

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011694.D
 Acq On : 04 Aug 2019 05:34
 Operator : SY/VA
 Sample : K4153-01
 Misc : 6.86G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-4221

Quant Time: Aug 05 01:07:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	5350	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.84	114	8179	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	5304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	706	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	4057	66.04	ug/l	0.00
Spiked Amount			Recovery	=	132.08%	
35) Dibromofluoromethane	7.89	113	3069	66.88	ug/l	0.00
Spiked Amount			Recovery	=	133.76%	
50) Toluene-d8	10.32	98	9152	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.62	95	1391	20.77	ug/l	0.00
Spiked Amount			Recovery	=	41.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.23	50	112	2.166	ug/l #	37
6) Chloroethane	2.96	64	142	3.994	ug/l #	44
11) Tert butyl alcohol	5.14	59	304	53.002	ug/l #	72
13) Acrolein	3.79	56	43	9.755	ug/l #	15
15) Acrylonitrile	5.49	53	22	1.397	ug/l #	17
16) Acetone	4.14	43	710	36.333	ug/l #	47
18) Methyl Acetate	4.68	43	157	3.576	ug/l #	57
20) Methylene Chloride	4.92	84	320	4.748	ug/l #	84
25) 2-Butanone	7.21	43	45	1.760	ug/l #	56
28) Bromochloromethane	7.43	49	69	1.299	ug/l #	23
29) Tetrahydrofuran	7.55	42	82	5.610	ug/l #	41
36) 1,1-Dichloropropene	7.95	75	542	6.373	ug/l #	44
40) Benzene	8.37	78	522	2.191	ug/l #	32
41) Methacrylonitrile	7.47	41	48	1.641	ug/l #	1
48) Methyl methacrylate	9.41	41	76	1.758	ug/l #	44
59) 2-Hexanone	10.99	43	156	4.720	ug/l #	28
74) N-amyl acetate	12.24	43	151	9.157	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.79	83	26	2.624	ug/l #	26
76) 1,2,3-Trichloropropane	12.62	75	780	104.414	ug/l #	100
78) n-propylbenzene	12.80	91	156	2.434	ug/l #	81
79) 2-Chlorotoluene	12.87	91	273	7.393	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.80	105	72	1.631	ug/l #	70
81) trans-1,4-Dichloro-2-buten	12.62	75	780	240.637	ug/l #	8
82) 4-Chlorotoluene	13.01	91	263	6.788	ug/l #	57
85) sec-Butylbenzene	13.30	105	87	1.651	ug/l #	87
86) p-Isopropyltoluene	13.48	119	109	2.280	ug/l #	1
87) 1,3-Dichlorobenzene	13.57	146	30	1.314	ug/l #	25
88) 1,4-Dichlorobenzene	13.57	146	30	1.321	ug/l #	25
89) n-Butylbenzene	13.86	91	342	7.170	ug/l #	32
90) Hexachloroethane	14.13	117	18	2.130	ug/l #	10
91) 1,2-Dichlorobenzene	13.72	146	25	1.238	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	14.59	75	20	11.838	ug/l #	5

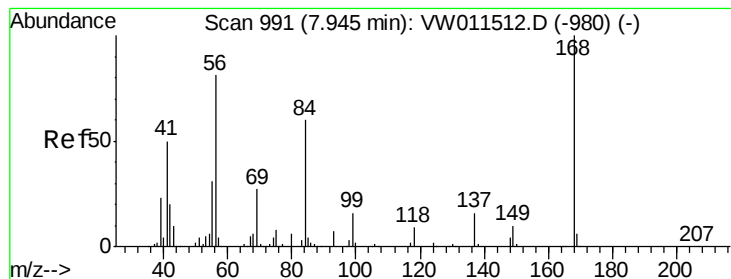
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
Data File : VW011694.D
Acq On : 04 Aug 2019 05:34
Operator : SY/VA
Sample : K4153-01
Misc : 6.86G/5ML/MSVOA W/SOIL
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Instrument :
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ClientSampleId :
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Quant Time: Aug 05 01:07:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW011694.D

Acq: 04 Aug 2019 05:34

Instrument :

MSVOA_W

ClientSampled :

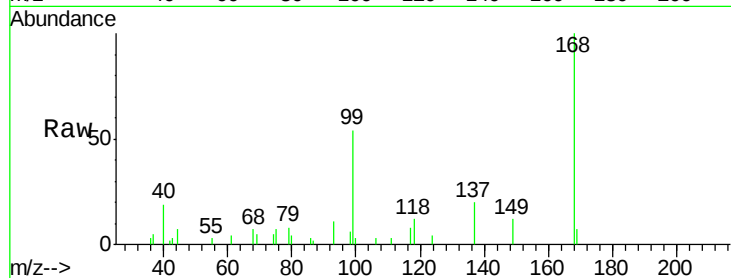
RT-4221

Tot Ion:168 Resp: 5350

Ion Ratio Lower Upper

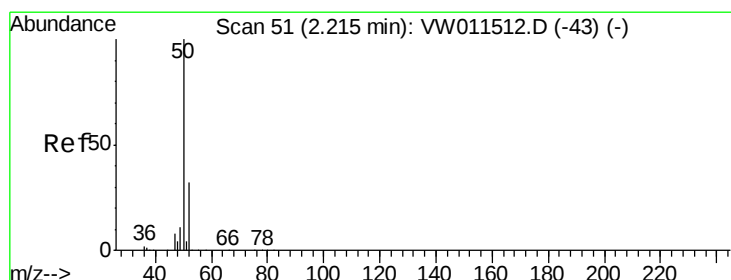
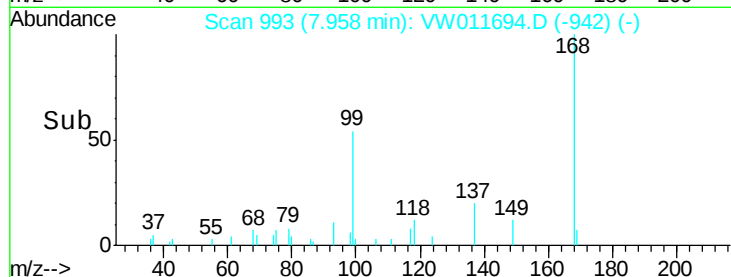
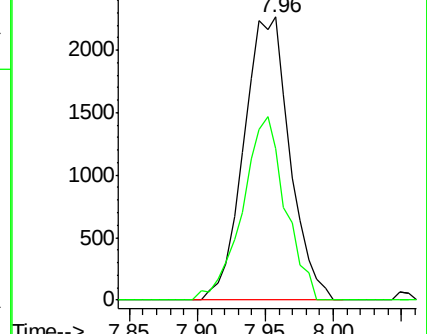
168 100

99 53.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#3

Chloromethane

Concen: 2.166 ug/l

RT: 2.23 min Scan# 54

Delta R.T. 0.02 min

Lab File: VW011694.D

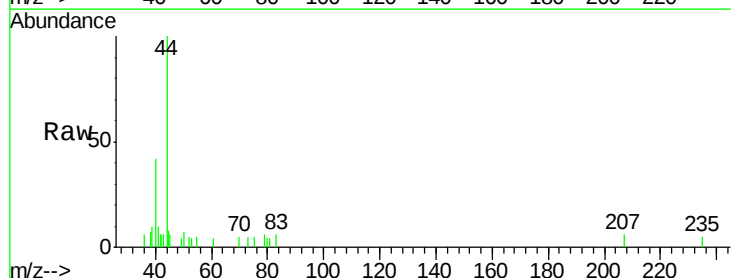
Acq: 04 Aug 2019 05:34

Tgt Ion: 50 Resp: 112

Ion Ratio Lower Upper

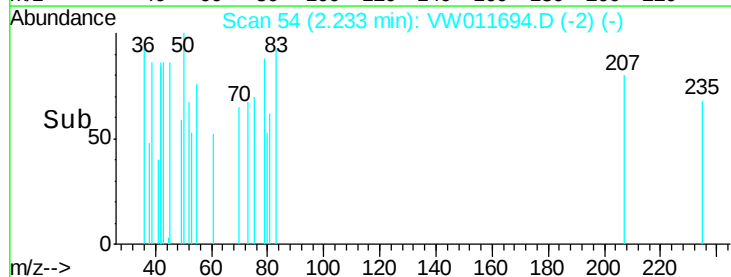
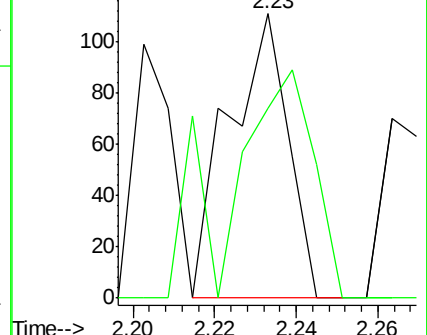
50 100

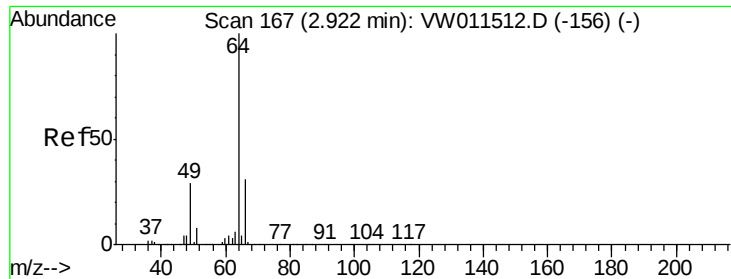
52 66.7 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW





#6

Chloroethane

Concen: 3.994 ug/l

RT: 2.96 min Scan# 173

Delta R.T. 0.04 min

Lab File: VW011694.D

Acq: 04 Aug 2019 05:34

Instrument :

MSVOA_W

ClientSampled :

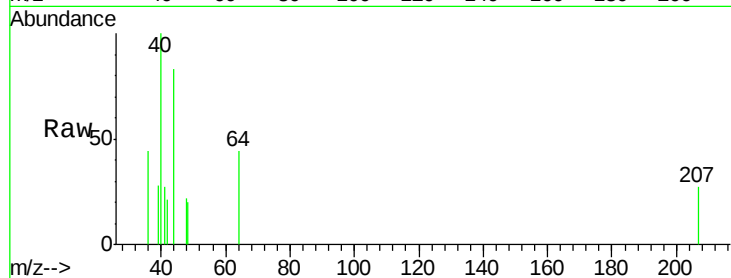
RT-4221

Tot Ion: 64 Resp: 142

Ion Ratio Lower Upper

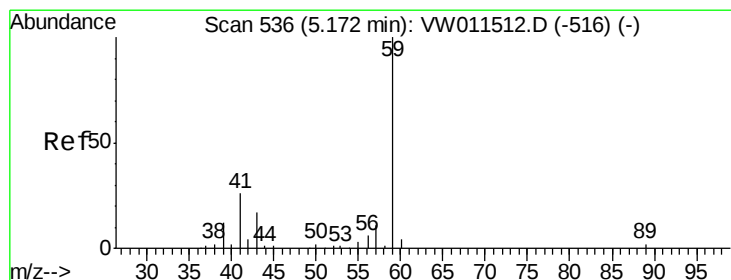
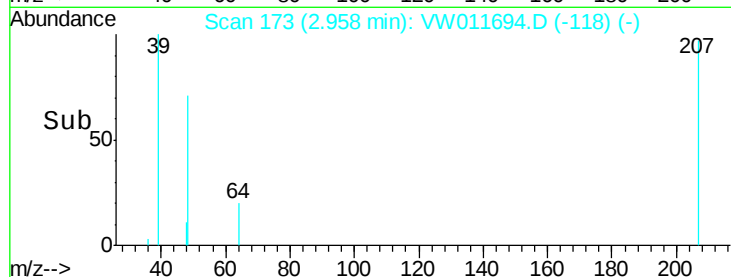
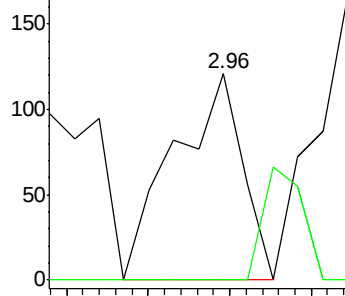
64 100

66 0.0 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



#11

Tert butyl alcohol

Concen: 53.002 ug/l

RT: 5.14 min Scan# 531

Delta R.T. -0.03 min

Lab File: VW011694.D

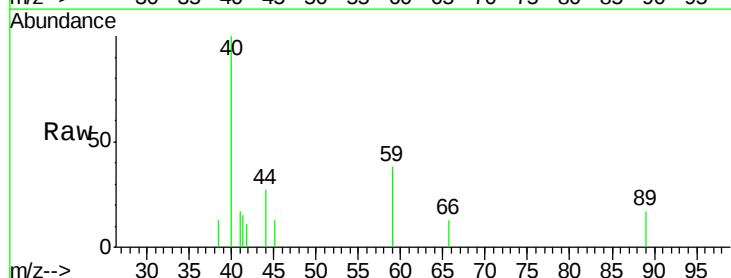
Acq: 04 Aug 2019 05:34

Tgt Ion: 59 Resp: 304

Ion Ratio Lower Upper

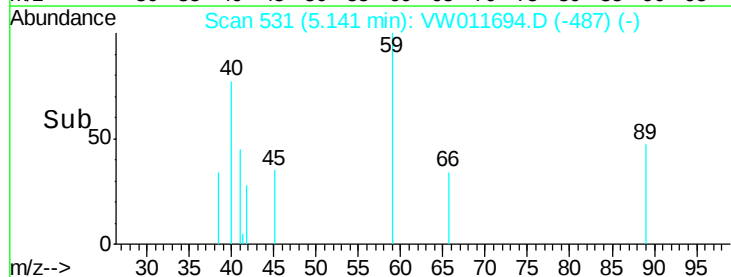
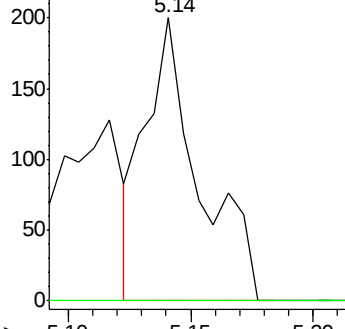
59 100

