

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW013026.D
 Acq On : 15 Sep 2019 07:01
 Operator : SY/VA
 Sample : K4857-01
 Misc : 5.67G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 16 07:00:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	294144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	452951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	392394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	147301	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	159260	58.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.24%	
35) Dibromofluoromethane	7.88	113	131488	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
50) Toluene-d8	10.32	98	565198	58.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.54%	
62) 4-Bromofluorobenzene	12.62	95	188074	54.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.76%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	154	Below Cal	# 71
3) Chloromethane	2.21	50	165	Below Cal	# 76
8) Diethyl Ether	3.67	74	2984	2.596	ug/l 98
11) Tert butyl alcohol	5.10	59	5302	8.195	ug/l # 72
13) Acrolein	3.93	56	20	Below Cal	# 15
16) Acetone	4.13	43	84169	133.691	ug/l 97
17) Carbon Disulfide	4.37	76	27601	6.822	ug/l 96
18) Methyl Acetate	4.68	43	8894	5.746	ug/l 100
20) Methylene Chloride	4.90	84	29041	8.977	ug/l 92
25) 2-Butanone	7.18	43	18030	20.872	ug/l 96
26) 2,2-Dichloropropane	7.12	77	246	Below Cal	93
29) Tetrahydrofuran	7.54	42	4016	8.159	ug/l 95
31) Cyclohexane	7.94	56	7420	Below Cal	# 8
36) 1,1-Dichloropropene	7.94	75	22596	6.243	ug/l # 50
37) Ethyl Acetate	7.18	43	18030	9.385	ug/l # 72
38) Carbon Tetrachloride	7.95	117	27716	7.472	ug/l # 15
39) Methylcyclohexane	9.29	83	14181	3.575	ug/l # 42
41) Methacrylonitrile	7.54	41	2752	2.175	ug/l # 50
43) Isopropyl Acetate	8.42	43	4853	1.316	ug/l # 53
49) 1,4-Dioxane	9.26	88	22	1.021	ug/l # 20
51) 4-Methyl-2-Pentanone	10.21	43	1943	1.020	ug/l # 62
52) Toluene	10.38	92	8751	1.363	ug/l 98
55) 1,1,2-Trichloroethane	10.76	97	53003	27.051	ug/l # 21
56) Ethyl methacrylate	10.62	69	24899	9.441	ug/l # 84
59) 2-Hexanone	10.94	43	13641	10.287	ug/l # 35
74) N-amyl acetate	12.23	43	37414	14.897	ug/l # 1
75) 1,1,2,2-Tetrachloroethane	12.68	83	17602	10.265	ug/l # 83
76) 1,2,3-Trichloropropane	12.62	75	87310	67.670	ug/l # 100
81) trans-1,4-Dichloro-2-buten	12.62	75	87310	153.507	ug/l # 12
85) sec-Butylbenzene	13.38	105	14065	1.397	ug/l # 54
86) p-Isopropyltoluene	13.49	119	11530	1.248	ug/l 92
95) Naphthalene	15.36	128	22372	4.795	ug/l # 88

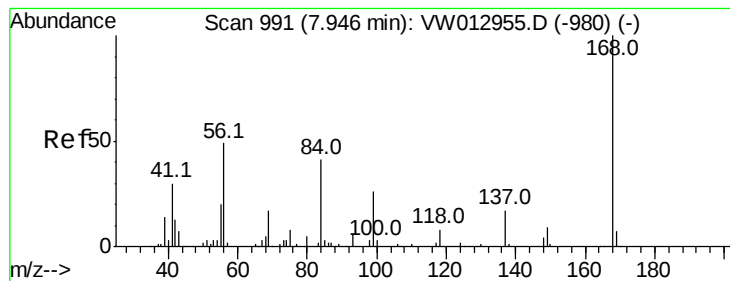
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
Data File : VW013026.D
Acq On : 15 Sep 2019 07:01
Operator : SY/VA
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response 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: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW013026.D

Acq: 15 Sep 2019 07:01

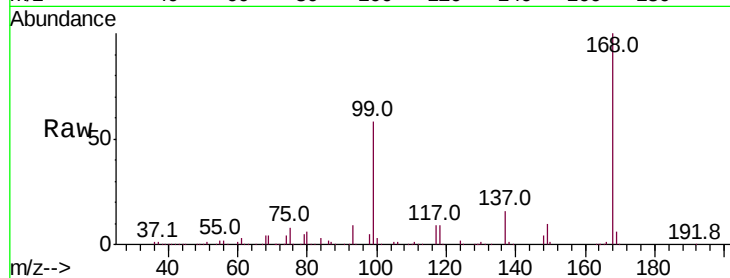
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 294144

Ion Ratio Lower Upper

168 100

99 57.6 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

150000

100000

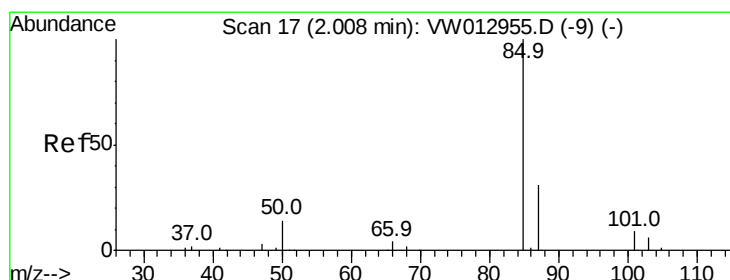
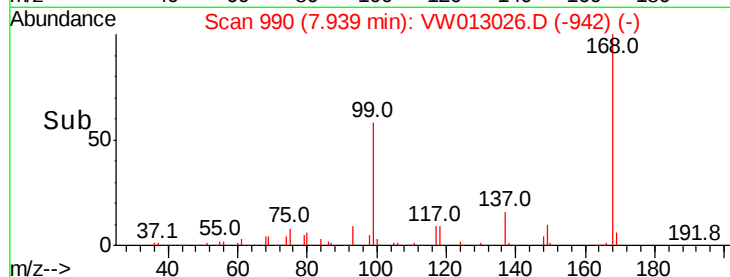
50000

0

Time-->

7.90

8.00



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW013026.D

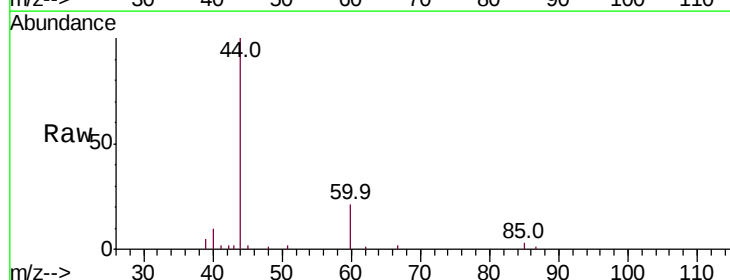
Acq: 15 Sep 2019 07:01

Tgt Ion: 85 Resp: 154

Ion Ratio Lower Upper

85 100

87 46.9 15.4 46.4#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

150

100

50

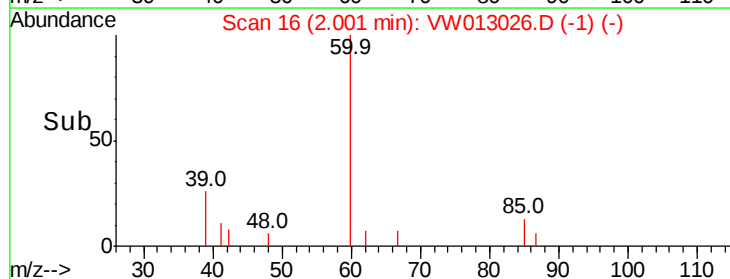
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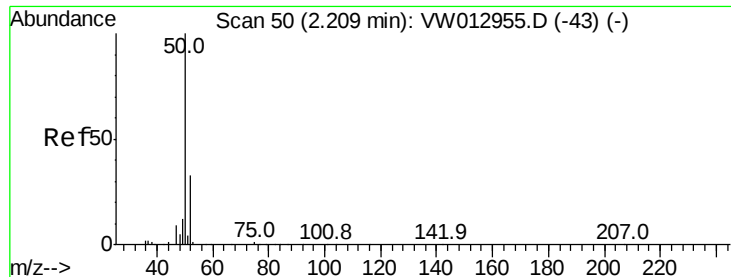
Time-->

1.98

2.00

2.02





#3

Chloromethane

Concen: Below Cal

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013026.D

Acq: 15 Sep 2019 07:01

Instrument :

MSVOA_W

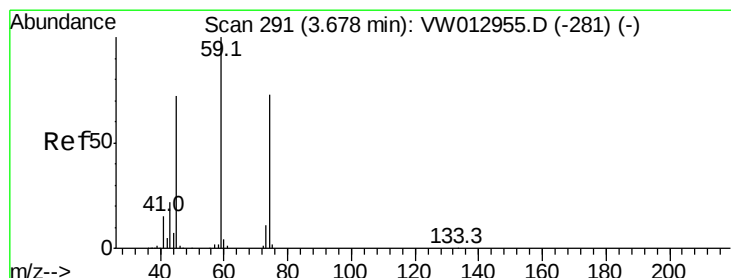
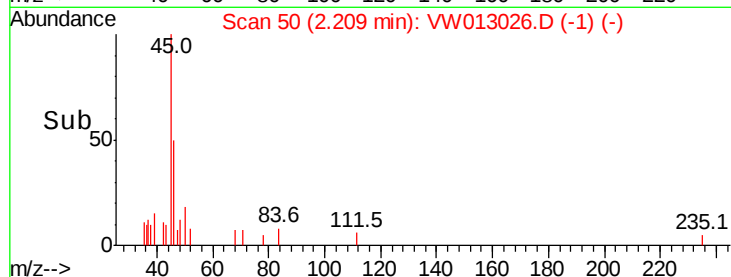
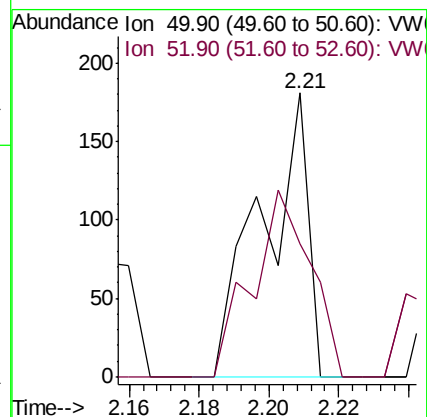
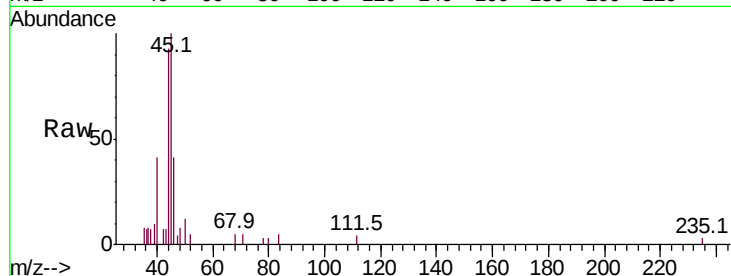
ClientSampleId :

Tot Ion: 50 Resp: 165

Ion Ratio Lower Upper

50 100

52 47.0 26.6 39.8#



#8

Diethyl Ether

Concen: 2.596 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW013026.D

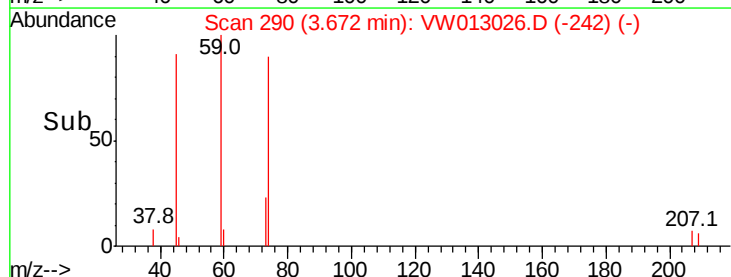
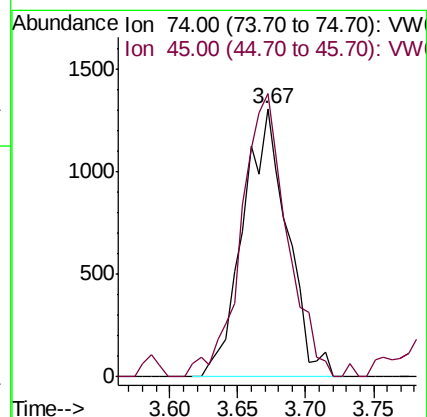
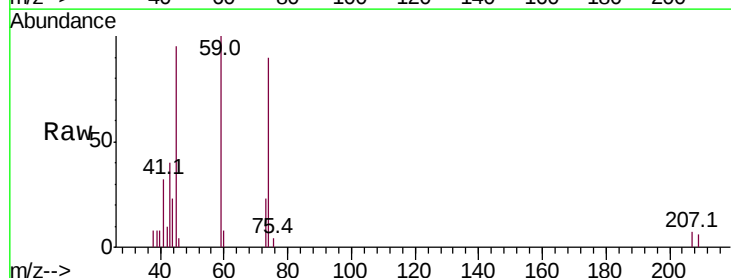
Acq: 15 Sep 2019 07:01

