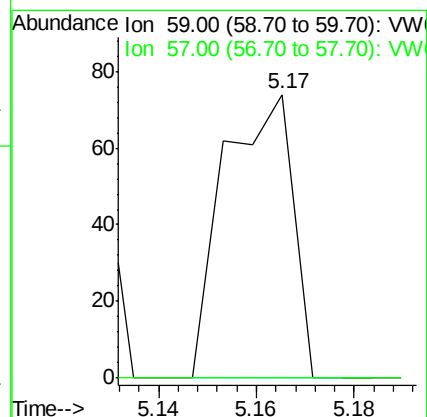
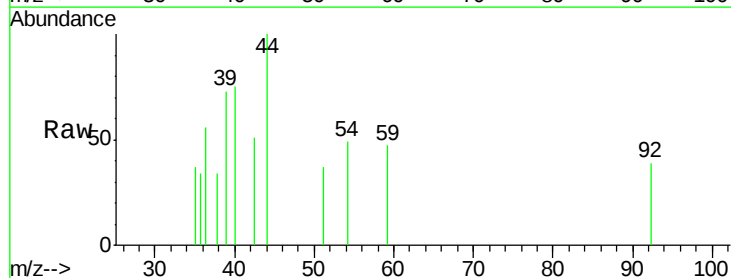
Acq: 10 Jan 2019 08:58

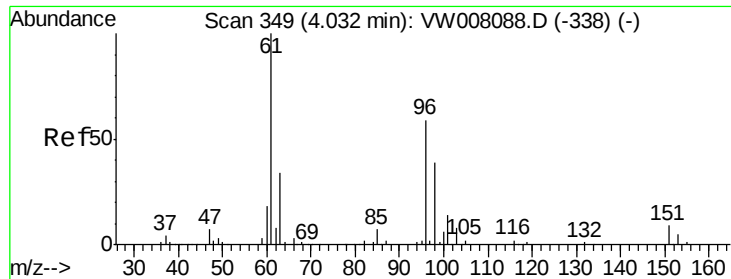
Tgt Ion: 59 Resp: 72

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0





#12

1,1-Dichloroethene

Concen: 1.001 ug/l

RT: 3.99 min Scan# 342

Delta R.T. -0.04 min

Lab File: VW008139.D

Acq: 10 Jan 2019 08:58

Instrument :

MSVOA_W

ClientSampleId :

JC-03-010819-E

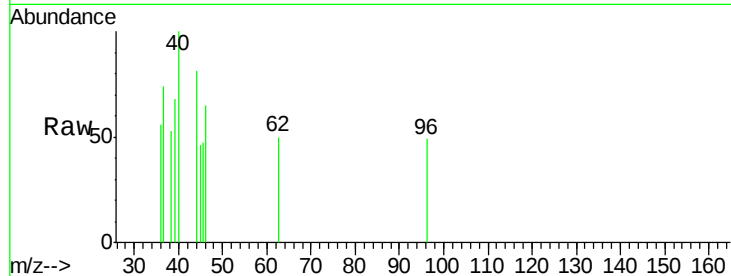
Tot Ion: 96 Resp: 21

Ion Ratio Lower Upper

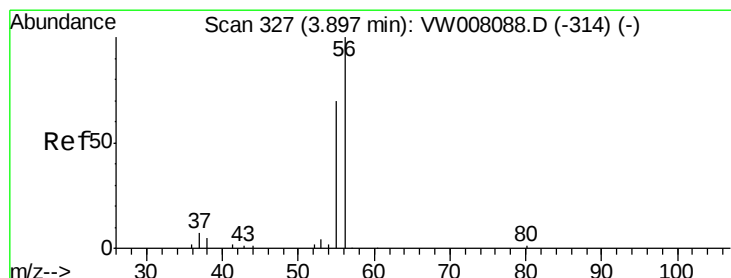
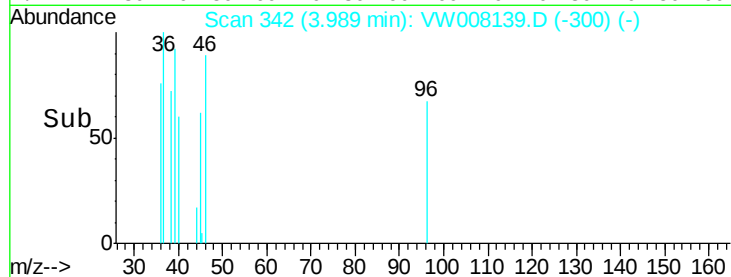
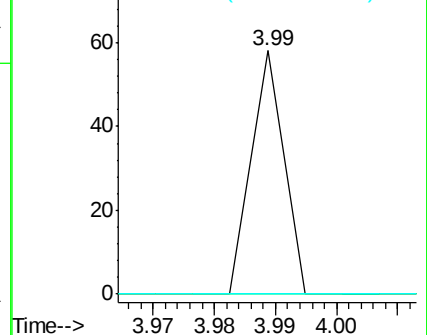
96 100

61 0.0 135.4 203.2#

98 0.0 52.5 78.7#



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#13

Acrolein

Concen: 16.749 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.01 min

Lab File: VW008139.D

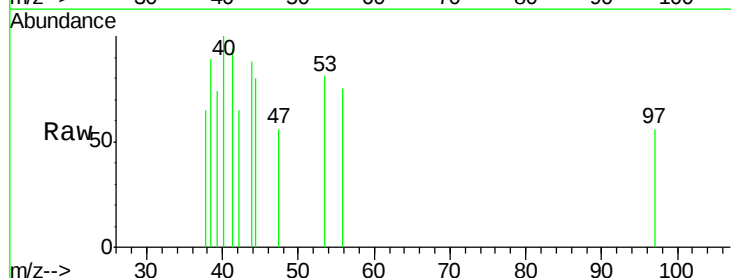
Acq: 10 Jan 2019 08:58

Tgt Ion: 56 Resp: 26

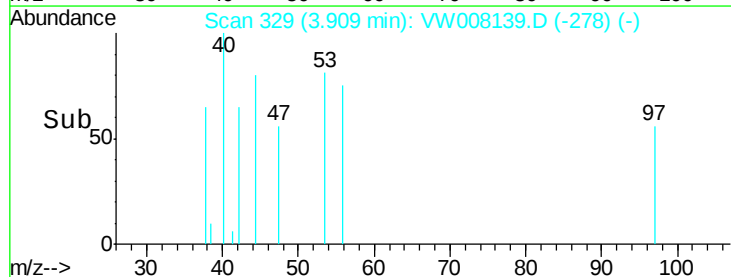
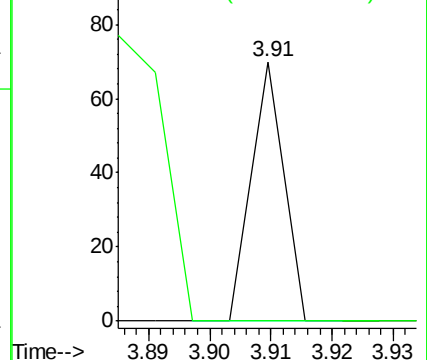
Ion Ratio Lower Upper

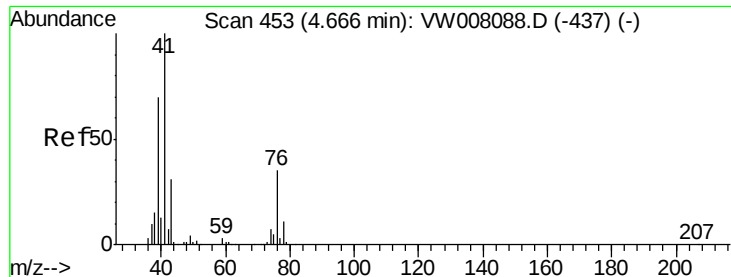
56 100

55 0.0 56.6 84.8#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 55.00 (54.70 to 55.70): VW





#14

Allvl chloride

Concen: 2.049 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW008139.D

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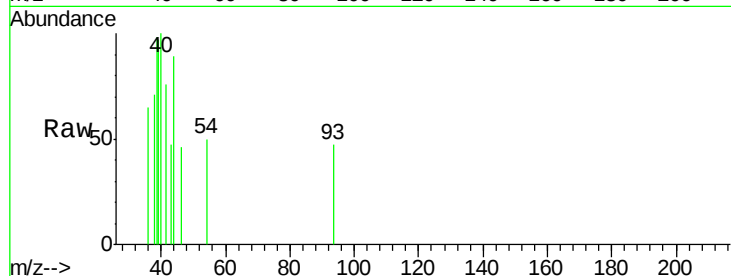
Tot Ion: 41 Resp: 78

Ion Ratio Lower Upper

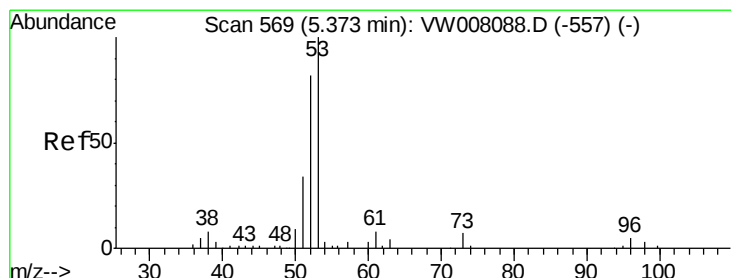
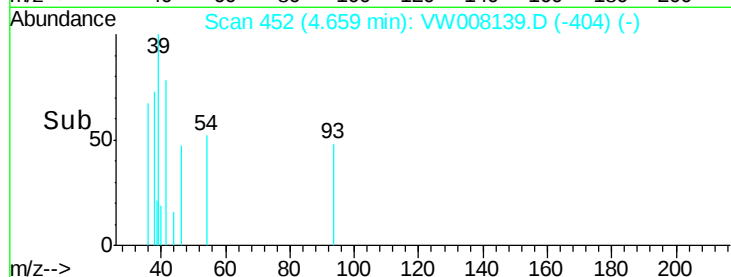
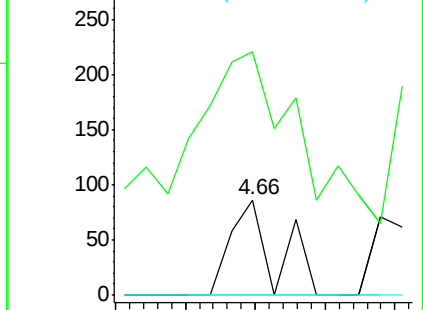
41 100

39 270.5 53.8 80.8#

76 0.0 27.6 41.4#



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 75.90 (75.60 to 76.60): VW



#15

Acrylonitrile

Concen: 4.751 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW008139.D

Acq: 10 Jan 2019 08:58

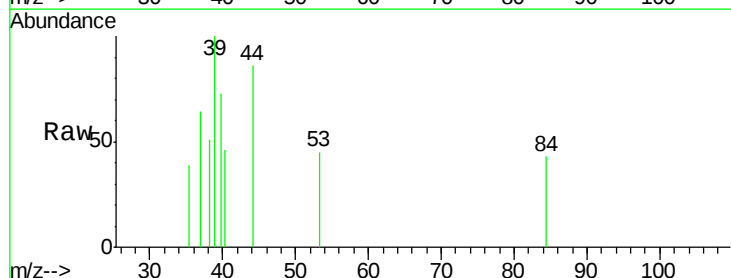
Tgt Ion: 53 Resp: 22

Ion Ratio Lower Upper

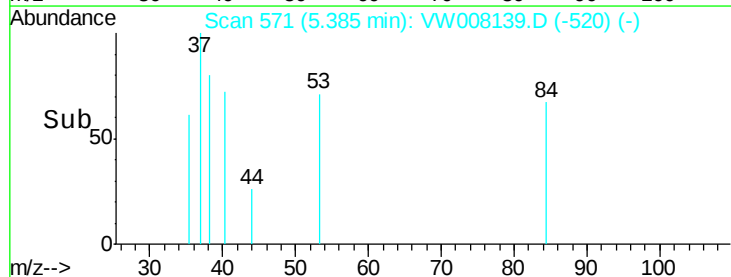
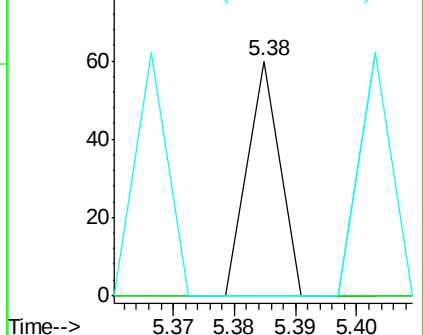
53 100

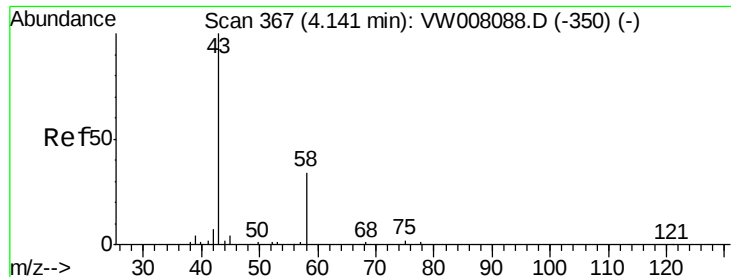
52 0.0 66.8 100.2#

51 104.5 29.7 44.5#



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW





#16

Acetone

Concen: 500.129 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW008139.D

Acq: 10 Jan 2019 08:58

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MSVOA_W

ClientSampleId :

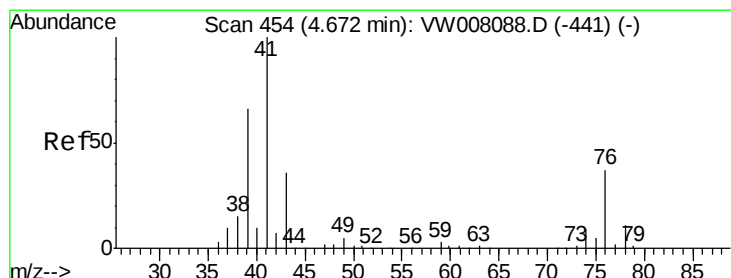
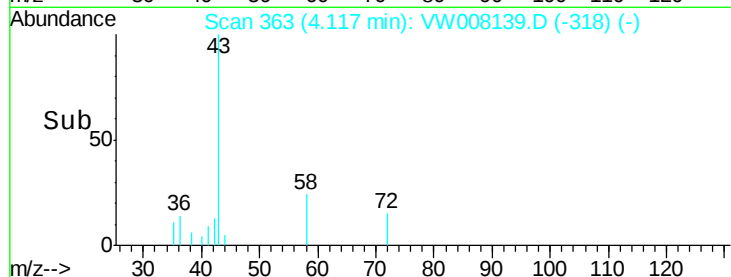
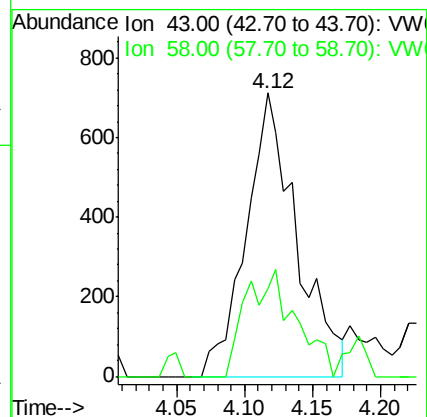
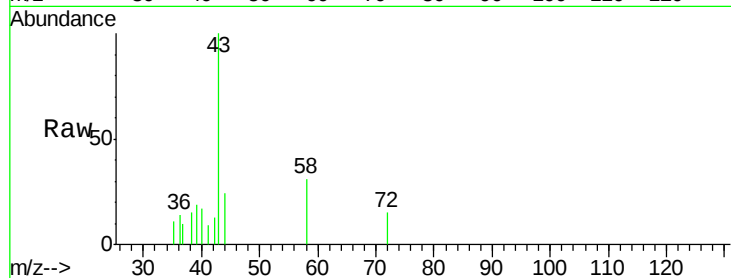
JC-03-010819-E

