

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
 Data File : VW012495.D
 Acq On : 02 Sep 2019 13:36
 Operator : SY/VA
 Sample : K4528-02RE
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-Q3-(0)RE

Quant Time: Sep 03 07:38:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	7015	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.84	114	11193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	7742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	825	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	5266	63.15	ug/l	0.00
Spiked Amount			Recovery	=	126.30%	
35) Dibromofluoromethane	7.88	113	4015	60.09	ug/l	0.00
Spiked Amount			Recovery	=	120.18%	
50) Toluene-d8	10.32	98	12746	47.05	ug/l	0.00
Spiked Amount			Recovery	=	94.10%	
62) 4-Bromofluorobenzene	12.62	95	2378	24.90	ug/l	0.00
Spiked Amount			Recovery	=	49.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	232	3.467	ug/l #	80
11) Tert butyl alcohol	5.17	59	42	8.369	ug/l #	71
13) Acrolein	3.92	56	22	4.657	ug/l #	35
16) Acetone	4.12	43	1058	49.633	ug/l #	89
18) Methyl Acetate	4.64	43	165	3.125	ug/l #	57
20) Methylene Chloride	4.93	84	403	5.001	ug/l #	71
25) 2-Butanone	7.17	43	86	2.969	ug/l #	56
29) Tetrahydrofuran	7.54	42	146	8.401	ug/l #	42
31) Cyclohexane	7.95	56	185	1.232	ug/l #	17
36) 1,1-Dichloropropene	7.95	75	691	5.974	ug/l #	46
37) Ethyl Acetate	7.27	43	89	1.404	ug/l #	73
38) Carbon Tetrachloride	7.94	117	863	8.620	ug/l #	12
40) Benzene	8.35	78	318	1.007	ug/l #	51
41) Methacrylonitrile	7.49	41	147	3.946	ug/l #	51
48) Methyl methacrylate	9.43	41	71	1.271	ug/l #	1
49) 1,4-Dioxane	9.42	88	26	44.907	ug/l #	14
59) 2-Hexanone	10.85	43	52	1.231	ug/l	85
61) 1,2-Dibromoethane	11.24	107	51	1.023	ug/l #	3
73) Isopropylbenzene	12.46	105	168	2.718	ug/l #	50
74) N-amyl acetate	12.27	43	55	2.945	ug/l #	31
75) 1,1,2,2-Tetrachloroethane	12.71	83	179	15.794	ug/l #	26
76) 1,2,3-Trichloropropane	12.62	75	919	114.376	ug/l #	100
78) n-propylbenzene	12.81	91	233	3.087	ug/l #	55
79) 2-Chlorotoluene	12.88	91	197	4.598	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.95	105	173	3.349	ug/l #	29
81) trans-1,4-Dichloro-2-buten	12.62	75	919	250.773	ug/l #	9
82) 4-Chlorotoluene	12.98	91	151	3.366	ug/l #	43
83) tert-Butylbenzene	13.20	119	60	1.371	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.26	105	344	6.630	ug/l #	32
85) sec-Butylbenzene	13.38	105	183	2.919	ug/l #	57
86) p-Isopropyltoluene	13.51	119	90	1.608	ug/l #	13
87) 1,3-Dichlorobenzene	13.52	146	28	1.070	ug/l #	1
88) 1,4-Dichlorobenzene	13.59	146	41	1.579	ug/l #	1
89) n-Butylbenzene	13.82	91	208	3.736	ug/l #	45

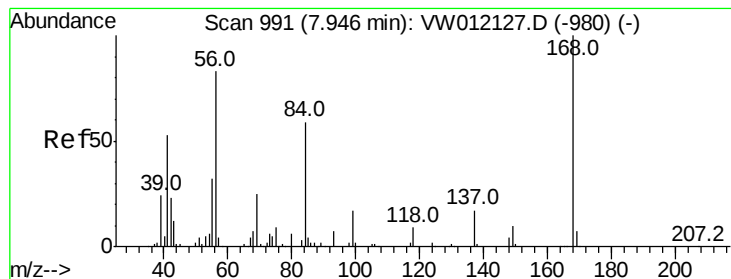
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.59	146	41	1.787	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.73	75	44	23.030	ug/l #	5
94) Hexachlorobutadiene	15.23	225	58	5.539	ug/l #	18
95) Naphthalene	15.37	128	245	11.514	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.55	180	57	4.120	ug/l #	13

(#) = 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: VW012495.D

Acq: 02 Sep 2019 13:36

Instrument :

MSVOA_W

ClientSampleId :

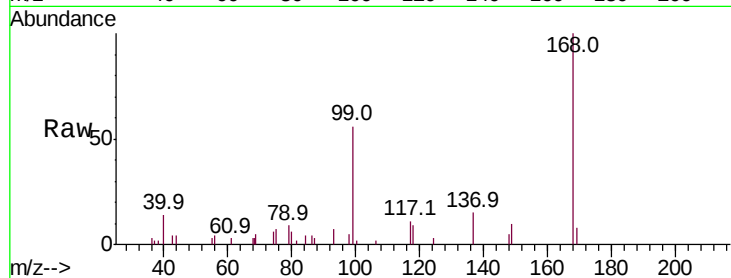
T9-12-13-Q3-(0)RE

Tot Ion:168 Resp: 7015

Ion Ratio Lower Upper

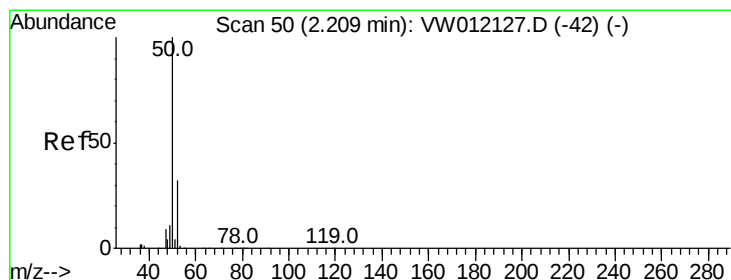
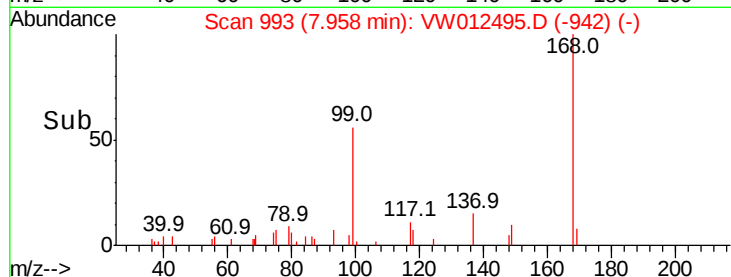
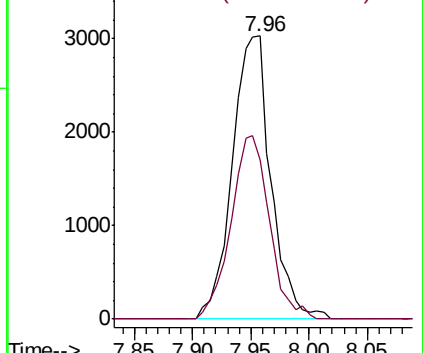
168 100

99 56.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#3

Chloromethane

Concen: 3.467 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW012495.D

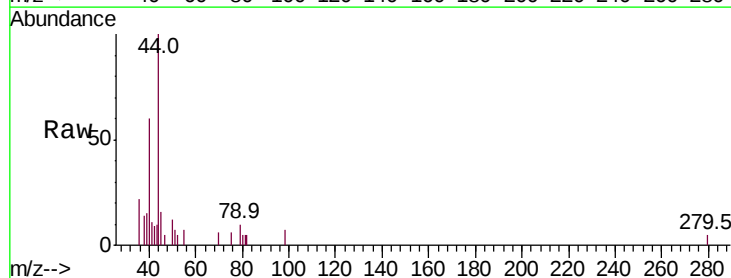
Acq: 02 Sep 2019 13:36

Tgt Ion: 50 Resp: 232

Ion Ratio Lower Upper

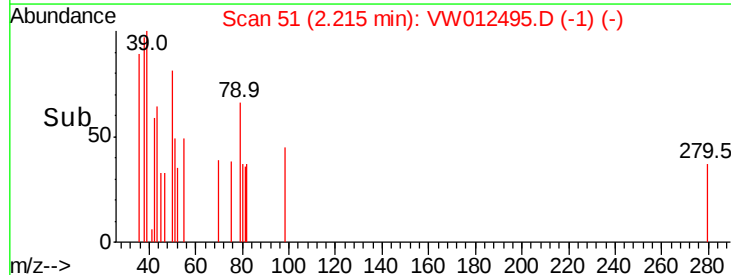
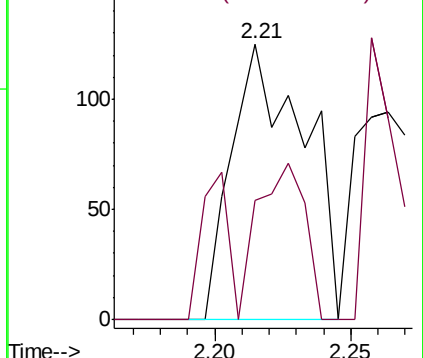
50 100

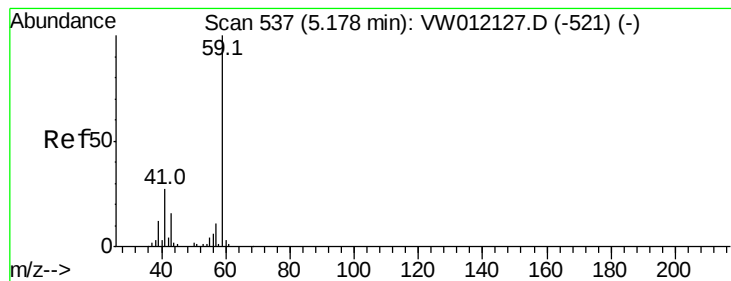
52 43.2 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



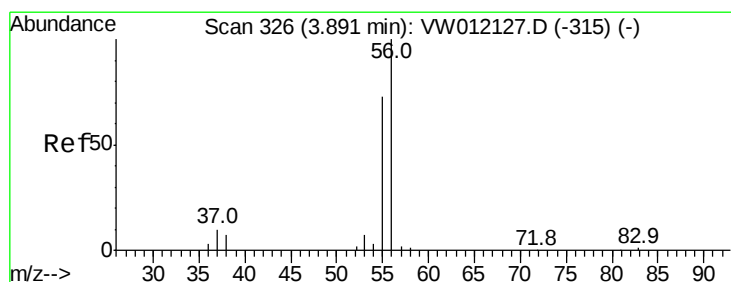
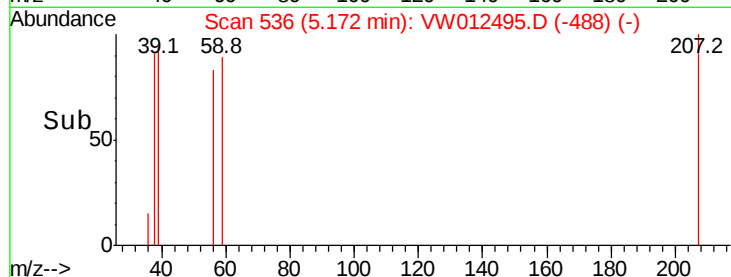
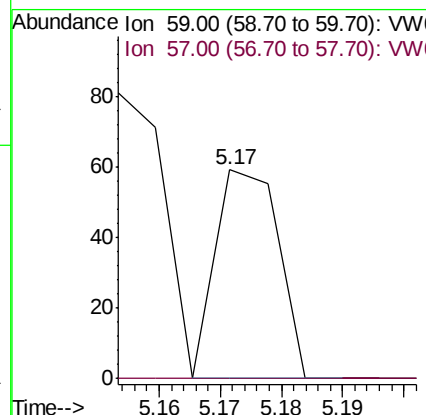
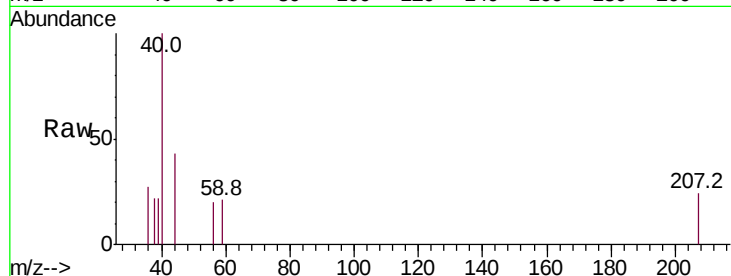


#11

Tert butyl alcohol
 Concen: 8.369 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.01 min
 Lab File: VW012495.D
 Acq: 02 Sep 2019 13:36