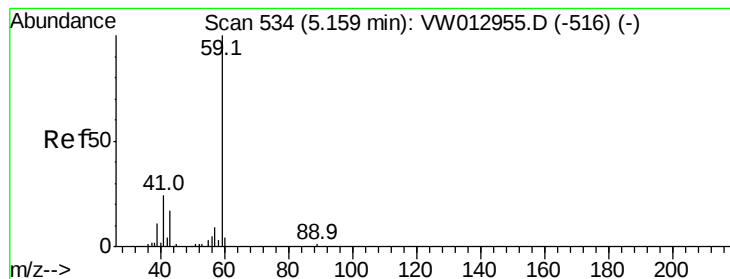
Tgt Ion: 74 Resp: 2984

Ion Ratio Lower Upper

74 100

45 109.2 53.8 161.4



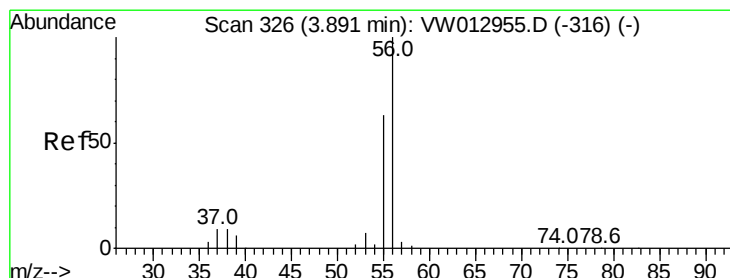
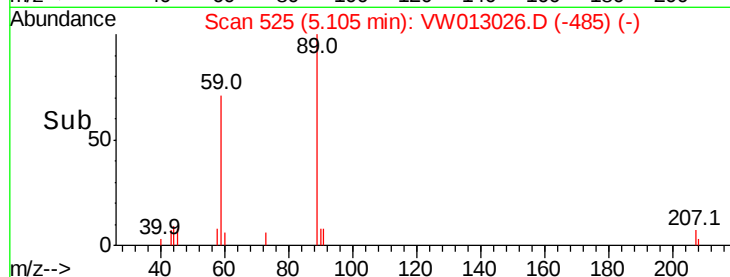
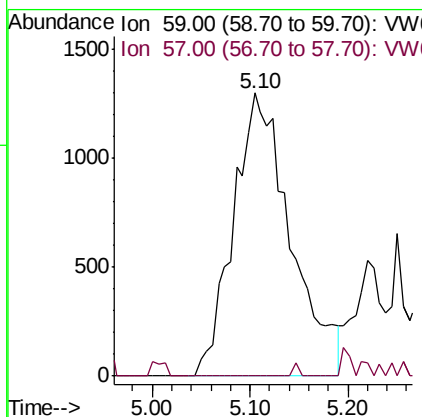
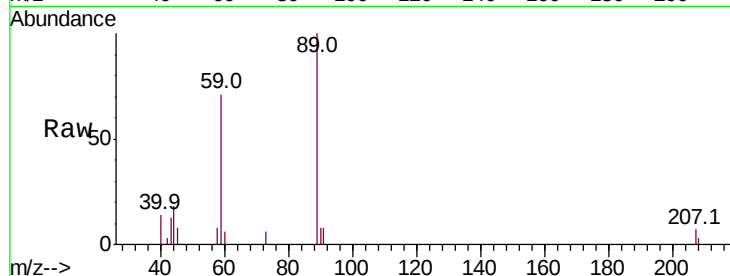


#11

Tert butyl alcohol
Concen: 8.195 ug/l
RT: 5.10 min Scan# 525
Delta R.T. -0.05 min
Lab File: VW013026.D
Acq: 15 Sep 2019 07:01

Instrument :
MSVOA_W
ClientSampled :

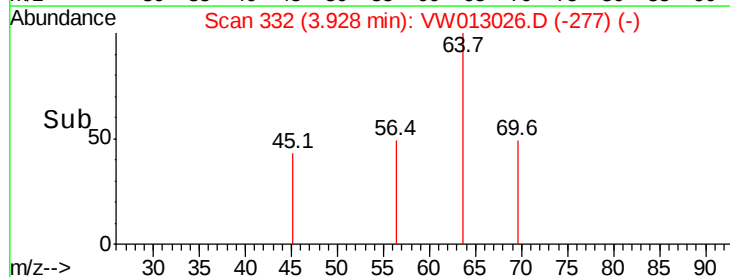
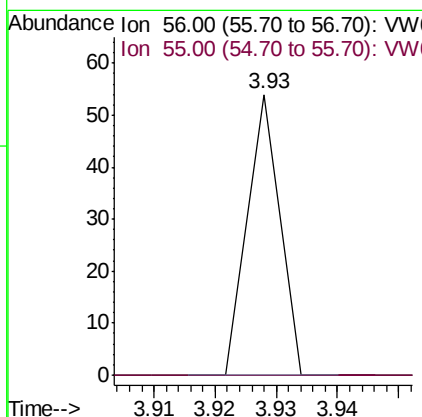
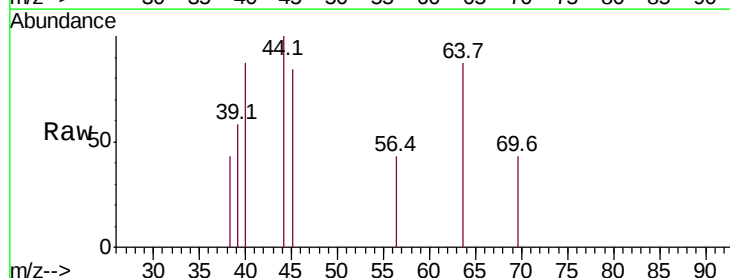
Tot Ion: 59 Resp: 5302
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

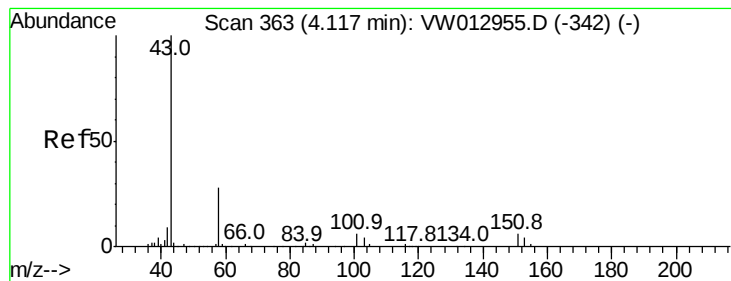


#13

Acrolein
Concen: Below Cal
RT: 3.93 min Scan# 332
Delta R.T. 0.04 min
Lab File: VW013026.D
Acq: 15 Sep 2019 07:01

Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#





#16

Acetone

Concen: 133.691 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013026.D

Acq: 15 Sep 2019 07:01

Instrument :

MSVOA_W

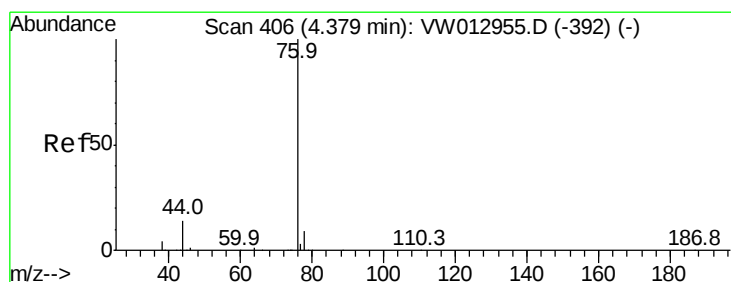
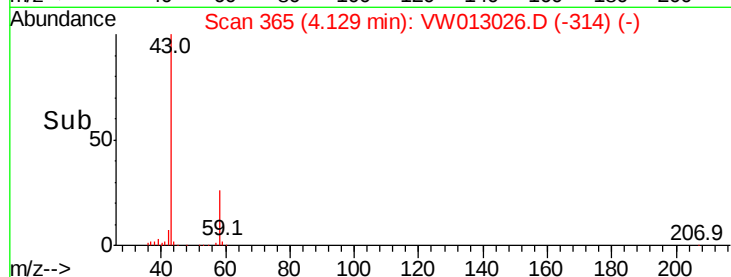
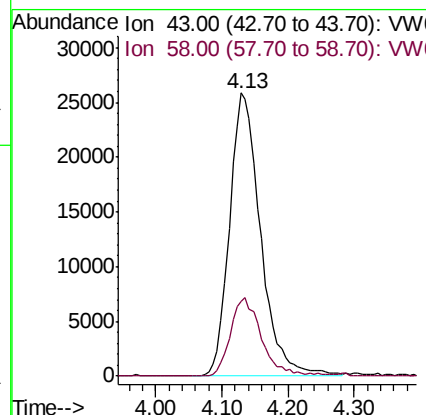
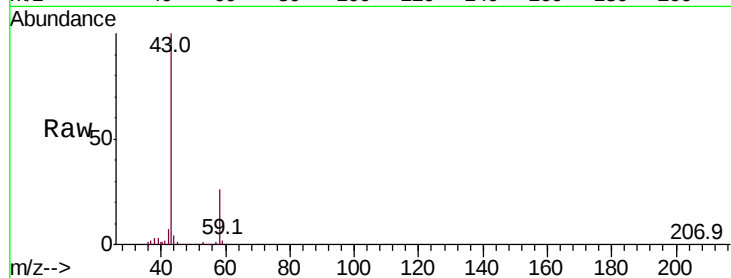
ClientSampleId :

Tot Ion: 43 Resp: 84169

Ion Ratio Lower Upper

43 100

58 26.3 22.3 33.5



#17

Carbon Disulfide

Concen: 6.822 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW013026.D

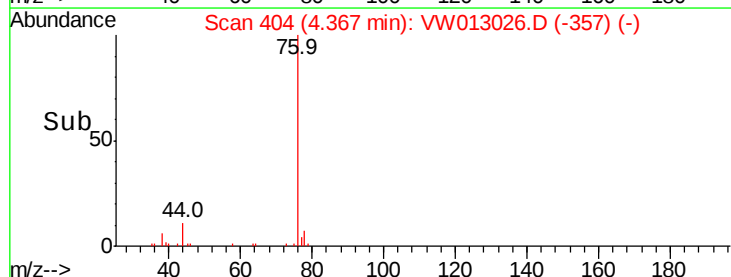
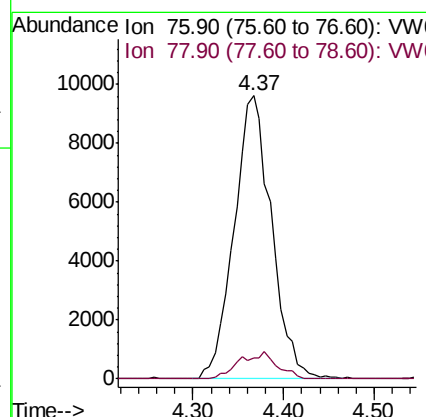
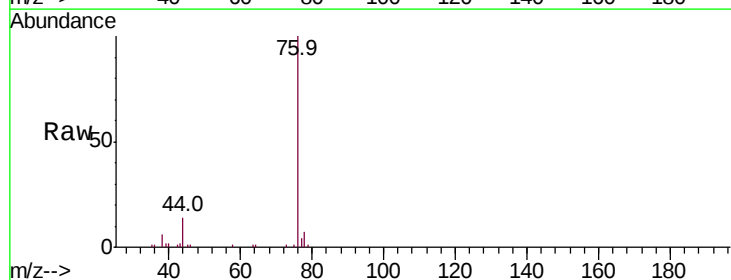
Acq: 15 Sep 2019 07:01

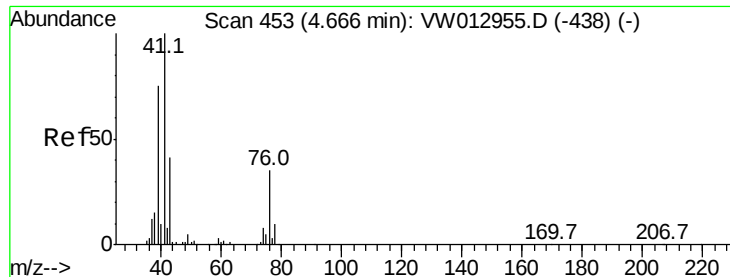
Tgt Ion: 76 Resp: 27601

Ion Ratio Lower Upper

76 100

78 7.4 7.0 10.4

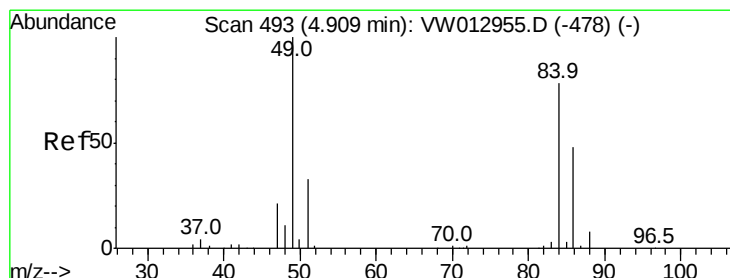
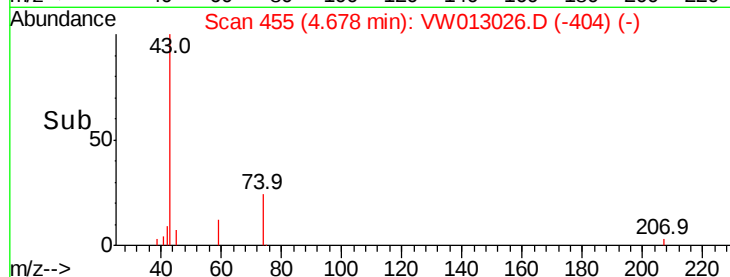
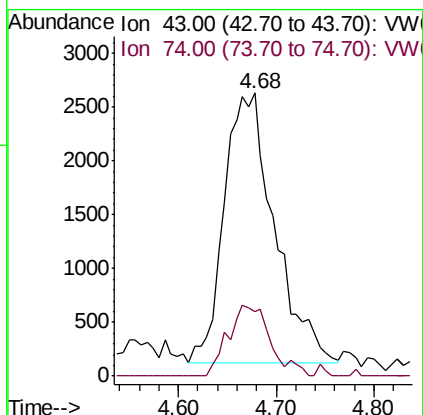
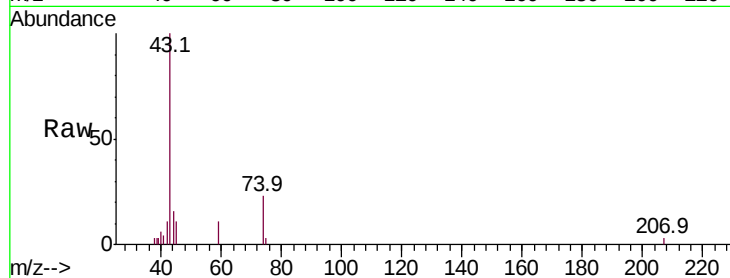




#18
Methyl Acetate
Concen: 5.746 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW013026.D
Acq: 15 Sep 2019 07:01