Tot Ion: 43 Resp: 1853

Ion Ratio Lower Upper

43 100

58 31.0 27.5 41.3



#18

Methyl Acetate

Concen: 7.057 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008139.D

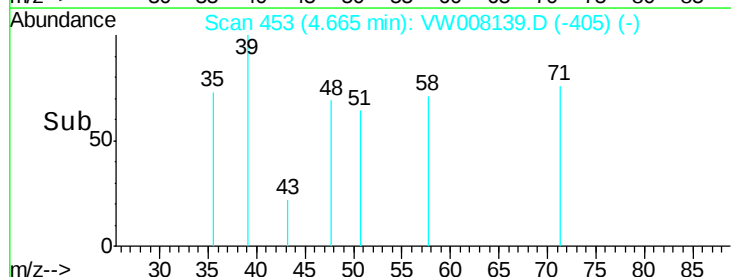
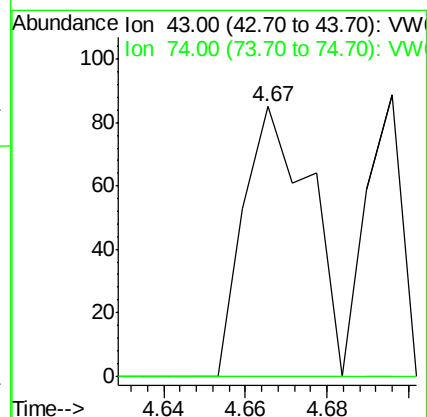
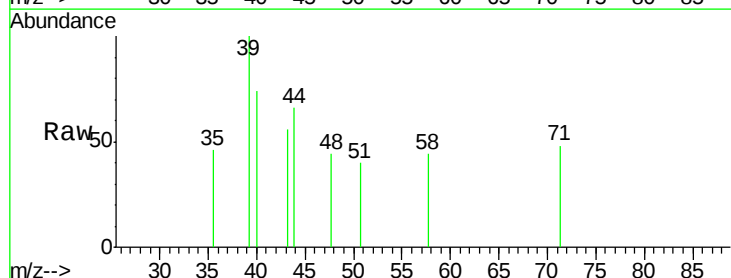
Acq: 10 Jan 2019 08:58

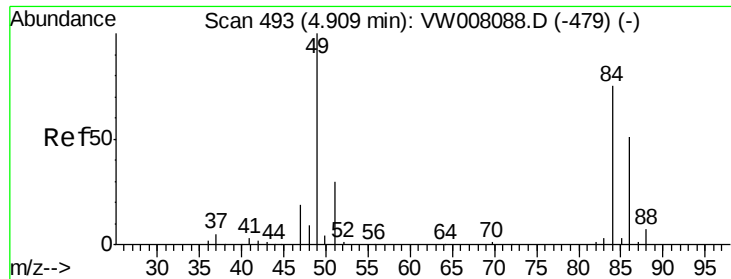
Tgt Ion: 43 Resp: 96

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#

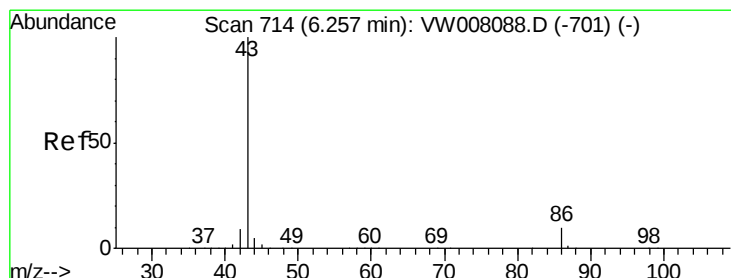
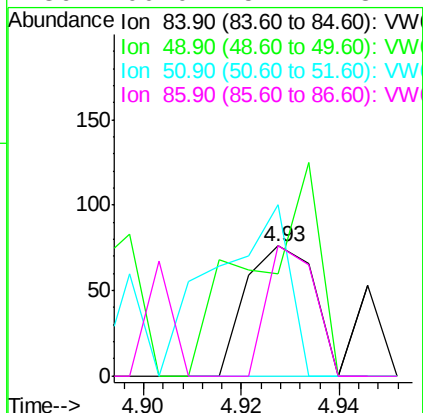
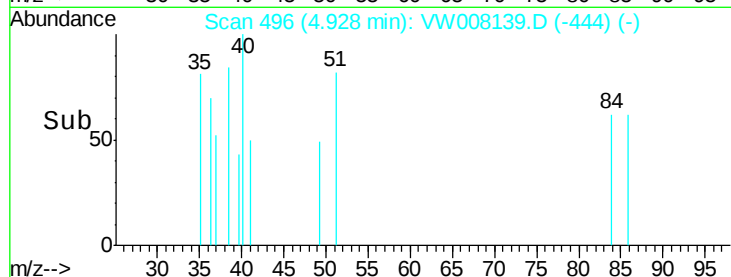
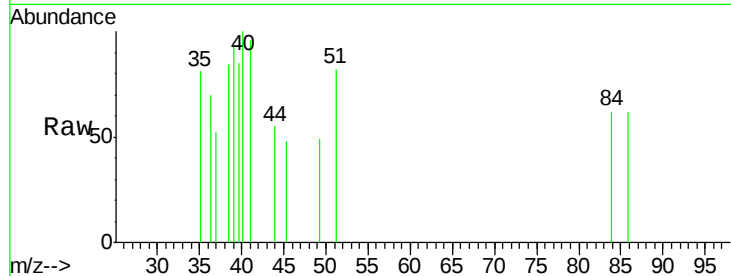




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.93 min Scan# 496
Delta R.T. 0.02 min
Lab File: VW008139.D
Acq: 10 Jan 2019 08:58

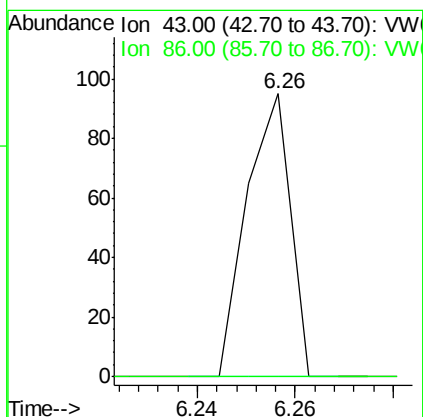
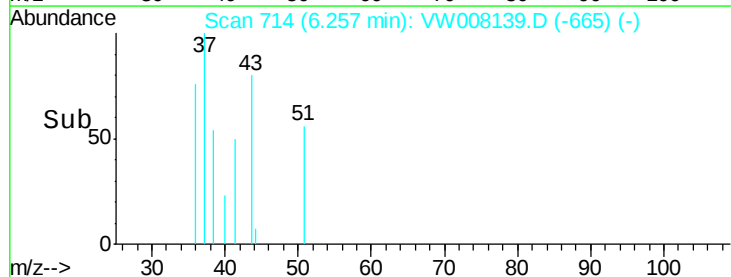
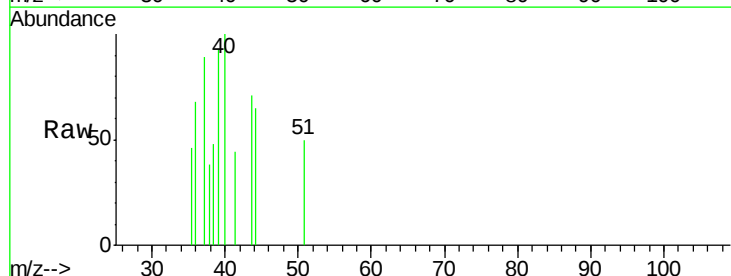
Instrument :
MSVOA_W
ClientSampleId :
JC-03-010819-E

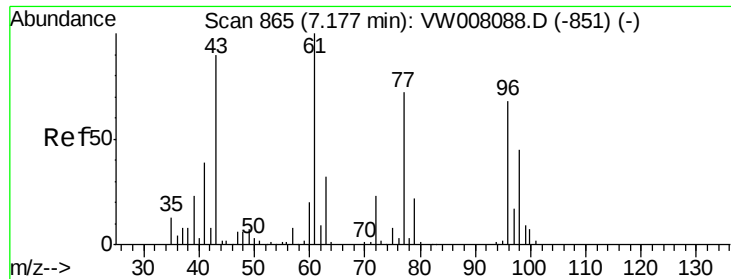
Tot Ion: 84 Resp: 74
Ion Ratio Lower Upper
84 100
49 78.9 107.1 160.7#
51 131.6 32.4 48.6#
86 100.0 54.2 81.4#



#23
Vinyl Acetate
Concen: 1.547 ug/l
RT: 6.26 min Scan# 714
Delta R.T. -0.00 min
Lab File: VW008139.D
Acq: 10 Jan 2019 08:58

Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
86 0.0 7.7 11.5#





#25

2-Butanone

Concen: 7.682 ug/l

RT: 7.20 min Scan# 869

Delta R.T. 0.02 min

Lab File: VW008139.D

Acq: 10 Jan 2019 08:58

Instrument :

MSVOA_W

ClientSampleId :

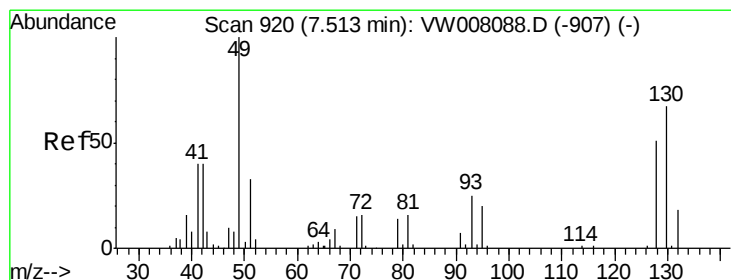
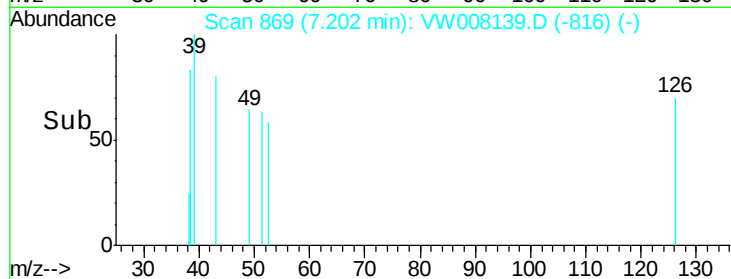
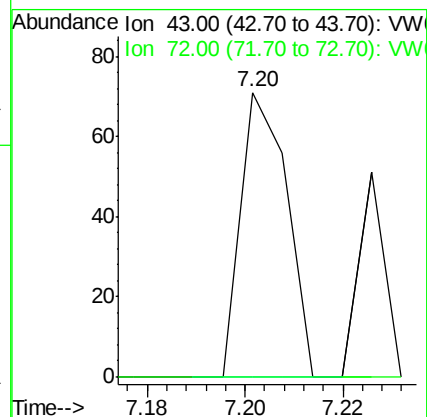
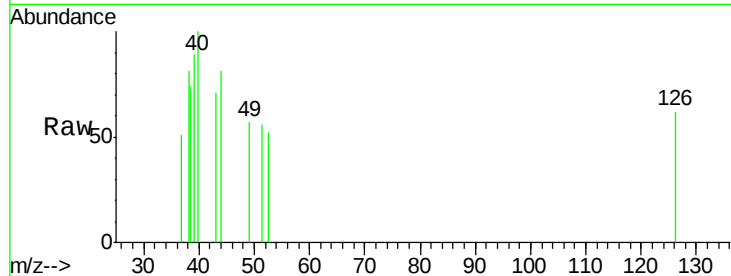
JC-03-010819-E

Tot Ion: 43 Resp: 46

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#



#28

Bromochloromethane

Concen: 1.554 ug/l

RT: 7.57 min Scan# 929

Delta R.T. 0.05 min

Lab File: VW008139.D

Acq: 10 Jan 2019 08:58

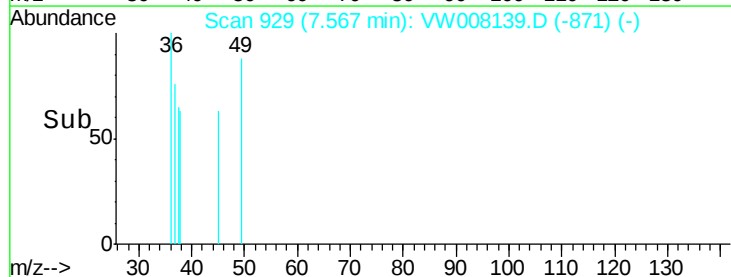
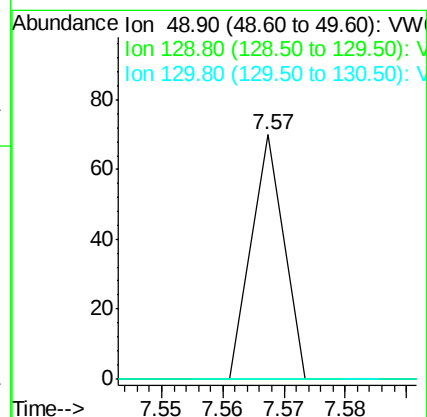
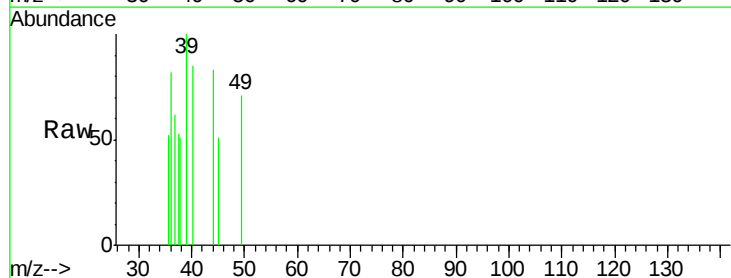
Tgt Ion: 49 Resp: 26

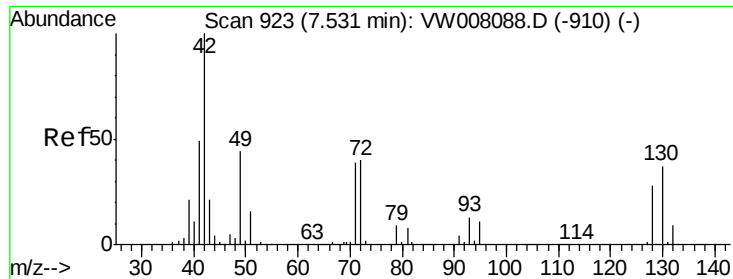
Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.8