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-Q3-(0)RE

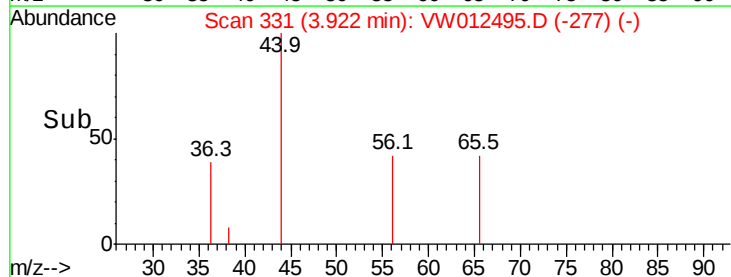
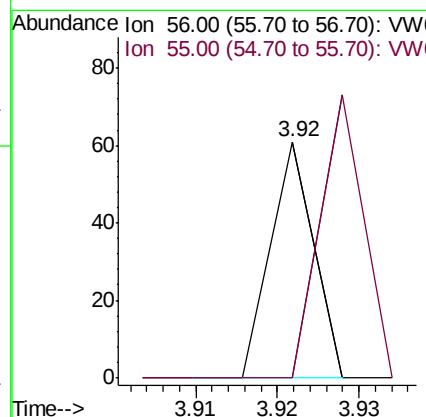
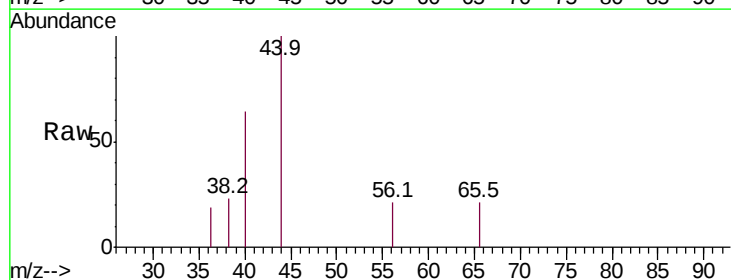
Tot Ion: 59 Resp: 42
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.4#

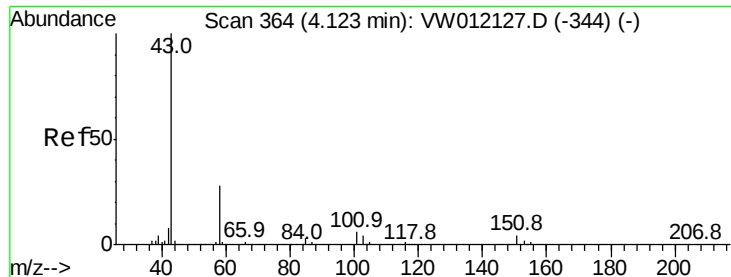


#13

Acrolein
 Concen: 4.657 ug/l
 RT: 3.92 min Scan# 331
 Delta R.T. 0.03 min
 Lab File: VW012495.D
 Acq: 02 Sep 2019 13:36

Tgt Ion: 56 Resp: 22
 Ion Ratio Lower Upper
 56 100
 55 122.7 55.8 83.8#





#16

Acetone

Concen: 49.633 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW012495.D

Acq: 02 Sep 2019 13:36

Instrument :

MSVOA_W

ClientSampleId :

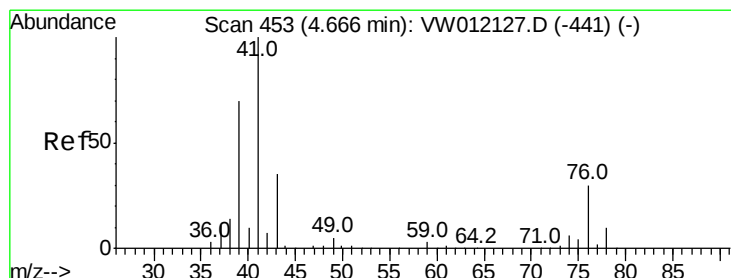
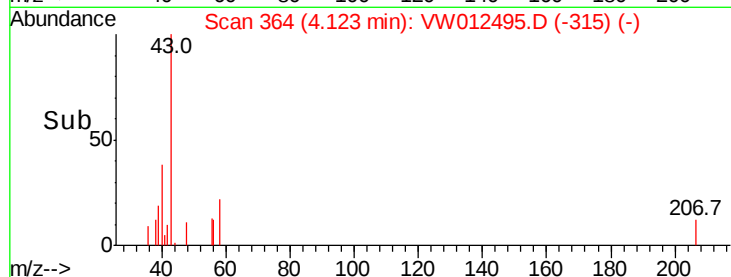
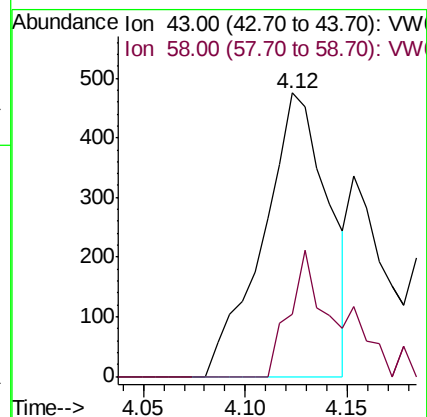
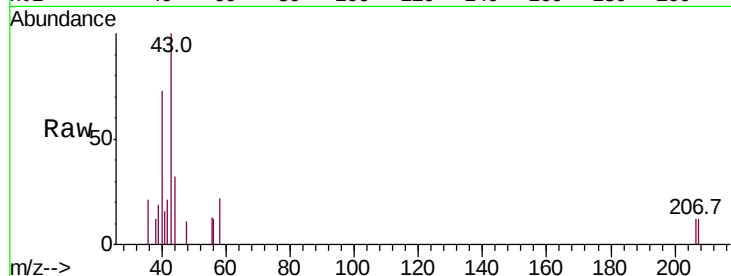
T9-12-13-Q3-(0)RE

Tot Ion: 43 Resp: 1058

Ion Ratio Lower Upper

43 100

58 22.1 22.4 33.6#



#18

Methyl Acetate

Concen: 3.125 ug/l

RT: 4.64 min Scan# 449

Delta R.T. -0.02 min

Lab File: VW012495.D

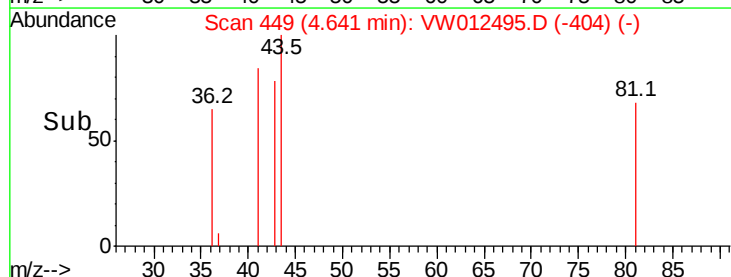
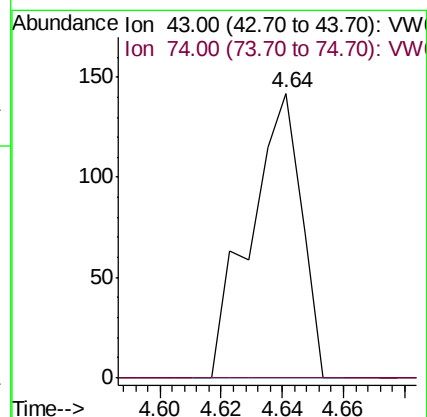
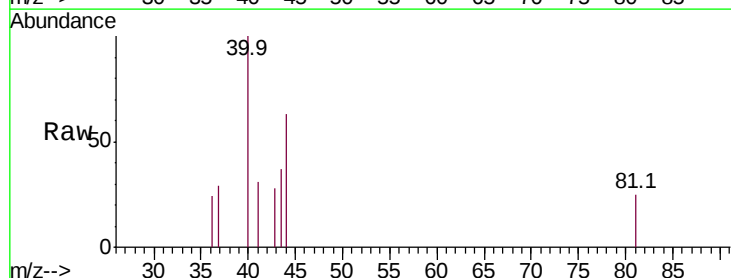
Acq: 02 Sep 2019 13:36

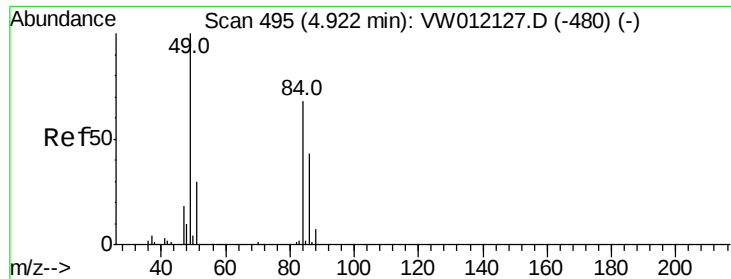
Tgt Ion: 43 Resp: 165

Ion Ratio Lower Upper

43 100

74 0.0 15.7 23.5#





#20

Methylene Chloride

Concen: 5.001 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW012495.D

Acq: 02 Sep 2019 13:36

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-Q3-(0)RE

Tot Ion: 84 Resp: 403

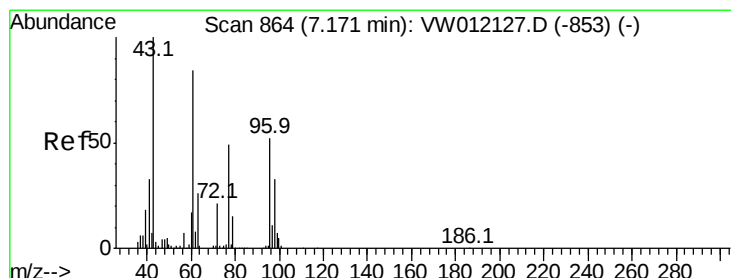
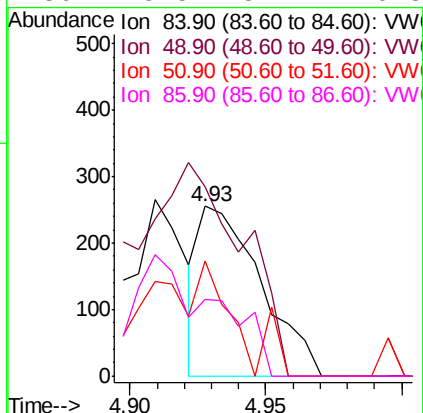
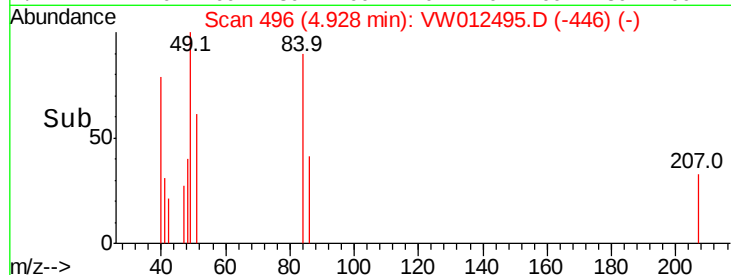
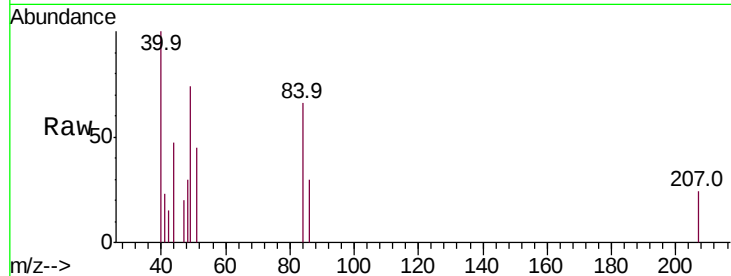
Ion Ratio Lower Upper

84 100

49 111.4 117.8 176.8#

51 67.8 35.6 53.4#

86 45.5 51.2 76.8#



#25

2-Butanone

Concen: 2.969 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012495.D

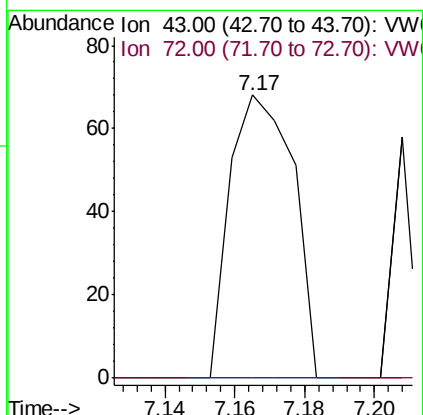
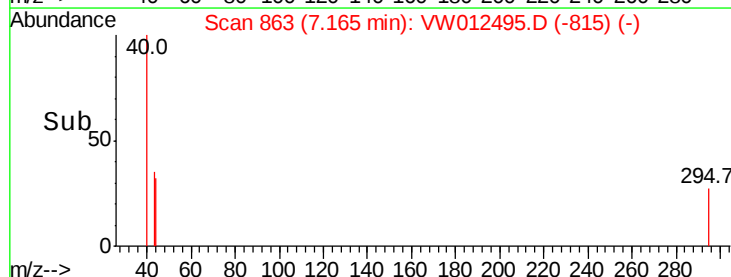
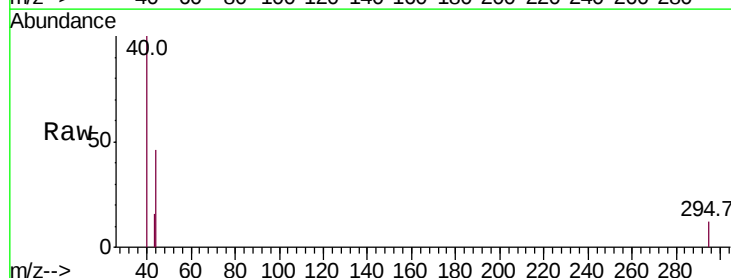
Acq: 02 Sep 2019 13:36