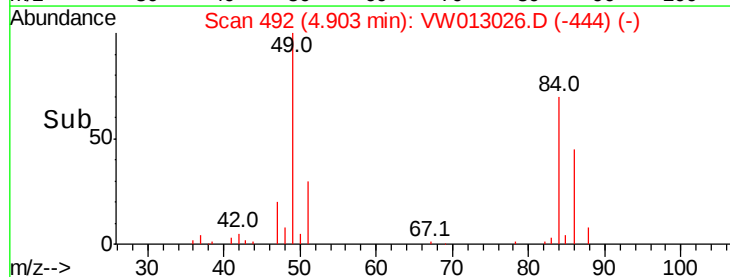
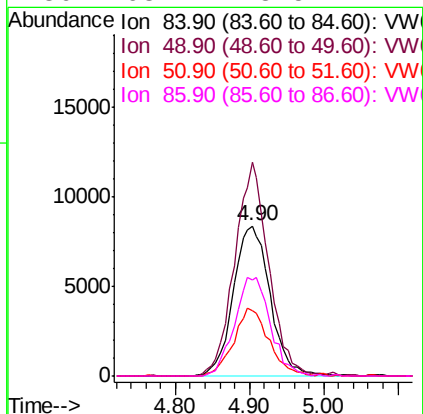
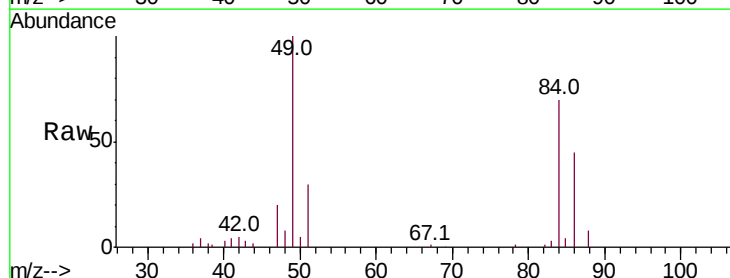
Instrument :
MSVOA_W
ClientSampled :

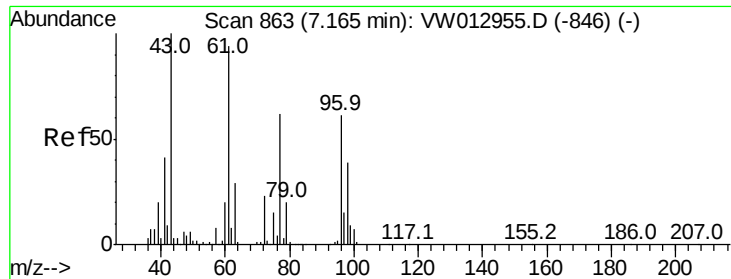
Tot Ion: 43 Resp: 8894
Ion Ratio Lower Upper
43 100
74 22.2 17.8 26.8



#20
Methylene Chloride
Concen: 8.977 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW013026.D
Acq: 15 Sep 2019 07:01

Tgt Ion: 84 Resp: 29041
Ion Ratio Lower Upper
84 100
49 142.0 102.0 153.0
51 43.2 34.0 51.0
86 63.4 48.5 72.7





#25

2-Butanone

Concen: 20.872 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.02 min

Lab File: VW013026.D

Acq: 15 Sep 2019 07:01

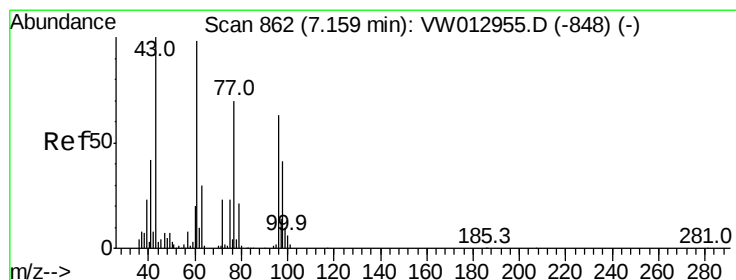
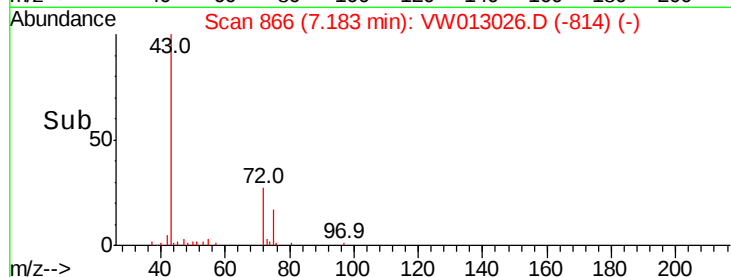
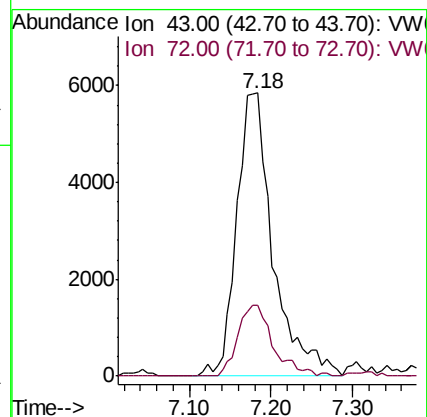
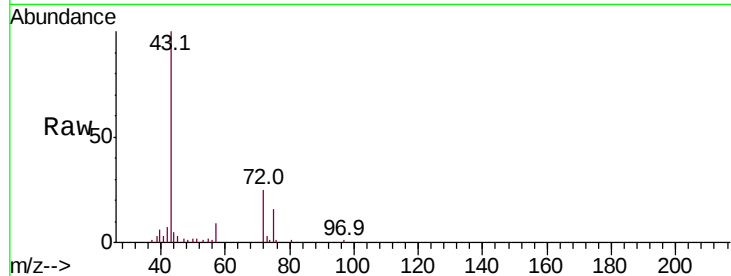
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 18030

Ion Ratio Lower Upper

43 100

72 24.9 18.2 27.4



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.12 min Scan# 856

Delta R.T. -0.04 min

Lab File: VW013026.D

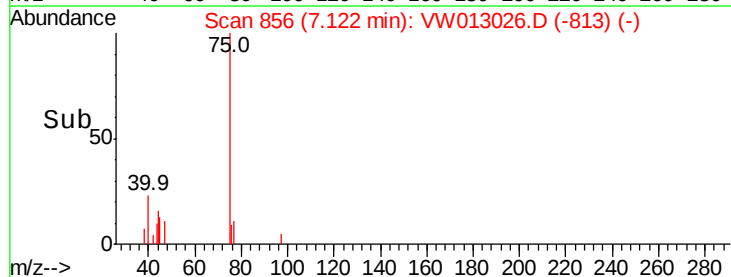
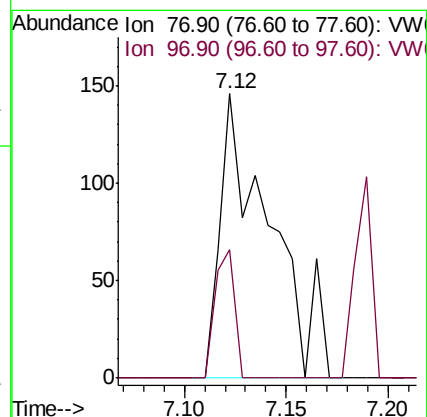
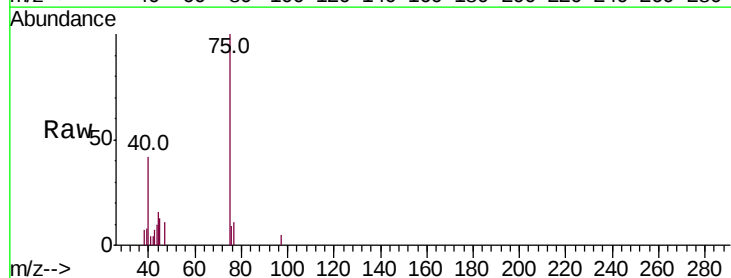
Acq: 15 Sep 2019 07:01

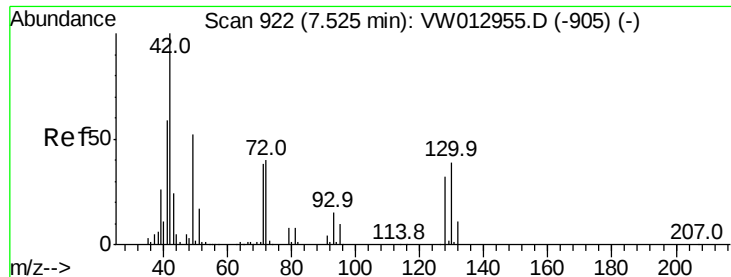
Tgt Ion: 77 Resp: 246

Ion Ratio Lower Upper

77 100

97 17.9 10.7 32.1

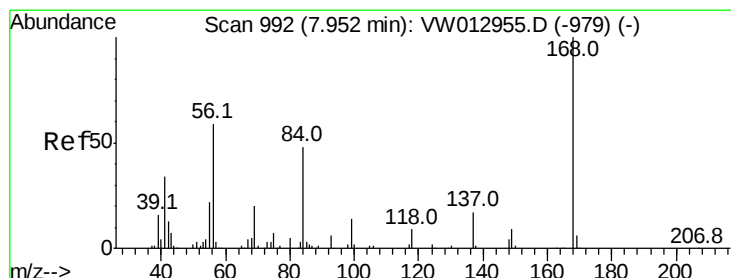
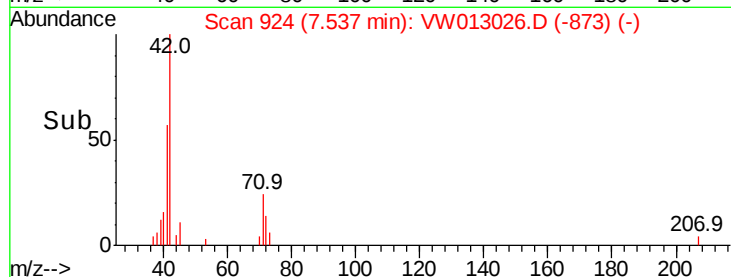
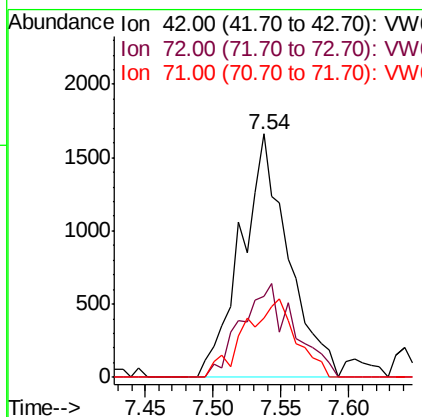
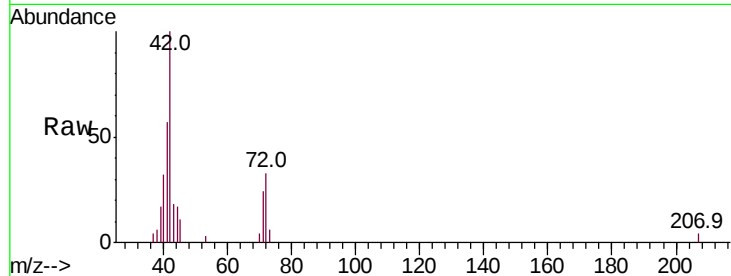




#29
Tetrahydrofuran
Concen: 8.159 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW013026.D
Acq: 15 Sep 2019 07:01

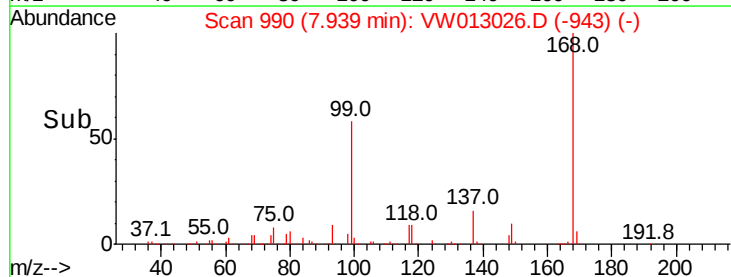
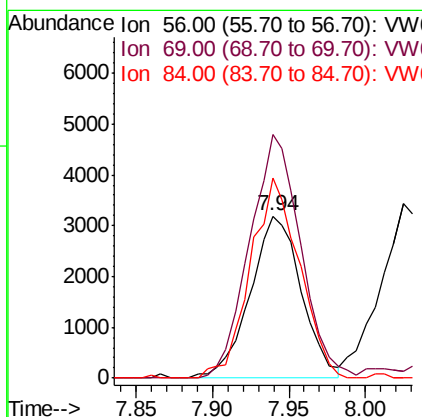
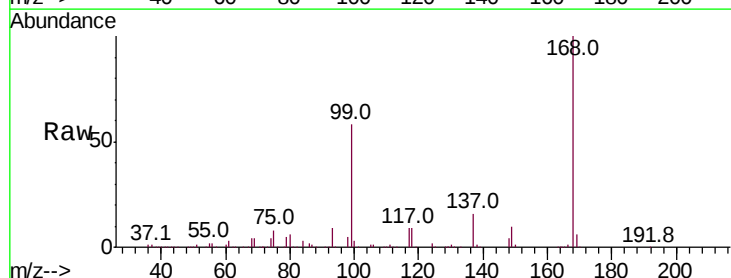
Instrument :
MSVOA_W
ClientSampleId :

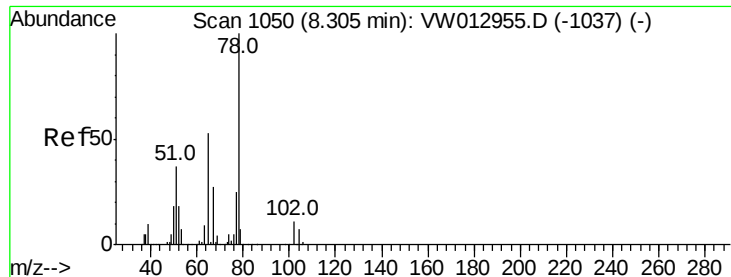
Tot Ion: 42 Resp: 4016
Ion Ratio Lower Upper
42 100
72 43.1 31.4 47.0
71 35.0 29.8 44.8



#31
Cyclohexane
Concen: Below Cal
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW013026.D
Acq: 15 Sep 2019 07:01

Tgt Ion: 56 Resp: 7420
Ion Ratio Lower Upper
56 100
69 150.5 27.0 40.6#
84 123.9 66.2 99.2#





#33

1,2-Dichloroethane-d4

Concen: 58.624 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013026.D

Acq: 15 Sep 2019 07:01

Instrument :