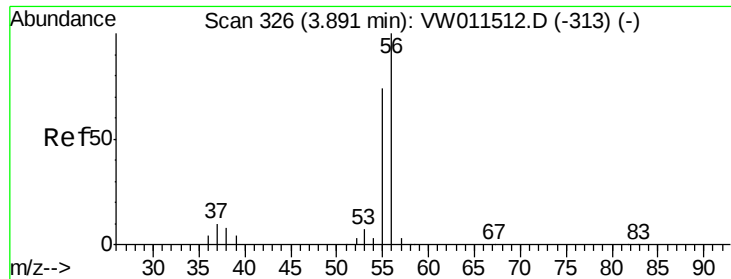
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 9.755 ug/l

RT: 3.79 min Scan# 309

Delta R.T. -0.10 min

Lab File: VW011694.D

Acq: 04 Aug 2019 05:34

Instrument :

MSVOA_W

ClientSampled :

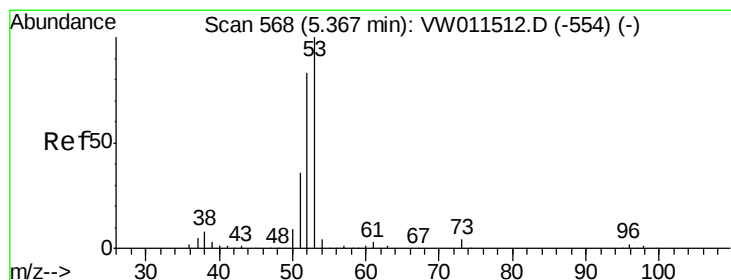
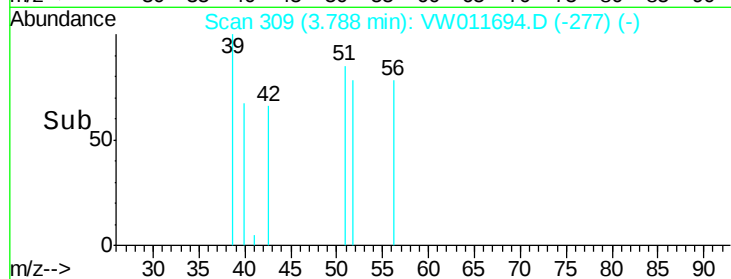
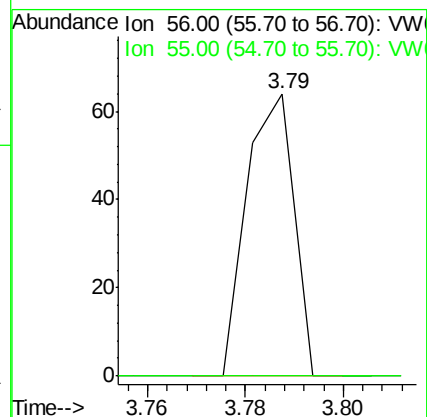
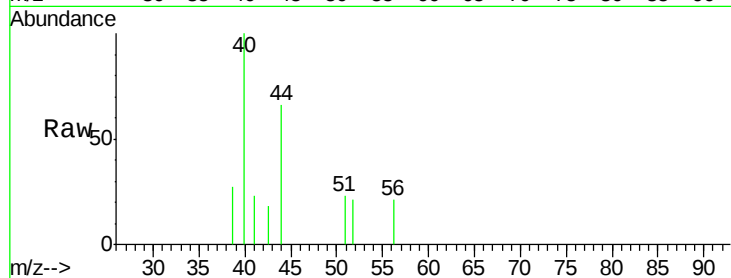
RT-4221

Tot Ion: 56 Resp: 43

Ion Ratio Lower Upper

56 100

55 0.0 56.0 84.0#



#15

Acrylonitrile

Concen: 1.397 ug/l

RT: 5.49 min Scan# 589

Delta R.T. 0.13 min

Lab File: VW011694.D

Acq: 04 Aug 2019 05:34

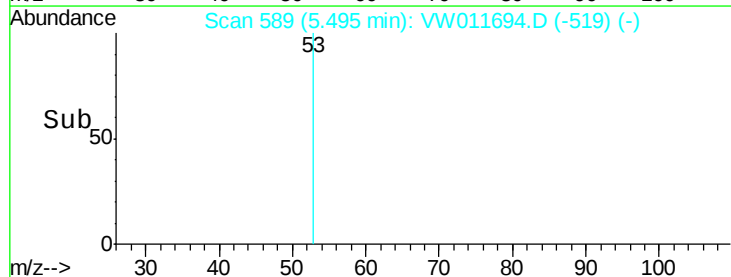
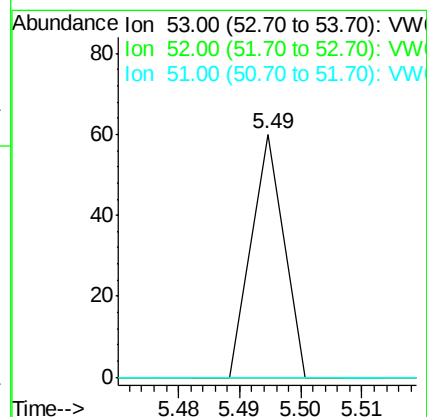
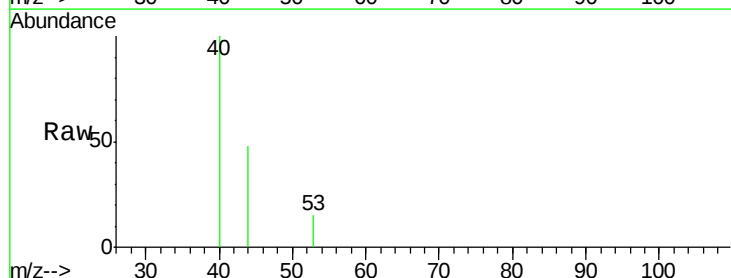
Tgt Ion: 53 Resp: 22

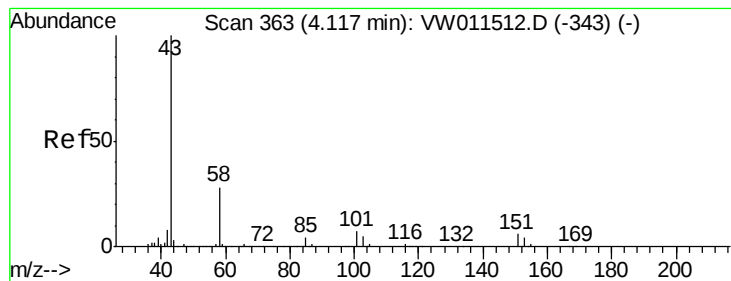
Ion Ratio Lower Upper

53 100

52 0.0 67.2 100.8#

51 0.0 30.0 45.0#





#16

Acetone

Concen: 36.333 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011694.D

Acq: 04 Aug 2019 05:34

Instrument :

MSVOA_W

ClientSampled :

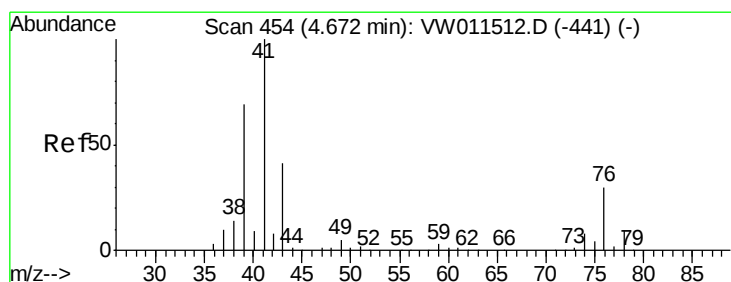
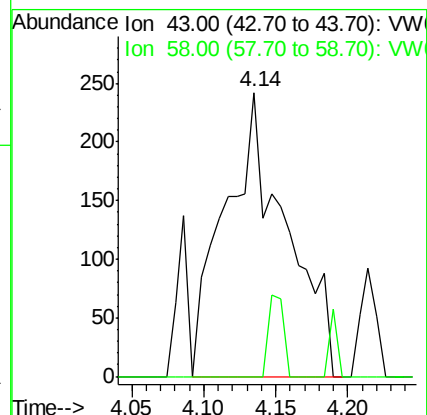
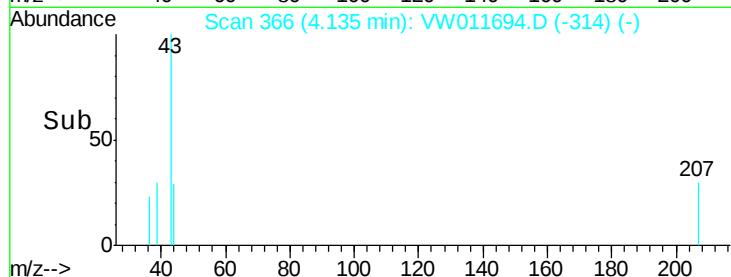
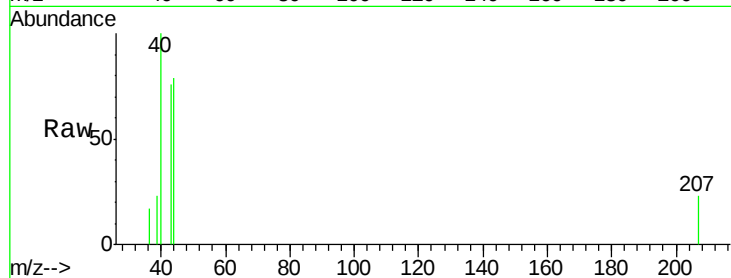
RT-4221

Tot Ion: 43 Resp: 710

Ion Ratio Lower Upper

43 100

58 0.0 22.3 33.5#



#18

Methyl Acetate

Concen: 3.576 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW011694.D

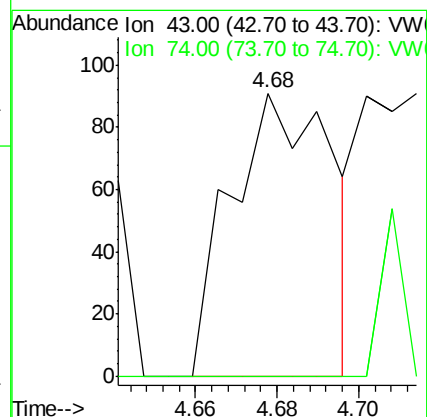
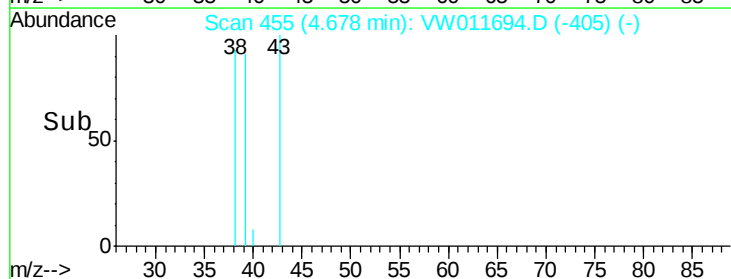
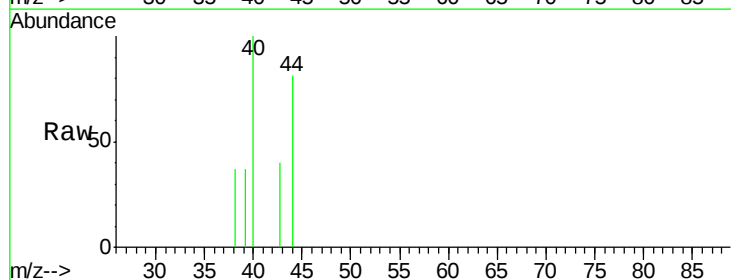
Acq: 04 Aug 2019 05:34

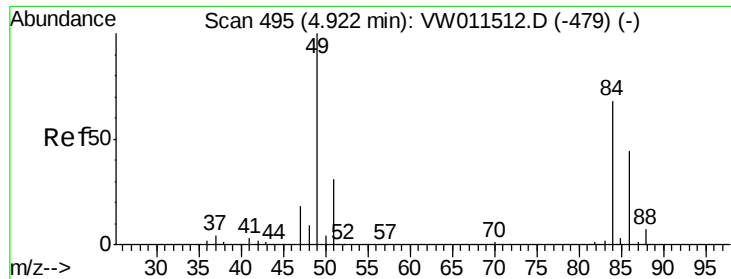
Tgt Ion: 43 Resp: 157

Ion Ratio Lower Upper

43 100

74 0.0 15.9 23.9#

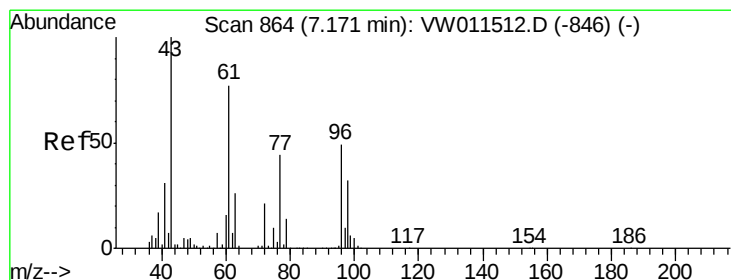
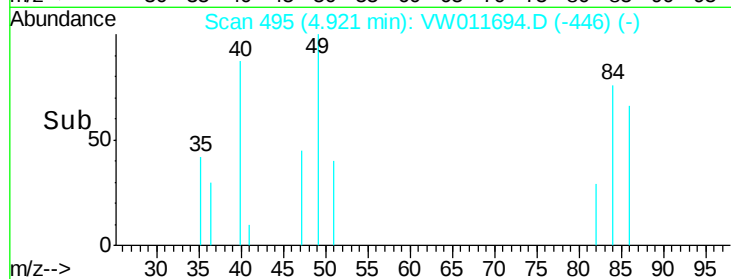
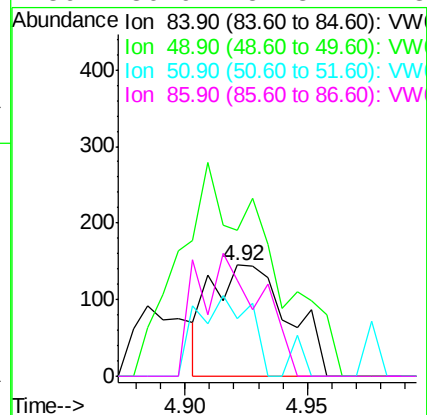
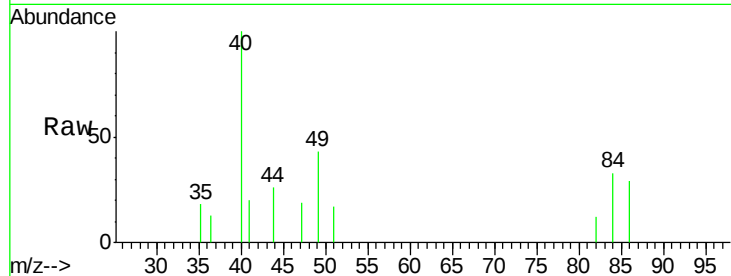