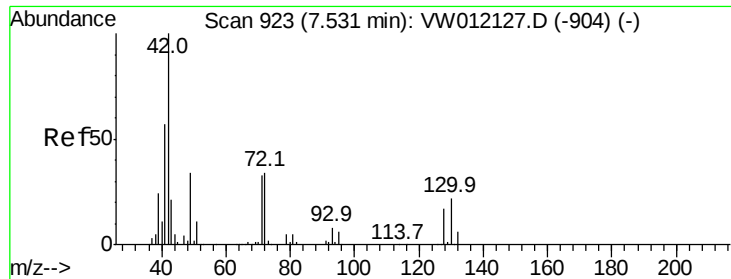
Tgt Ion: 43 Resp: 86

Ion Ratio Lower Upper

43 100

72 0.0 16.6 24.8#





#29

Tetrahydrofuran

Concen: 8.401 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW012495.D

Acq: 02 Sep 2019 13:36

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-Q3-(0)RE

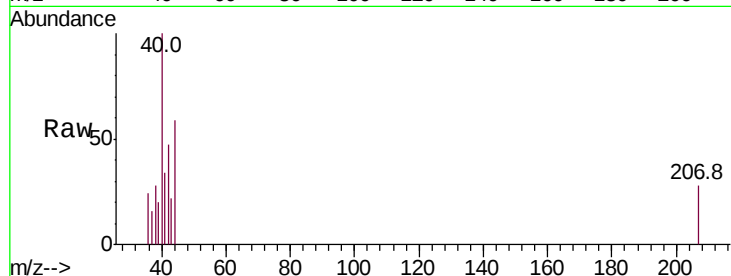
Tot Ion: 42 Resp: 146

Ion Ratio Lower Upper

42 100

72 0.0 27.3 40.9#

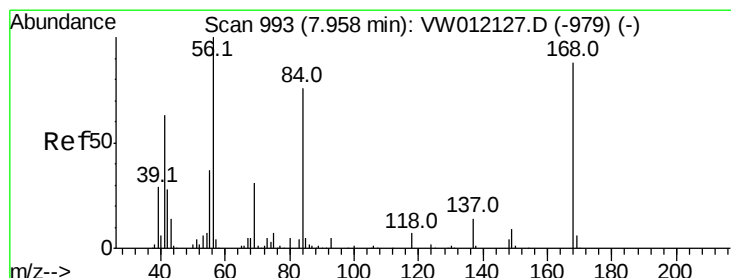
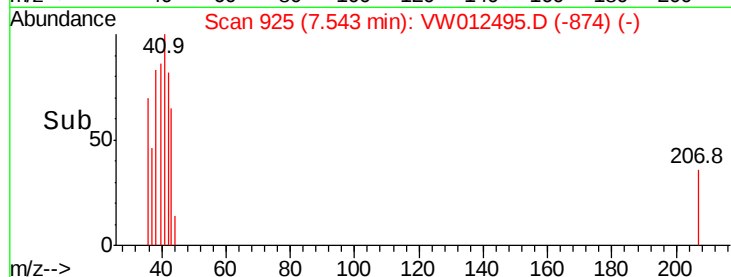
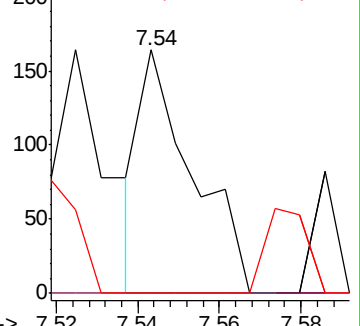
71 0.0 25.5 38.3#



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



#31

Cyclohexane

Concen: 1.232 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012495.D

Acq: 02 Sep 2019 13:36

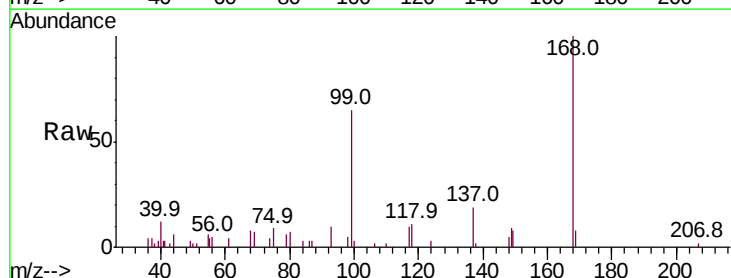
Tgt Ion: 56 Resp: 185

Ion Ratio Lower Upper

56 100

69 68.8 24.9 37.3#

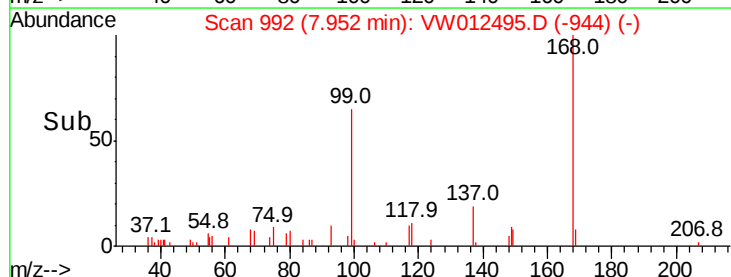
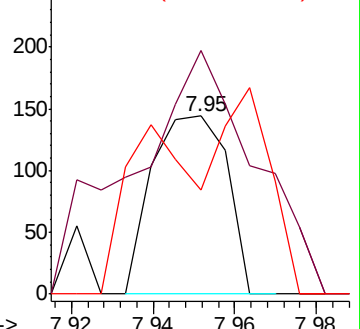
84 0.0 60.6 90.8#

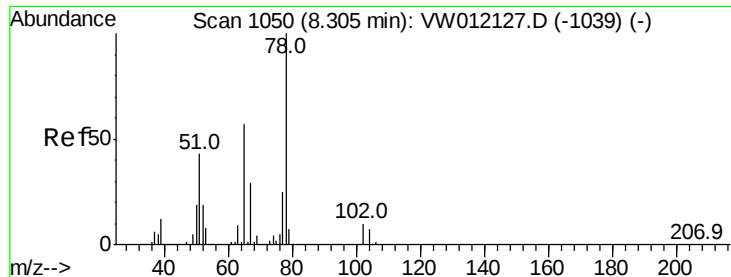


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW





#33

1,2-Dichloroethane-d4

Concen: 63.148 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW012495.D

Acq: 02 Sep 2019 13:36

Instrument :

MSVOA_W

ClientSampleId :

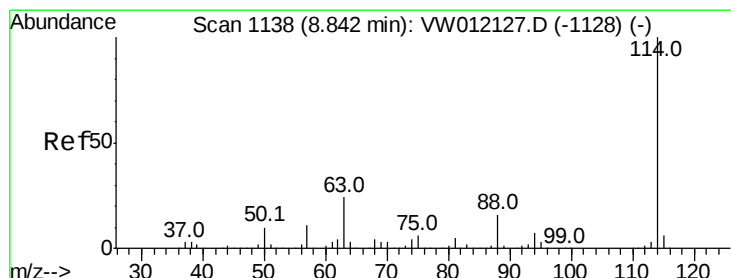
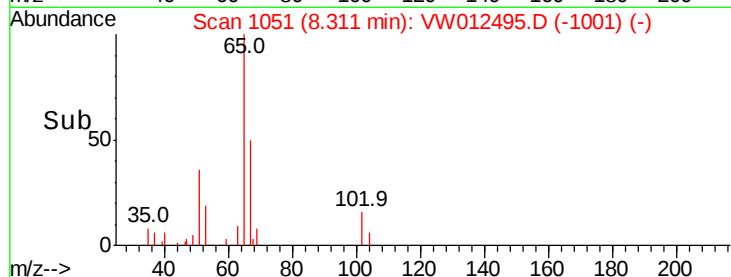
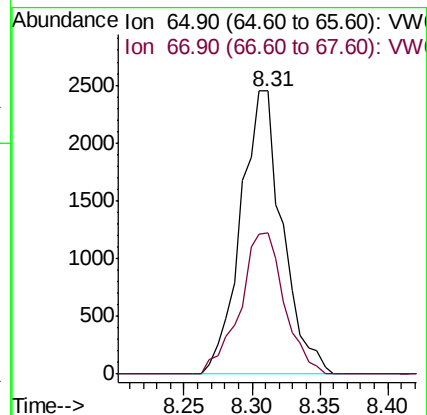
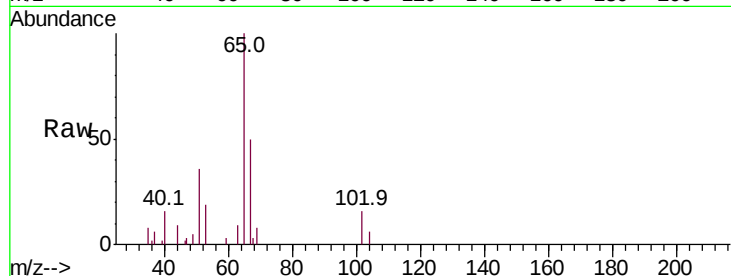
T9-12-13-Q3-(0)RE

Tot Ion: 65 Resp: 5266

Ion Ratio Lower Upper

65 100

67 52.7 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012495.D

Acq: 02 Sep 2019 13:36

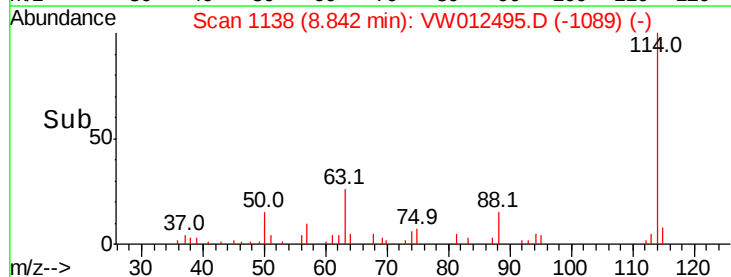
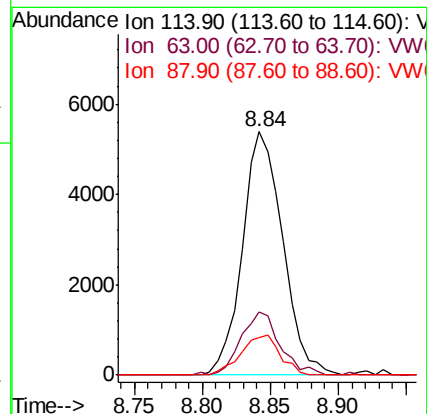
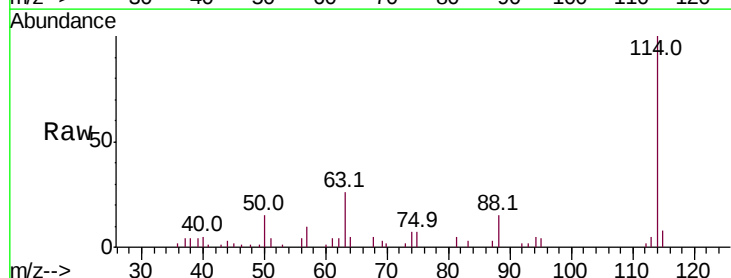
Tgt Ion: 114 Resp: 11193