130 0.0 54.3 81.5#

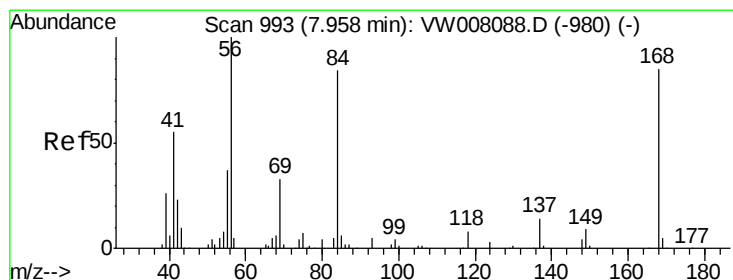
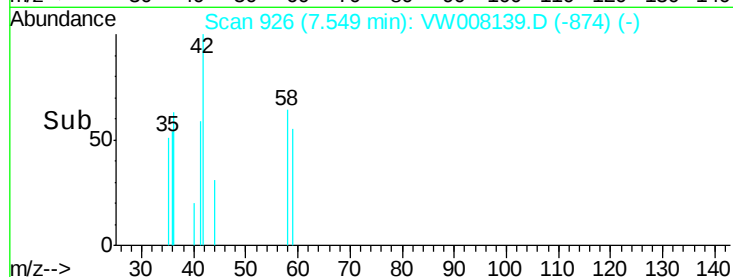
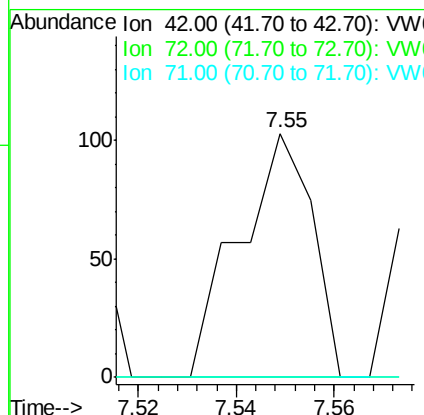
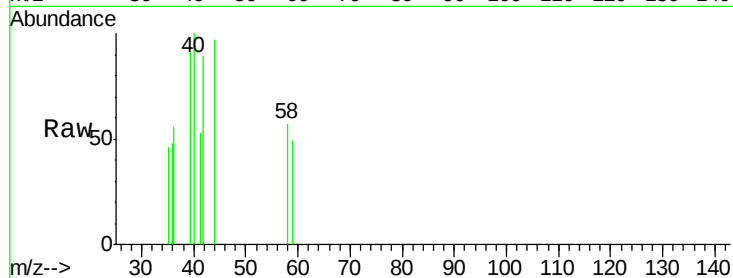




#29
Tetrahydrofuran
Concen: 26.749 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.02 min
Lab File: VW008139.D
Acq: 10 Jan 2019 08:58

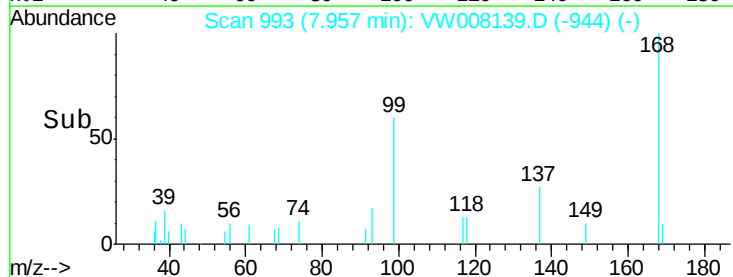
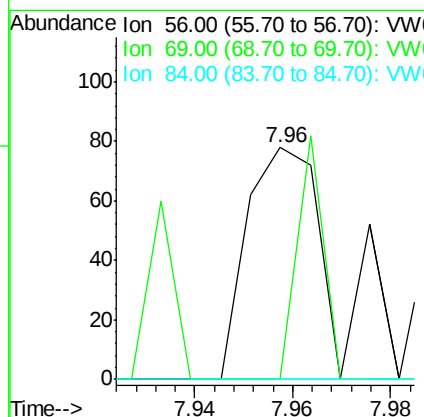
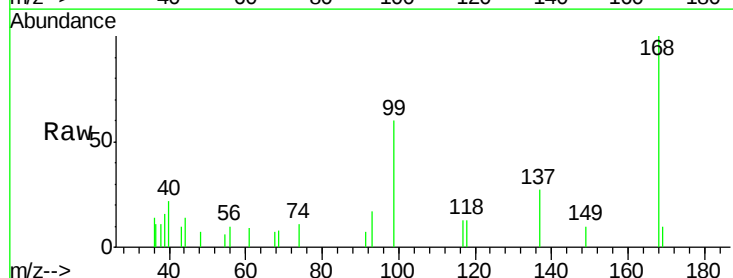
Instrument :
MSVOA_W
ClientSampleId :
JC-03-010819-E

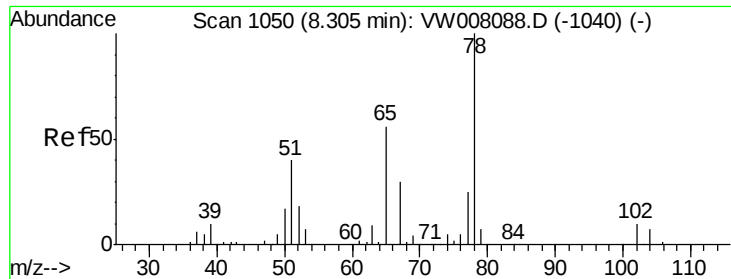
Tot Ion: 42 Resp: 107
Ion Ratio Lower Upper
42 100
72 0.0 32.4 48.6#
71 0.0 31.3 46.9#



#31
Cyclohexane
Concen: 1.722 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW008139.D
Acq: 10 Jan 2019 08:58

Tgt Ion: 56 Resp: 78
Ion Ratio Lower Upper
56 100
69 0.0 26.2 39.4#
84 0.0 67.4 101.2#





#33

1,2-Dichloroethane-d4

Concen: 72.434 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW008139.D

Acq: 10 Jan 2019 08:58

Instrument :

MSVOA_W

ClientSampleId :

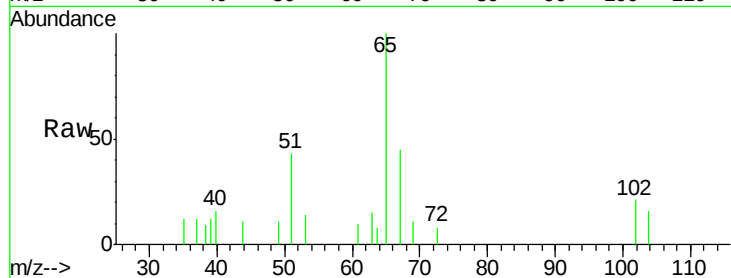
JC-03-010819-E

Tot Ion: 65 Resp: 1559

Ion Ratio Lower Upper

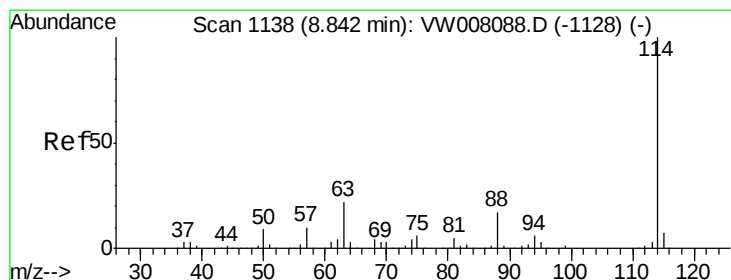
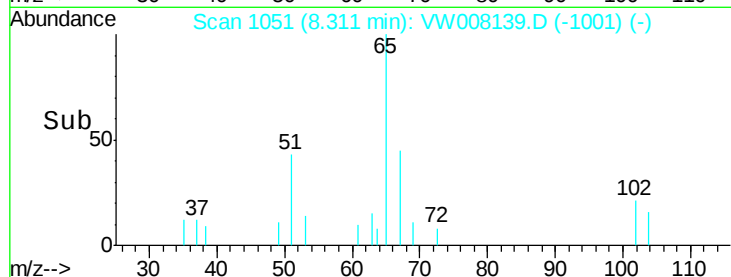
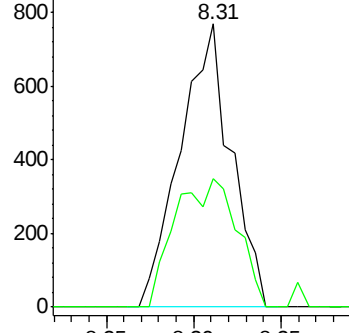
65 100

67 55.4 0.0 106.8



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: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW008139.D

Acq: 10 Jan 2019 08:58

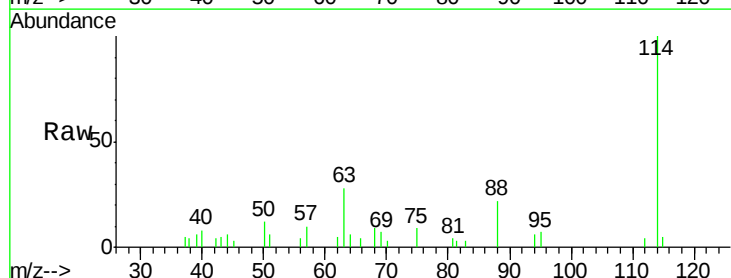
Tgt Ion: 114 Resp: 3471

Ion Ratio Lower Upper

114 100

63 27.7 0.0 43.4

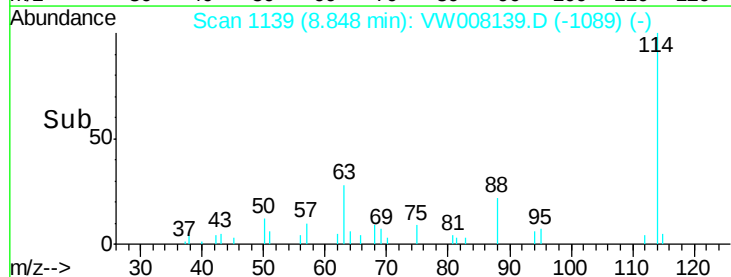
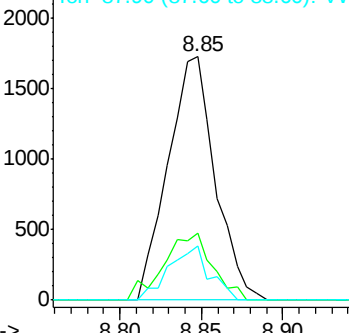
88 22.0 0.0 33.4

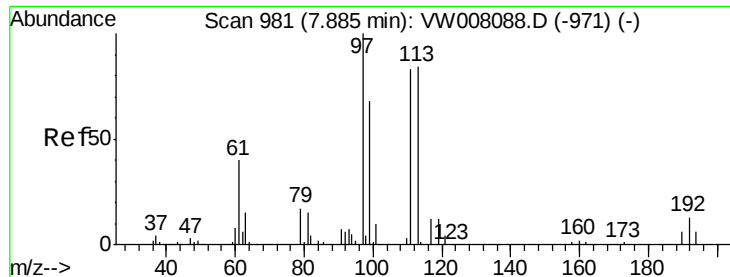


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 63.129 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW008139.D

Acq: 10 Jan 2019 08:58

Instrument :

MSVOA_W

ClientSampleId :

JC-03-010819-E

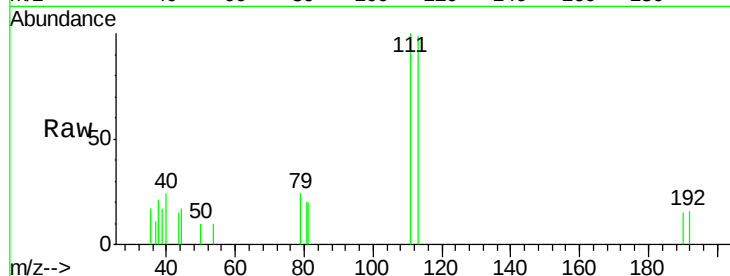
Tot Ion:113 Resp: 1278

Ion Ratio Lower Upper

113 100

111 115.0 81.8 122.8

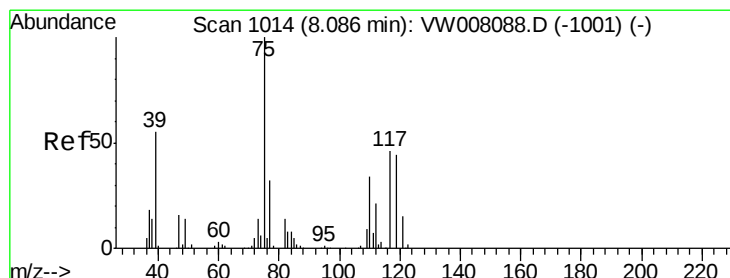
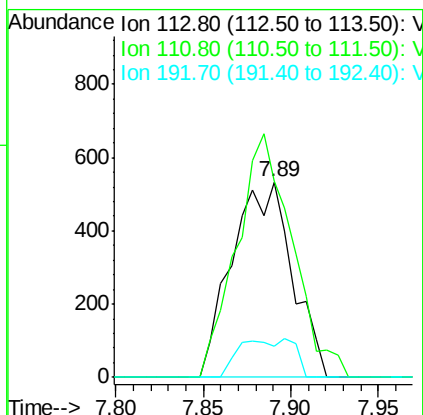
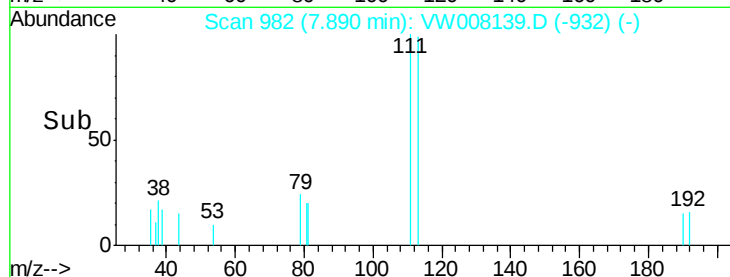
192 18.1 12.8 19.2



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: 3.971 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.15 min

Lab File: VW008139.D

Acq: 10 Jan 2019 08:58

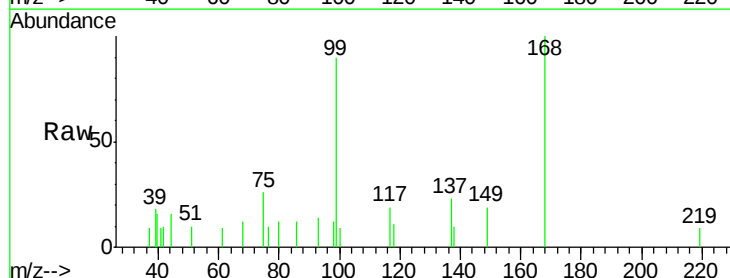
Tgt Ion: 75 Resp: 142

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.3#

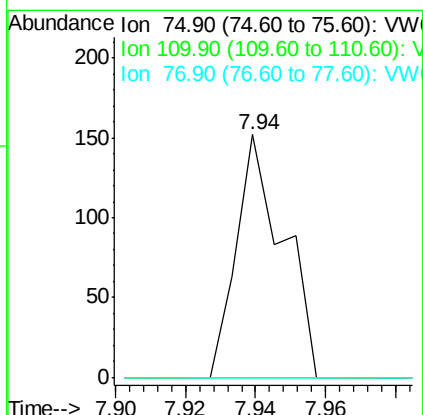
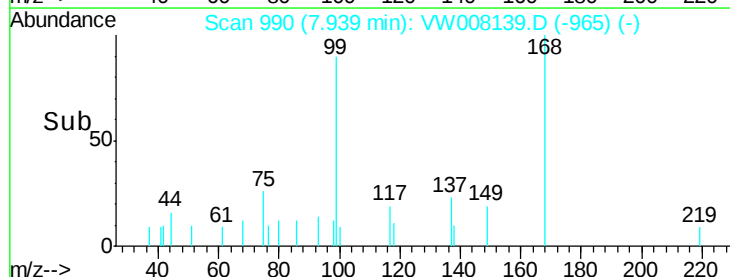
77 0.0 25.5 38.3#