#20
Methvlene Chloride
Concen: 4.748 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW011694.D
Acq: 04 Aug 2019 05:34

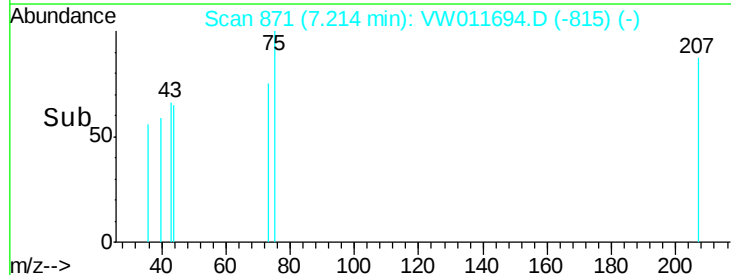
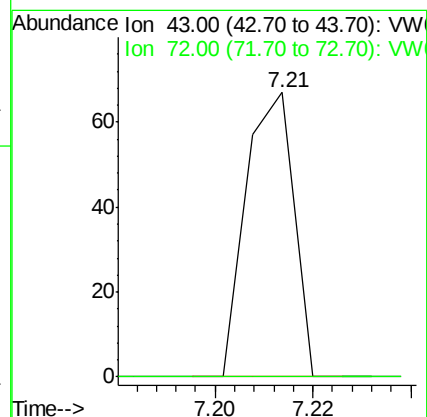
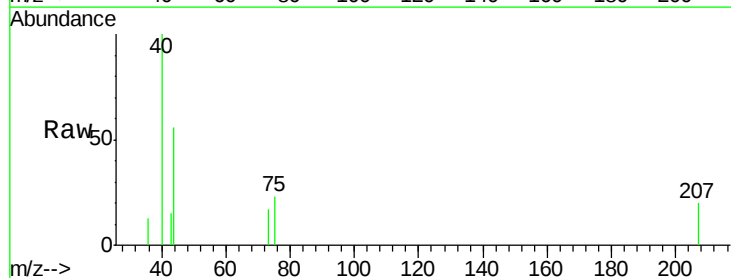
Instrument :
MSVOA_W
ClientSampled :
RT-4221

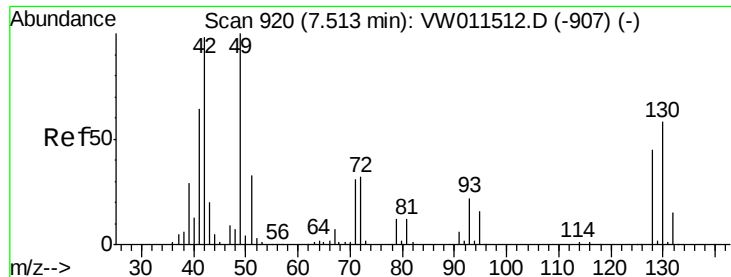
Tot Ion: 84 Resp: 320
Ion Ratio Lower Upper
84 100
49 131.0 117.8 176.6
51 52.4 37.0 55.4
86 86.9 51.8 77.8#



#25
2-Butanone
Concen: 1.760 ug/l
RT: 7.21 min Scan# 871
Delta R.T. 0.04 min
Lab File: VW011694.D
Acq: 04 Aug 2019 05:34

Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
72 0.0 16.6 24.8#





#28

Bromochloromethane

Concen: 1.299 ug/l

RT: 7.43 min Scan# 907

Delta R.T. -0.08 min

Lab File: VW011694.D

Acq: 04 Aug 2019 05:34

Instrument :

MSVOA_W

ClientSampled :

RT-4221

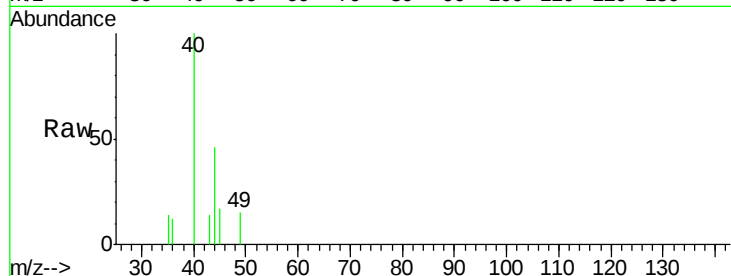
Tot Ion: 49 Resp: 69

Ion Ratio Lower Upper

49 100

129 0.0 0.0 1.0

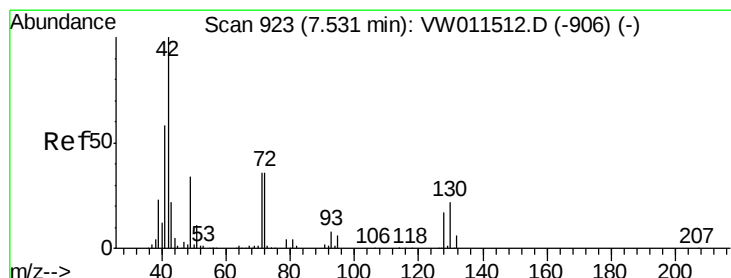
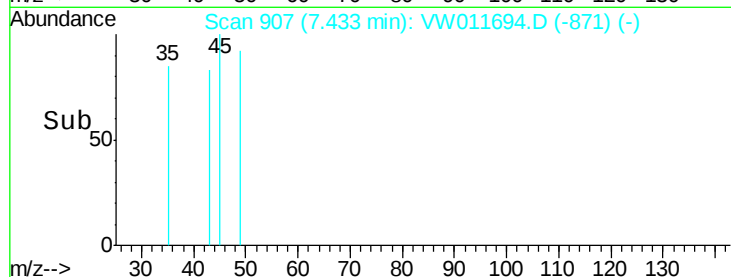
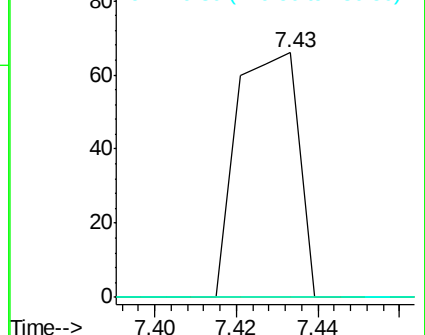
130 0.0 46.3 69.5#



Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): VW

Ion 129.80 (129.50 to 130.50): VW



#29

Tetrahydrofuran

Concen: 5.610 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.02 min

Lab File: VW011694.D

Acq: 04 Aug 2019 05:34

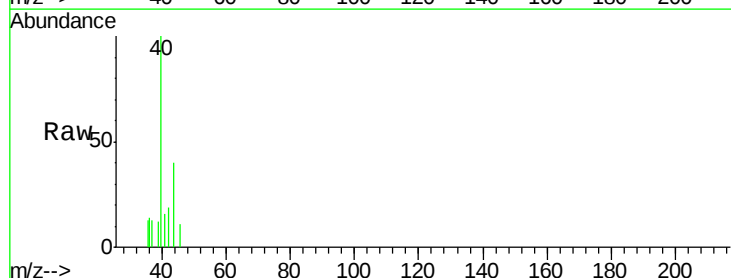
Tgt Ion: 42 Resp: 82

Ion Ratio Lower Upper

42 100

72 0.0 27.1 40.7#

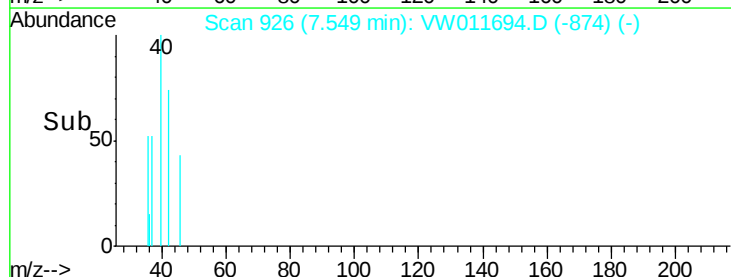
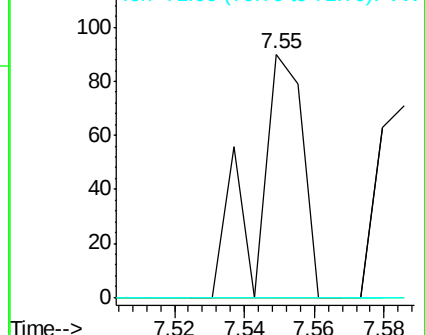
71 0.0 26.2 39.4#

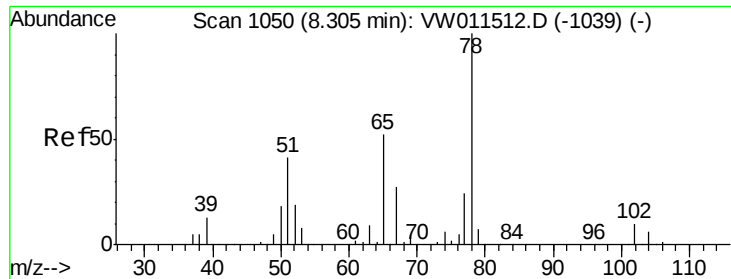


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

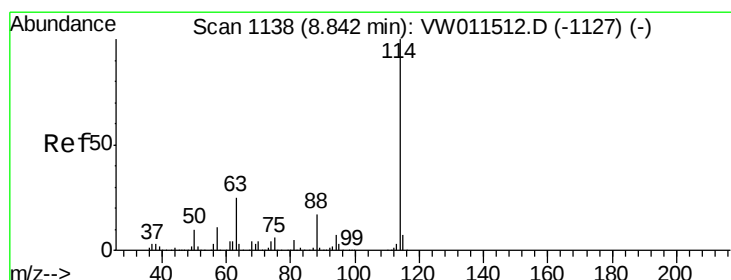
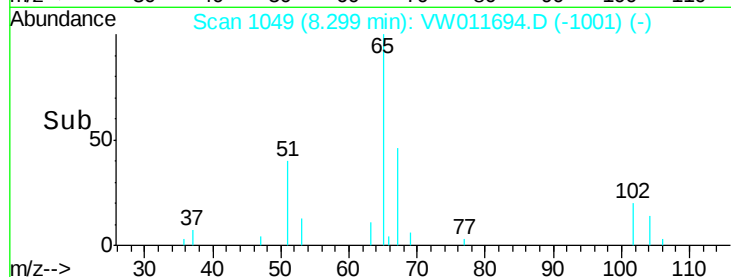
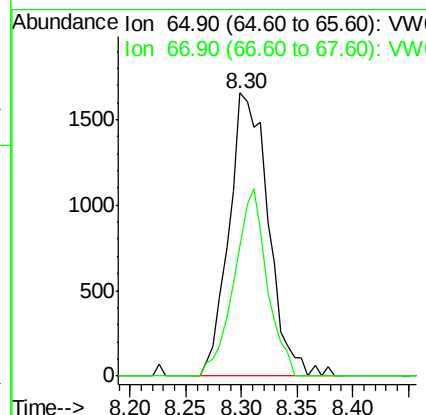
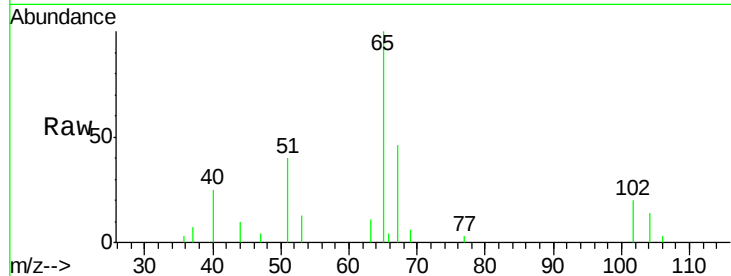




#33
 1,2-Dichloroethane-d4
 Concen: 66.040 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011694.D
 Acq: 04 Aug 2019 05:34

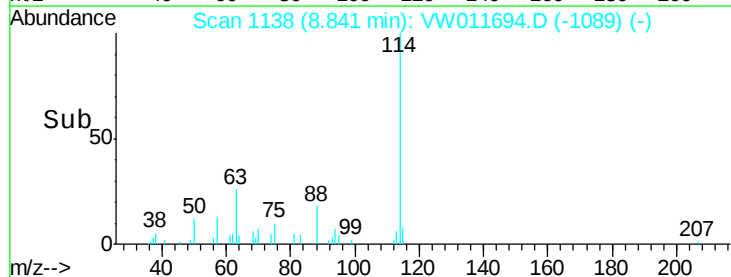
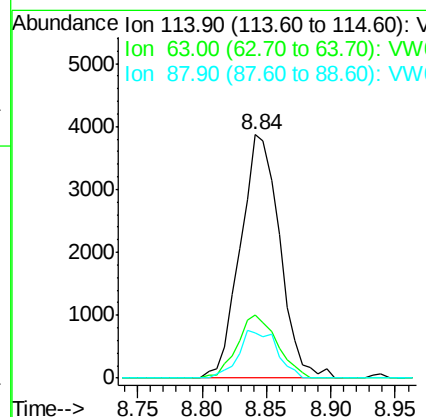
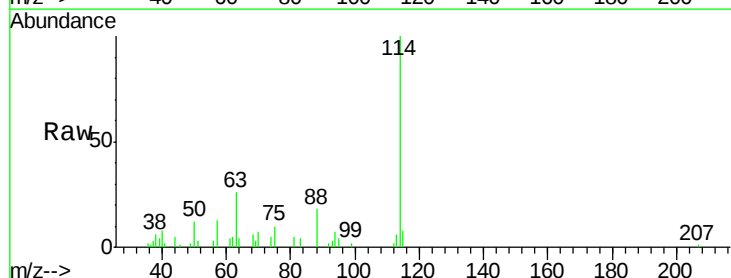
Instrument :
 MSVOA_W
 ClientSampleId :
 RT-4221