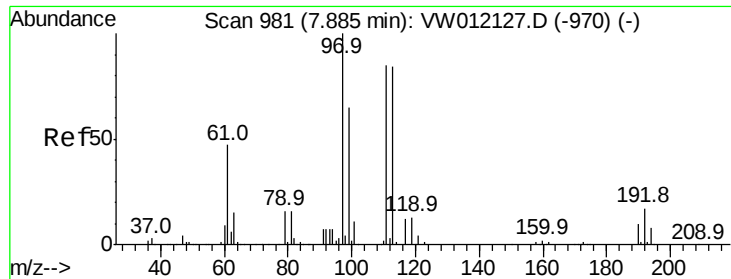
Ion Ratio Lower Upper

114 100

63 25.9 0.0 48.6

88 15.3 0.0 32.2





#35

Dibromofluoromethane

Concen: 60.095 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012495.D

Acq: 02 Sep 2019 13:36

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-Q3-(0)RE

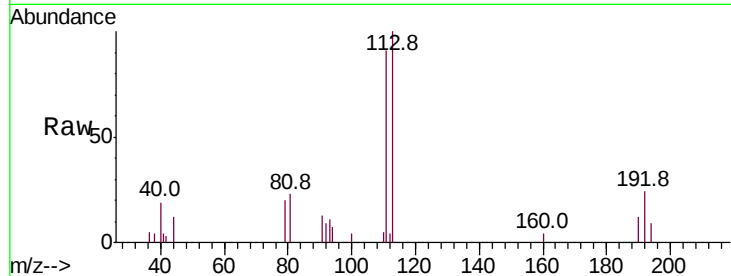
Tot Ion:113 Resp: 4015

Ion Ratio Lower Upper

113 100

111 102.8 82.7 124.1

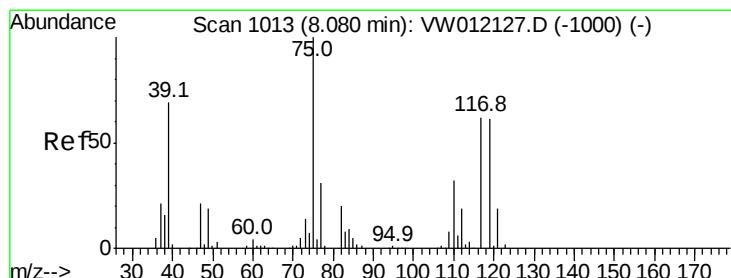
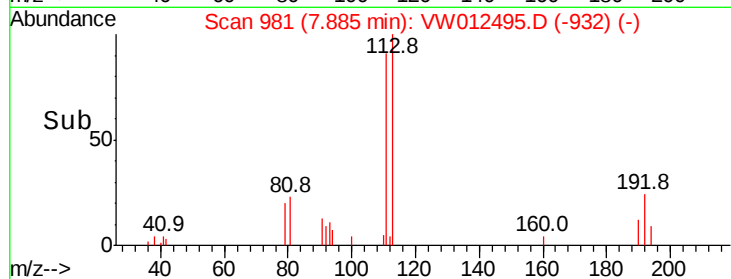
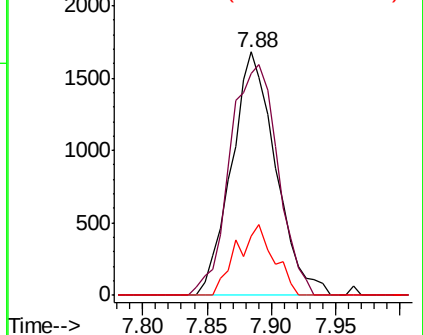
192 24.3 16.2 24.2#



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: 5.974 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW012495.D

Acq: 02 Sep 2019 13:36

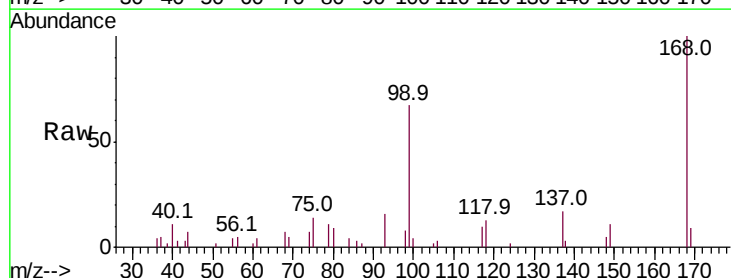
Tgt Ion: 75 Resp: 691

Ion Ratio Lower Upper

75 100

110 2.6 15.6 46.8#

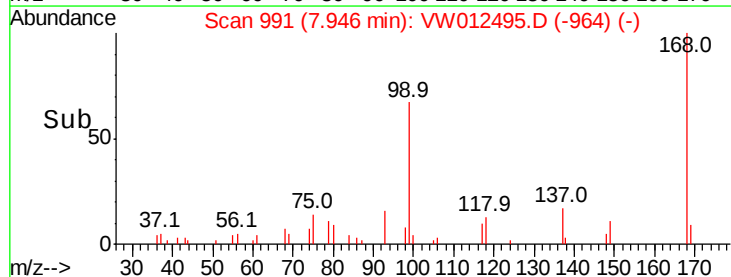
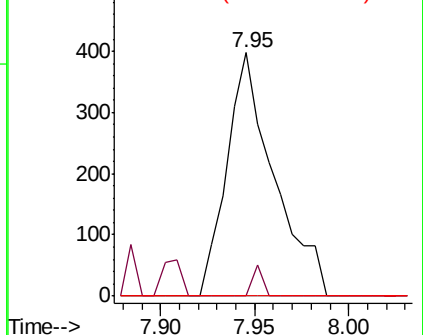
77 0.0 24.6 36.8#

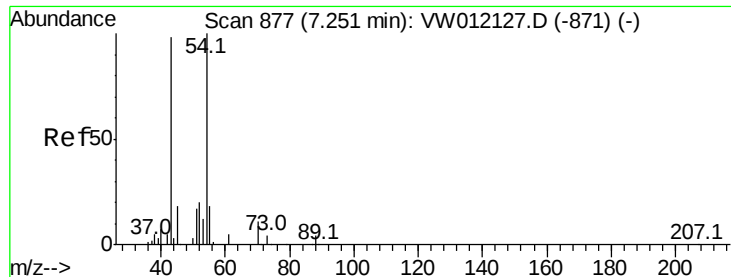


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

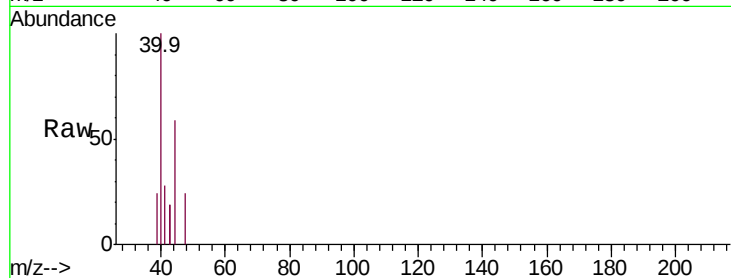




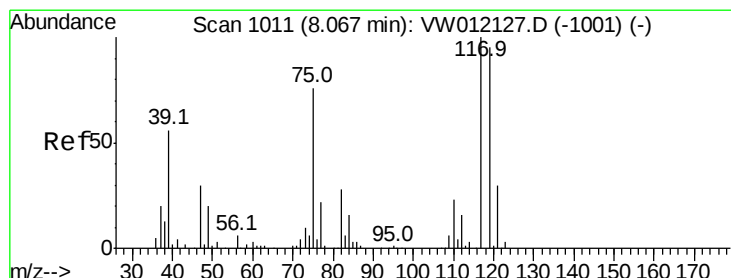
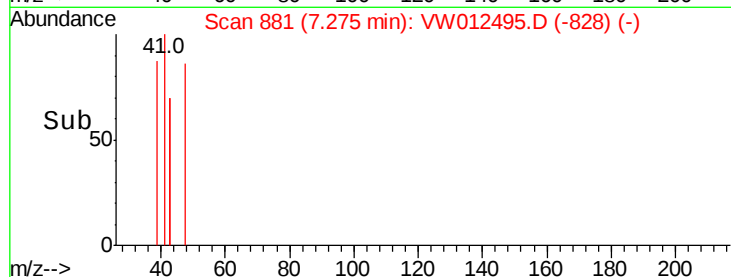
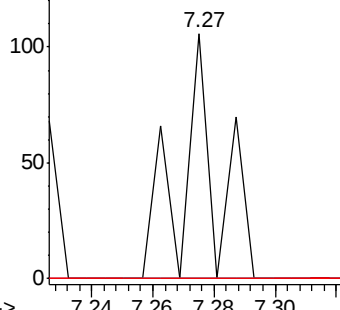
#37
Ethyl Acetate
Concen: 1.404 ug/l
RT: 7.27 min Scan# 881
Delta R.T. 0.02 min
Lab File: VW012495.D
Acq: 02 Sep 2019 13:36

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-Q3-(0)RE

Tot Ion: 43 Resp: 89
Ion Ratio Lower Upper
43 100
61 0.0 9.2 13.8#
70 0.0 6.9 10.3#

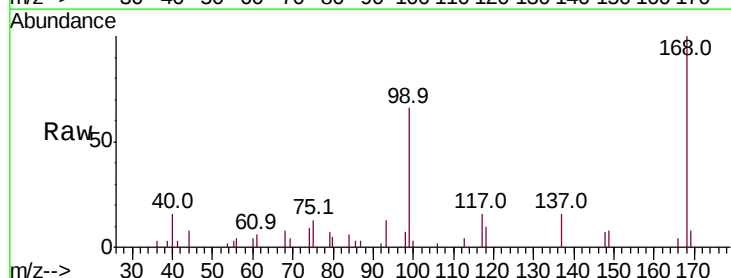


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

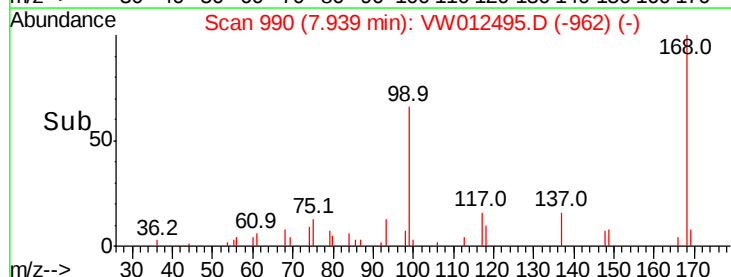
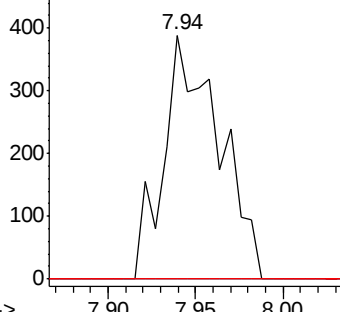


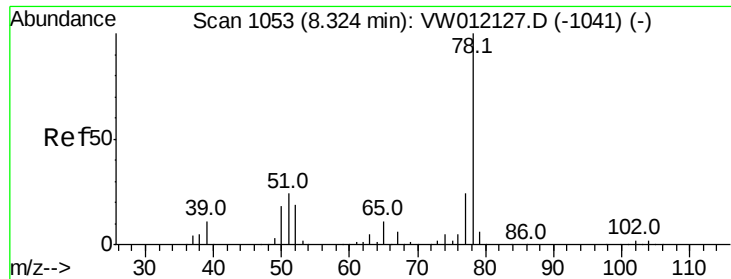
#38
Carbon Tetrachloride
Concen: 8.620 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW012495.D
Acq: 02 Sep 2019 13:36

Tgt Ion: 117 Resp: 863
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 23.8 35.8#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 1.007 ug/l

RT: 8.35 min Scan# 1057

Delta R.T. 0.02 min

Lab File: VW012495.D

Acq: 02 Sep 2019 13:36

Instrument :

MSVOA_W

ClientSampleId :

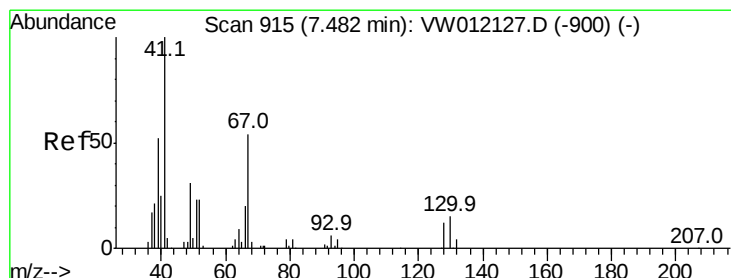
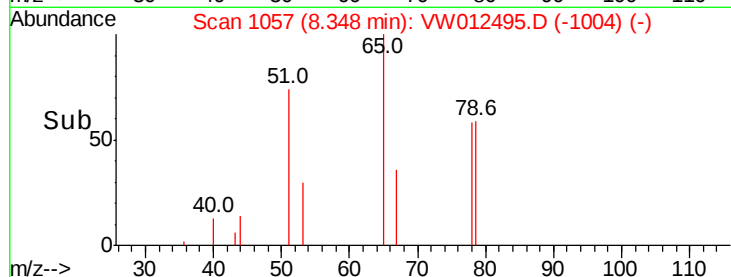
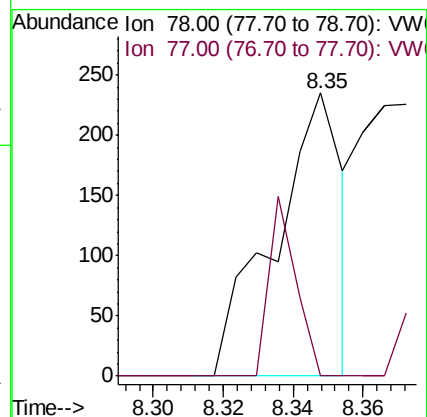
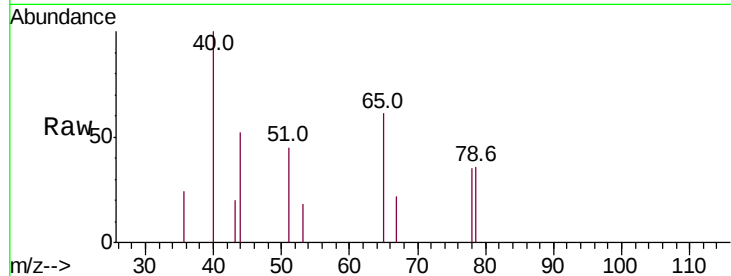
T9-12-13-Q3-(0)RE