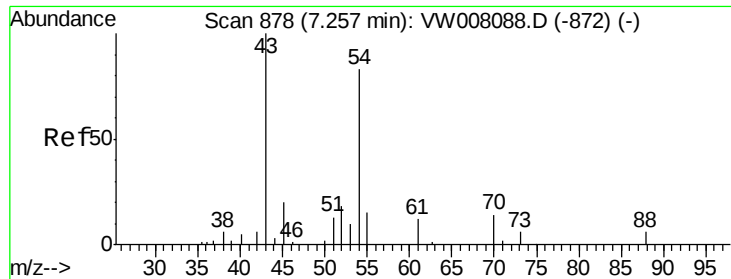


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

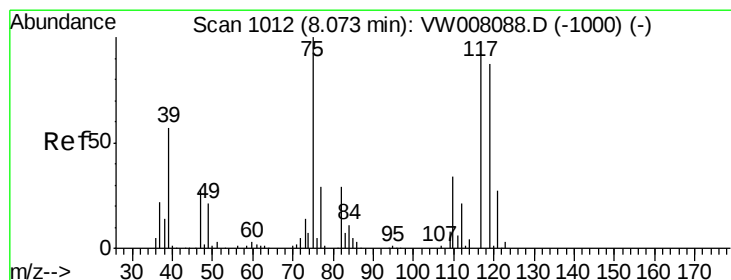
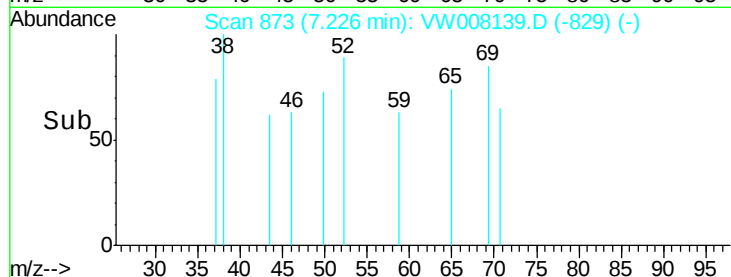
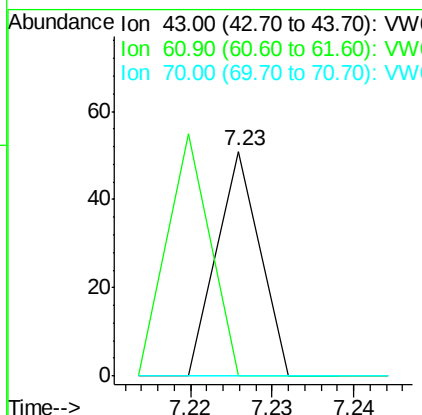
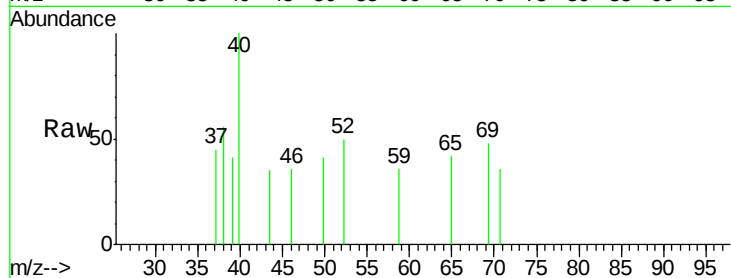




#37
Ethyl Acetate
Concen: 1.326 ug/l
RT: 7.23 min Scan# 873
Delta R.T. -0.03 min
Lab File: VW008139.D
Acq: 10 Jan 2019 08:58

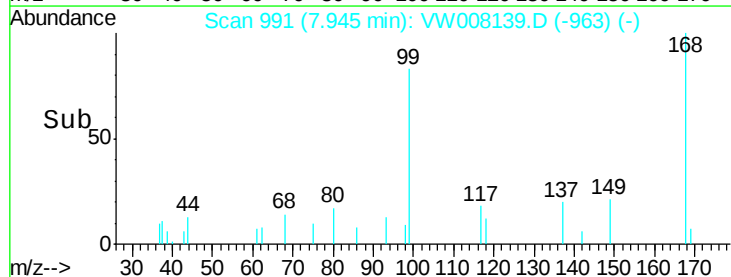
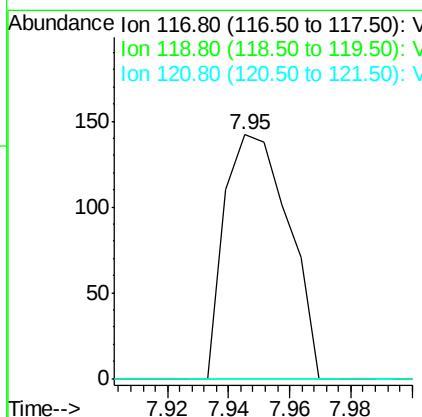
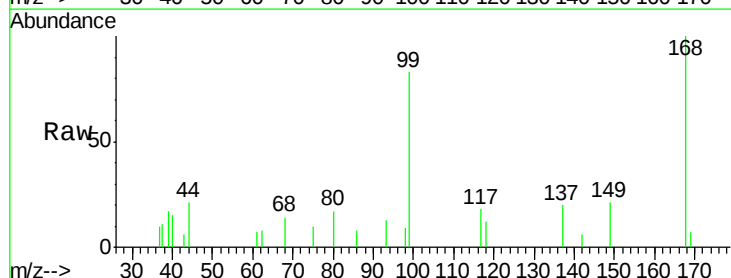
Instrument :
MSVOA_W
ClientSampleId :
JC-03-010819-E

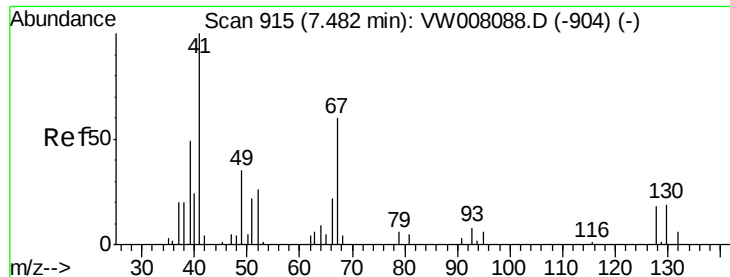
Tot Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
61 105.3 10.6 16.0#
70 0.0 8.9 13.3#



#38
Carbon Tetrachloride
Concen: 6.295 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW008139.D
Acq: 10 Jan 2019 08:58

Tgt Ion: 117 Resp: 206
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.8#
121 0.0 23.7 35.5#





#41

Methacrylonitrile

Concen: 6.078 ug/l

RT: 7.46 min Scan# 912

Delta R.T. -0.02 min

Lab File: VW008139.D

Acq: 10 Jan 2019 08:58

Instrument :

MSVOA_W

ClientSampleId :

JC-03-010819-E

Tot Ion: 41 Resp: 55

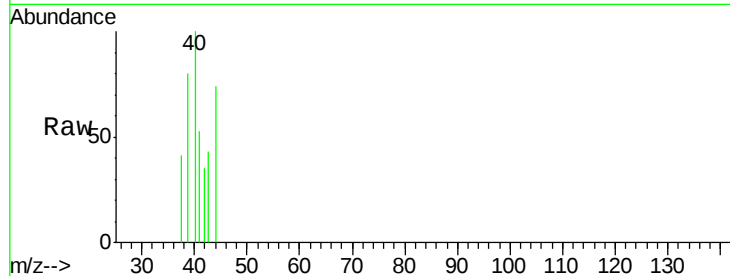
Ion Ratio Lower Upper

41 100

39 385.5 47.9 71.9#

67 0.0 56.3 84.5#

52 0.0 24.5 36.7#

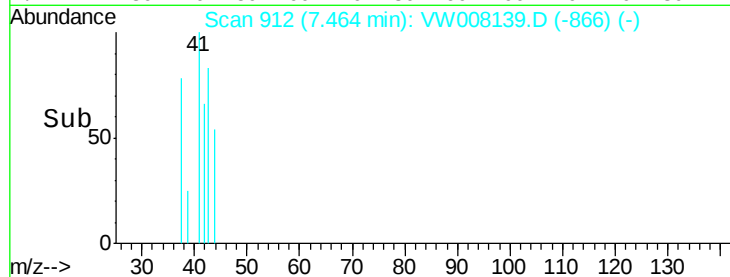
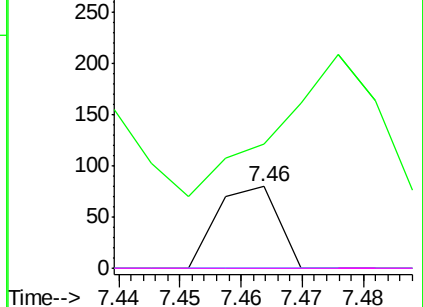


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#43

Isopropyl Acetate

Concen: 2.130 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW008139.D

Acq: 10 Jan 2019 08:58

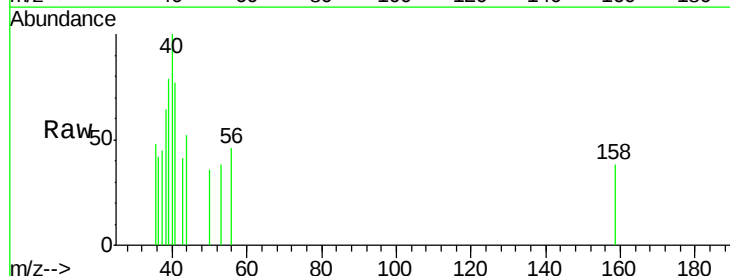
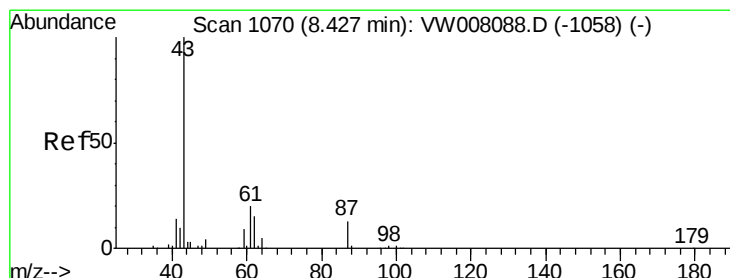
Tgt Ion: 43 Resp: 61

Ion Ratio Lower Upper

43 100

61 39.3 24.8 37.2#

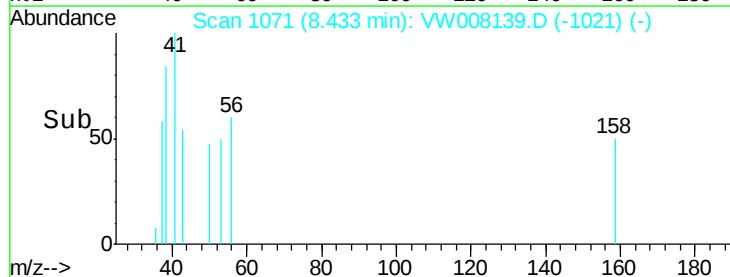
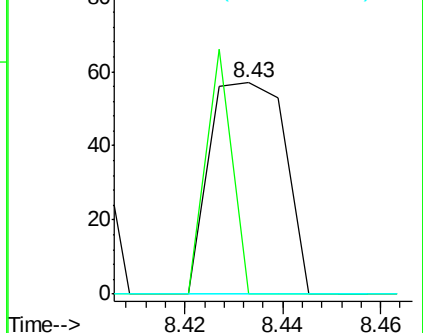
87 0.0 10.4 15.6#

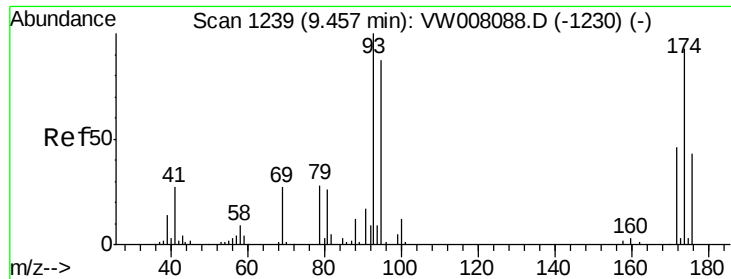


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW





#46

Dibromomethane

Concen: 1.694 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.02 min

Lab File: VW008139.D

Acq: 10 Jan 2019 08:58

Instrument :

MSVOA_W

ClientSampled :

JC-03-010819-E

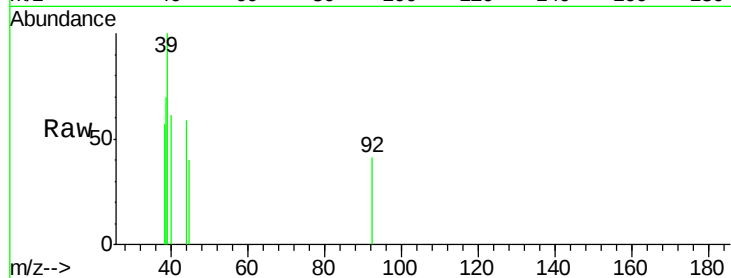
Tot Ion: 93 Resp: 20

Ion Ratio Lower Upper

93 100

95 0.0 67.5 101.3#

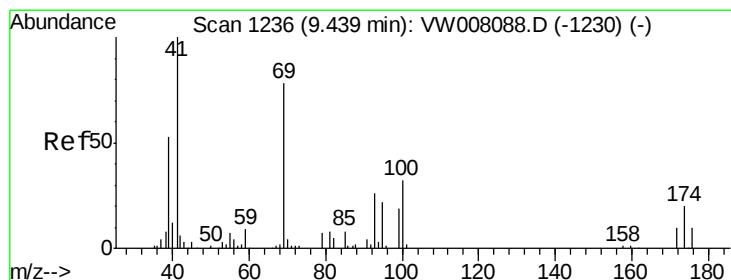
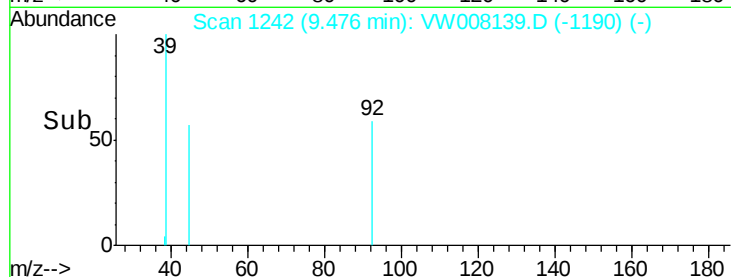
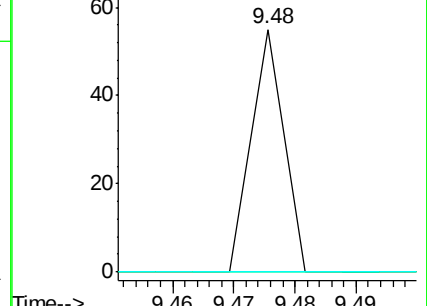
174 0.0 72.5 108.7#