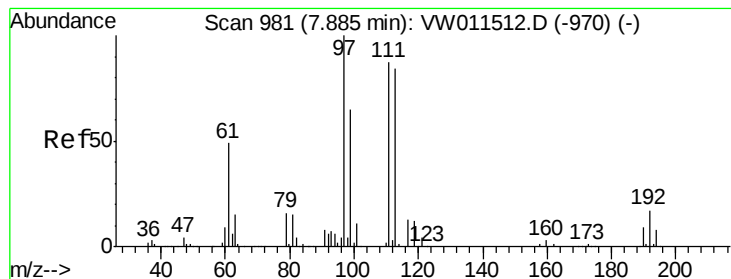
Tot Ion: 65 Resp: 4057
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011694.D
 Acq: 04 Aug 2019 05:34

Tgt Ion: 114 Resp: 8179
 Ion Ratio Lower Upper
 114 100
 63 26.1 0.0 49.2
 88 18.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 66.884 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW011694.D

Acq: 04 Aug 2019 05:34

Instrument :

MSVOA_W

ClientSampleId :

RT-4221

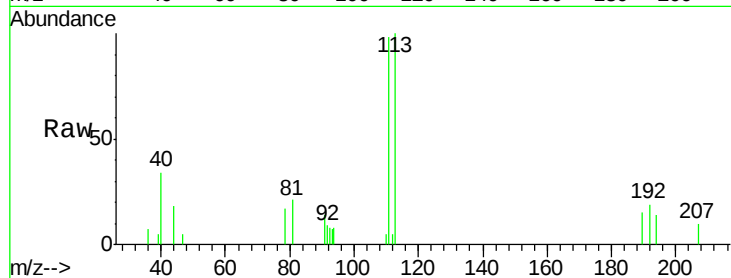
Tot Ion:113 Resp: 3069

Ion Ratio Lower Upper

113 100

111 102.4 82.7 124.1

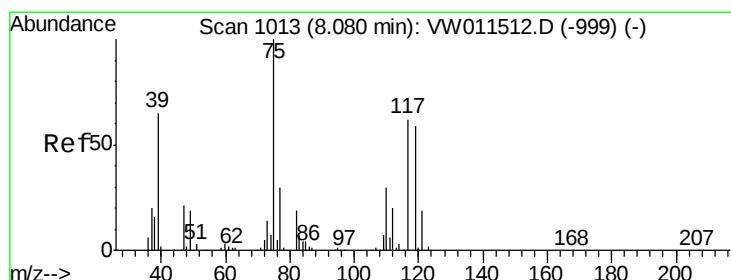
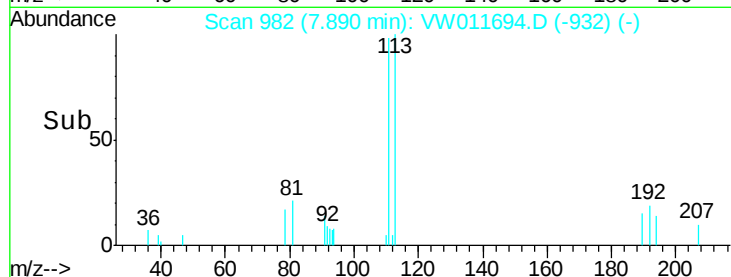
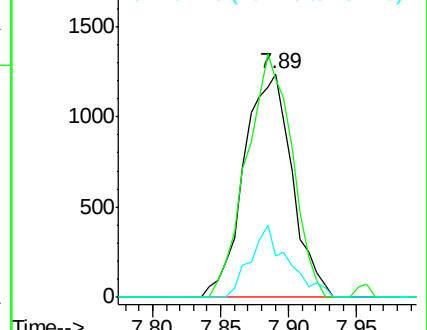
192 25.4 16.1 24.1#



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: 6.373 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW011694.D

Acq: 04 Aug 2019 05:34

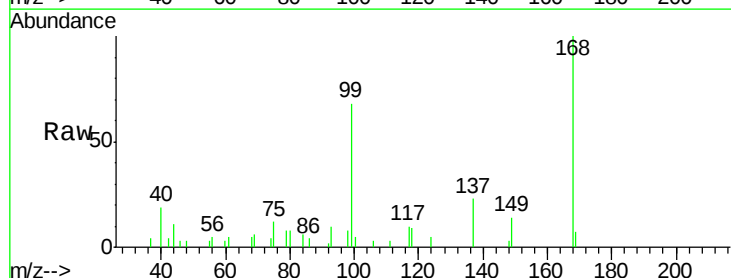
Tgt Ion: 75 Resp: 542

Ion Ratio Lower Upper

75 100

110 0.0 15.6 46.8#

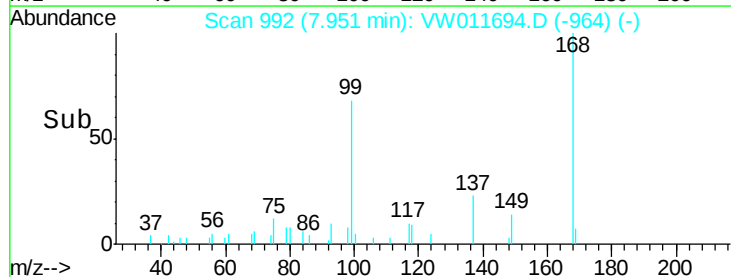
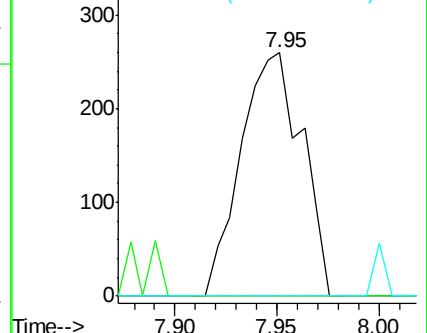
77 0.0 24.3 36.5#

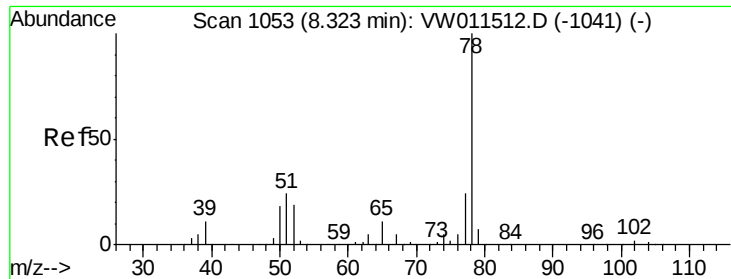


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#40

Benzene

Concen: 2.191 ug/l

RT: 8.37 min Scan# 1061

Delta R.T. 0.05 min

Lab File: VW011694.D

Acq: 04 Aug 2019 05:34

Instrument :

MSVOA_W

ClientSampled :

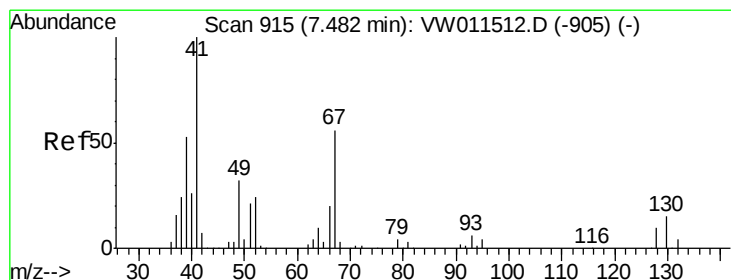
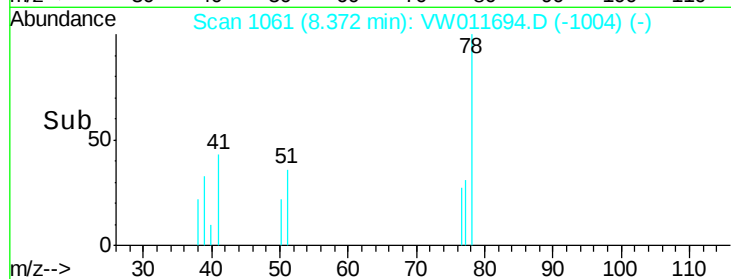
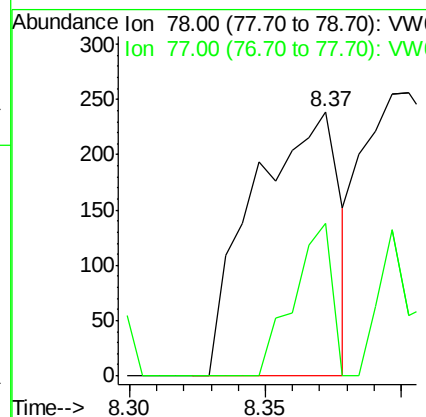
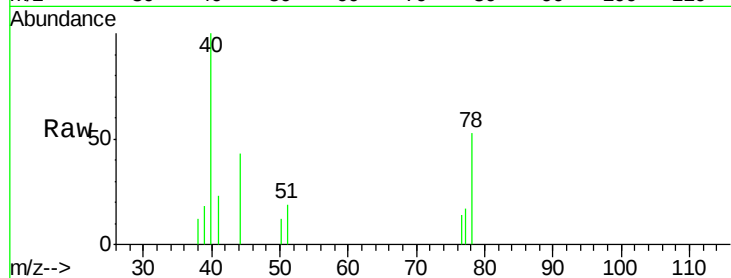
RT-4221

Tot Ion: 78 Resp: 522

Ion Ratio Lower Upper

78 100

77 57.7 19.4 29.0#



#41

Methacrylonitrile

Concen: 1.641 ug/l

RT: 7.47 min Scan# 913

Delta R.T. -0.01 min

Lab File: VW011694.D

Acq: 04 Aug 2019 05:34

Tgt Ion: 41 Resp: 48

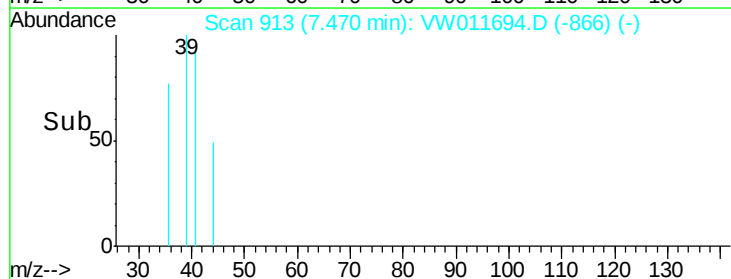
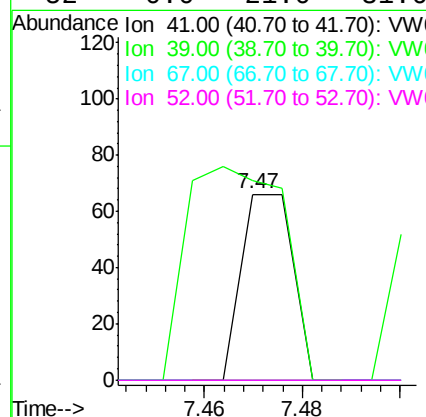
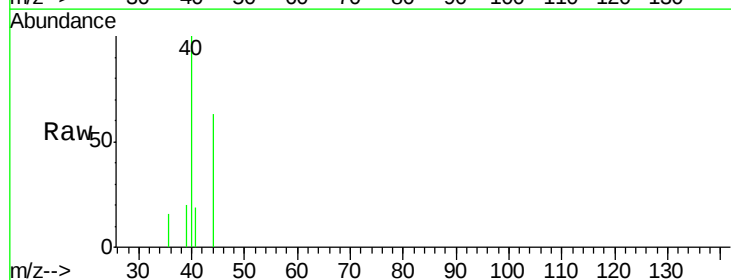
Ion Ratio Lower Upper

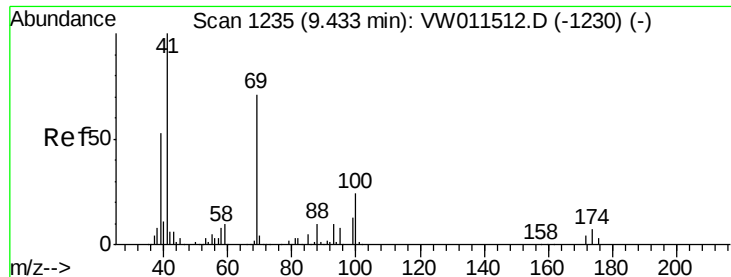
41 100

39 218.8 43.0 64.4#

67 0.0 47.5 71.3#

52 0.0 21.0 31.6#

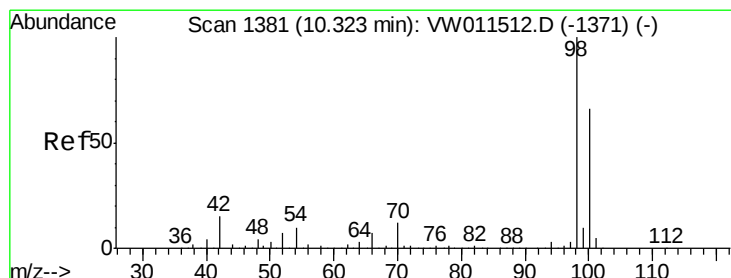
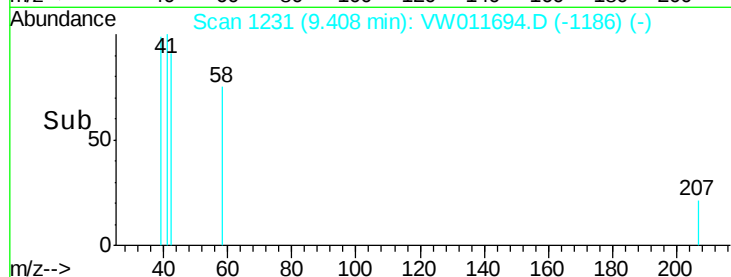
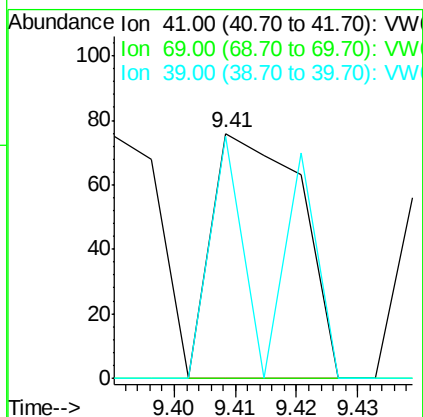
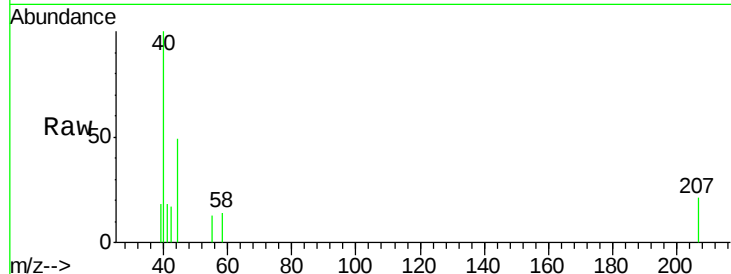