Tot Ion: 78 Resp: 318

Ion Ratio Lower Upper

78 100

77 0.0 19.5 29.3#



#41

Methacrylonitrile

Concen: 3.946 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW012495.D

Acq: 02 Sep 2019 13:36

Tgt Ion: 41 Resp: 147

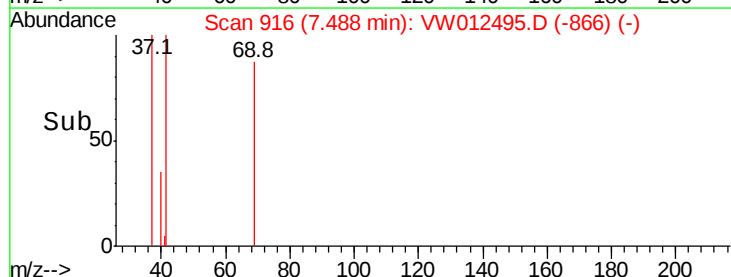
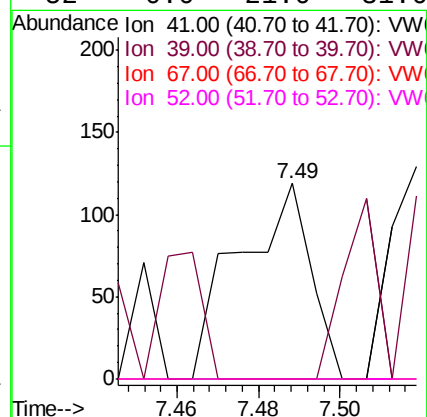
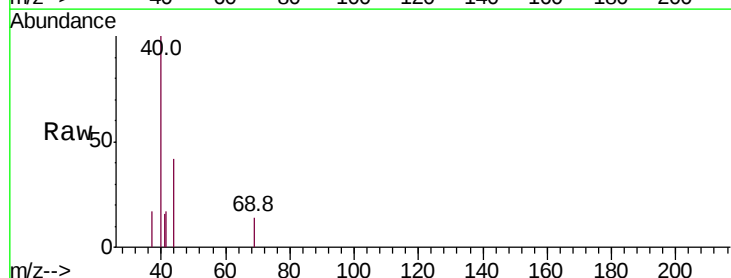
Ion Ratio Lower Upper

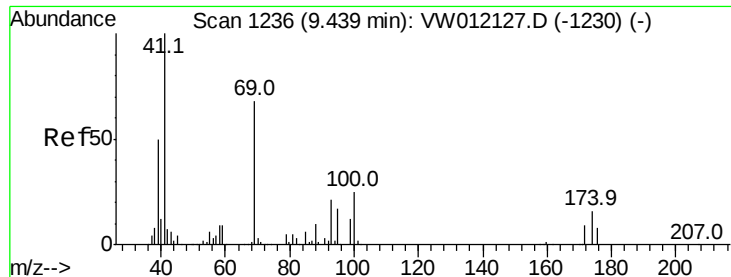
41 100

39 42.9 45.8 68.8#

67 0.0 46.2 69.4#

52 0.0 21.0 31.6#





#48

Methyl methacrylate

Concen: 1.271 ug/l

RT: 9.43 min Scan# 1234

Delta R.T. -0.01 min

Lab File: VW012495.D

Acq: 02 Sep 2019 13:36

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-Q3-(0)RE

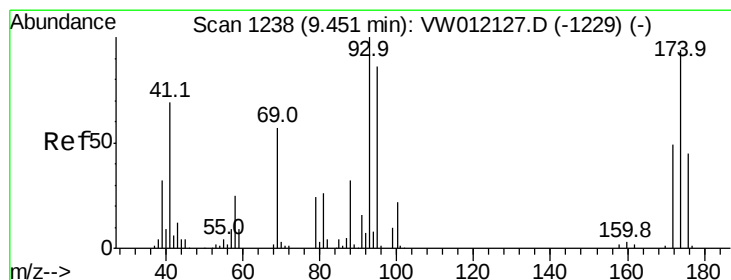
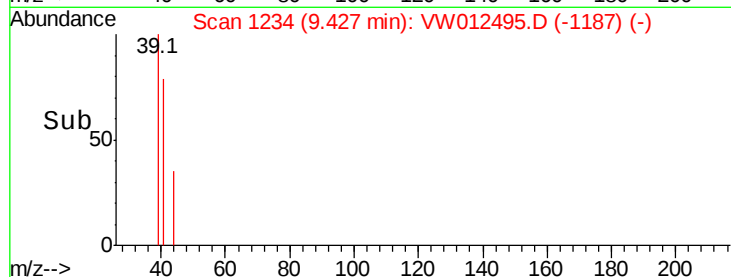
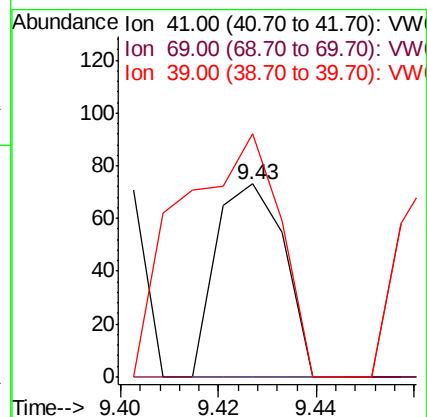
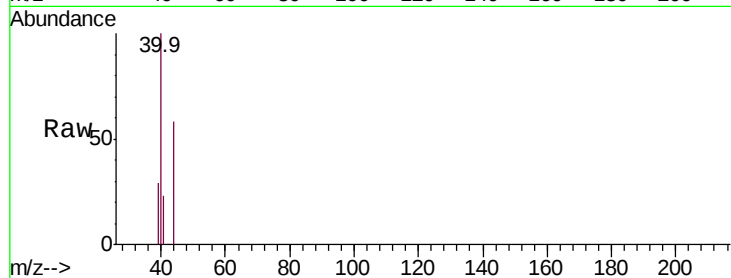
Tot Ion: 41 Resp: 71

Ion Ratio Lower Upper

41 100

69 0.0 56.7 85.1#

39 183.1 42.0 63.0#



#49

1,4-Dioxane

Concen: 44.907 ug/l

RT: 9.42 min Scan# 1233

Delta R.T. -0.03 min

Lab File: VW012495.D

Acq: 02 Sep 2019 13:36

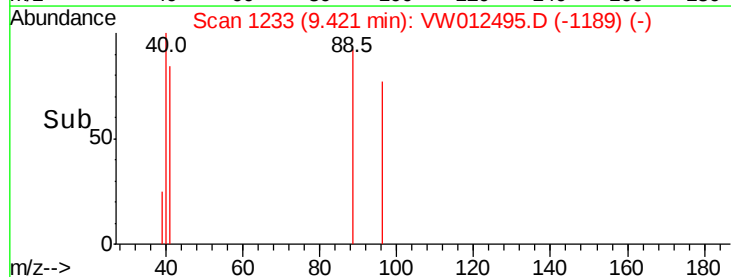
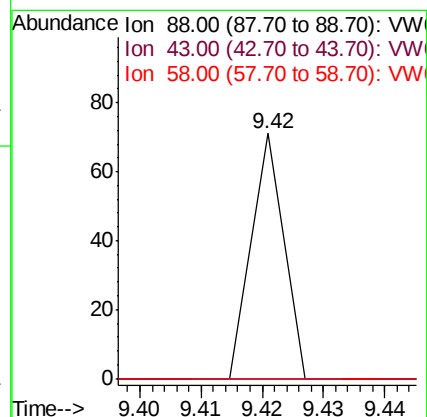
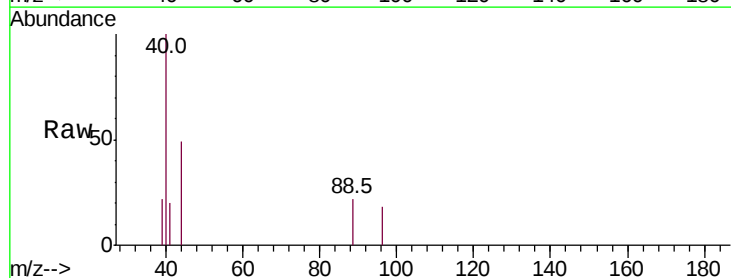
Tgt Ion: 88 Resp: 26

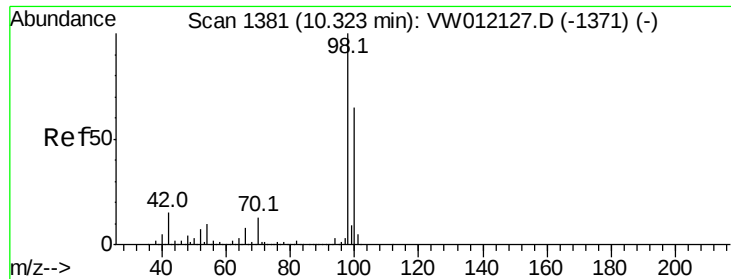
Ion Ratio Lower Upper

88 100

43 0.0 32.9 49.3#

58 0.0 71.0 106.4#





#50

Toluene-d8

Concen: 47.050 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012495.D

Acq: 02 Sep 2019 13:36

Instrument :

MSVOA_W

ClientSampleId :

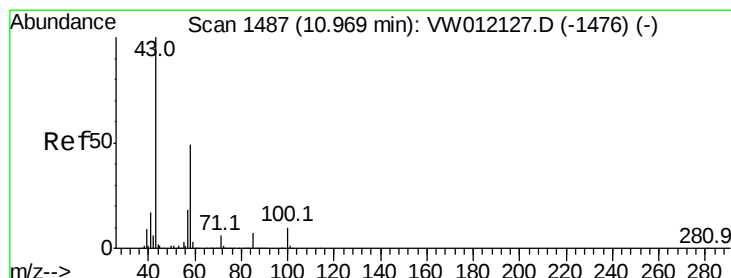
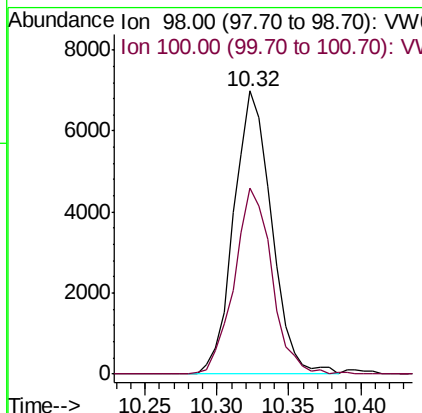
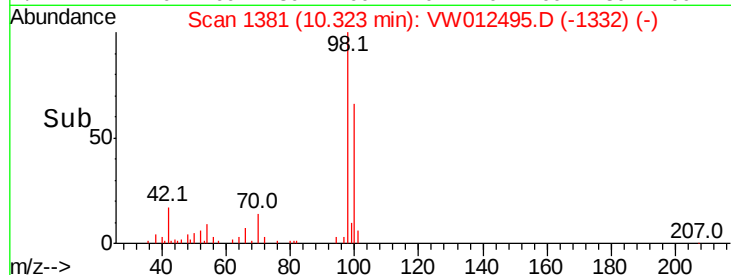
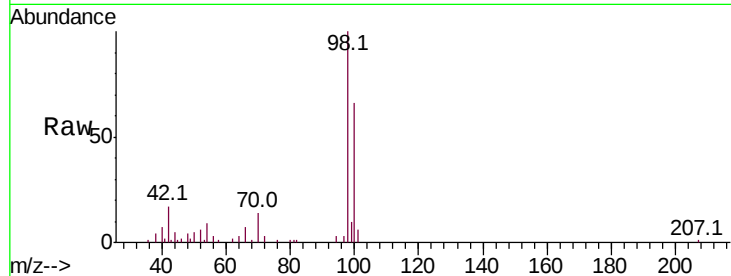
T9-12-13-Q3-(0)RE