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V



#48

Methyl methacrylate

Concen: 4.070 ug/l

RT: 9.43 min Scan# 1234

Delta R.T. -0.01 min

Lab File: VW008139.D

Acq: 10 Jan 2019 08:58

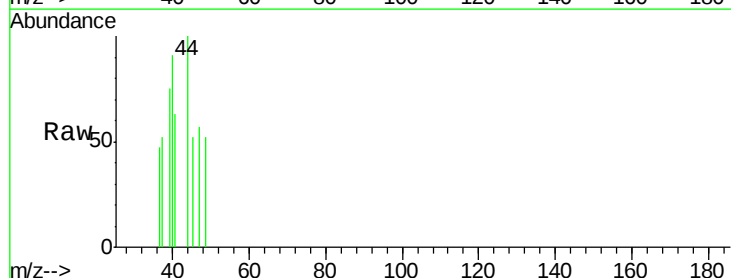
Tgt Ion: 41 Resp: 55

Ion Ratio Lower Upper

41 100

69 0.0 61.9 92.9#

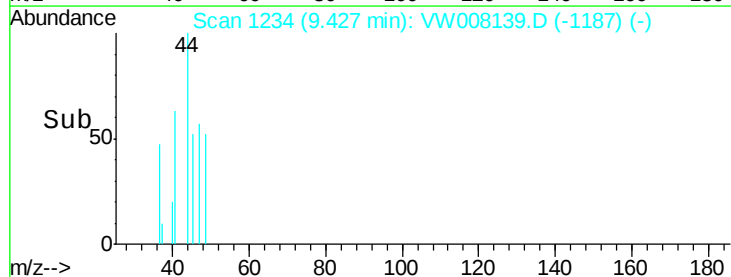
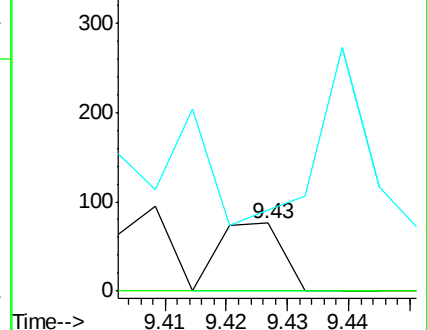
39 185.5 43.0 64.4#

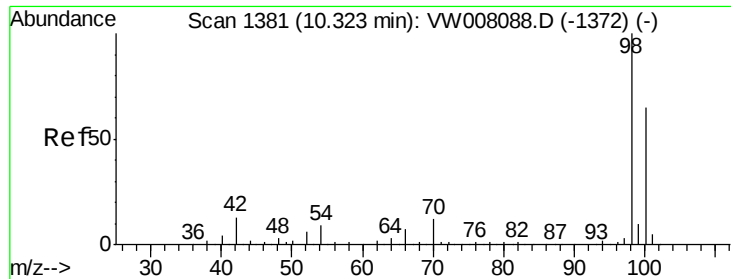


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#50

Toluene-d8

Concen: 50.722 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW008139.D

Acq: 10 Jan 2019 08:58

Instrument :

MSVOA_W

ClientSampleId :

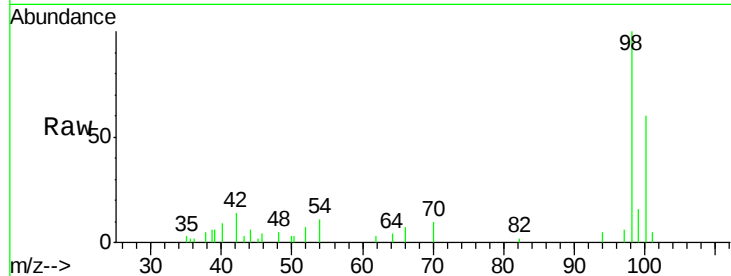
JC-03-010819-E

Tot Ion: 98 Resp: 4309

Ion Ratio Lower Upper

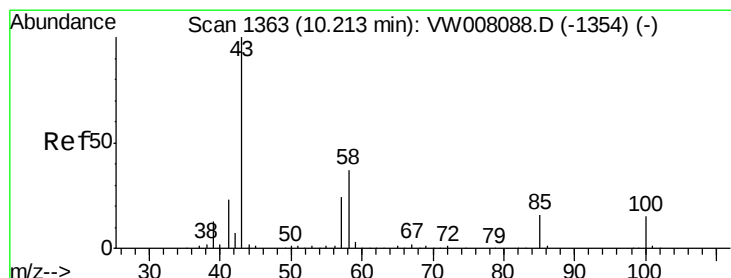
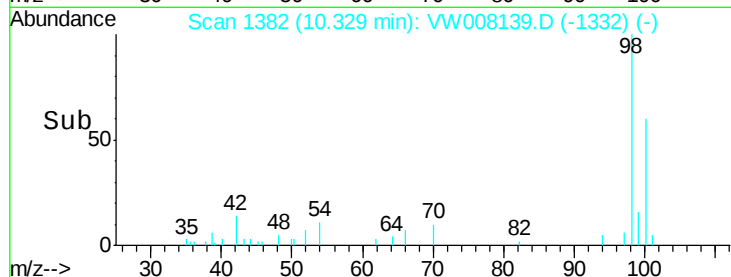
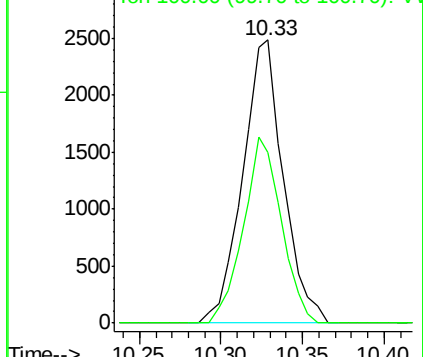
98 100

100 61.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 3.607 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW008139.D

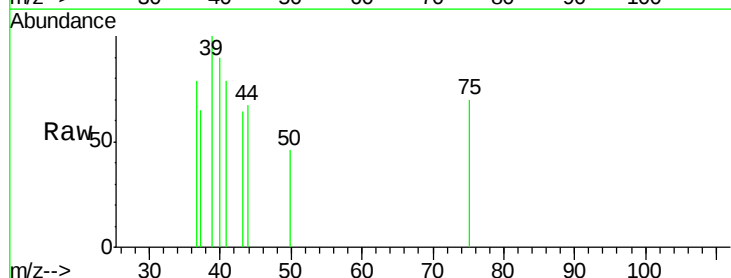
Acq: 10 Jan 2019 08:58

Tgt Ion: 43 Resp: 50

Ion Ratio Lower Upper

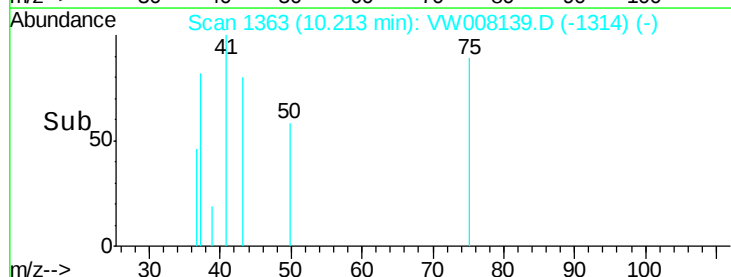
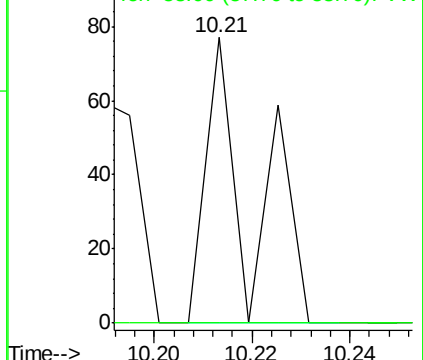
43 100

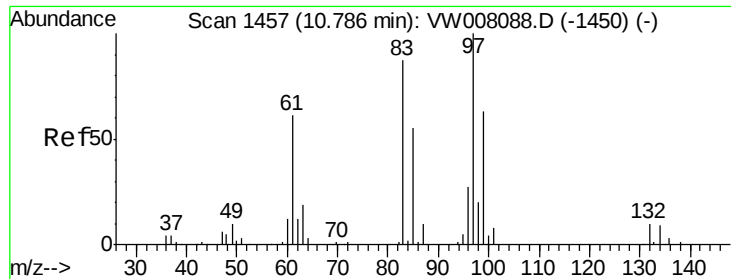
58 0.0 30.6 46.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#55

1,1,2-Trichloroethane

Concen: 1.146 ug/l

RT: 10.65 min Scan# 1435

Delta R.T. -0.13 min

Lab File: VW008139.D

Acq: 10 Jan 2019 08:58

Instrument :

MSVOA_W

ClientSampleId :

JC-03-010819-E

Tot Ion: 97 Resp: 19

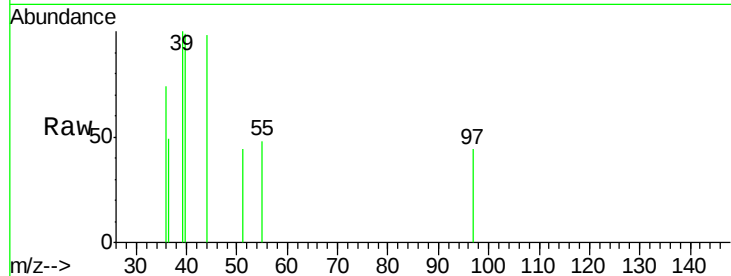
Ion Ratio Lower Upper

97 100

83 0.0 69.3 103.9#

85 0.0 43.8 65.6#

99 0.0 50.0 75.0#

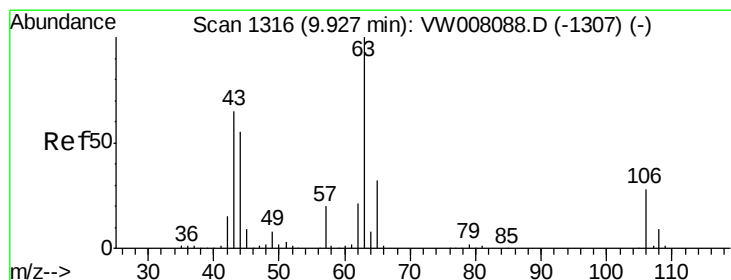
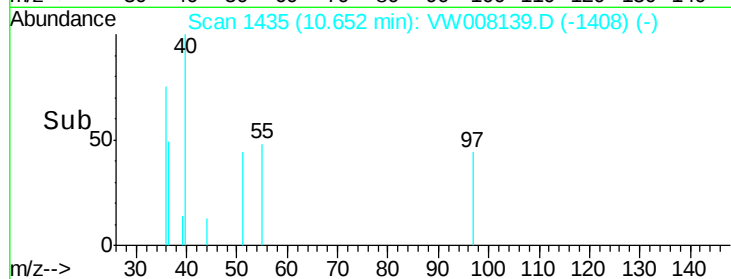
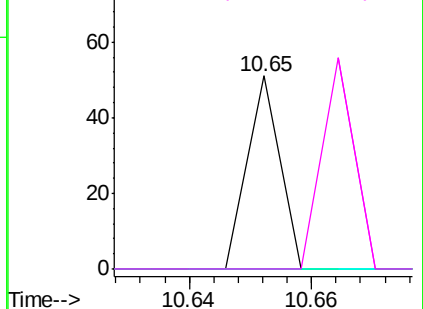


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 3.583 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW008139.D

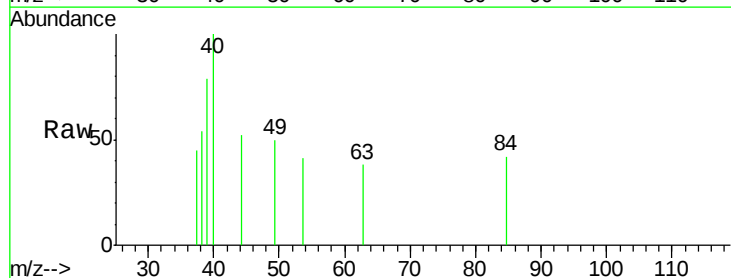
Acq: 10 Jan 2019 08:58

Tgt Ion: 63 Resp: 38

Ion Ratio Lower Upper

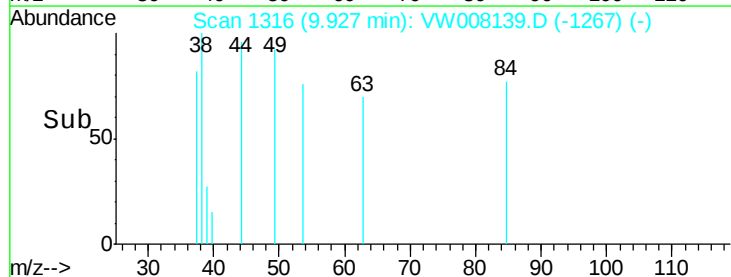
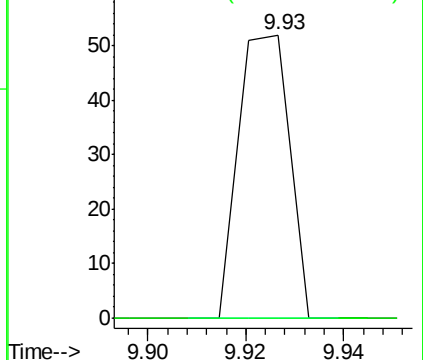
63 100

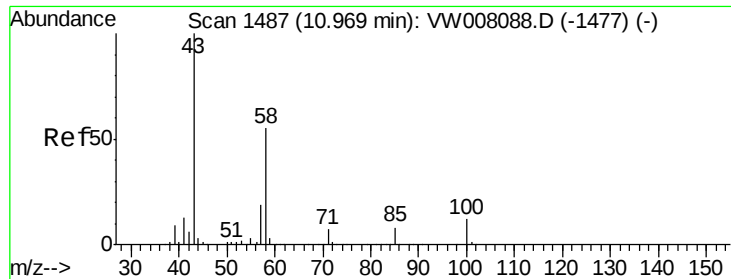
106 0.0 21.8 32.6#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

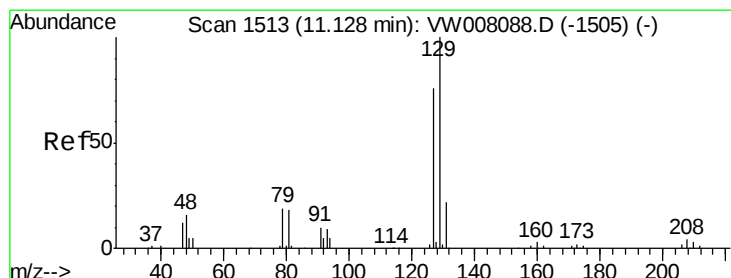
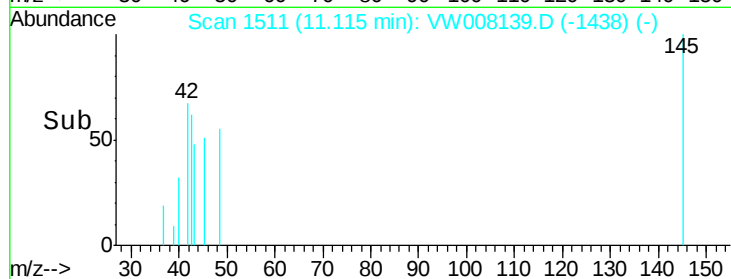
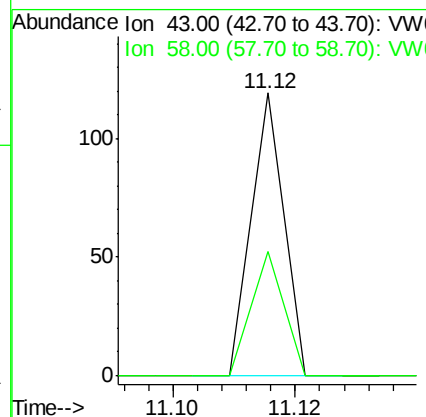
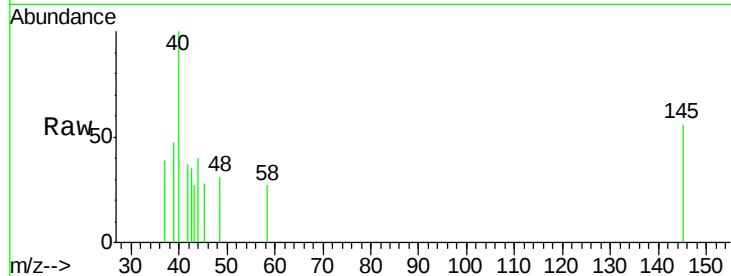