#48
Methvl methacrylate
Concen: 1.758 ug/l
RT: 9.41 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VW011694.D
Acq: 04 Aug 2019 05:34

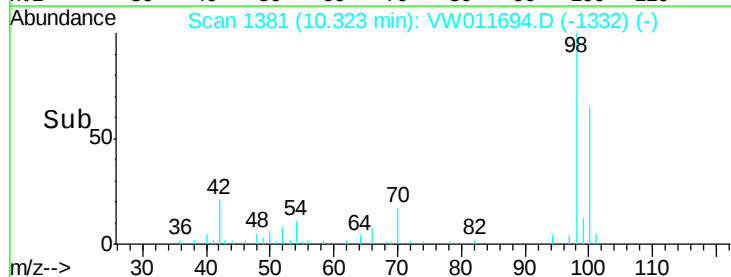
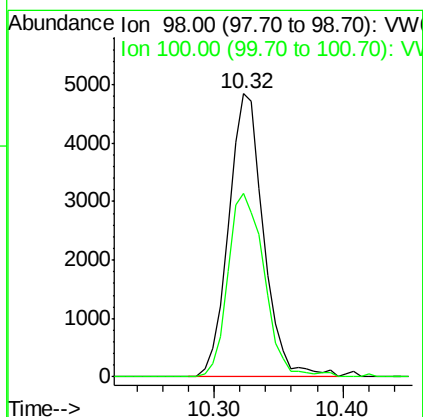
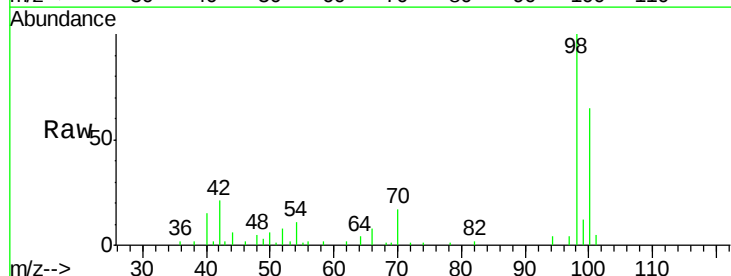
Instrument :
MSVOA_W
ClientSampleId :
RT-4221

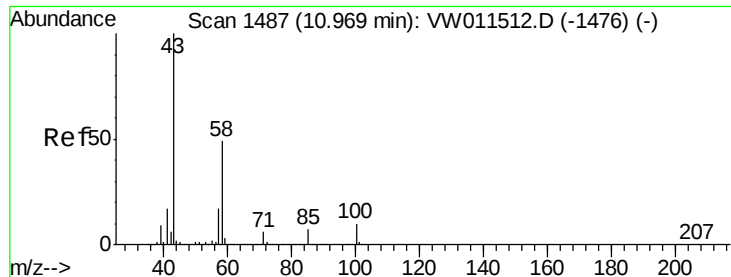
Tot Ion: 41 Resp: 76
Ion Ratio Lower Upper
41 100
69 0.0 57.1 85.7#
39 69.7 45.4 68.2#



#50
Toluene-d8
Concen: 48.715 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011694.D
Acq: 04 Aug 2019 05:34

Tgt Ion: 98 Resp: 9152
Ion Ratio Lower Upper
98 100
100 67.4 52.7 79.1





#59

2-Hexanone

Concen: 4.720 ug/l

RT: 10.99 min Scan# 1490

Delta R.T. 0.02 min

Lab File: VW011694.D

Acq: 04 Aug 2019 05:34

Instrument :

MSVOA_W

ClientSampleId :

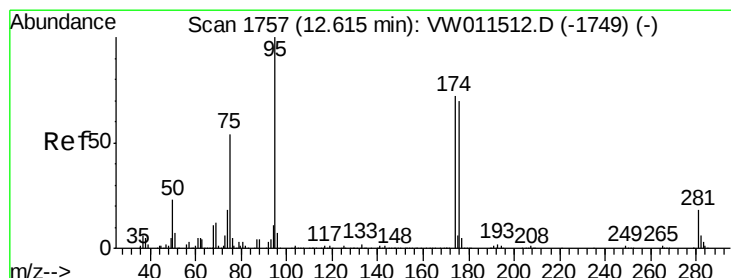
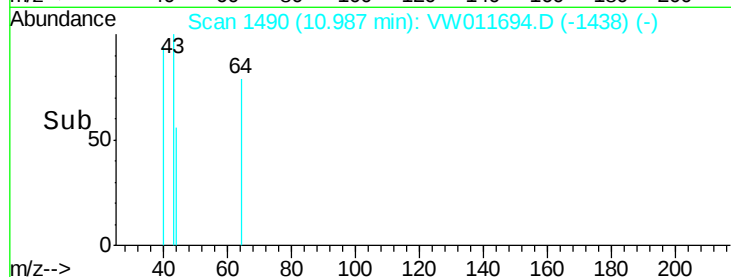
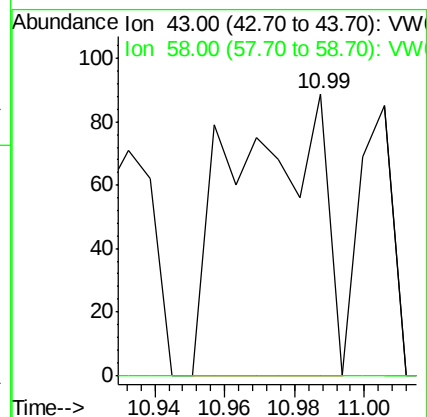
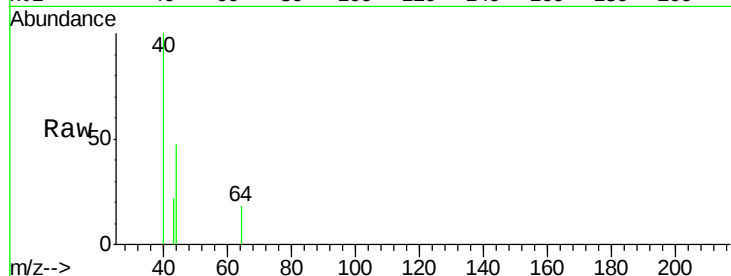
RT-4221

Tot Ion: 43 Resp: 156

Ion Ratio Lower Upper

43 100

58 0.0 24.3 72.9#



#62

4-Bromofluorobenzene

Concen: 20.768 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011694.D

Acq: 04 Aug 2019 05:34

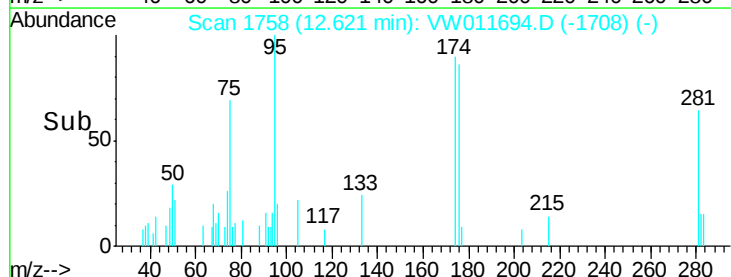
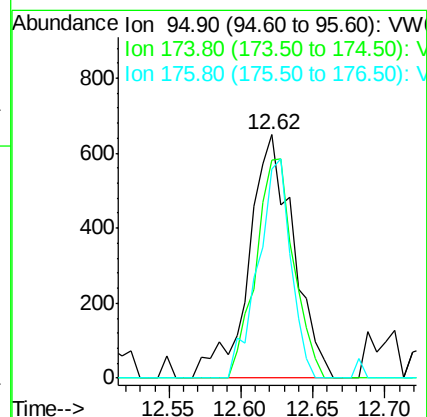
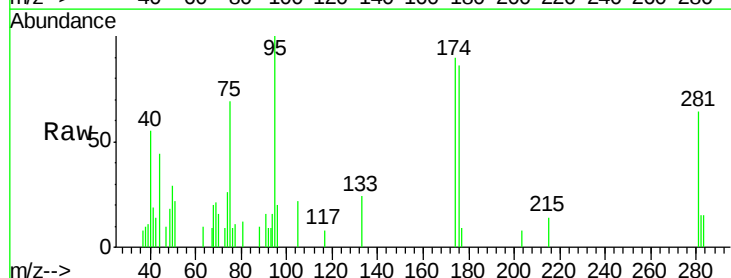
Tgt Ion: 95 Resp: 1391

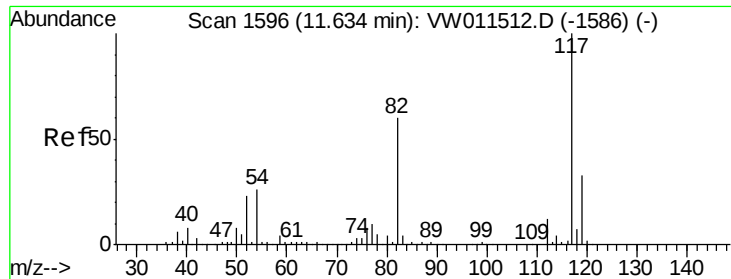
Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.2

176 65.8 0.0 144.4

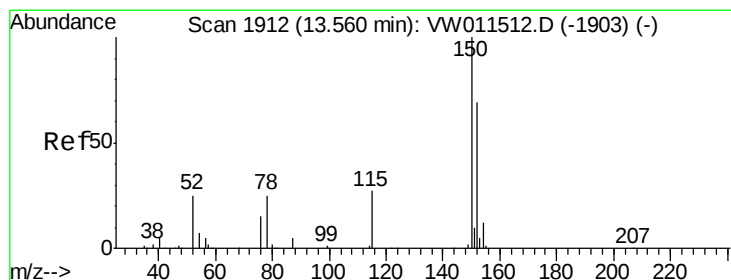
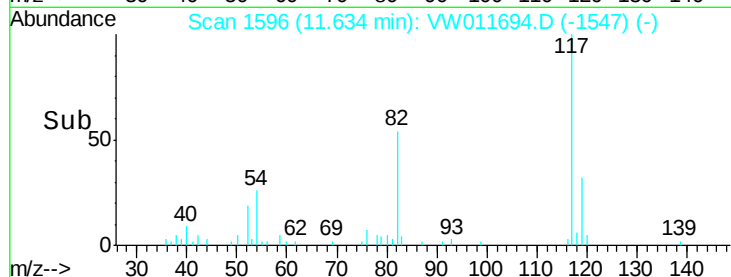
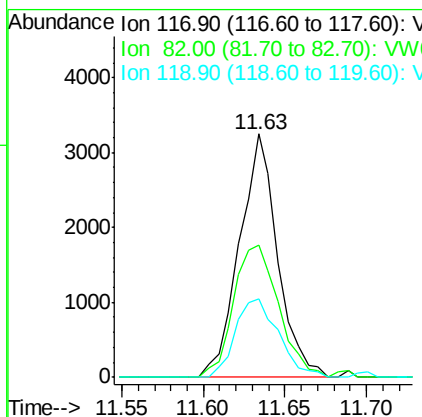
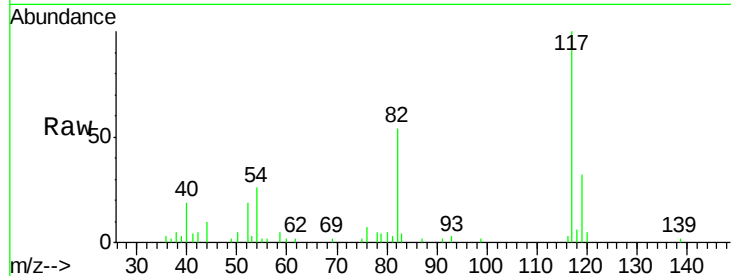




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011694.D
Acq: 04 Aug 2019 05:34

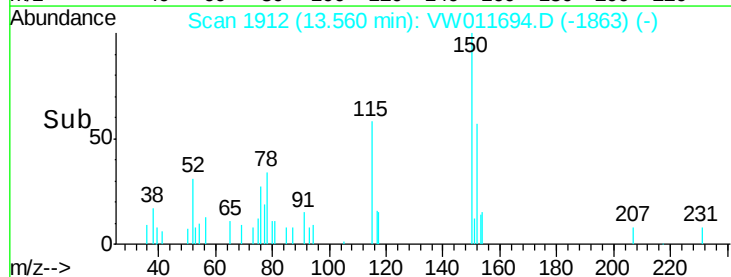
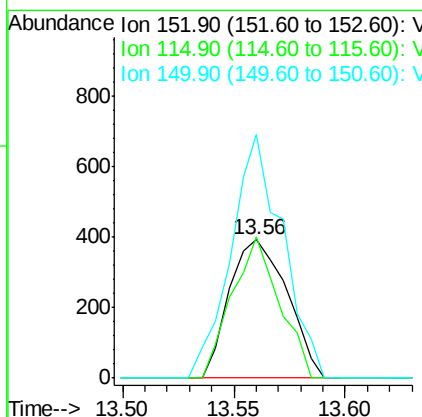
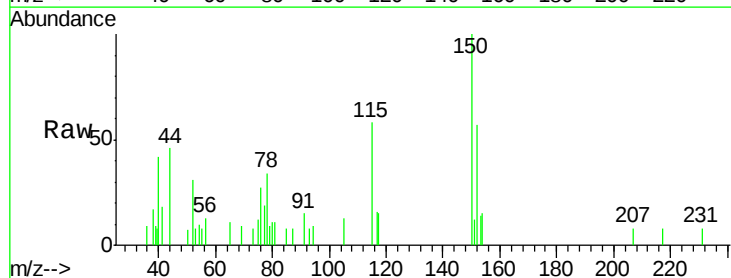
Instrument :
MSVOA_W
ClientSampleId :
RT-4221