Tot Ion: 98 Resp: 12746

Ion Ratio Lower Upper

98 100

100 65.4 52.4 78.6



#59

2-Hexanone

Concen: 1.231 ug/l

RT: 10.85 min Scan# 1467

Delta R.T. -0.12 min

Lab File: VW012495.D

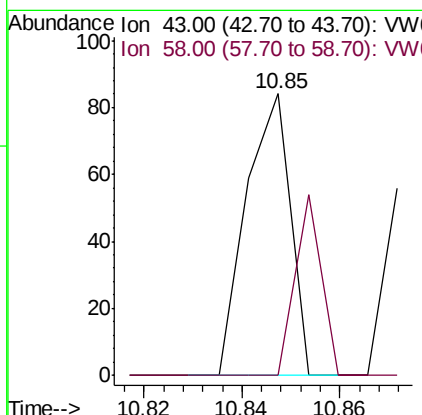
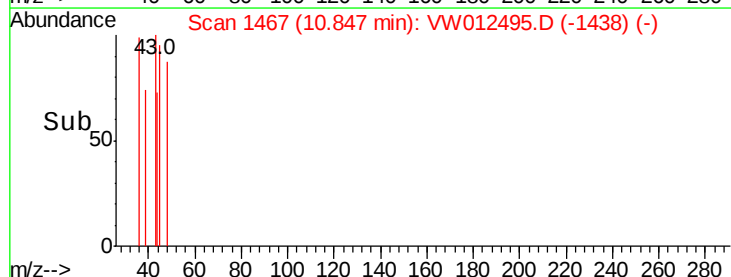
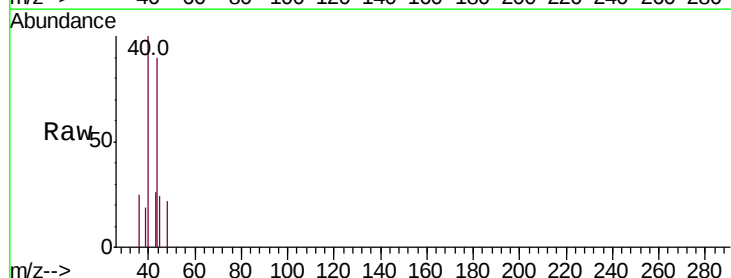
Acq: 02 Sep 2019 13:36

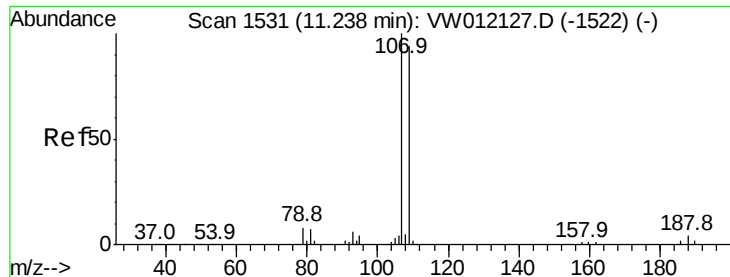
Tgt Ion: 43 Resp: 52

Ion Ratio Lower Upper

43 100

58 38.5 24.3 72.9





#61

1,2-Dibromoethane

Concen: 1.023 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW012495.D

Acq: 02 Sep 2019 13:36

Instrument :

MSVOA_W

ClientSampleId :

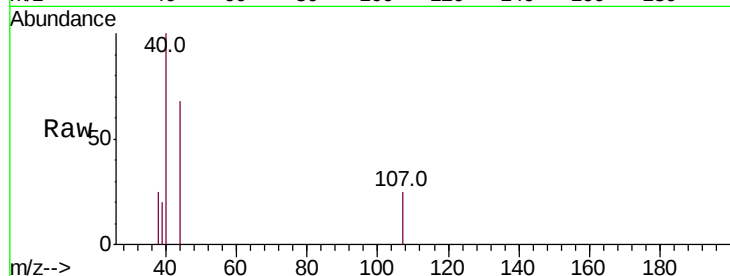
T9-12-13-Q3-(0)RE

Tot Ion:107 Resp: 51

Ion Ratio Lower Upper

107 100

109 0.0 75.4 113.2#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

80

60

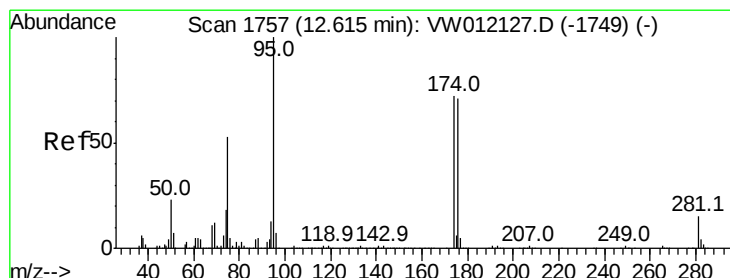
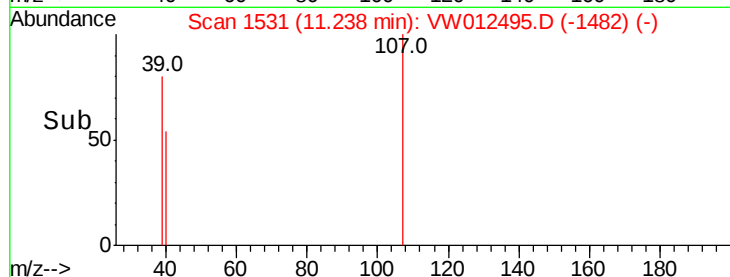
40

20

0

11.22 11.24

Time-->



#62

4-Bromofluorobenzene

Concen: 24.903 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012495.D

Acq: 02 Sep 2019 13:36

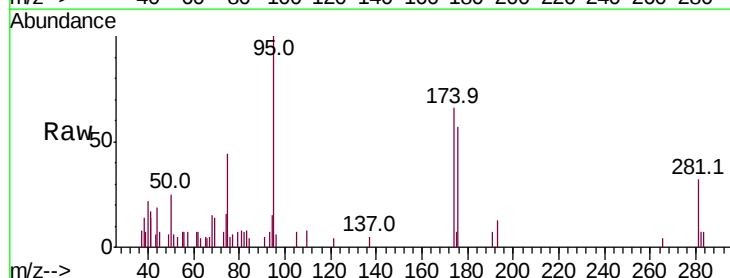
Tgt Ion: 95 Resp: 2378

Ion Ratio Lower Upper

95 100

174 63.0 0.0 150.8

176 56.0 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

1500

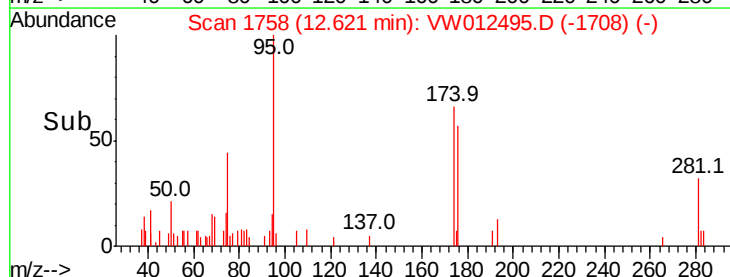
1000

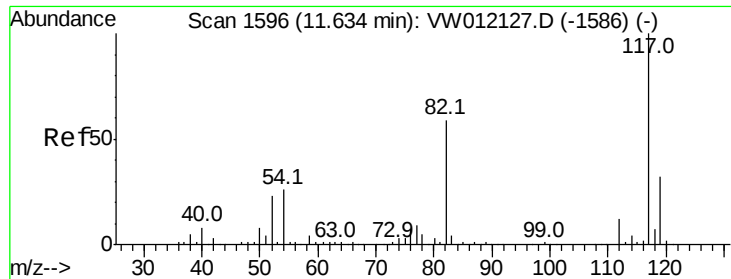
500

0

12.55 12.60 12.65 12.70

Time-->

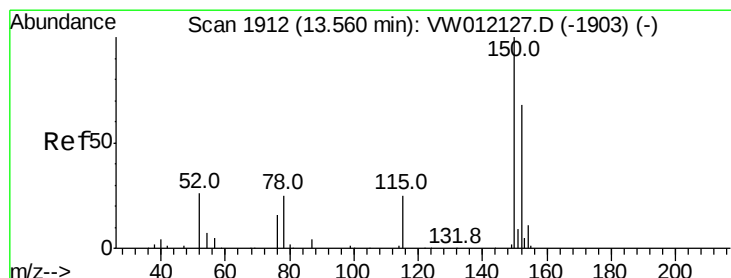
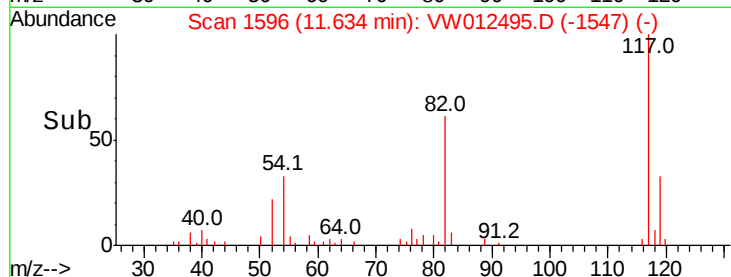
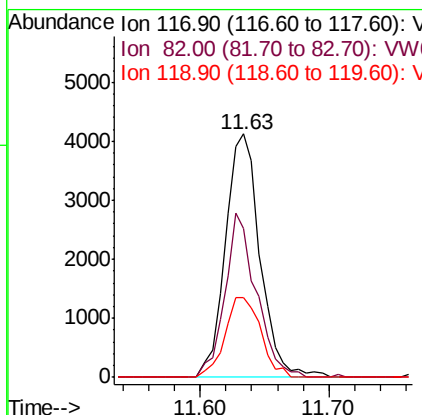
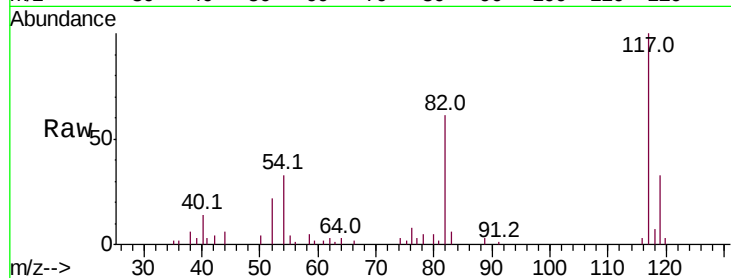




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012495.D
Acq: 02 Sep 2019 13:36

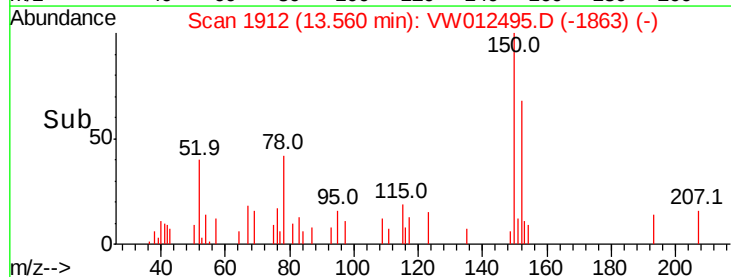
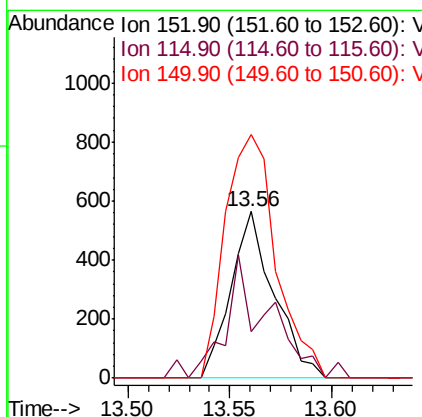
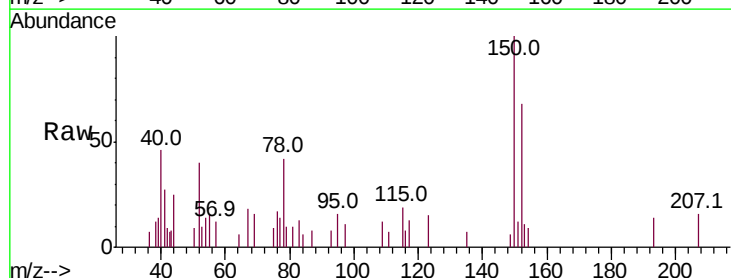
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-Q3-(0)RE