MSVOA_W

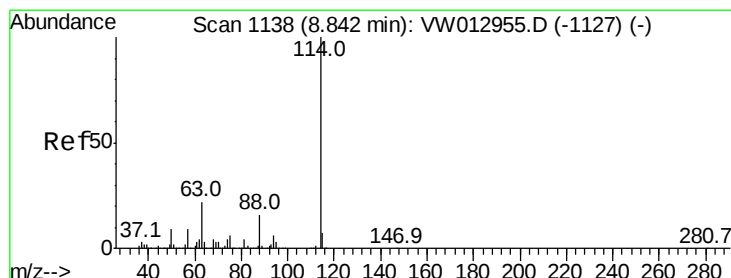
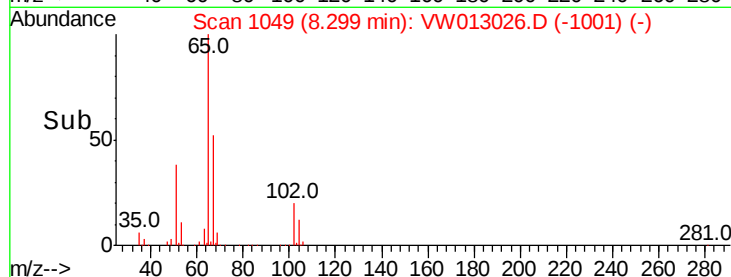
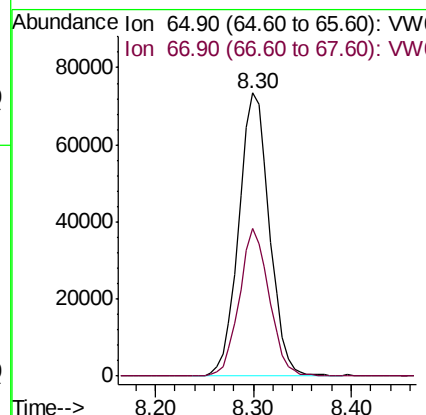
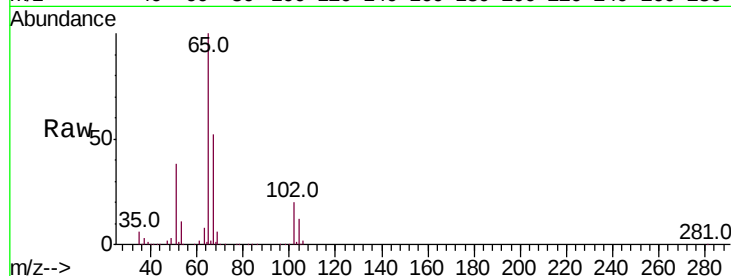
ClientSampleId :

Tot Ion: 65 Resp: 159260

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VW013026.D

Acq: 15 Sep 2019 07:01

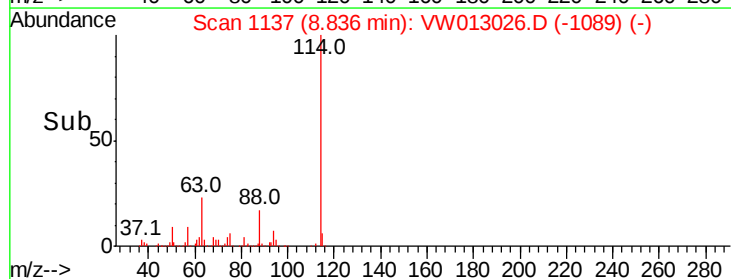
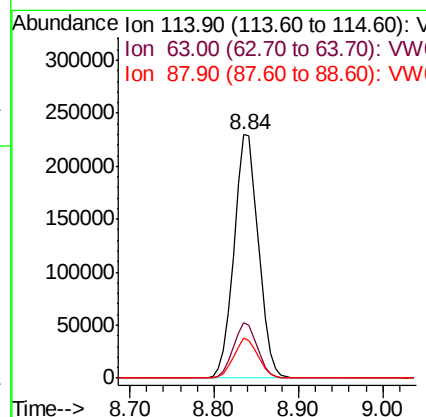
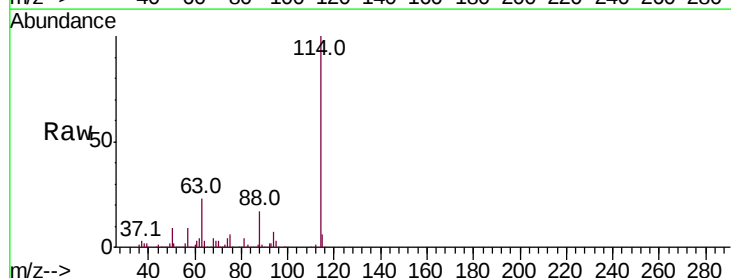
Tgt Ion: 114 Resp: 452951

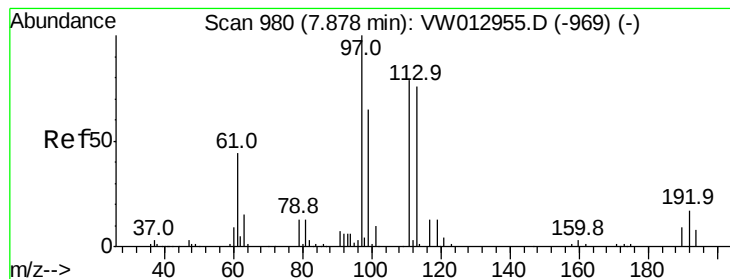
Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.4

88 16.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 53.499 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013026.D

Acq: 15 Sep 2019 07:01

Instrument :

MSVOA_W

ClientSampled :

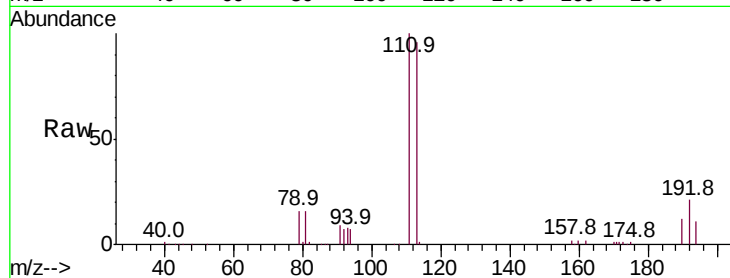
Tot Ion:113 Resp: 131488

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

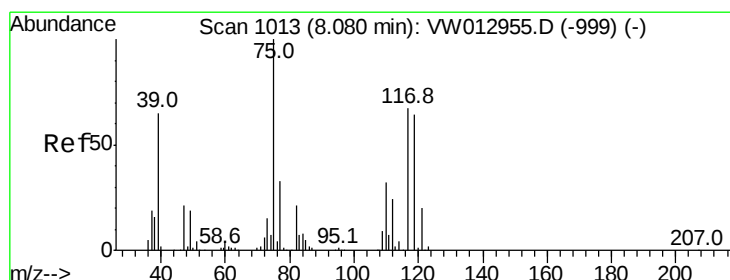
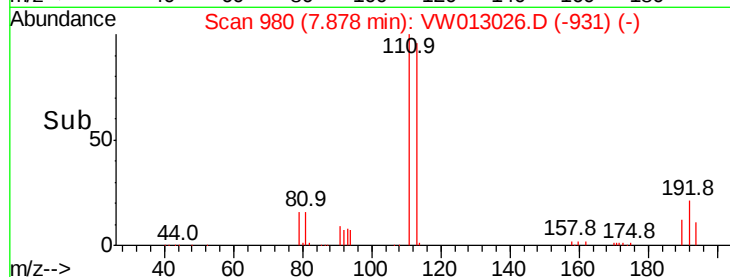
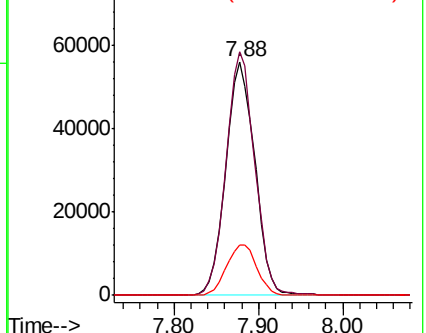
192 22.3 17.8 26.8



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: 6.243 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013026.D

Acq: 15 Sep 2019 07:01

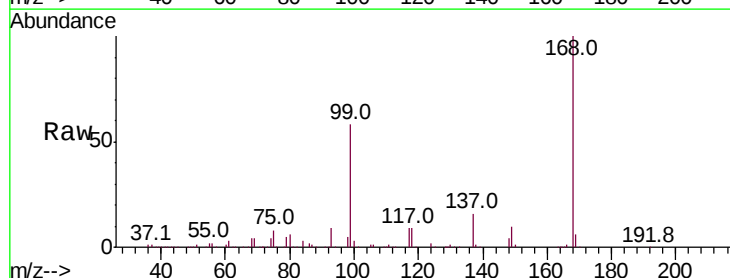
Tgt Ion: 75 Resp: 22596

Ion Ratio Lower Upper

75 100

110 8.6 16.4 49.1#

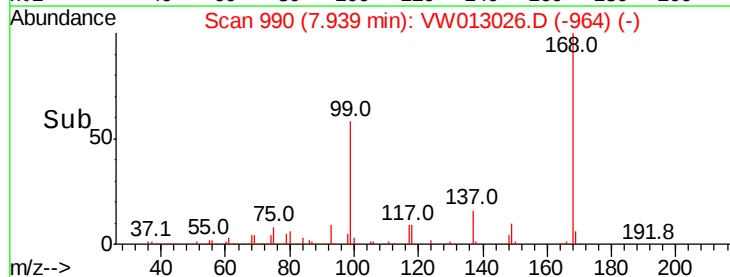
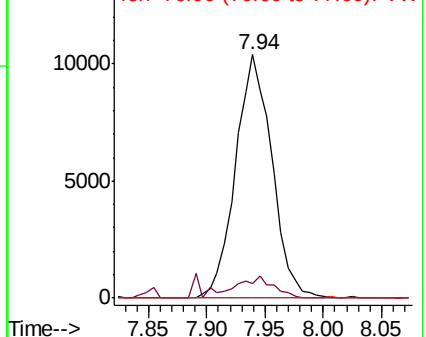
77 0.0 25.1 37.7#

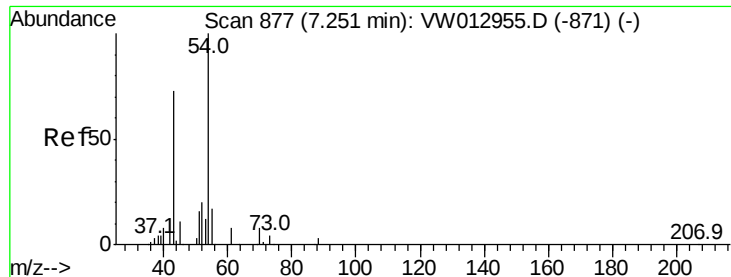


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

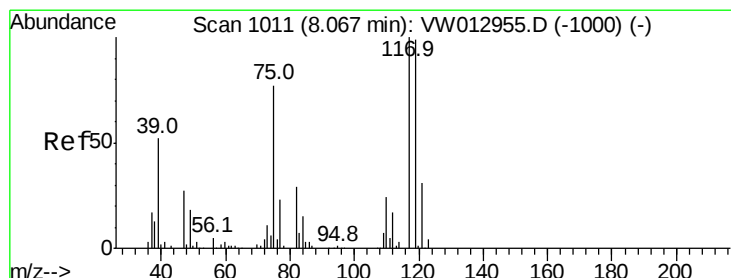
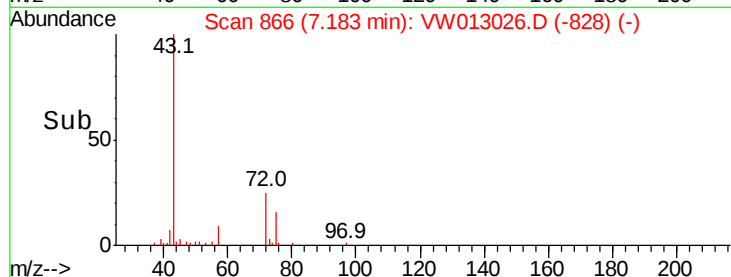
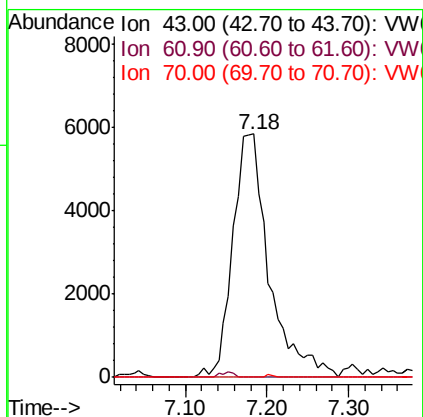
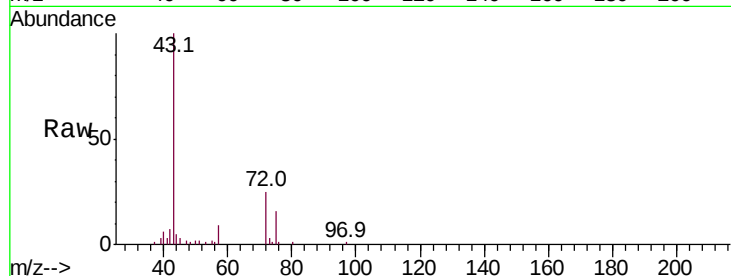




#37
Ethyl Acetate
Concen: 9.385 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.07 min
Lab File: VW013026.D
Acq: 15 Sep 2019 07:01