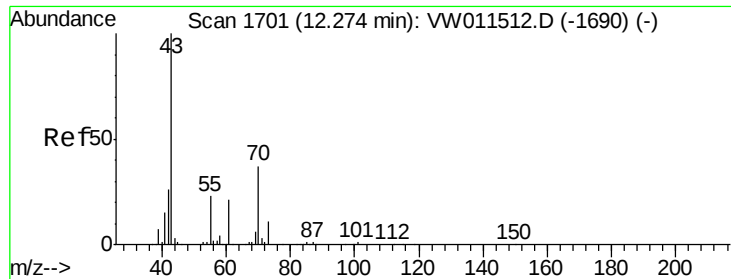
Tot Ion:117 Resp: 5304
Ion Ratio Lower Upper
117 100
82 54.2 47.9 71.9
119 32.3 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011694.D
Acq: 04 Aug 2019 05:34

Tgt Ion:152 Resp: 706
Ion Ratio Lower Upper
152 100
115 83.4 30.5 91.5
150 158.4 0.0 352.6





#74

N-amvl acetate

Concen: 9.157 ug/l

RT: 12.24 min Scan# 1695

Delta R.T. -0.04 min

Lab File: VW011694.D

Acq: 04 Aug 2019 05:34

Instrument :

MSVOA_W

ClientSampleId :

RT-4221

Tot Ion: 43 Resp: 151

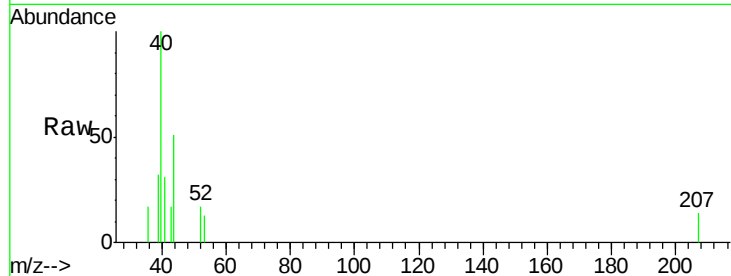
Ion Ratio Lower Upper

43 100

70 0.0 28.6 43.0#

55 42.4 17.8 26.8#

61 15.2 17.0 25.6#

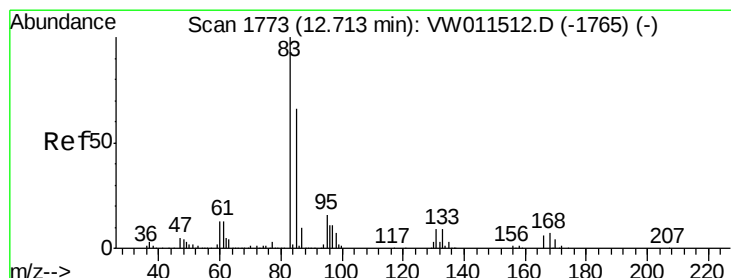
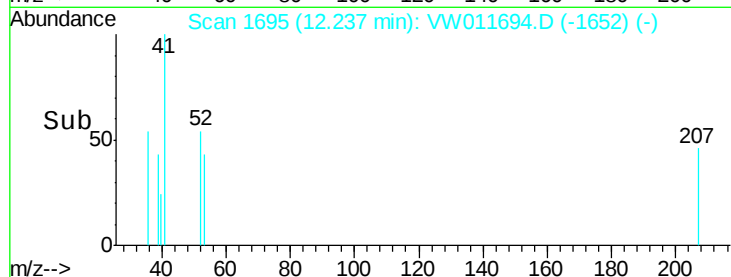
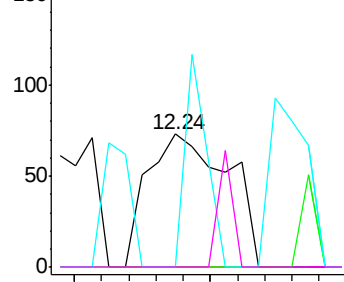


Abundance Ion 43.00 (42.70 to 43.70): VW

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



#75

1,1,2,2-Tetrachloroethane

Concen: 2.624 ug/l

RT: 12.79 min Scan# 1785

Delta R.T. 0.07 min

Lab File: VW011694.D

Acq: 04 Aug 2019 05:34

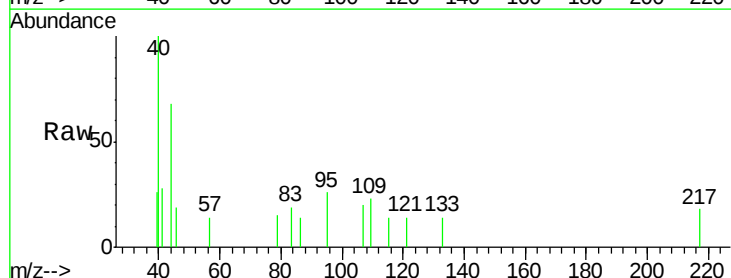
Tgt Ion: 83 Resp: 26

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.6#

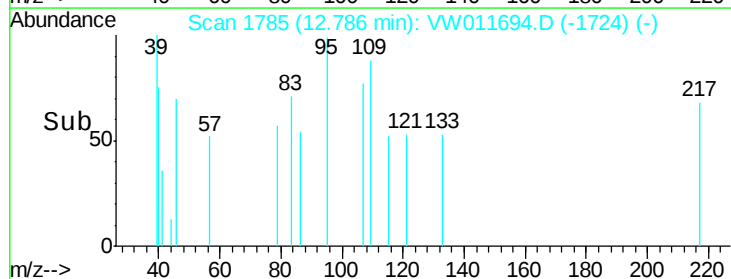
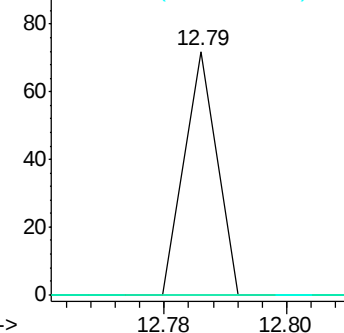
85 0.0 31.8 95.4#

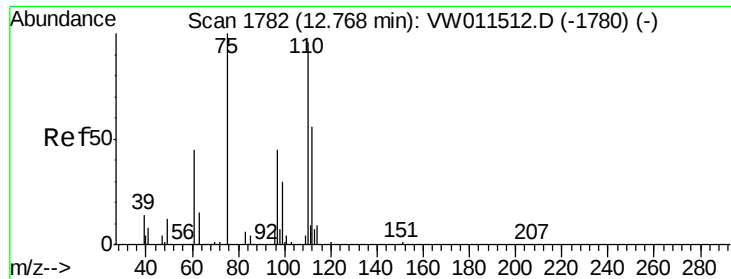


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 104.414 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW011694.D

Acq: 04 Aug 2019 05:34

Instrument :

MSVOA_W

ClientSampleId :

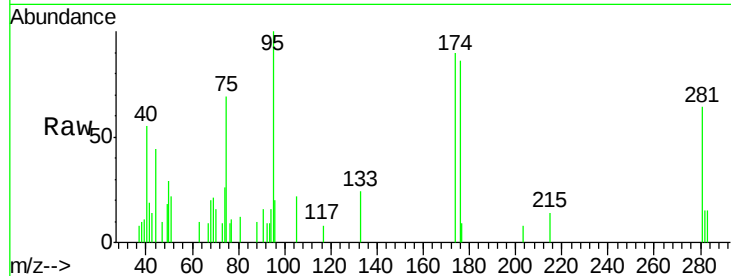
RT-4221

Tot Ion: 75 Resp: 780

Ion Ratio Lower Upper

75 100

77 15.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.62

400

300

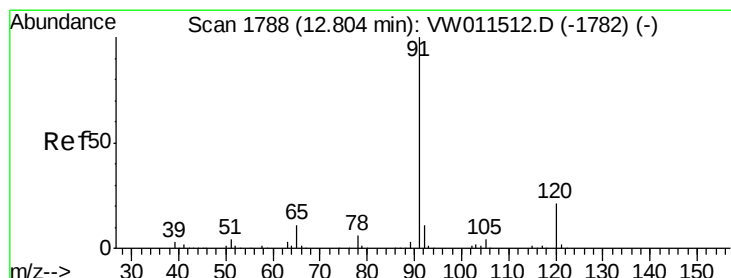
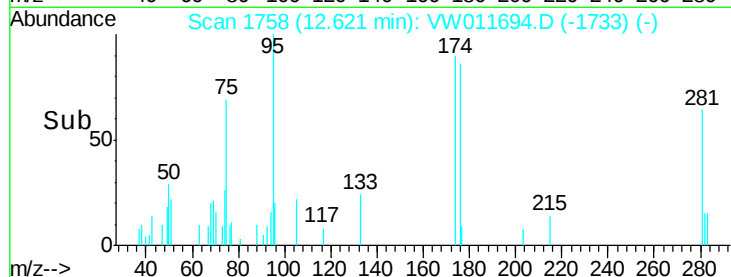
200

100

0

12.55 12.60 12.65

Time-->



#78

n-propylbenzene

Concen: 2.434 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011694.D

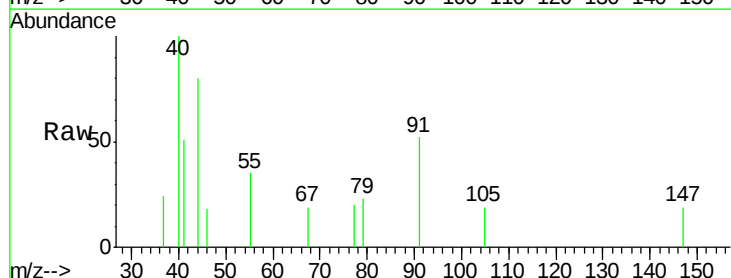
Acq: 04 Aug 2019 05:34

Tgt Ion: 91 Resp: 156

Ion Ratio Lower Upper

91 100

120 12.8 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

12.80

150

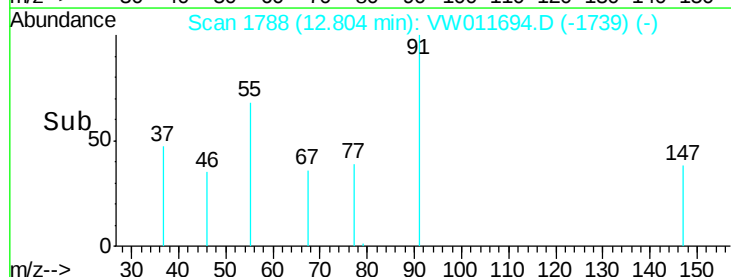
100

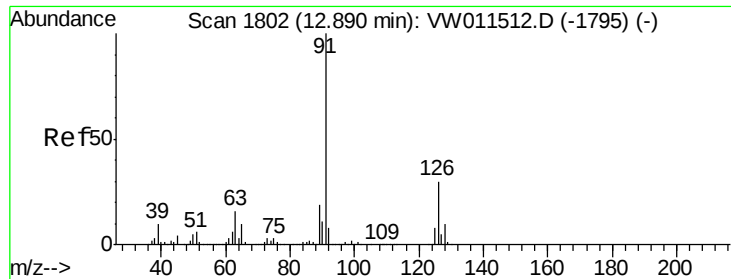
50

0

12.78 12.80 12.82

Time-->

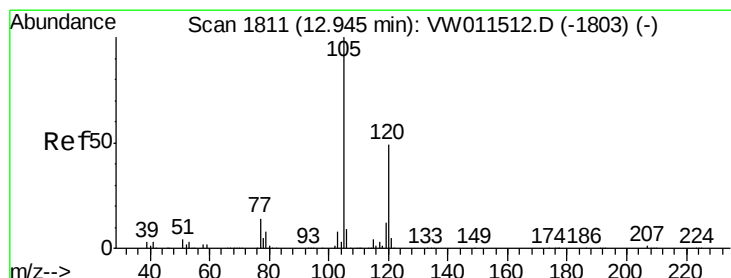
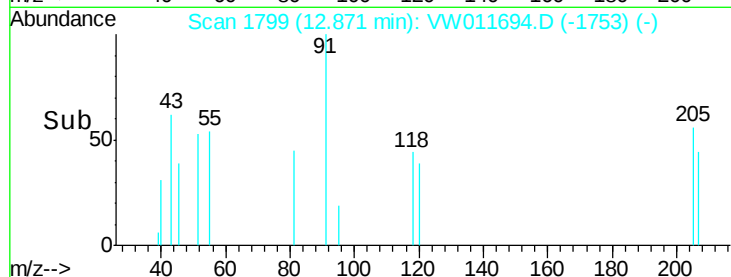
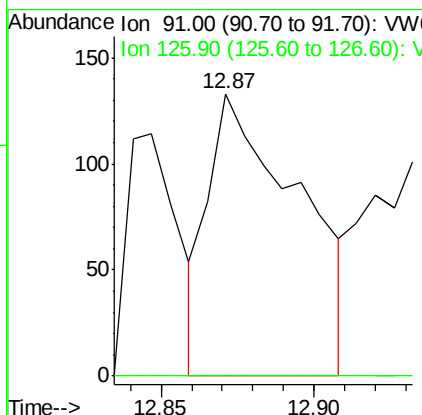
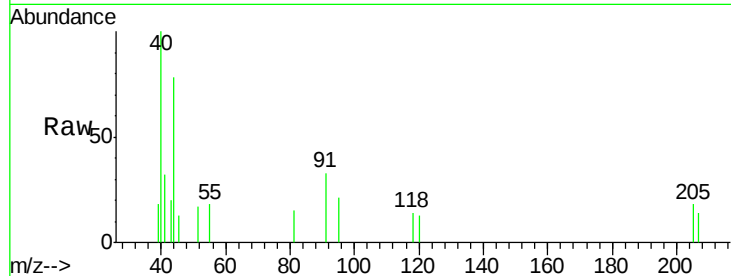




#79
 2-Chlorotoluene
 Concen: 7.393 ug/l
 RT: 12.87 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: VW011694.D
 Acq: 04 Aug 2019 05:34