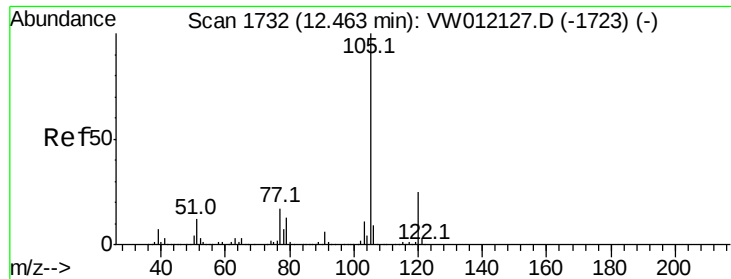
Tot Ion:117 Resp: 7742
Ion Ratio Lower Upper
117 100
82 61.3 47.4 71.2
119 32.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012495.D
Acq: 02 Sep 2019 13:36

Tgt Ion:152 Resp: 825
Ion Ratio Lower Upper
152 100
115 76.2 30.1 90.3
150 173.2 0.0 345.8





#73

Isopropylbenzene

Concen: 2.718 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012495.D

Acq: 02 Sep 2019 13:36

Instrument :

MSVOA_W

ClientSampleId :

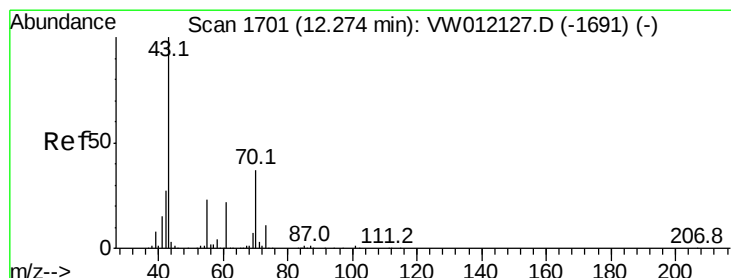
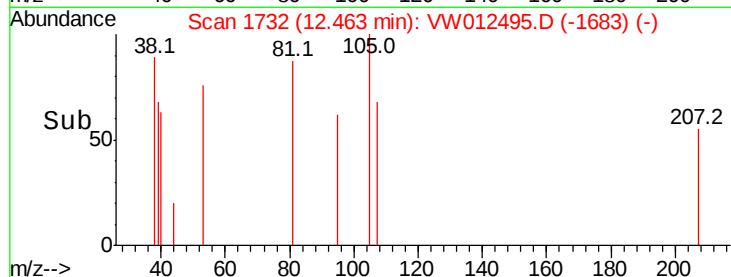
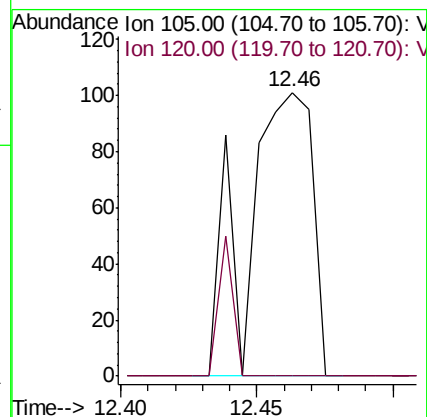
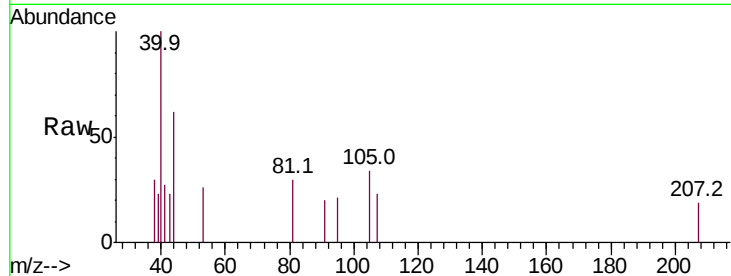
T9-12-13-Q3-(0)RE

Tot Ion:105 Resp: 168

Ion Ratio Lower Upper

105 100

120 0.0 12.5 37.5#



#74

N-ethyl acetate

Concen: 2.945 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012495.D

Acq: 02 Sep 2019 13:36

Tgt Ion: 43 Resp: 55

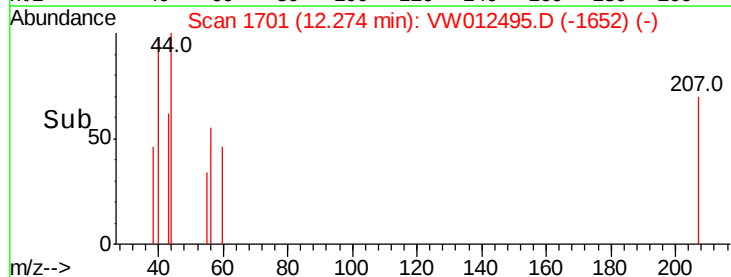
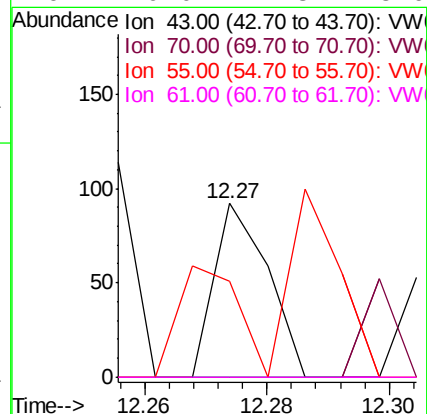
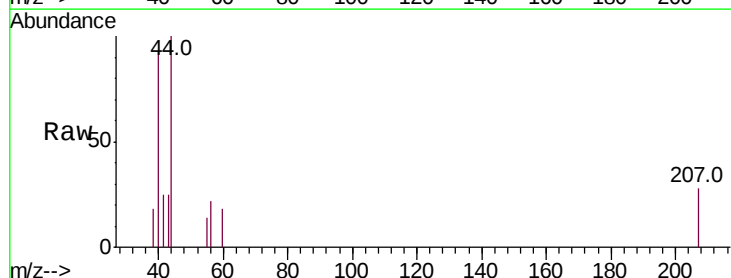
Ion Ratio Lower Upper

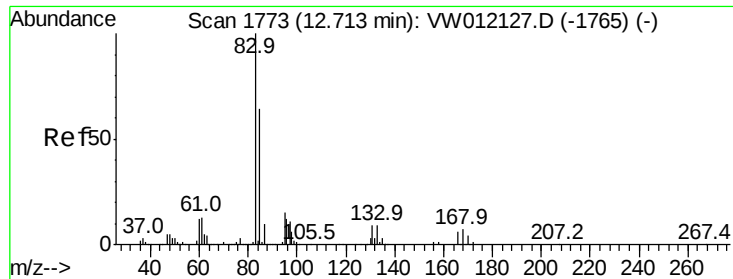
43 100

70 0.0 28.6 43.0#

55 72.7 17.8 26.6#

61 0.0 17.3 25.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 15.794 ug/l

RT: 12.71 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VW012495.D

Acq: 02 Sep 2019 13:36

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-Q3-(0)RE

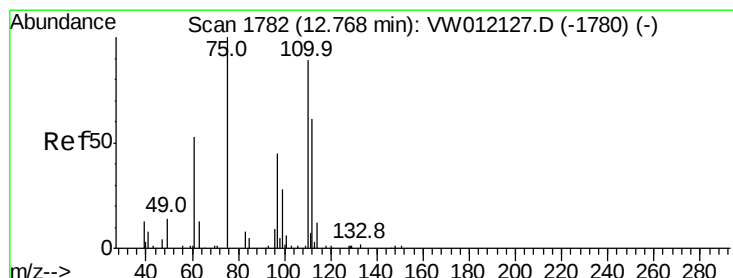
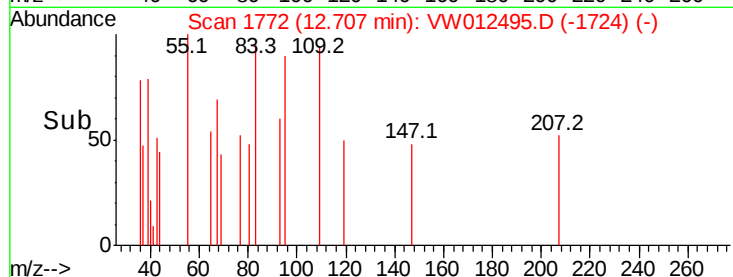
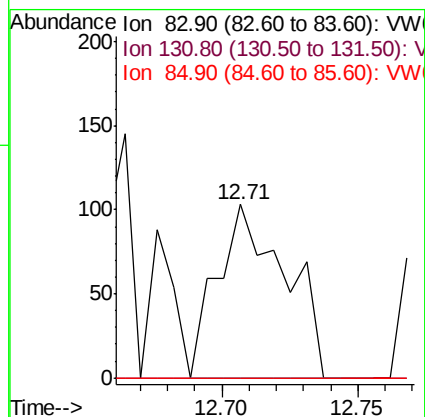
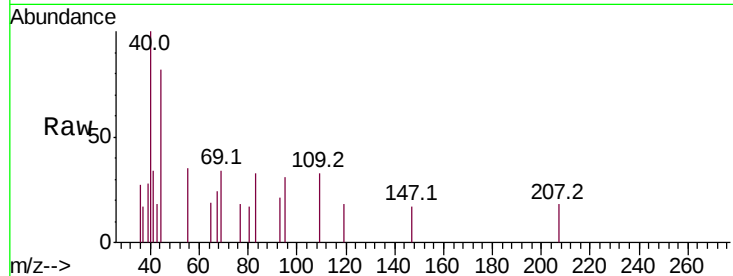
Tot Ion: 83 Resp: 179

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

85 0.0 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 114.376 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW012495.D

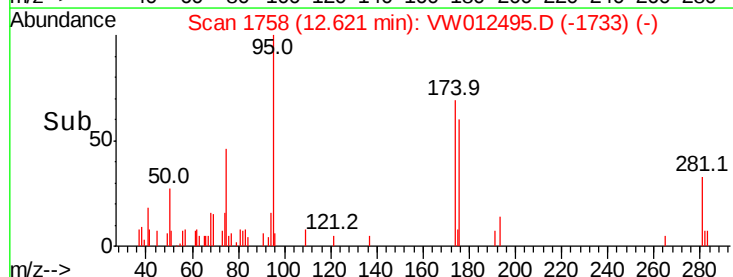
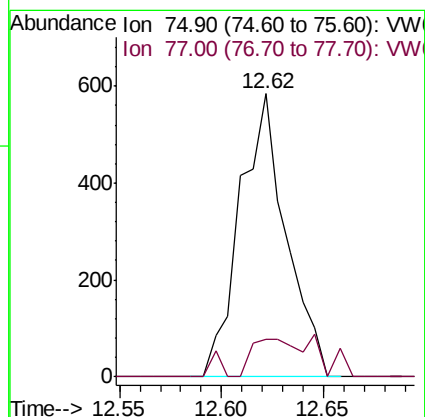
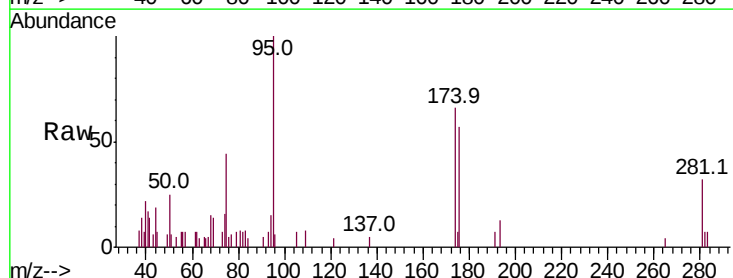
Acq: 02 Sep 2019 13:36

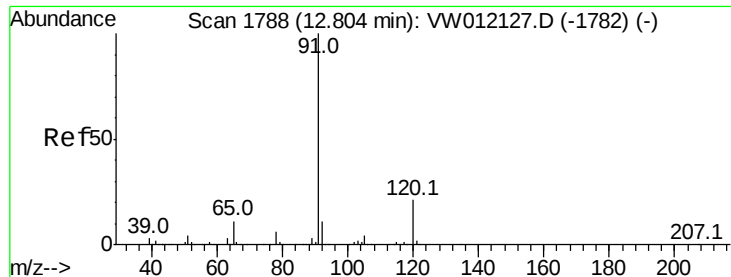
Tgt Ion: 75 Resp: 919

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#78

n-propylbenzene

Concen: 3.087 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW012495.D

Acq: 02 Sep 2019 13:36

Instrument :

MSVOA_W

ClientSampleId :