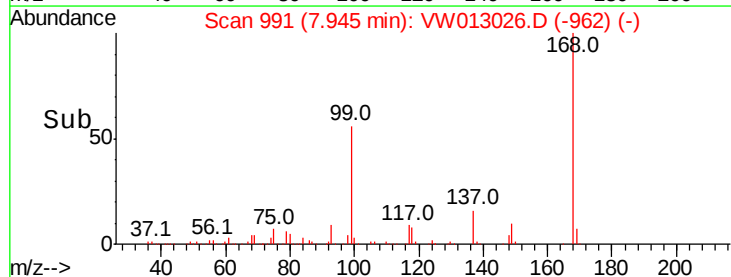
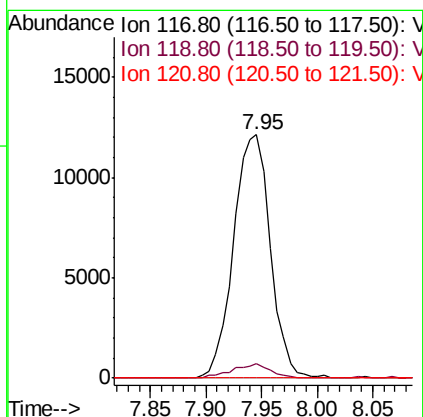
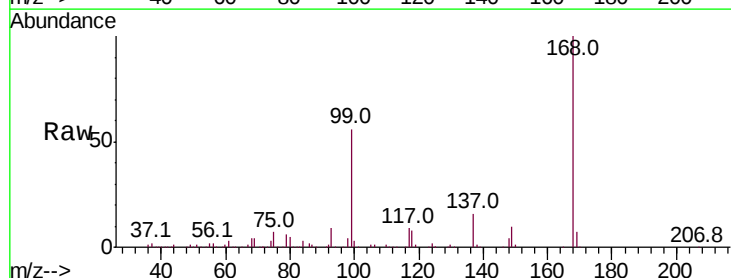
Instrument :
MSVOA_W
ClientSampled :

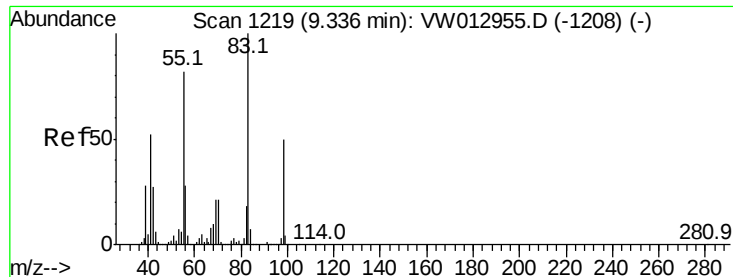
Tot Ion: 43 Resp: 18030
Ion Ratio Lower Upper
43 100
61 0.0 9.6 14.4#
70 0.3 7.6 11.4#



#38
Carbon Tetrachloride
Concen: 7.472 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013026.D
Acq: 15 Sep 2019 07:01

Tgt Ion: 117 Resp: 27716
Ion Ratio Lower Upper
117 100
119 6.0 79.4 119.0#
121 0.0 24.6 36.8#

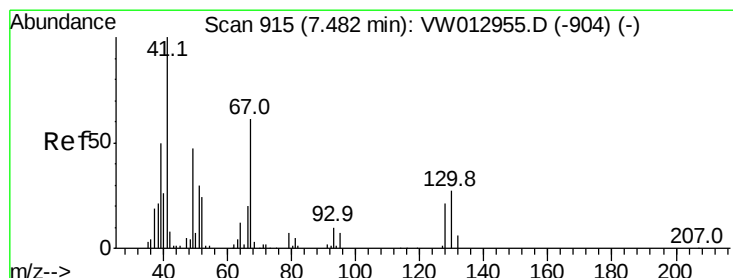
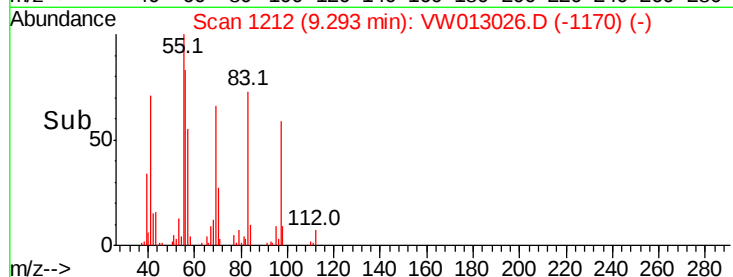
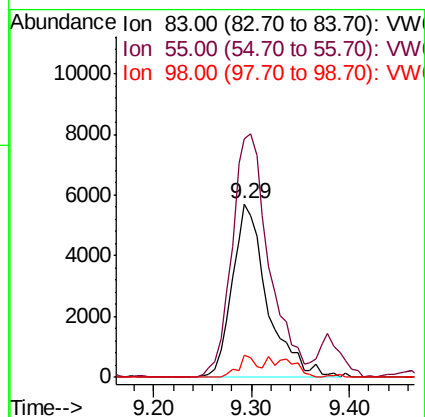
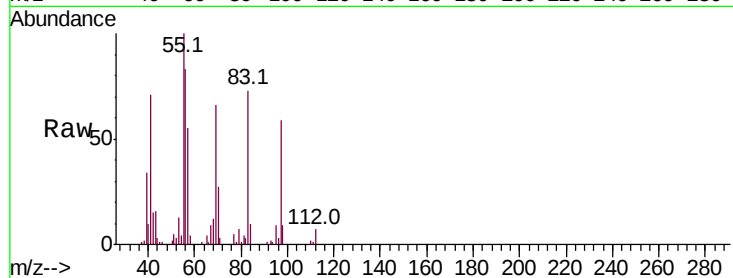




#39
Methylcyclohexane
Concen: 3.575 ug/l
RT: 9.29 min Scan# 1212
Delta R.T. -0.04 min
Lab File: VW013026.D
Acq: 15 Sep 2019 07:01

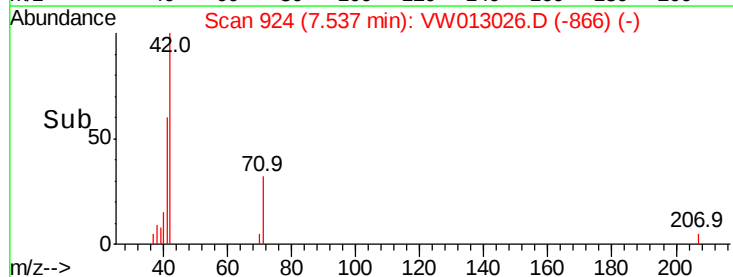
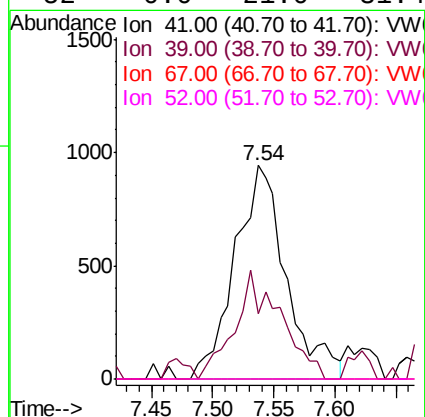
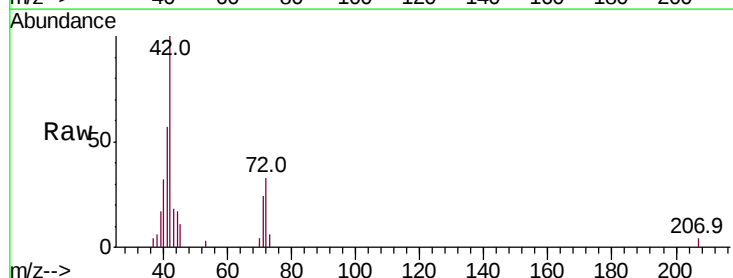
Instrument :
MSVOA_W
ClientSampled :

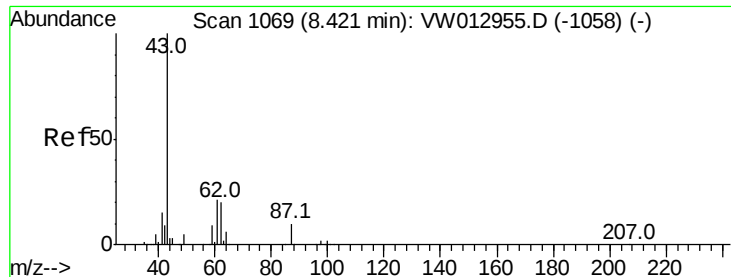
Tot Ion: 83 Resp: 14181
Ion Ratio Lower Upper
83 100
55 137.1 65.9 98.9#
98 12.5 39.6 59.4#



#41
Methacrylonitrile
Concen: 2.175 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.05 min
Lab File: VW013026.D
Acq: 15 Sep 2019 07:01

Tgt Ion: 41 Resp: 2752
Ion Ratio Lower Upper
41 100
39 45.3 48.2 72.4#
67 0.0 47.5 71.3#
52 0.0 21.0 31.4#





#43

Isopropyl Acetate

Concen: 1.316 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013026.D

Acq: 15 Sep 2019 07:01

Instrument :

MSVOA_W

ClientSampled :

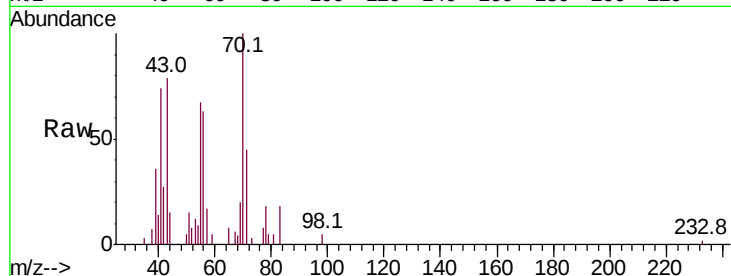
Tot Ion: 43 Resp: 4853

Ion Ratio Lower Upper

43 100

61 0.0 22.7 34.1#

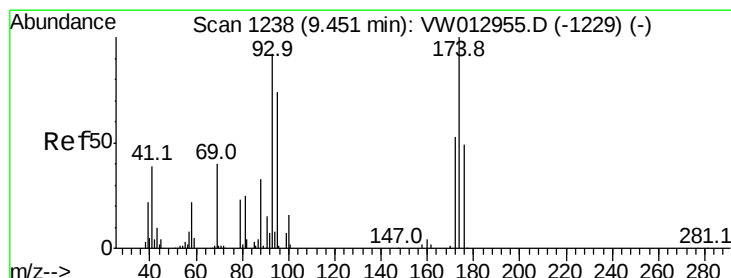
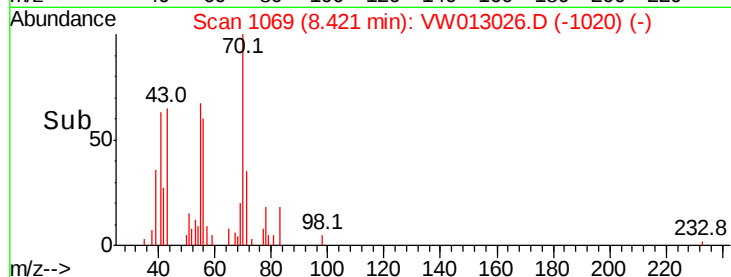
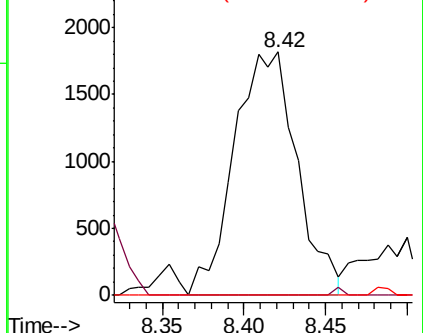
87 0.0 9.4 14.2#



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



#49

1,4-Dioxane

Concen: 1.021 ug/l

RT: 9.26 min Scan# 1207

Delta R.T. -0.19 min

Lab File: VW013026.D

Acq: 15 Sep 2019 07:01

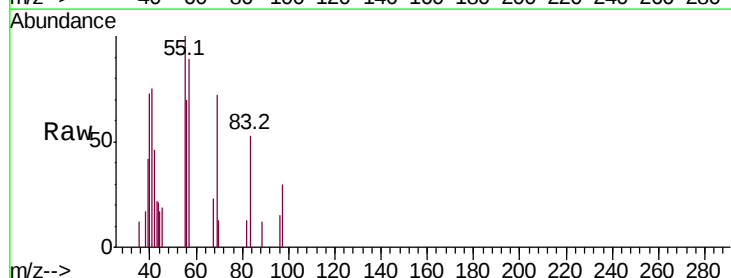
Tgt Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

43 0.0 31.3 46.9#

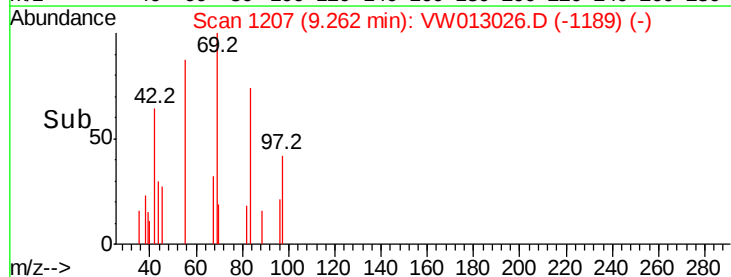
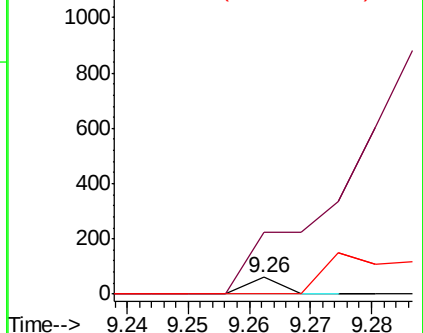
58 0.0 60.2 90.2#