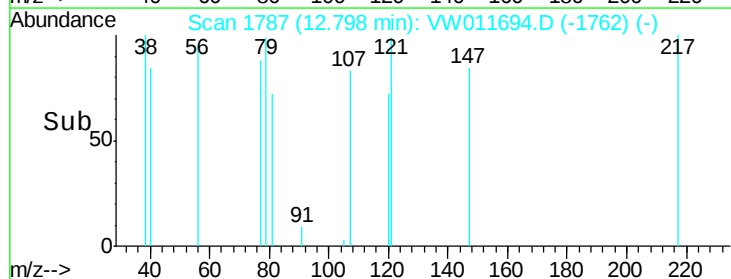
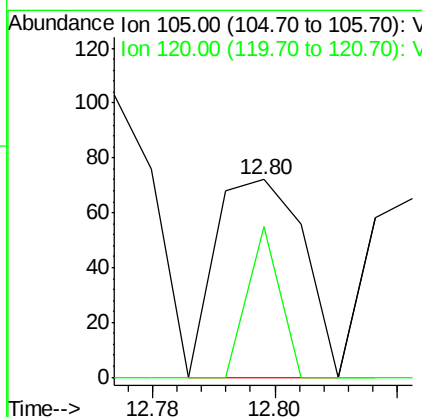
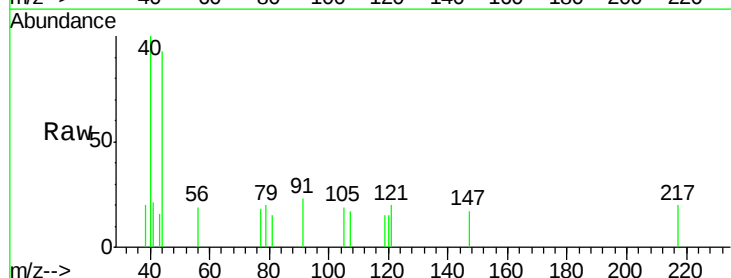
Instrument :
 MSVOA_W
 ClientSampleID :
 RT-4221

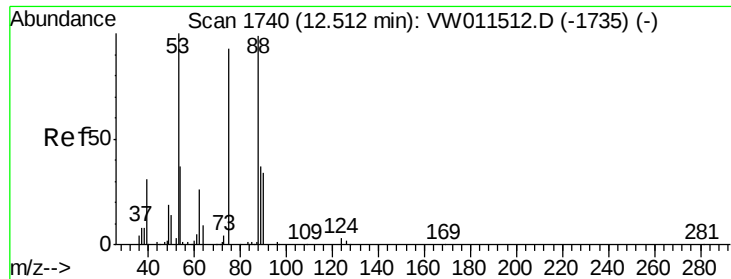
Tot Ion: 91 Resp: 273
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.7 47.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 1.631 ug/l
 RT: 12.80 min Scan# 1787
 Delta R.T. -0.15 min
 Lab File: VW011694.D
 Acq: 04 Aug 2019 05:34

Tgt Ion: 105 Resp: 72
 Ion Ratio Lower Upper
 105 100
 120 27.8 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 240.637 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW011694.D

Acq: 04 Aug 2019 05:34

Instrument :

MSVOA_W

ClientSampled :

RT-4221

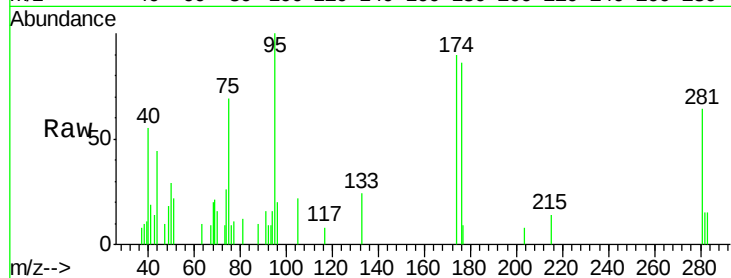
Tot Ion: 75 Resp: 780

Ion Ratio Lower Upper

75 100

53 3.3 88.0 132.0#

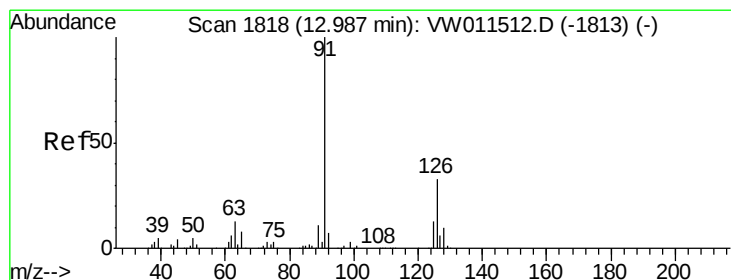
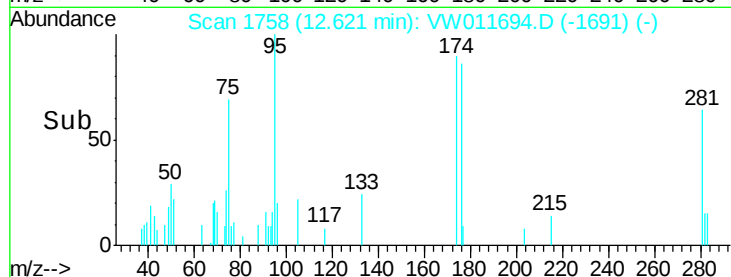
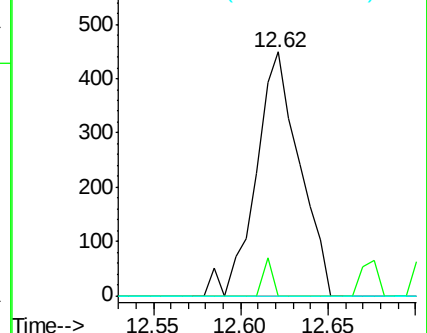
89 0.0 35.3 52.9#



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: 6.788 ug/l

RT: 13.01 min Scan# 1821

Delta R.T. 0.02 min

Lab File: VW011694.D

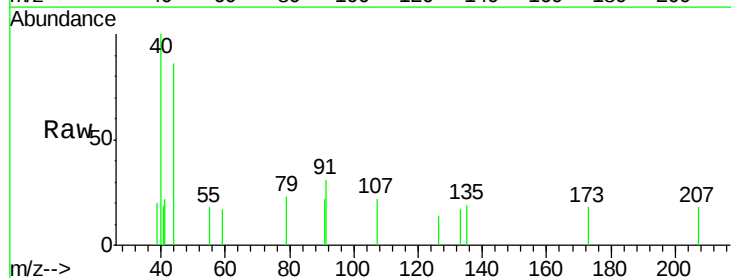
Acq: 04 Aug 2019 05:34

Tgt Ion: 91 Resp: 263

Ion Ratio Lower Upper

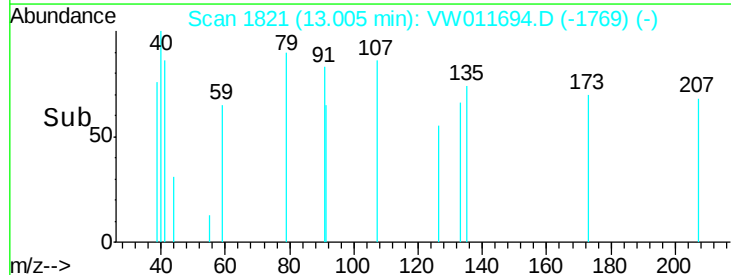
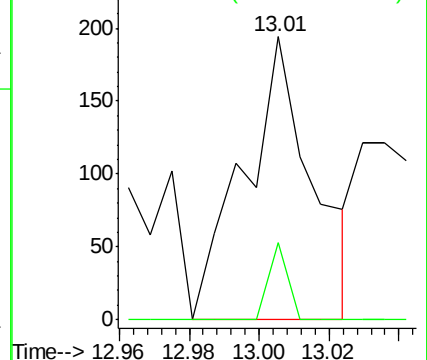
91 100

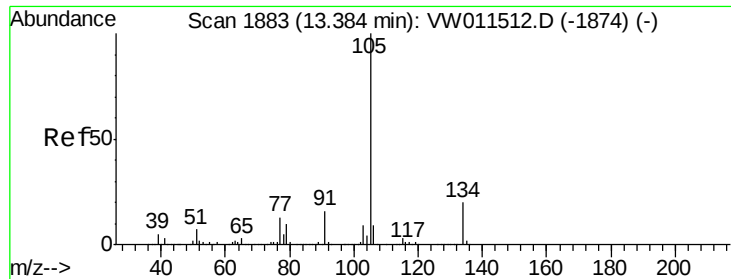
126 7.2 15.6 46.8#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#85

sec-Butylbenzene

Concen: 1.651 ug/l

RT: 13.30 min Scan# 1869

Delta R.T. -0.09 min

Lab File: VW011694.D

Acq: 04 Aug 2019 05:34

Instrument :

MSVOA_W

ClientSampled :

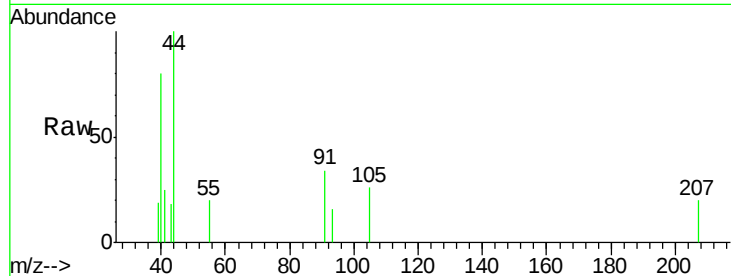
RT-4221

Tot Ion:105 Resp: 87

Ion Ratio Lower Upper

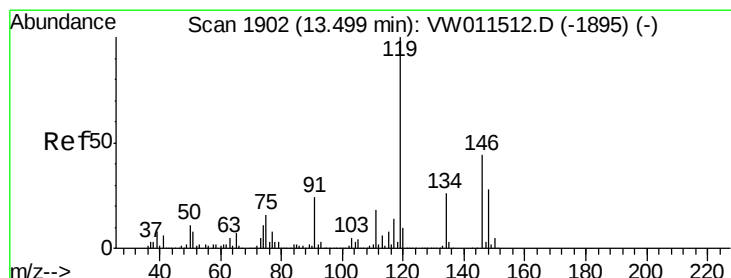
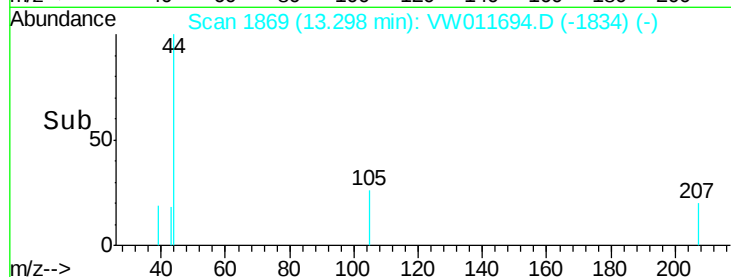
105 100

134 25.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.280 ug/l

RT: 13.48 min Scan# 1899

Delta R.T. -0.02 min

Lab File: VW011694.D

Acq: 04 Aug 2019 05:34

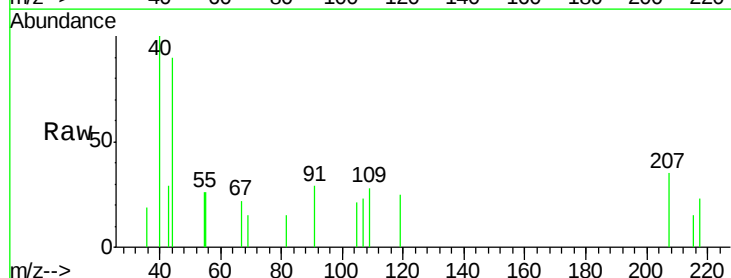
Tgt Ion:119 Resp: 109

Ion Ratio Lower Upper

119 100

134 0.0 12.8 38.4#

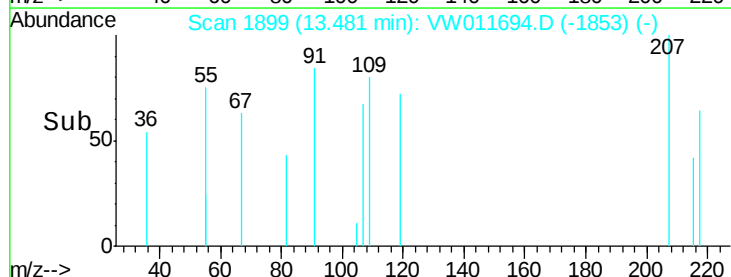
91 320.2 12.1 36.3#

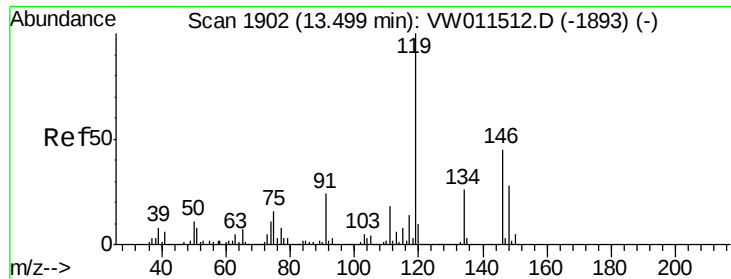


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

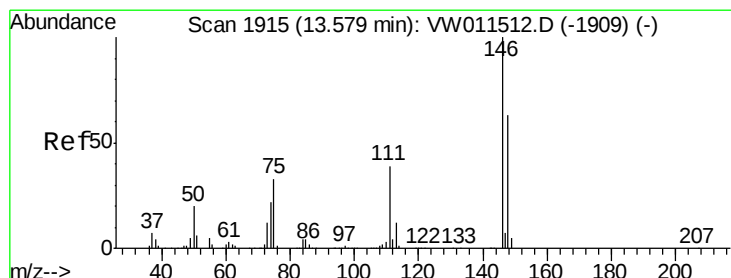
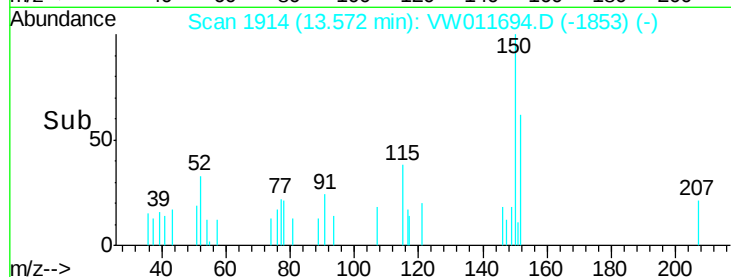
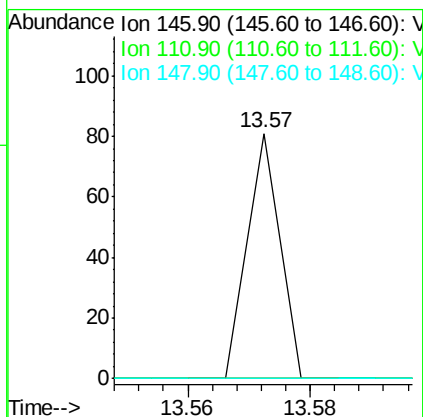
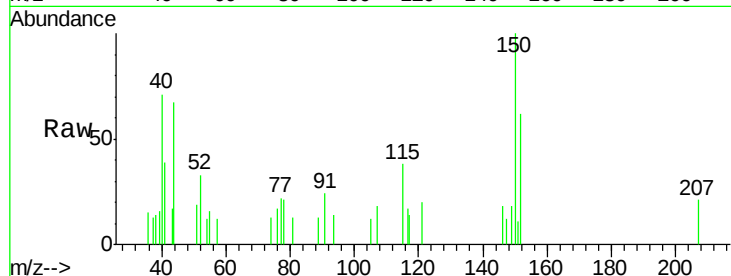