#59
2-Hexanone
Concen: 4.693 ug/l
RT: 11.12 min Scan# 1511
Delta R.T. 0.15 min
Lab File: VW008139.D
Acq: 10 Jan 2019 08:58

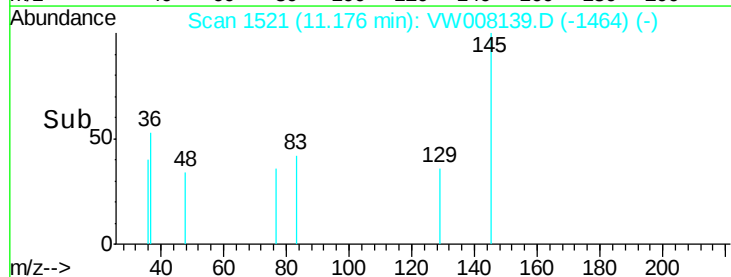
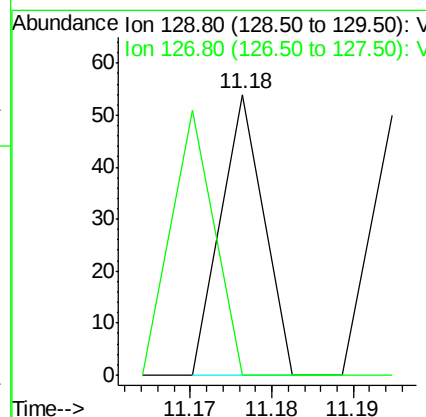
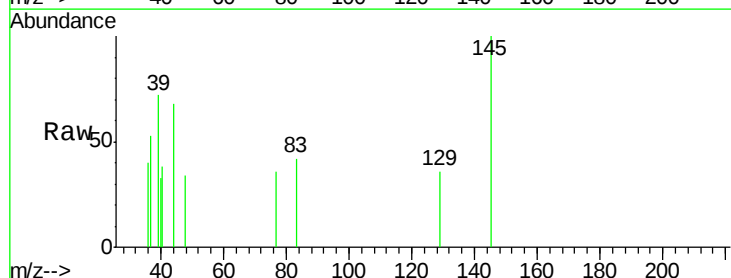
Instrument :
MSVOA_W
ClientSampleId :
JC-03-010819-E

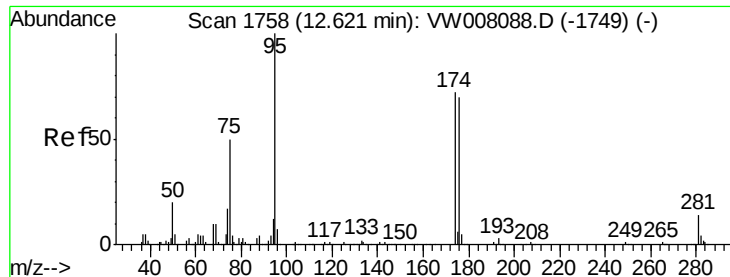
Tot Ion: 43 Resp: 44
Ion Ratio Lower Upper
43 100
58 43.2 27.2 81.5



#60
Dibromochloromethane
Concen: 1.098 ug/l
RT: 11.18 min Scan# 1521
Delta R.T. 0.05 min
Lab File: VW008139.D
Acq: 10 Jan 2019 08:58

Tgt Ion: 129 Resp: 20
Ion Ratio Lower Upper
129 100
127 95.0 38.9 116.6

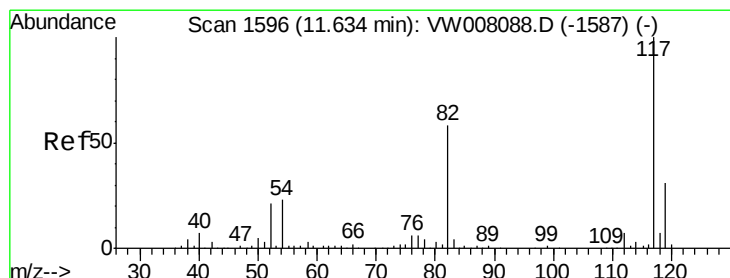
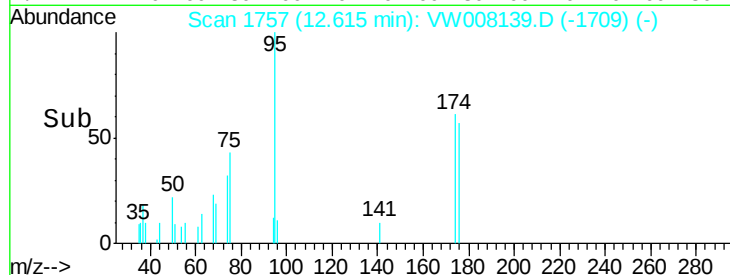
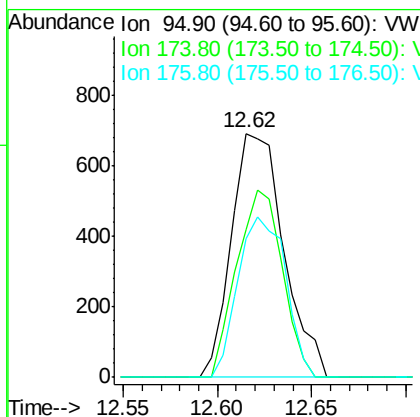
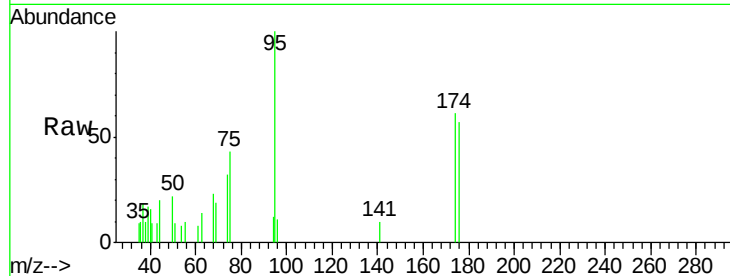




#62
4-Bromofluorobenzene
Concen: 43.671 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW008139.D
Acq: 10 Jan 2019 08:58

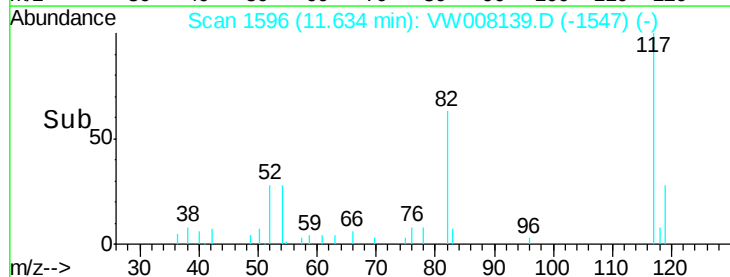
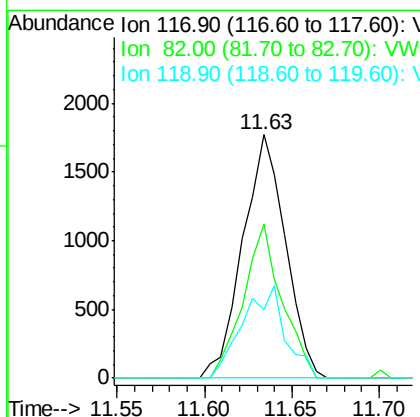
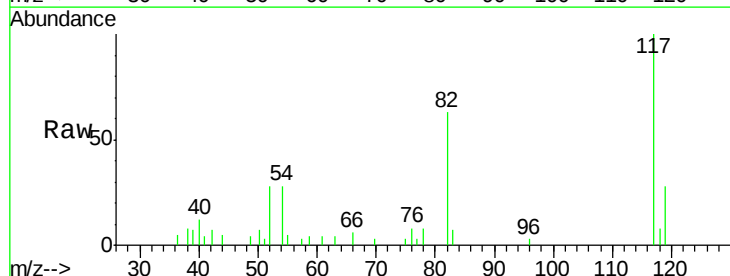
Instrument :
MSVOA_W
ClientSampleId :
JC-03-010819-E

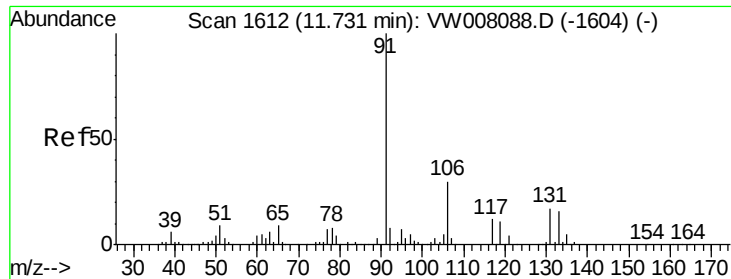
Tot Ion: 95 Resp: 1330
Ion Ratio Lower Upper
95 100
174 67.0 0.0 143.0
176 59.8 0.0 140.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008139.D
Acq: 10 Jan 2019 08:58

Tgt Ion: 117 Resp: 3015
Ion Ratio Lower Upper
117 100
82 63.2 46.4 69.6
119 28.0 24.7 37.1

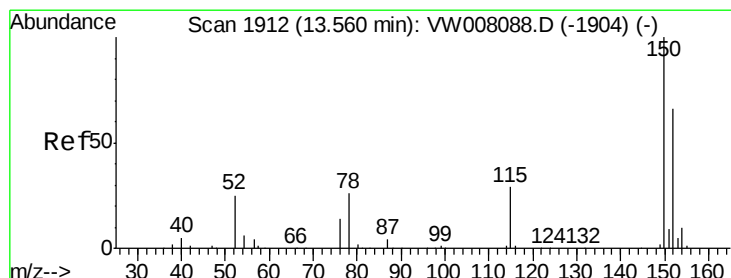
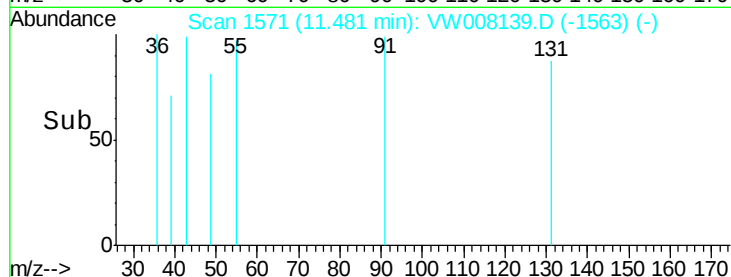
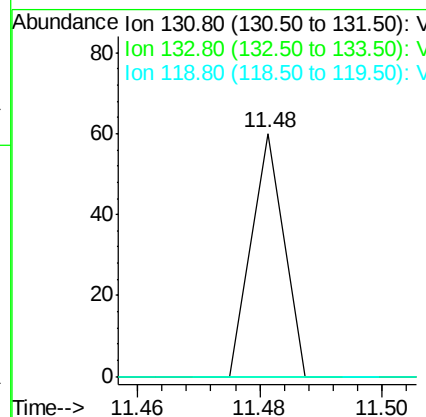
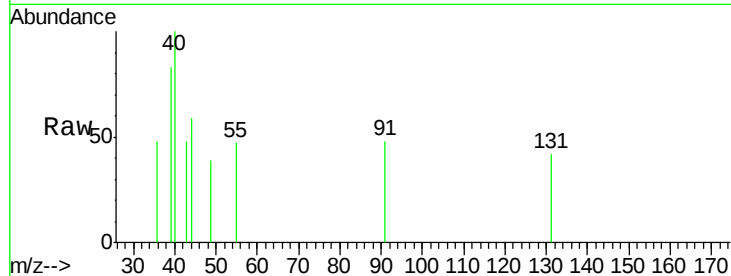




#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.059 ug/l
 RT: 11.48 min Scan# 1571
 Delta R.T. -0.25 min
 Lab File: VW008139.D
 Acq: 10 Jan 2019 08:58

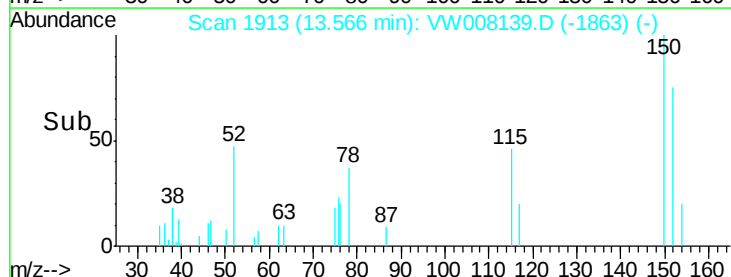
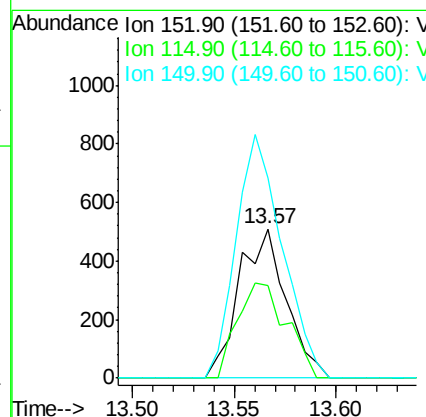
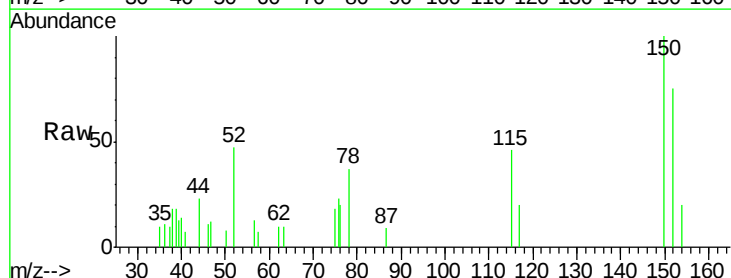
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-010819-E

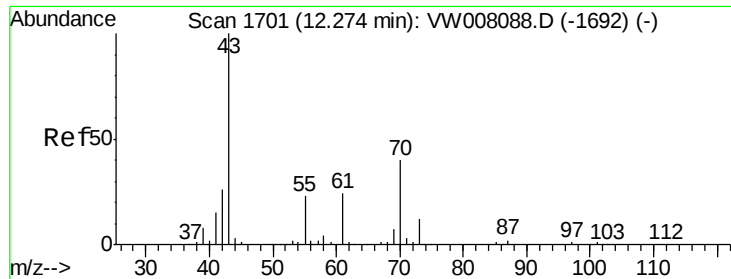
Tot Ion:131 Resp: 22
 Ion Ratio Lower Upper
 131 100
 133 0.0 47.9 143.7#
 119 0.0 32.5 97.4#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.01 min
 Lab File: VW008139.D
 Acq: 10 Jan 2019 08:58