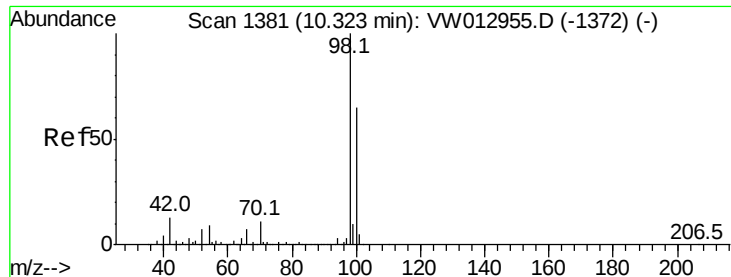


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

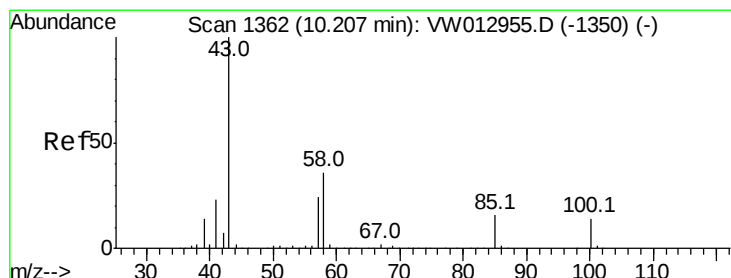
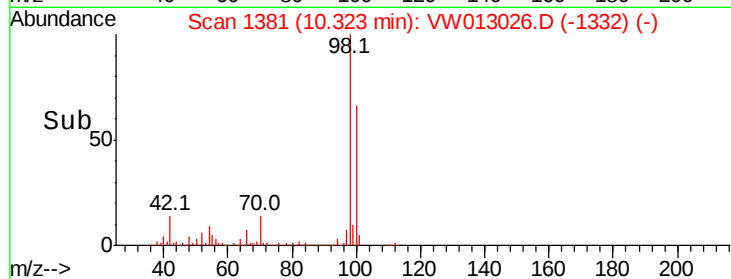
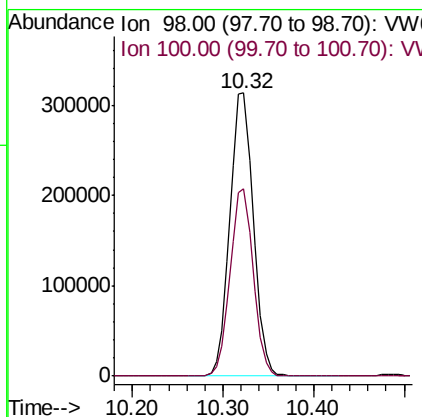
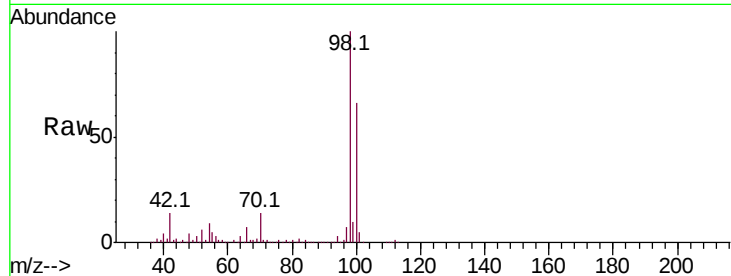




#50
Toluene-d8
Concen: 58.768 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013026.D
Acq: 15 Sep 2019 07:01

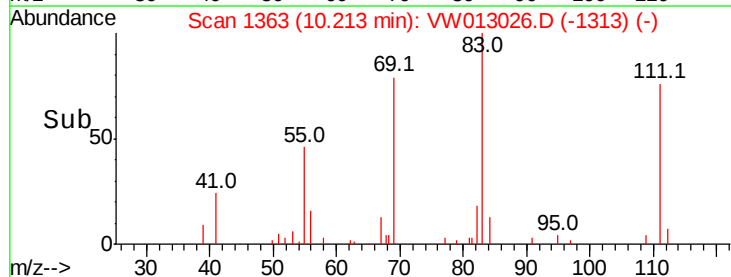
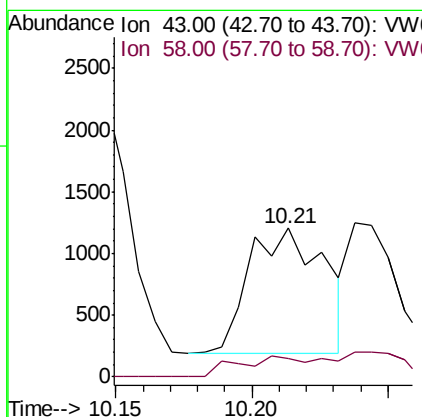
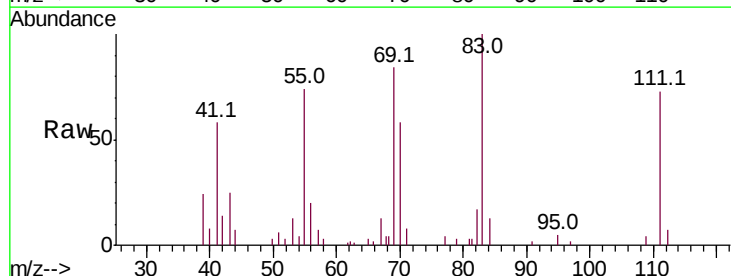
Instrument :
MSVOA_W
ClientSampleId :

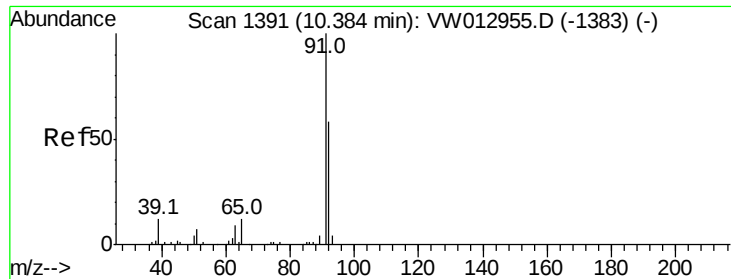
Tot Ion: 98 Resp: 565198
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.020 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW013026.D
Acq: 15 Sep 2019 07:01

Tgt Ion: 43 Resp: 1943
Ion Ratio Lower Upper
43 100
58 14.3 29.5 44.3#





#52

Toluene

Concen: 1.363 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013026.D

Acq: 15 Sep 2019 07:01

Instrument :

MSVOA_W

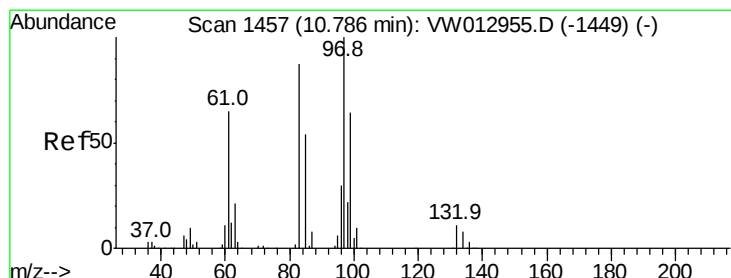
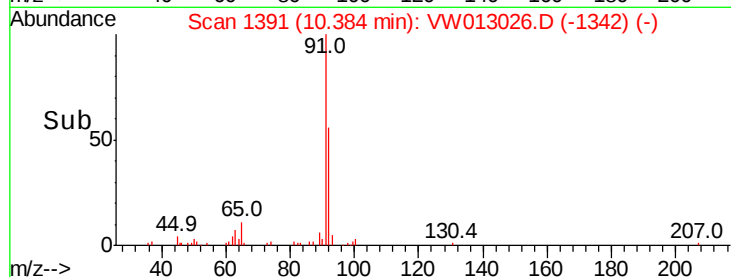
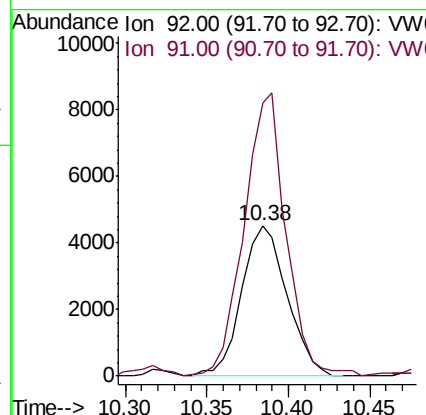
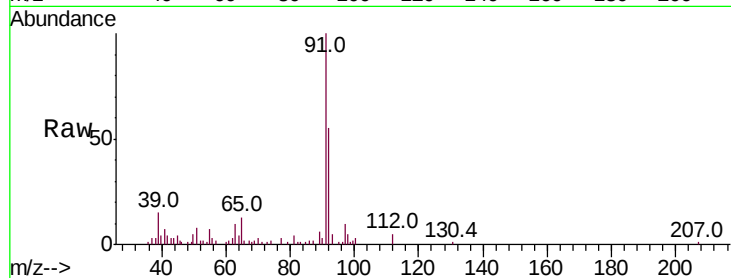
ClientSampled :

Tot Ion: 92 Resp: 8751

Ion Ratio Lower Upper

92 100

91 174.1 137.5 206.3



#55

1,1,2-Trichloroethane

Concen: 27.051 ug/l

RT: 10.76 min Scan# 1452

Delta R.T. -0.03 min

Lab File: VW013026.D

Acq: 15 Sep 2019 07:01

Tgt Ion: 97 Resp: 53003

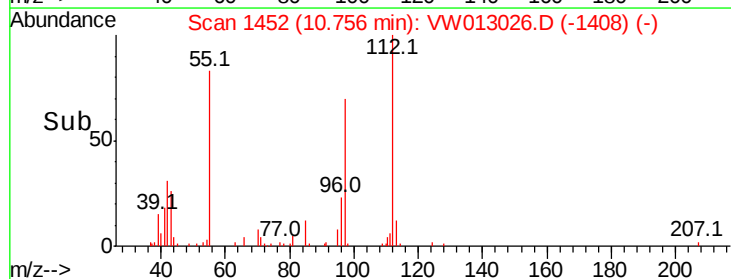
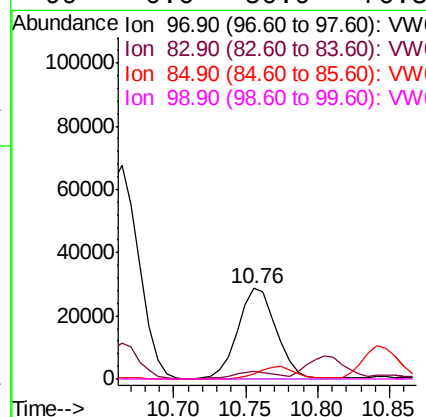
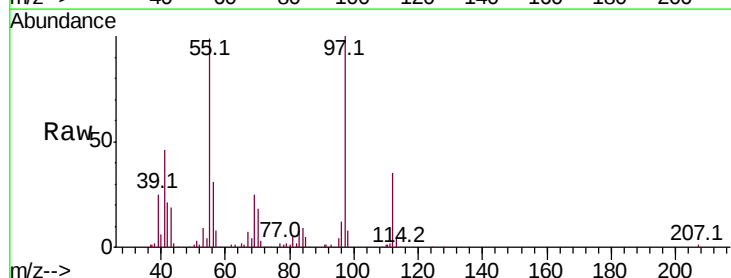
Ion Ratio Lower Upper

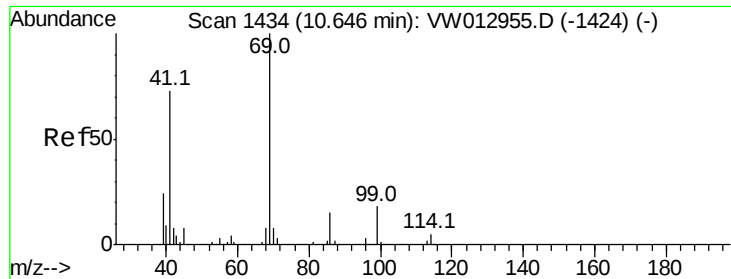
97 100

83 8.2 69.4 104.0#

85 5.4 43.3 64.9#

99 0.0 50.9 76.3#





#56

Ethyl methacrylate

Concen: 9.441 ug/l

RT: 10.62 min Scan# 1429

Delta R.T. -0.03 min

Lab File: VW013026.D

Acq: 15 Sep 2019 07:01

Instrument :

MSVOA_W

ClientSampled :

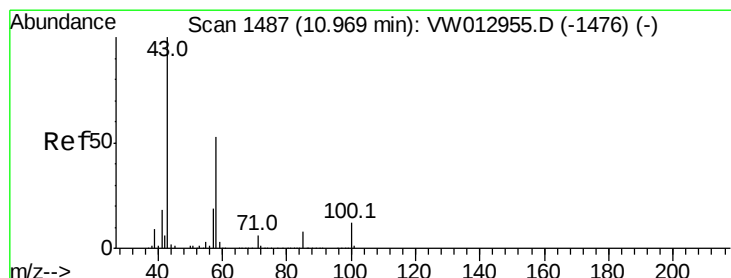
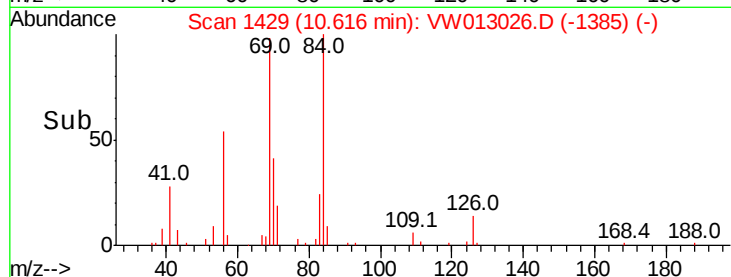
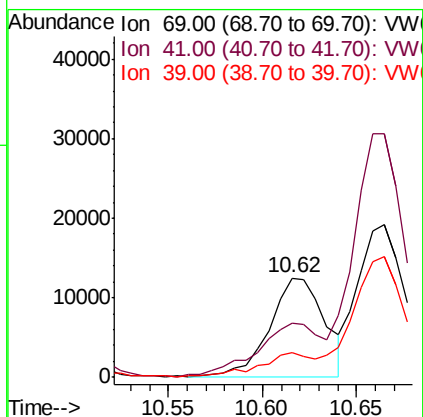
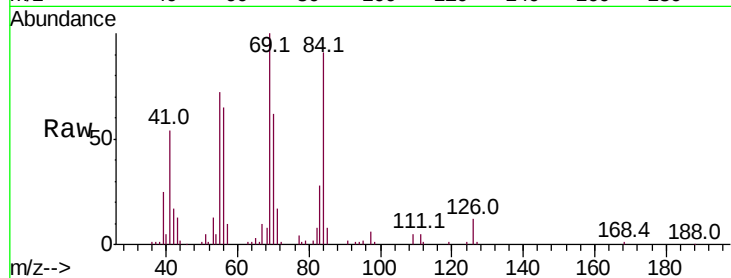
Tot Ion: 69 Resp: 24899