#87
 1,3-Dichlorobenzene
 Concen: 1.314 ug/l
 RT: 13.57 min Scan# 1914
 Delta R.T. 0.07 min
 Lab File: VW011694.D
 Acq: 04 Aug 2019 05:34

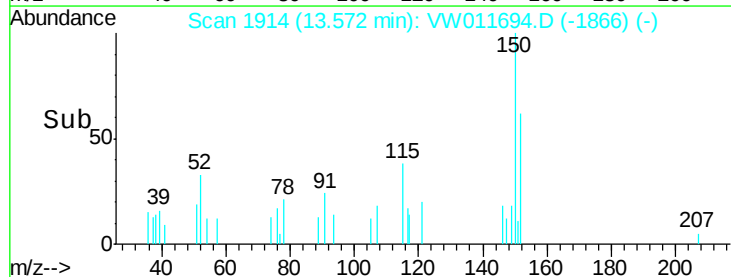
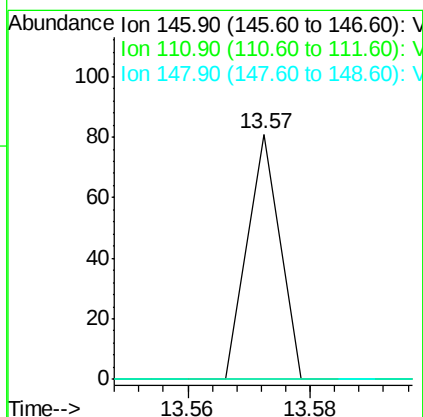
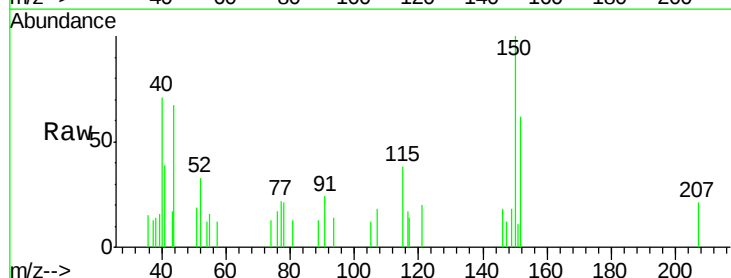
Instrument :
 MSVOA_W
 ClientSampleId :
 RT-4221

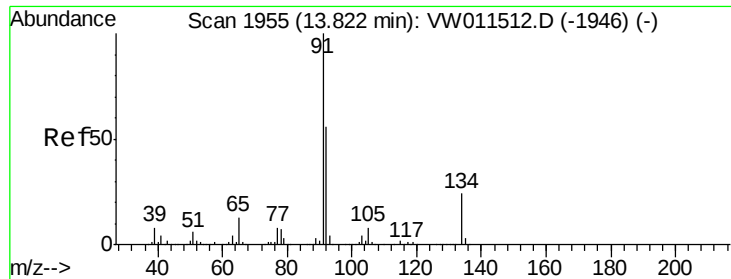
Tot Ion:146 Resp: 30
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.5 61.6#
 148 0.0 31.8 95.3#



#88
 1,4-Dichlorobenzene
 Concen: 1.321 ug/l
 RT: 13.57 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: VW011694.D
 Acq: 04 Aug 2019 05:34

Tgt Ion:146 Resp: 30
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.1 60.2#
 148 0.0 31.9 95.9#





#89

n-Butylbenzene

Concen: 7.170 ug/l

RT: 13.86 min Scan# 1962

Delta R.T. 0.04 min

Lab File: VW011694.D

Acq: 04 Aug 2019 05:34

Instrument :

MSVOA_W

ClientSampled :

RT-4221

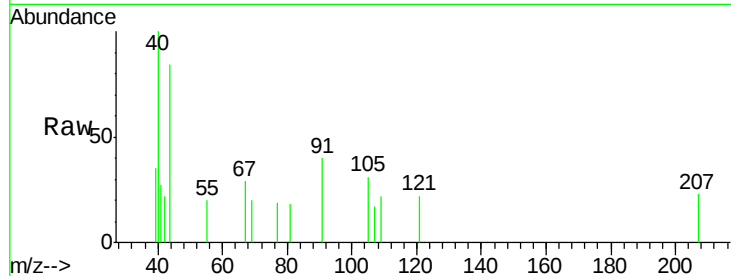
Tot Ion: 91 Resp: 342

Ion Ratio Lower Upper

91 100

92 0.0 27.5 82.4#

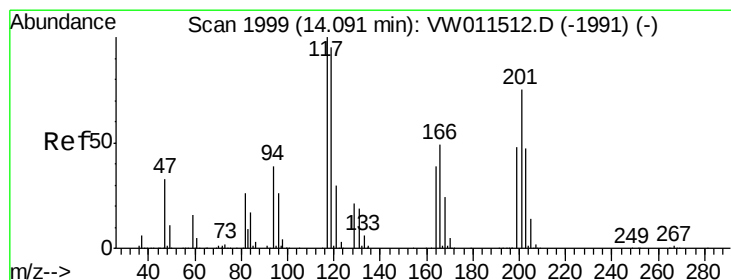
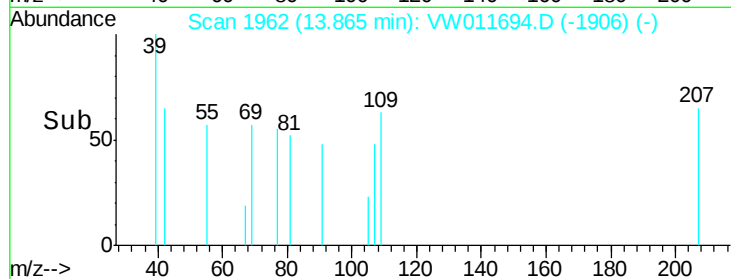
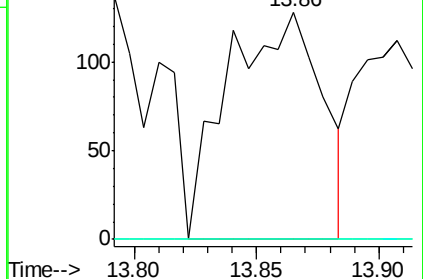
134 0.0 12.2 36.6#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 2.130 ug/l

RT: 14.13 min Scan# 2005

Delta R.T. 0.04 min

Lab File: VW011694.D

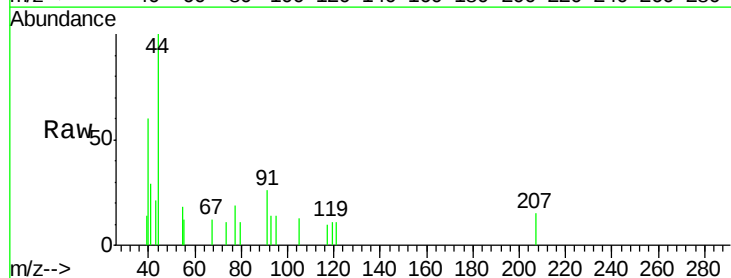
Acq: 04 Aug 2019 05:34

Tgt Ion: 117 Resp: 18

Ion Ratio Lower Upper

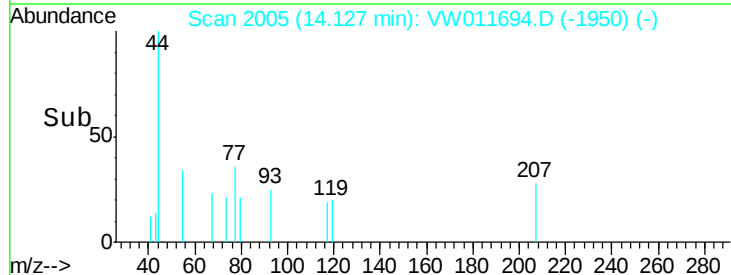
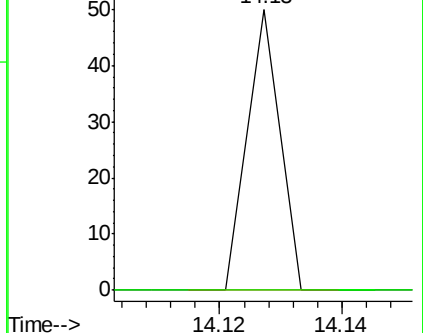
117 100

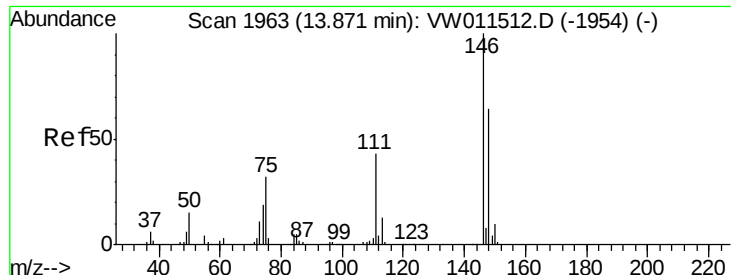
201 0.0 39.4 118.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 1.238 ug/l

RT: 13.72 min Scan# 1938

Delta R.T. -0.15 min

Lab File: VW011694.D

Acq: 04 Aug 2019 05:34

Instrument :

MSVOA_W

ClientSampled :

RT-4221

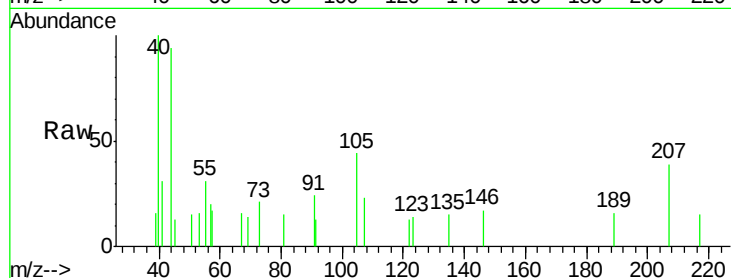
Tot Ion:146 Resp: 25

Ion Ratio Lower Upper

146 100

111 0.0 21.6 65.0#

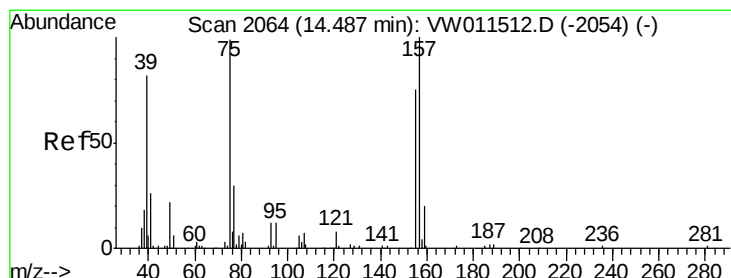
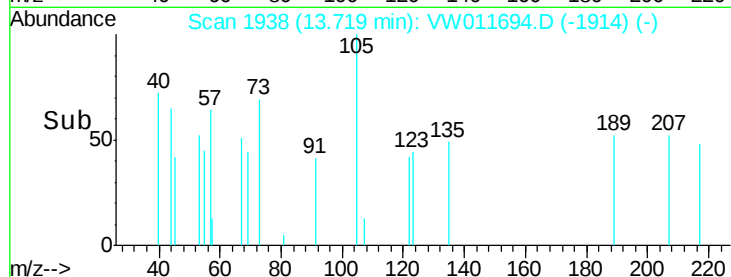
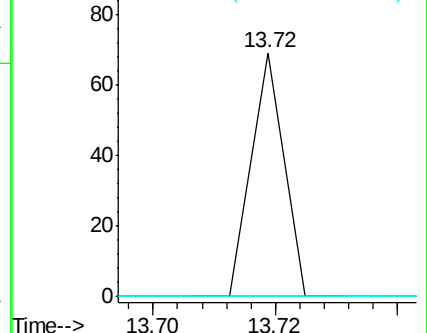
148 0.0 32.0 96.2#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 11.838 ug/l

RT: 14.59 min Scan# 2081

Delta R.T. 0.10 min

Lab File: VW011694.D

Acq: 04 Aug 2019 05:34

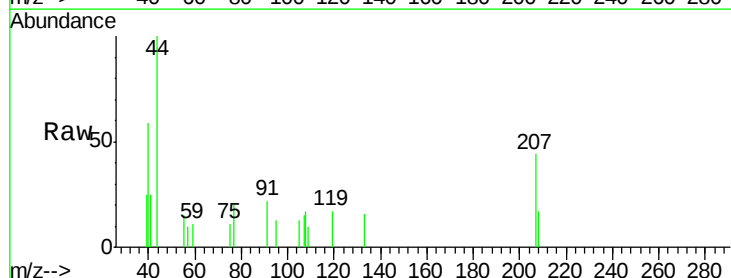
Tgt Ion: 75 Resp: 20

Ion Ratio Lower Upper

75 100

155 0.0 38.2 114.6#

157 0.0 48.9 146.7#



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