Tgt Ion:152 Resp: 815
 Ion Ratio Lower Upper
 152 100
 115 66.1 30.8 92.4
 150 159.9 0.0 350.2

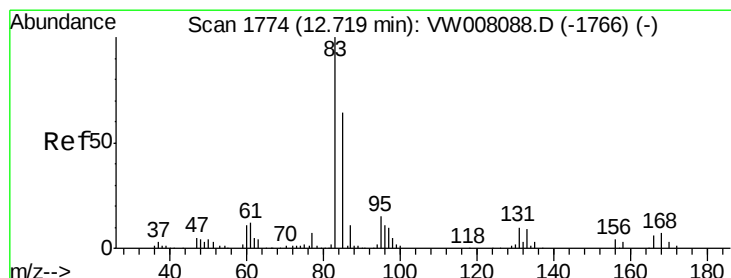
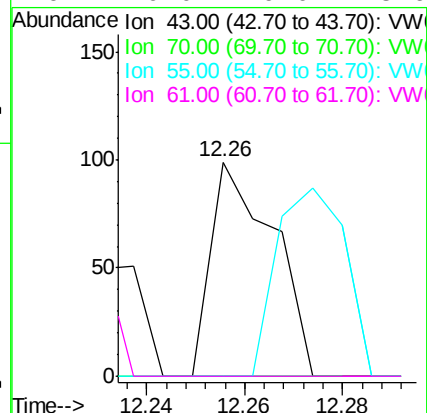
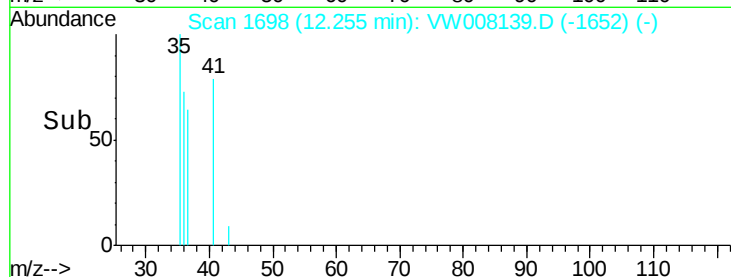
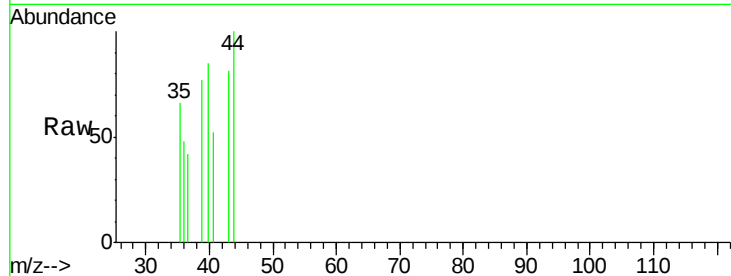




#74
N-amvl acetate
Concen: 6.140 ug/l
RT: 12.26 min Scan# 1698
Delta R.T. -0.02 min
Lab File: VW008139.D
Acq: 10 Jan 2019 08:58

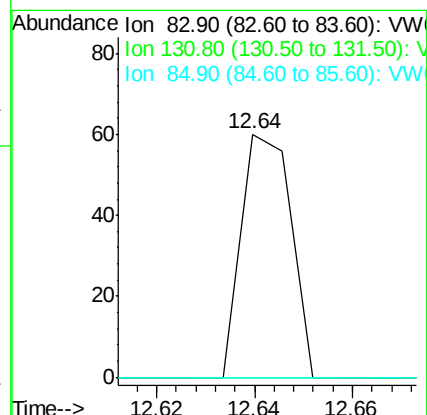
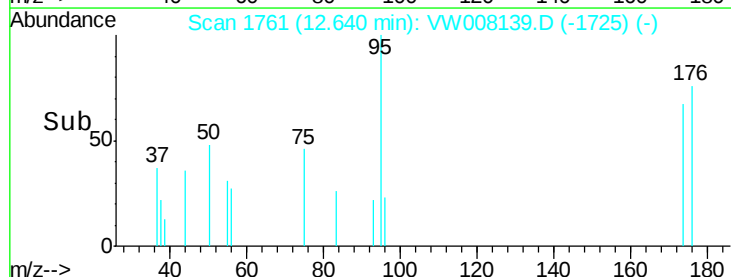
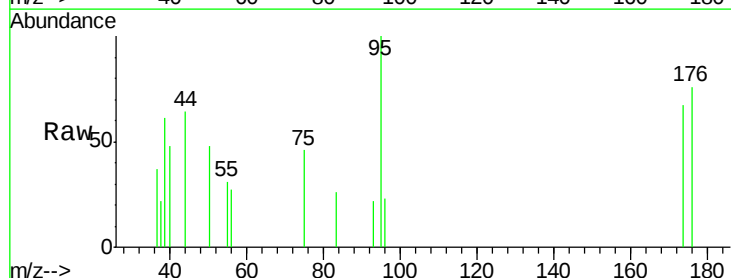
Instrument :
MSVOA_W
ClientSampled :
JC-03-010819-E

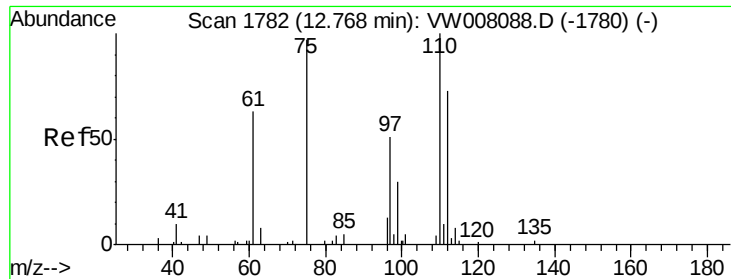
Tot Ion: 43 Resp: 87
Ion Ratio Lower Upper
43 100
70 0.0 32.4 48.6#
55 97.7 18.7 28.1#
61 0.0 19.0 28.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 4.101 ug/l
RT: 12.64 min Scan# 1761
Delta R.T. -0.08 min
Lab File: VW008139.D
Acq: 10 Jan 2019 08:58

Tgt Ion: 83 Resp: 42
Ion Ratio Lower Upper
83 100
131 0.0 5.3 16.1#
85 0.0 32.4 97.2#

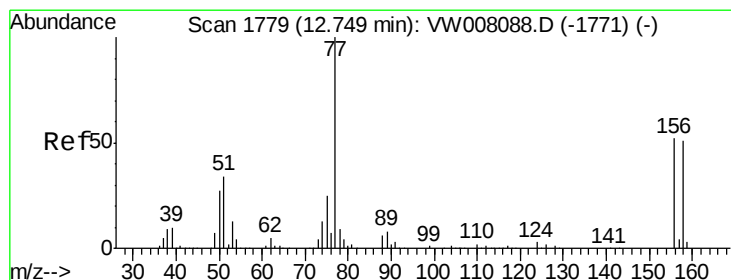
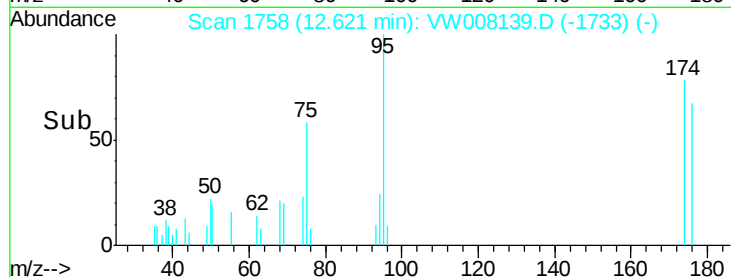
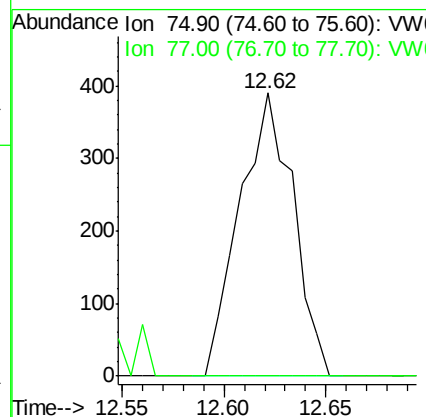
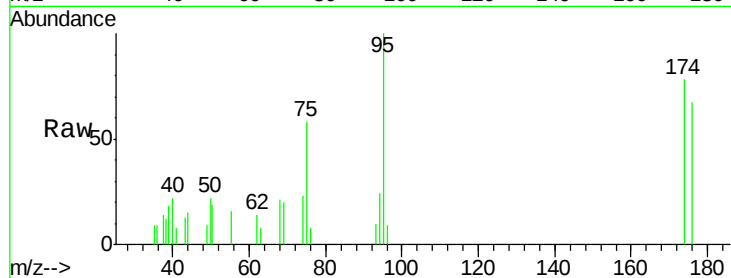




#76
 1,2,3-Trichloropropane
 Concen: 95.564 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW008139.D
 Acq: 10 Jan 2019 08:58

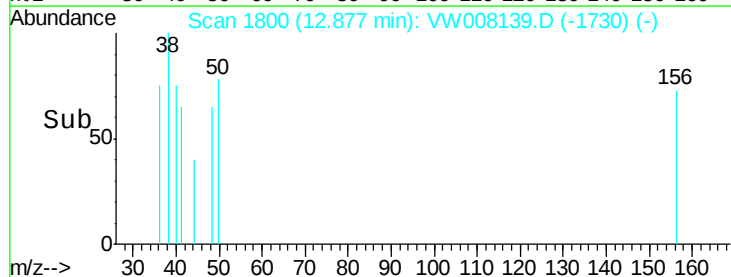
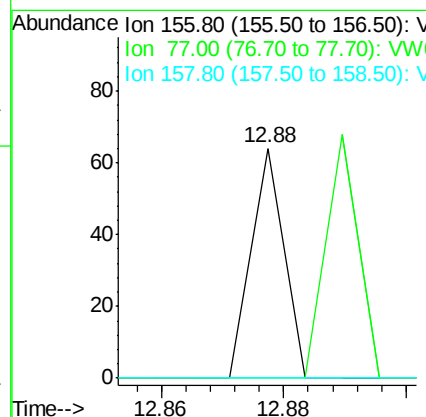
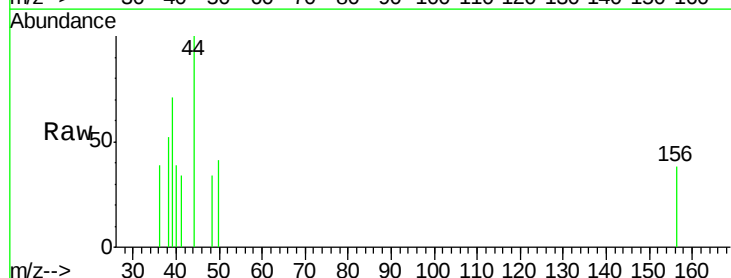
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-010819-E

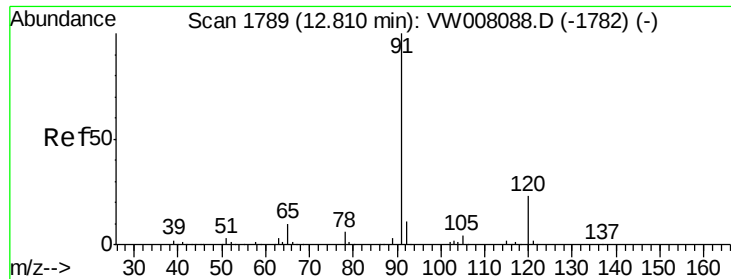
Tot Ion: 75 Resp: 710
 Ion Ratio Lower Upper
 75 100
 77 0.0 179.4 538.2#



#77
 Bromobenzene
 Concen: 1.701 ug/l
 RT: 12.88 min Scan# 1800
 Delta R.T. 0.13 min
 Lab File: VW008139.D
 Acq: 10 Jan 2019 08:58

Tgt Ion: 156 Resp: 23
 Ion Ratio Lower Upper
 156 100
 77 108.7 104.2 312.5
 158 0.0 47.9 143.6#





#78

n-propylbenzene

Concen: 1.008 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.18 min

Lab File: VW008139.D

Acq: 10 Jan 2019 08:58

Instrument :

MSVOA_W

ClientSampleId :

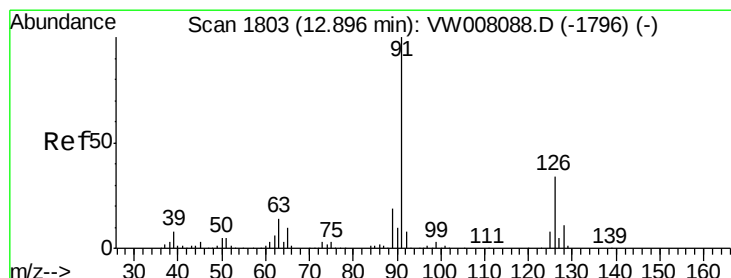
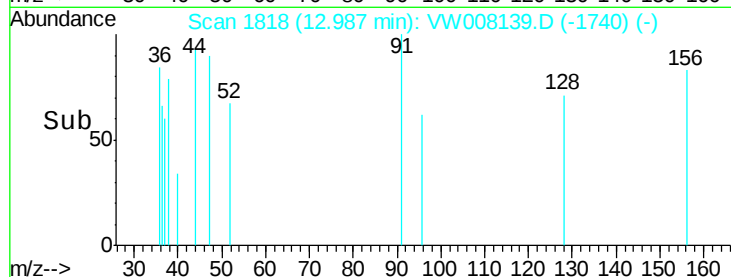
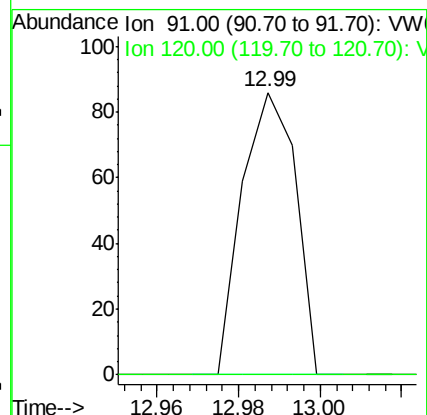
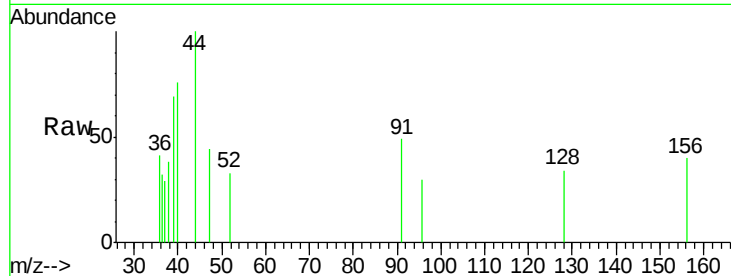
JC-03-010819-E