Ion Ratio Lower Upper

69 100

41 64.5 60.8 91.2

39 23.5 29.4 44.0#



#59

2-Hexanone

Concen: 10.287 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.03 min

Lab File: VW013026.D

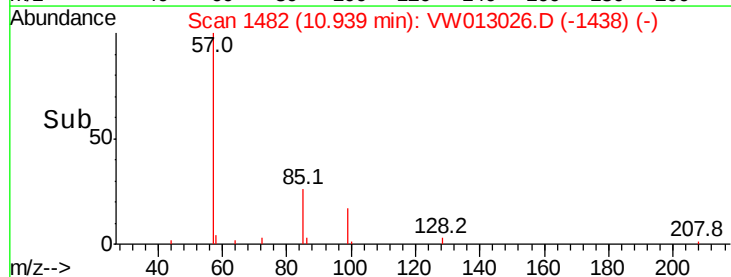
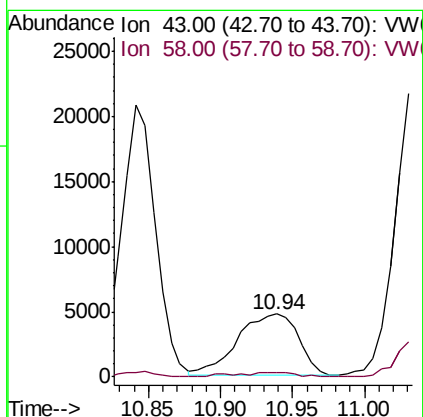
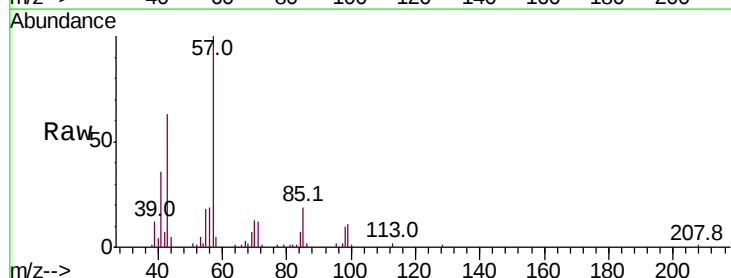
Acq: 15 Sep 2019 07:01

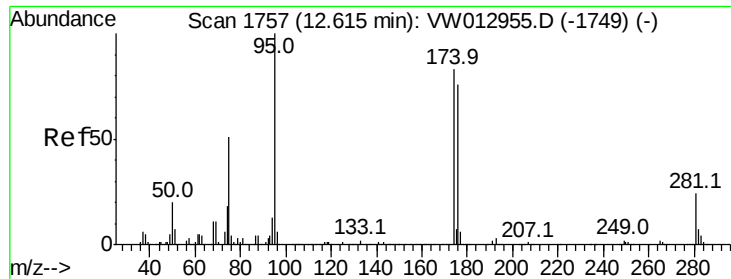
Tgt Ion: 43 Resp: 13641

Ion Ratio Lower Upper

43 100

58 6.2 25.8 77.3#

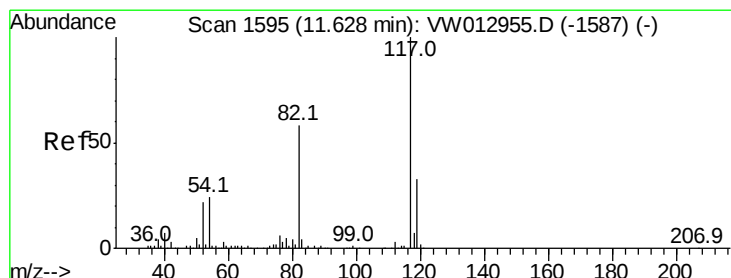
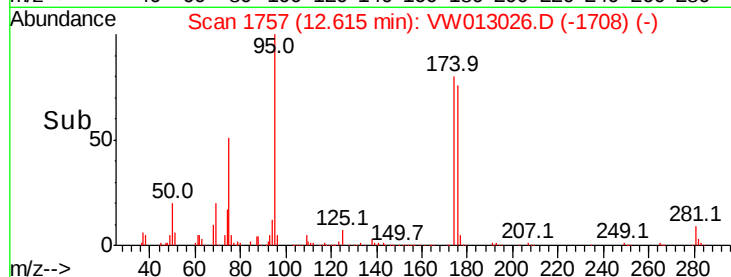
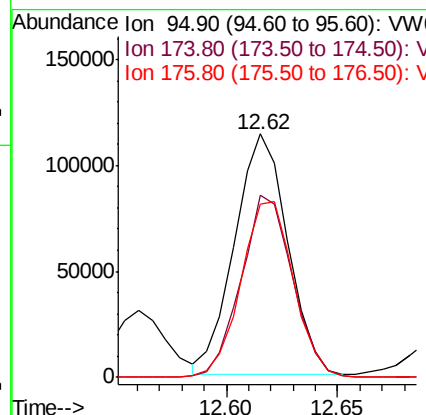
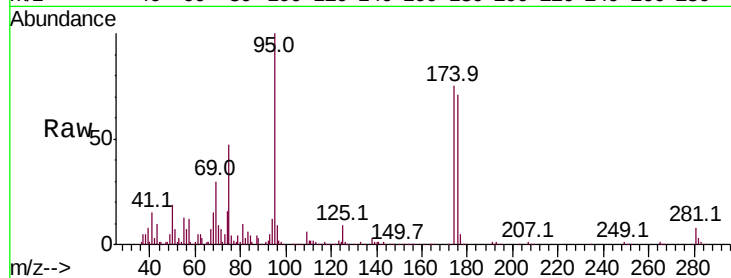




#62
4-Bromofluorobenzene
Concen: 54.384 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013026.D
Acq: 15 Sep 2019 07:01

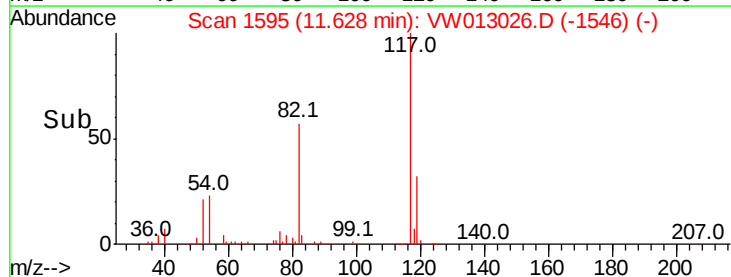
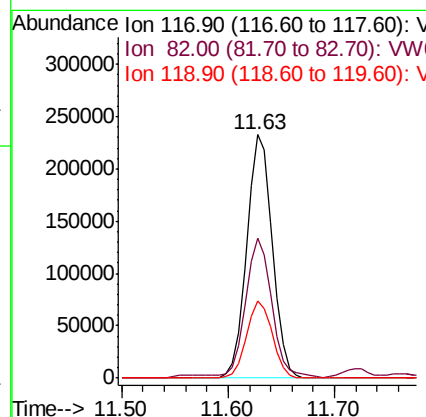
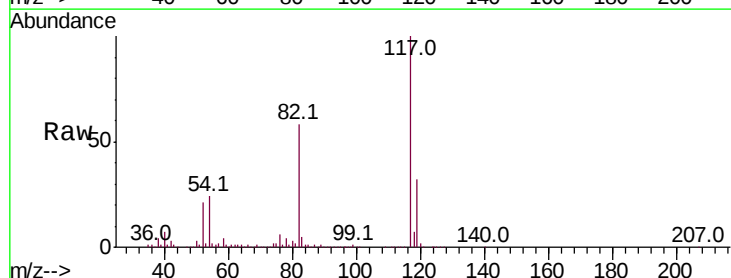
Instrument :
MSVOA_W
ClientSampleId :

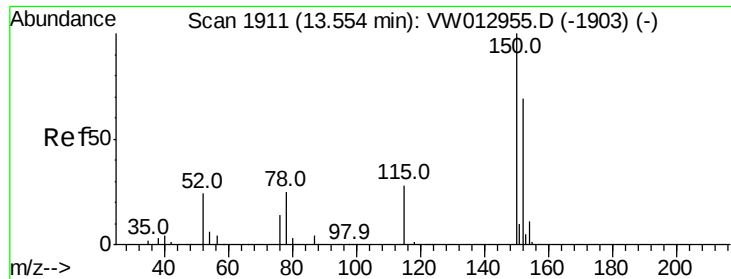
Tot Ion: 95 Resp: 188074
Ion Ratio Lower Upper
95 100
174 73.5 0.0 170.4
176 72.8 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013026.D
Acq: 15 Sep 2019 07:01

Tgt Ion: 117 Resp: 392394
Ion Ratio Lower Upper
117 100
82 56.1 46.3 69.5
119 31.7 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW013026.D

Acq: 15 Sep 2019 07:01

Instrument :

MSVOA_W

ClientSampleId :

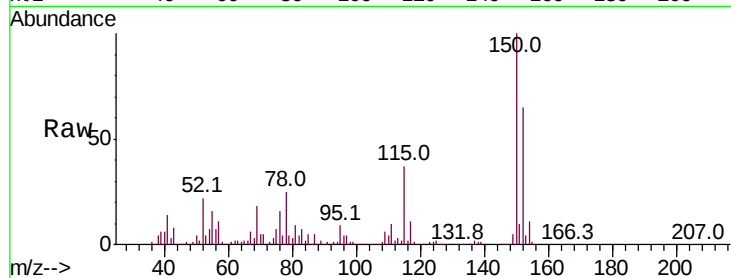
Tot Ion:152 Resp: 147301

Ion Ratio Lower Upper

152 100

115 53.4 28.8 86.4

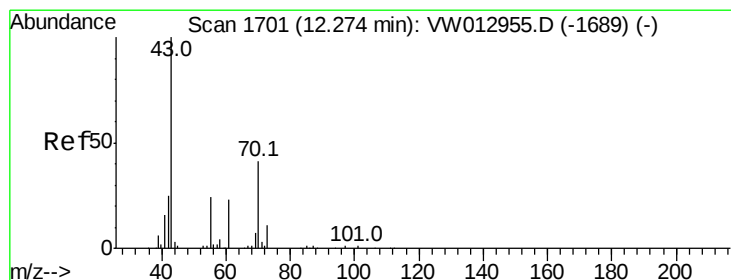
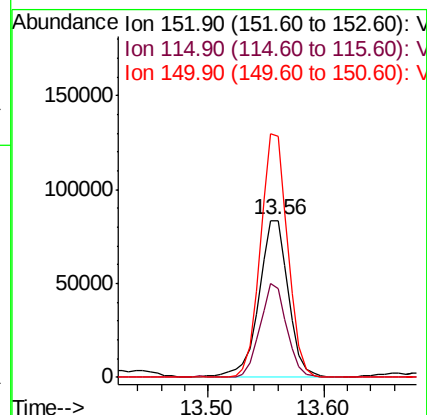
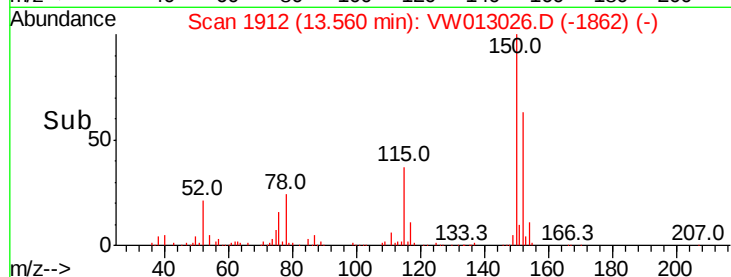
150 143.3 0.0 340.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 14.897 ug/l

RT: 12.23 min Scan# 1694

Delta R.T. -0.04 min

Lab File: VW013026.D

Acq: 15 Sep 2019 07:01

Tgt Ion: 43 Resp: 37414

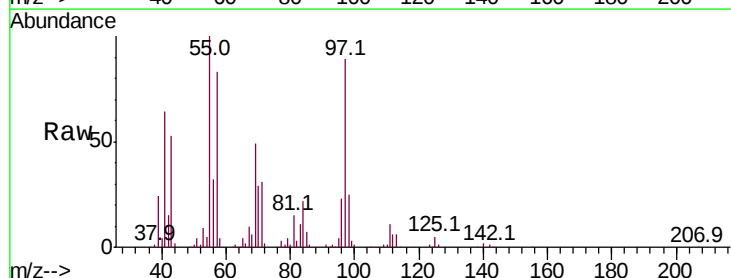
Ion Ratio Lower Upper

43 100

70 48.3 31.7 47.5#

55 182.4 19.4 29.2#

61 0.2 18.7 28.1#

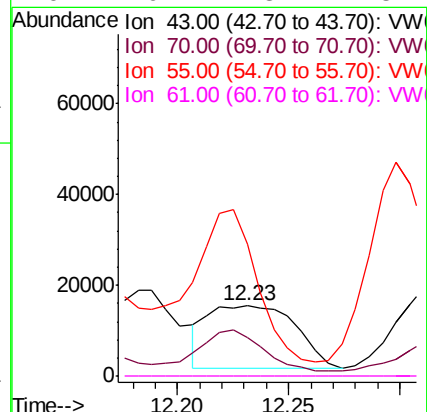
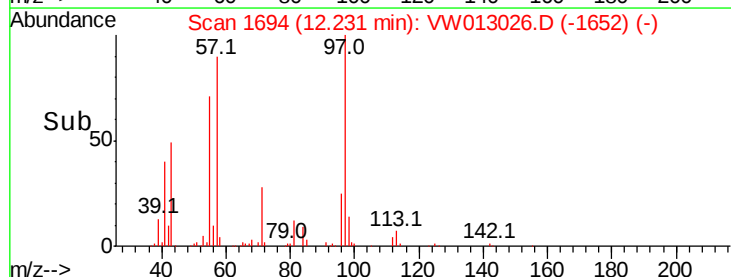


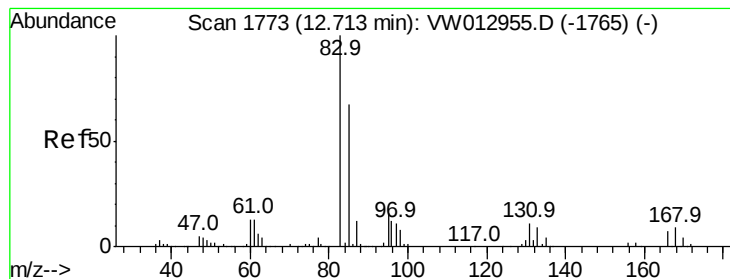
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 10.265 ug/l

RT: 12.68 min Scan# 1768

Delta R.T. -0.03 min

Lab File: VW013026.D

Acq: 15 Sep 2019 07:01

Instrument :

MSVOA_W

ClientSampled :

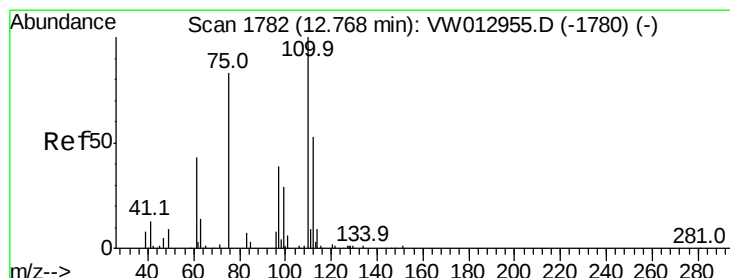
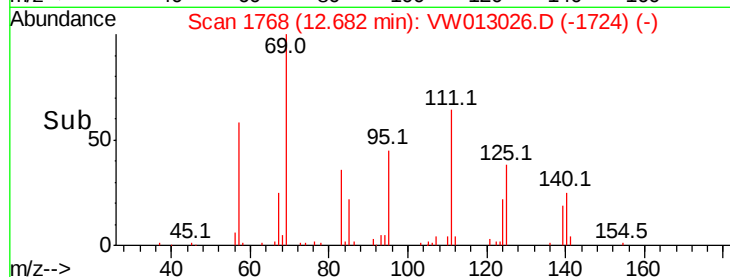
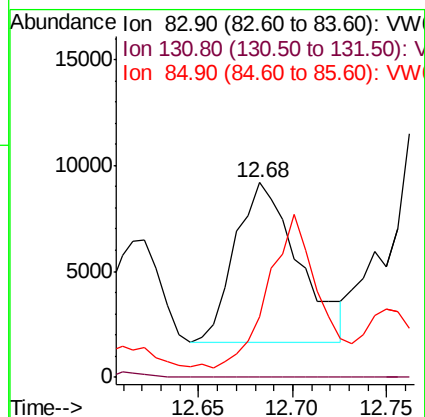
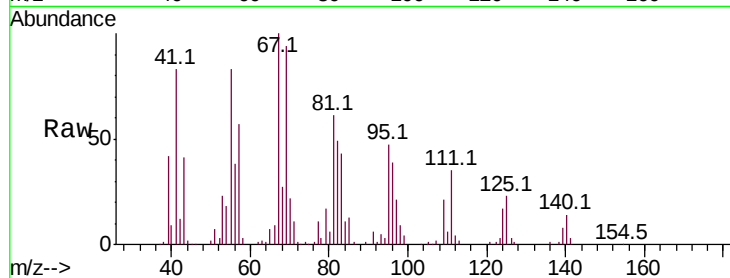
Tot Ion: 83 Resp: 17602

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

85 74.6 31.4 94.3



#76

1,2,3-Trichloropropane

Concen: 67.670 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013026.D

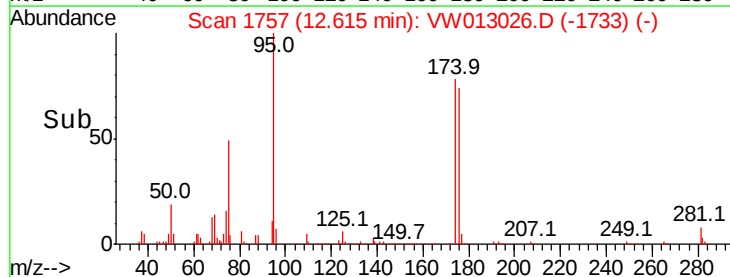
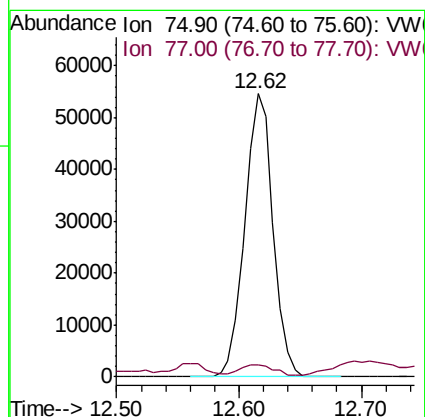
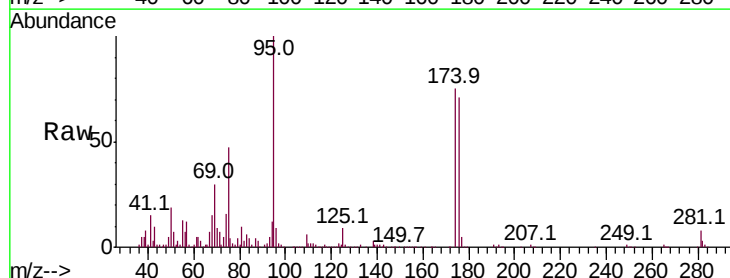
Acq: 15 Sep 2019 07:01

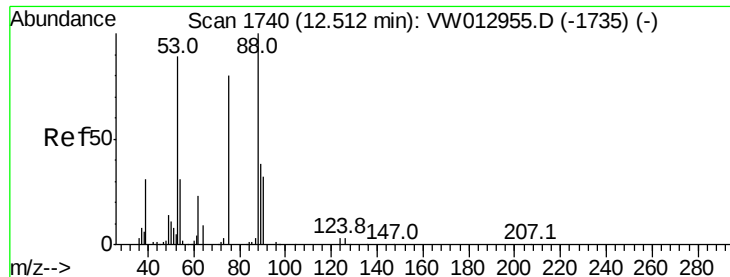
Tgt Ion: 75 Resp: 87310

Ion Ratio Lower Upper

75 100

77 4.6 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 153.507 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013026.D

Acq: 15 Sep 2019 07:01

Instrument :

MSVOA_W

ClientSampleId :

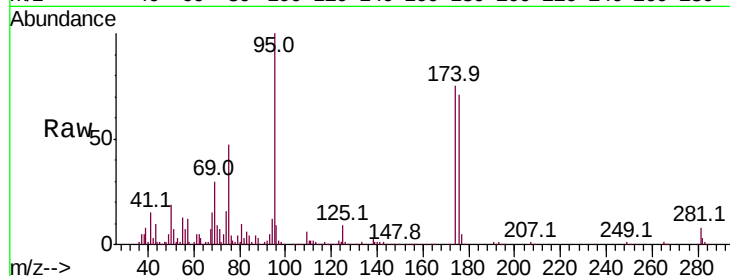
Tot Ion: 75 Resp: 87310

Ion Ratio Lower Upper

75 100

53 7.3 85.6 128.4#

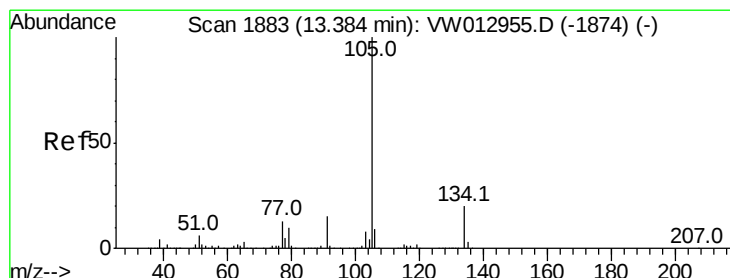
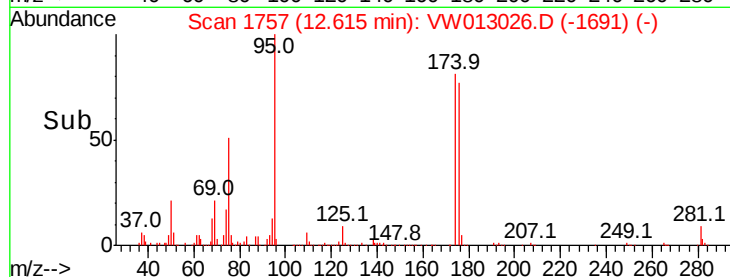
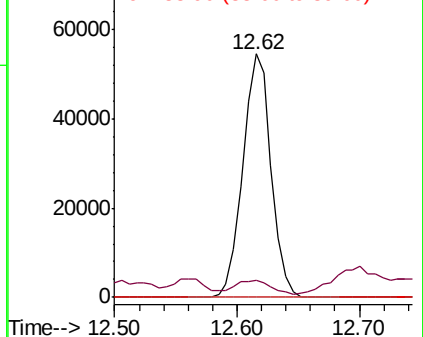
89 0.2 37.2 55.8#



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



#85

sec-Butylbenzene

Concen: 1.397 ug/l

RT: 13.38 min Scan# 1882

Delta R.T. -0.01 min

Lab File: VW013026.D

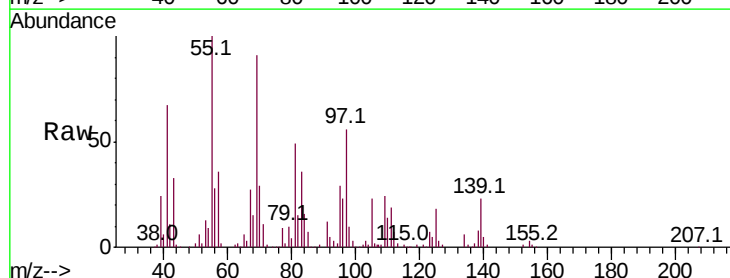
Acq: 15 Sep 2019 07:01

Tgt Ion:105 Resp: 14065

Ion Ratio Lower Upper

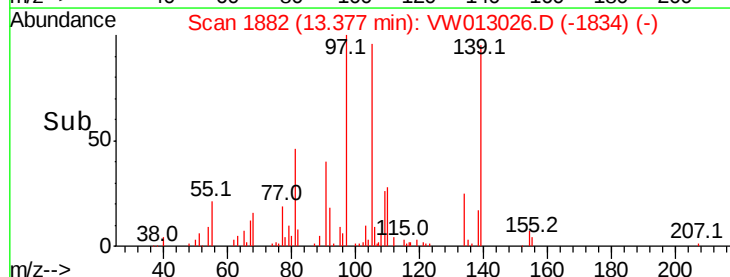
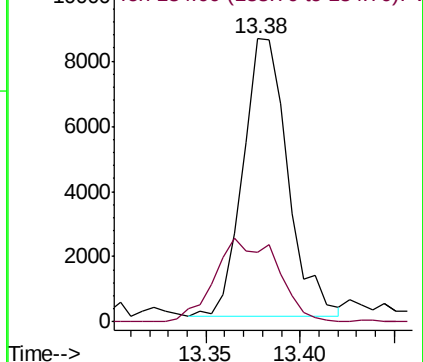
105 100

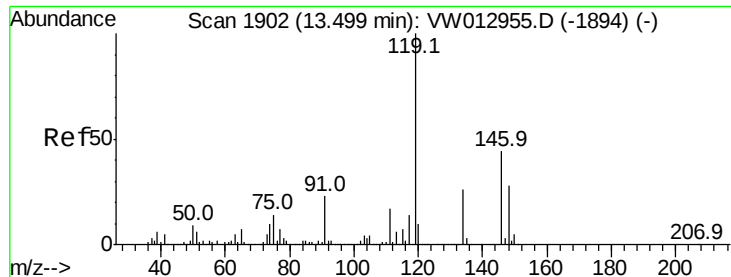
134 41.8 10.2 30.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

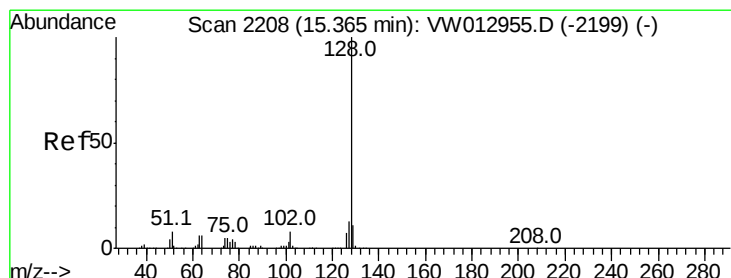
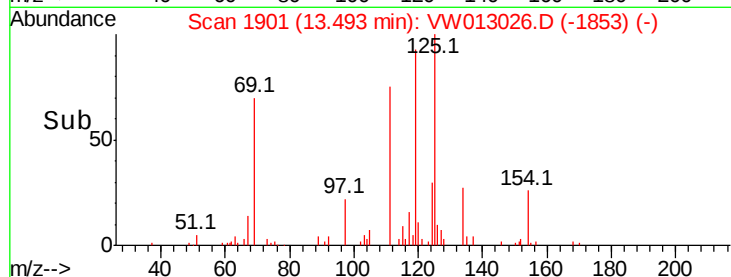
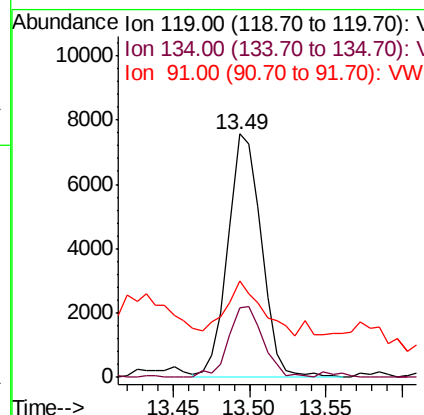
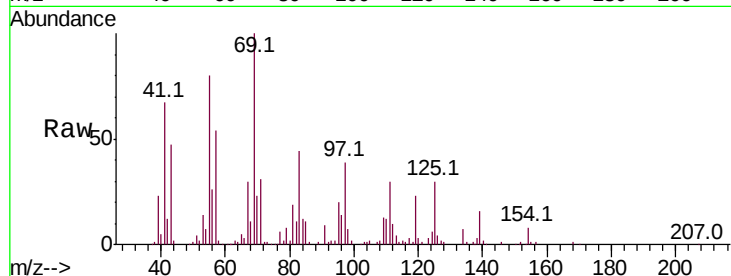




#86
p-Isopropyltoluene
Concen: 1.248 ug/l
RT: 13.49 min Scan# 1901
Delta R.T. -0.01 min
Lab File: VW013026.D
Acq: 15 Sep 2019 07:01

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:119 Resp: 11530
Ion Ratio Lower Upper
119 100
134 29.9 12.8 38.3
91 26.6 11.8 35.4



#95
Naphthalene
Concen: 4.795 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013026.D
Acq: 15 Sep 2019 07:01

Tgt Ion:128 Resp: 22372
Ion Ratio Lower Upper
128 100
127 22.4 11.0 16.6#
129 10.9 8.6 12.8