Tot Ion: 91 Resp: 79

Ion Ratio Lower Upper

91 100

120 0.0 11.3 33.8#



#79

2-Chlorotoluene

Concen: 1.806 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.09 min

Lab File: VW008139.D

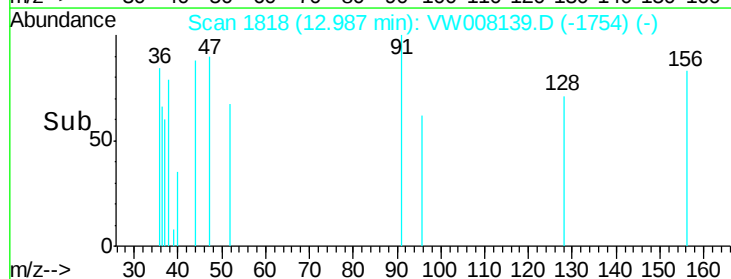
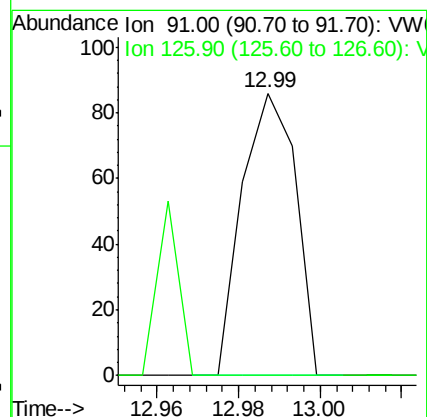
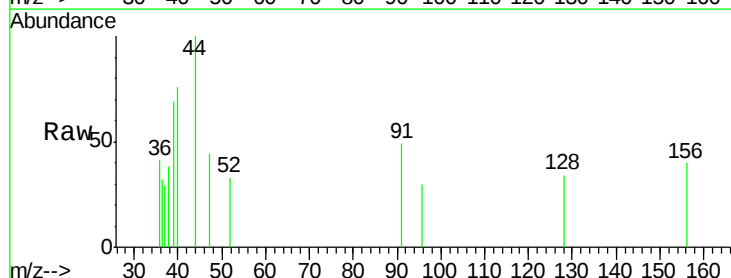
Acq: 10 Jan 2019 08:58

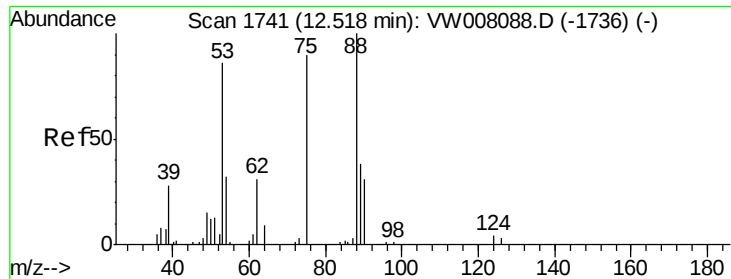
Tgt Ion: 91 Resp: 79

Ion Ratio Lower Upper

91 100

126 0.0 16.8 50.3#





#81

trans-1,4-Dichloro-2-butene

Concen: 222.538 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008139.D

Acq: 10 Jan 2019 08:58

Instrument :

MSVOA_W

ClientSampleId :

JC-03-010819-E

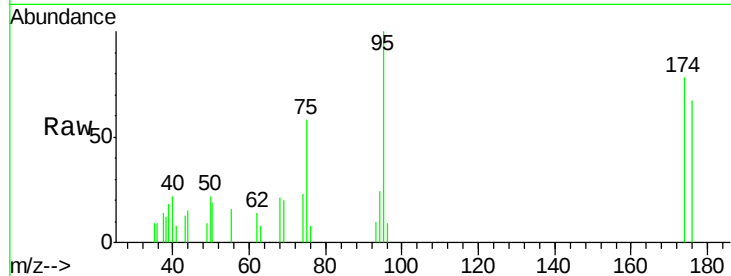
Tot Ion: 75 Resp: 710

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

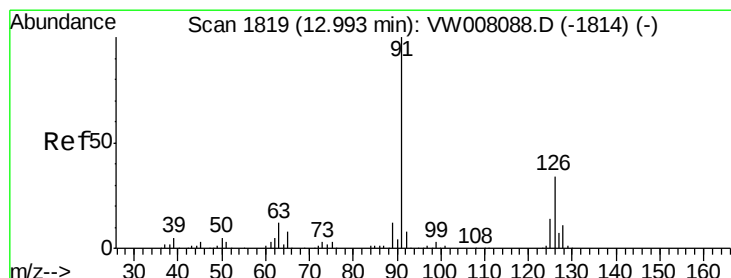
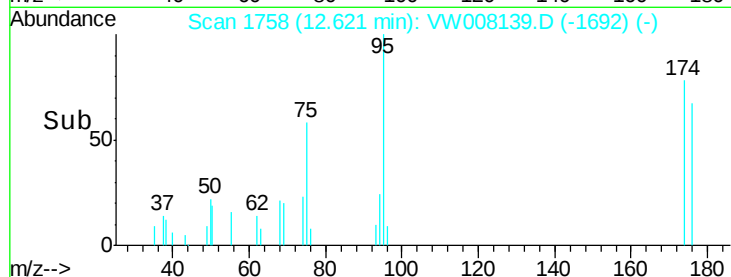
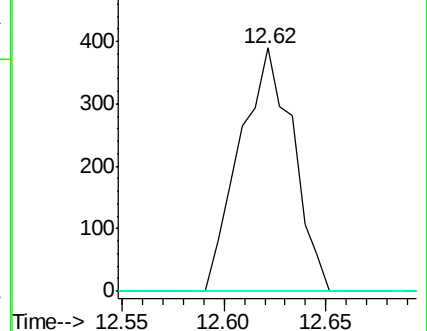
89 0.0 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 1.715 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW008139.D

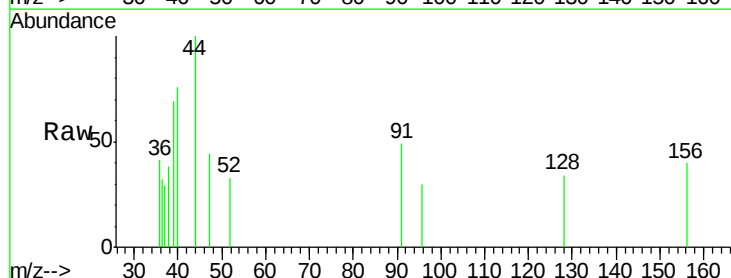
Acq: 10 Jan 2019 08:58

Tgt Ion: 91 Resp: 79

Ion Ratio Lower Upper

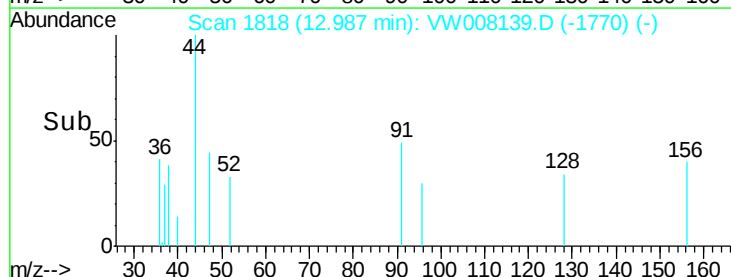
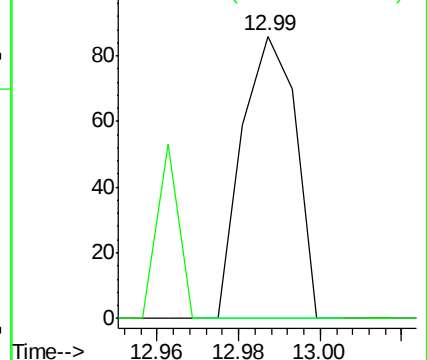
91 100

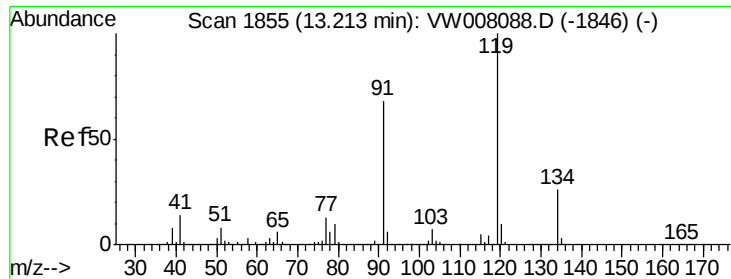
126 0.0 16.5 49.5#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

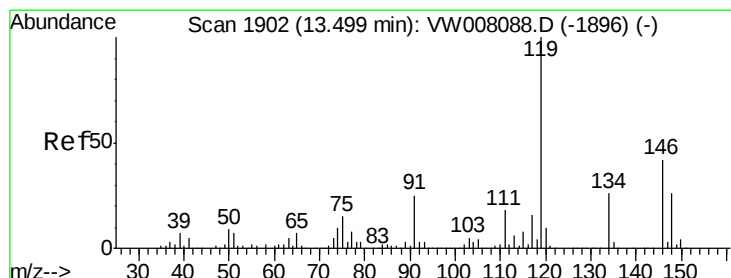
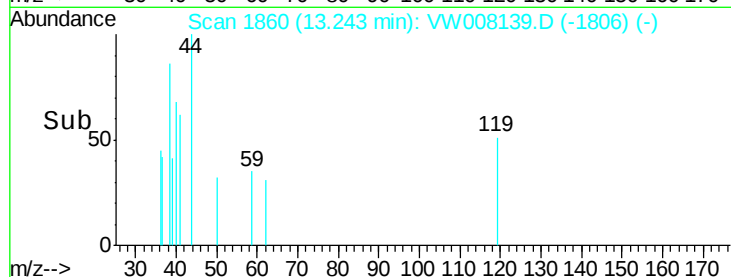
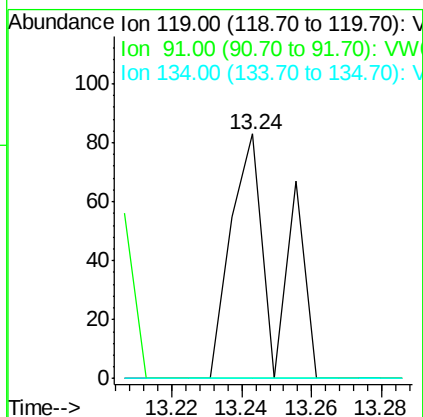
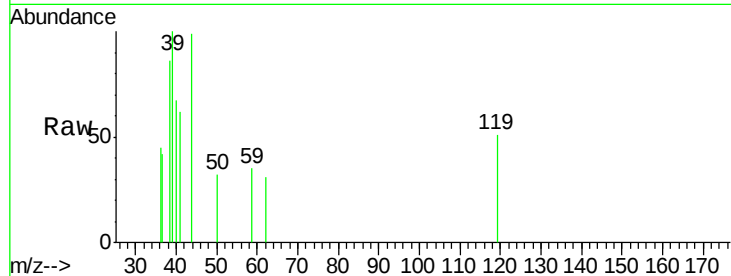




#83
tert-Butylbenzene
Concen: 1.612 ug/l
RT: 13.24 min Scan# 1860
Delta R.T. 0.03 min
Lab File: VW008139.D
Acq: 10 Jan 2019 08:58

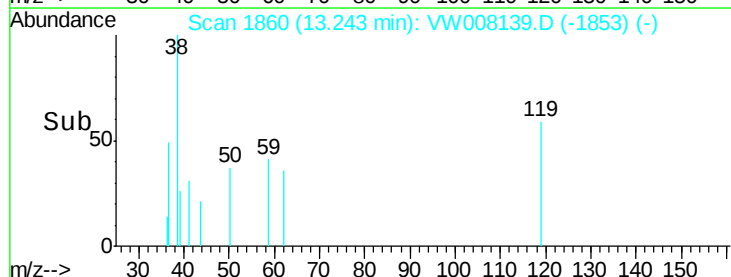
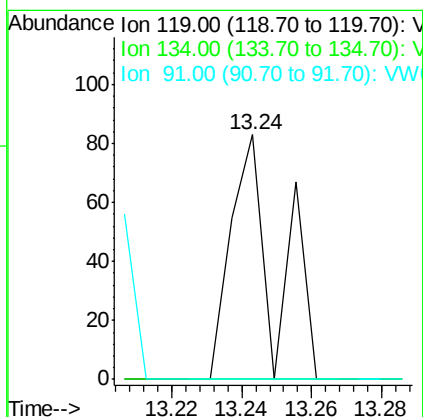
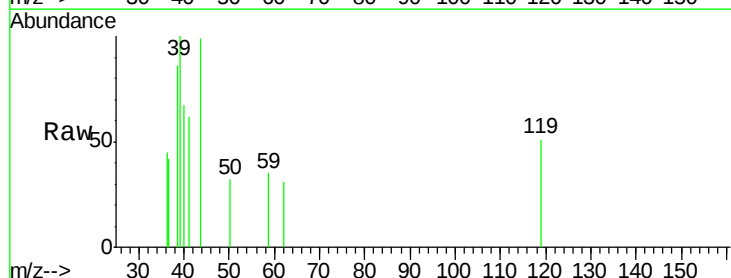
Instrument :
MSVOA_W
ClientSampleId :
JC-03-010819-E

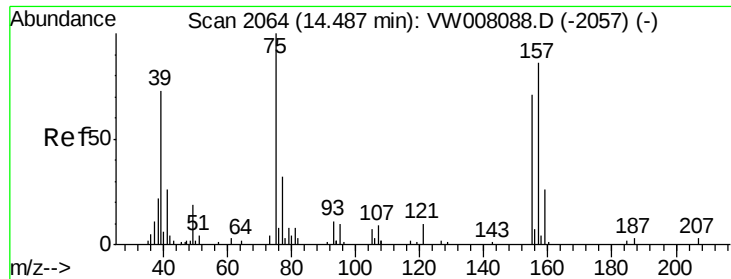
Tot Ion:119 Resp: 75
Ion Ratio Lower Upper
119 100
91 0.0 33.9 101.6#
134 0.0 13.6 40.8#



#86
p-Isopropyltoluene
Concen: 1.275 ug/l
RT: 13.24 min Scan# 1860
Delta R.T. -0.26 min
Lab File: VW008139.D
Acq: 10 Jan 2019 08:58

Tgt Ion:119 Resp: 75
Ion Ratio Lower Upper
119 100
134 0.0 13.3 39.8#
91 0.0 12.3 36.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 13.954 ug/l

RT: 14.51 min Scan# 2068

Delta R.T. 0.02 min

Lab File: VW008139.D

Acq: 10 Jan 2019 08:58

Instrument :

MSVOA_W

ClientSampleId :

JC-03-010819-E

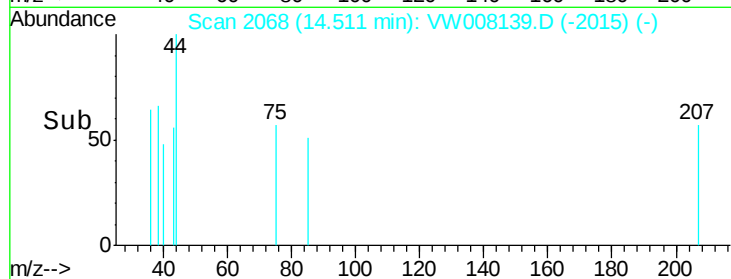
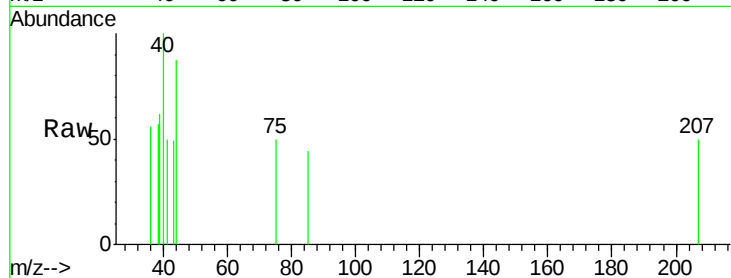
Tot Ion: 75 Resp: 23

Ion Ratio Lower Upper

75 100

155 0.0 38.6 115.7#

157 0.0 47.5 142.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