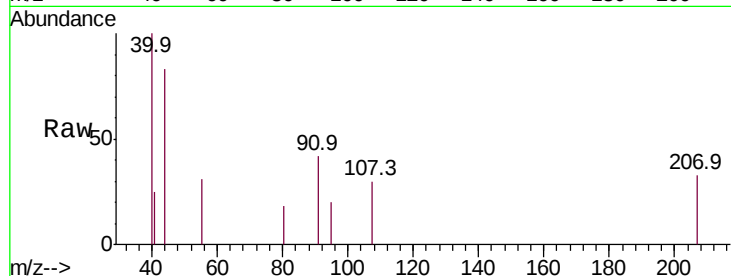
T9-12-13-Q3-(0)RE

Tot Ion: 91 Resp: 233

Ion Ratio Lower Upper

91 100

120 0.0 10.5 31.6#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

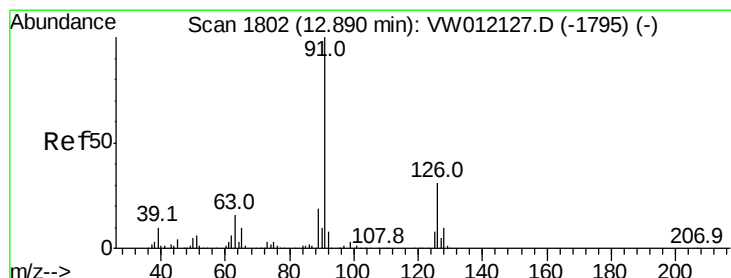
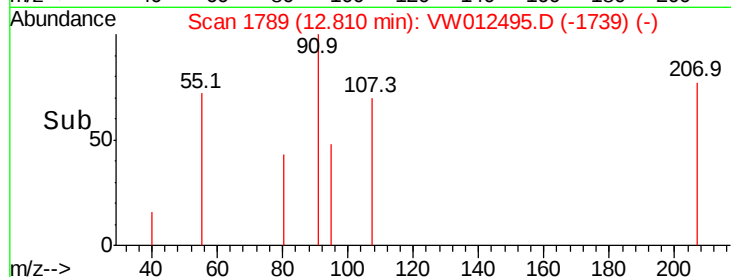
12.81

100

50

0

Time--> 12.75 12.80



#79

2-Chlorotoluene

Concen: 4.598 ug/l

RT: 12.88 min Scan# 1801

Delta R.T. -0.01 min

Lab File: VW012495.D

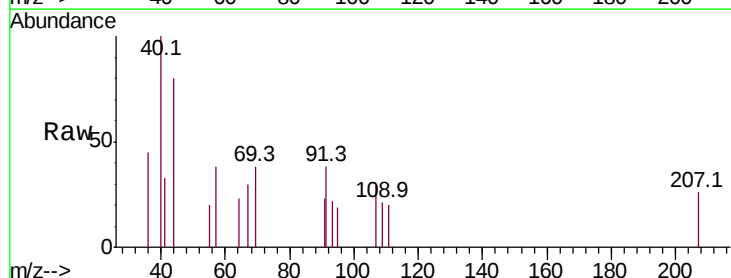
Acq: 02 Sep 2019 13:36

Tgt Ion: 91 Resp: 197

Ion Ratio Lower Upper

91 100

126 0.0 15.7 47.0#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

12.88

200

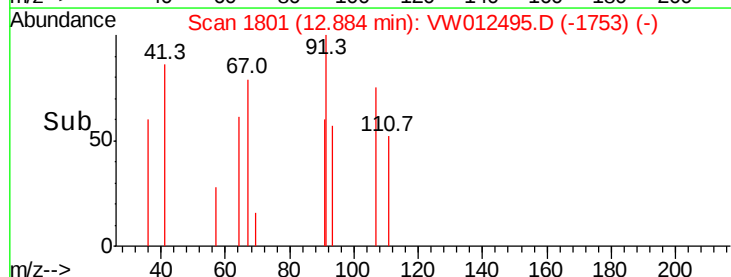
150

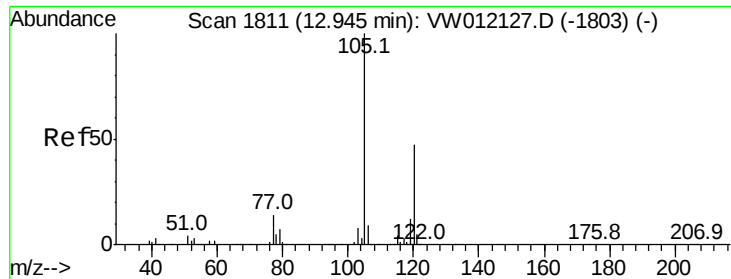
100

50

0

Time--> 12.86 12.88 12.90 12.92

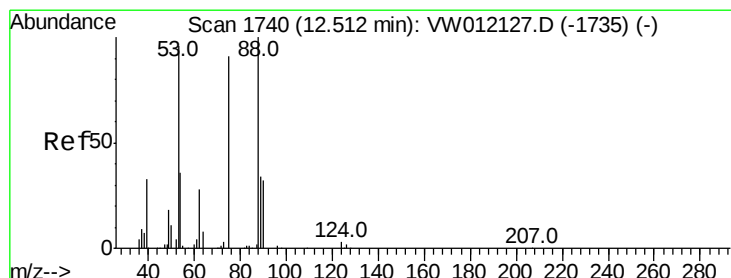
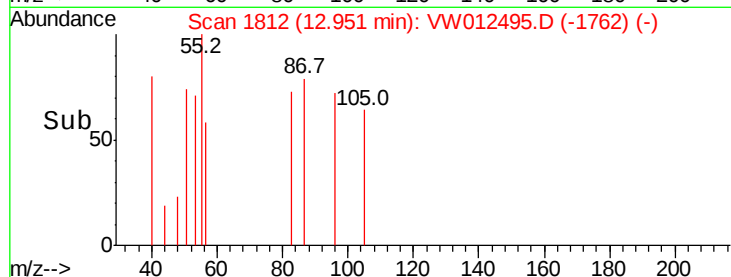
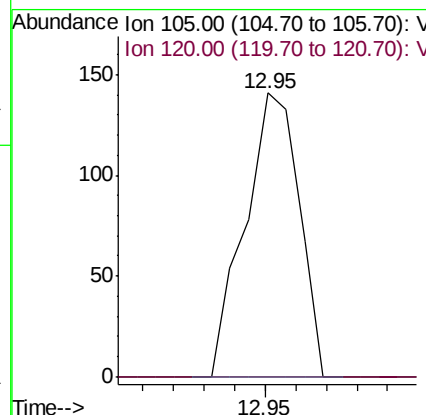
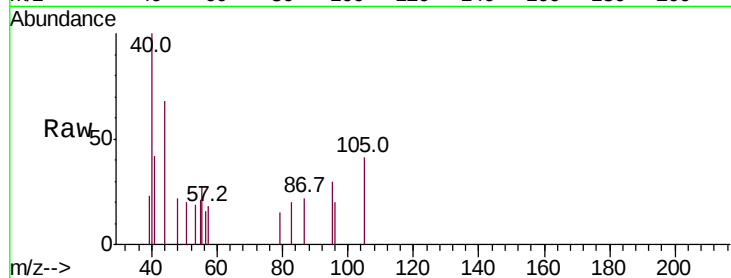




#80
 1,3,5-Trimethylbenzene
 Concen: 3.349 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW012495.D
 Acq: 02 Sep 2019 13:36

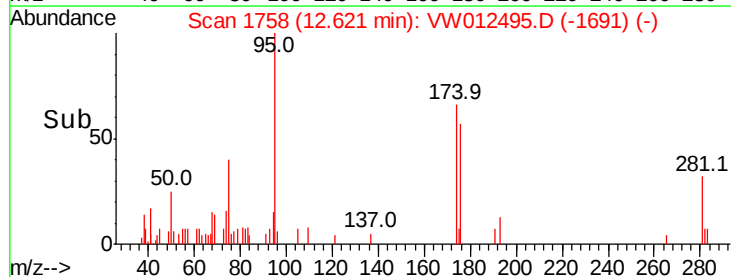
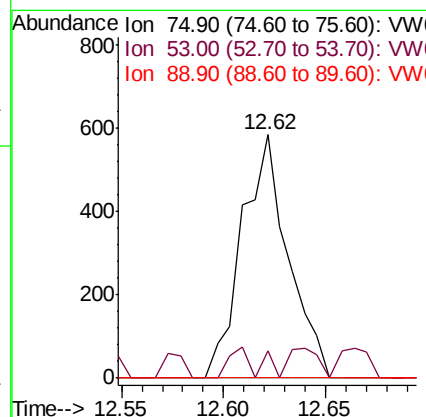
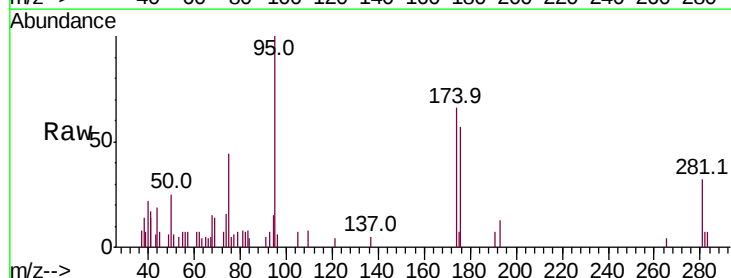
Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-Q3-(0)RE

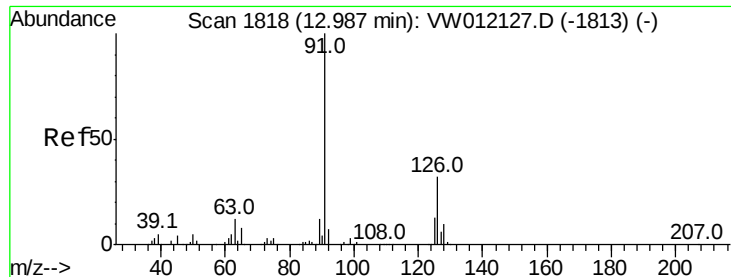
Tot Ion:105 Resp: 173
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.0 72.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 250.773 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW012495.D
 Acq: 02 Sep 2019 13:36

Tgt Ion: 75 Resp: 919
 Ion Ratio Lower Upper
 75 100
 53 5.1 89.4 134.0#
 89 0.0 34.5 51.7#

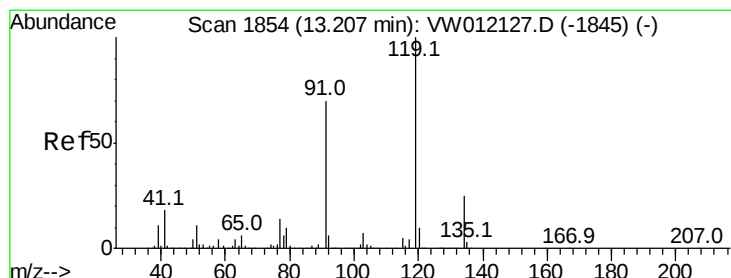
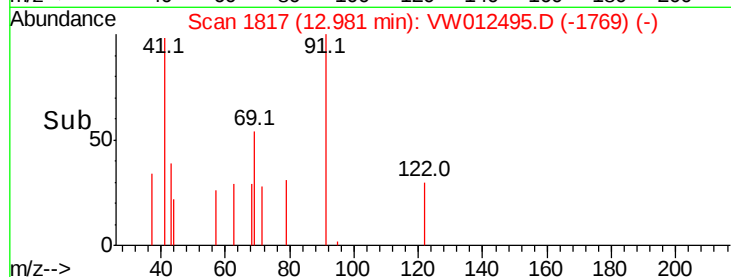
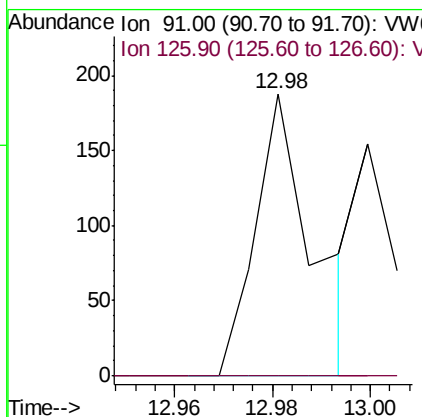
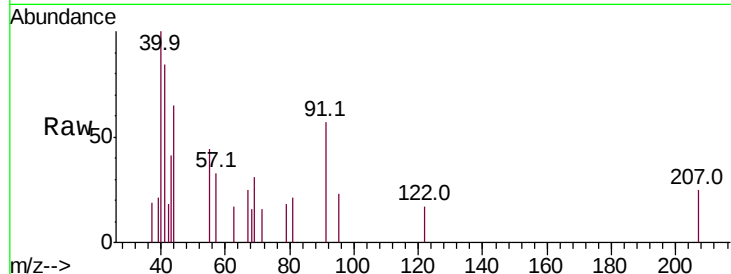




#82
4-Chlorotoluene
Concen: 3.366 ug/l
RT: 12.98 min Scan# 1817
Delta R.T. -0.01 min
Lab File: VW012495.D
Acq: 02 Sep 2019 13:36

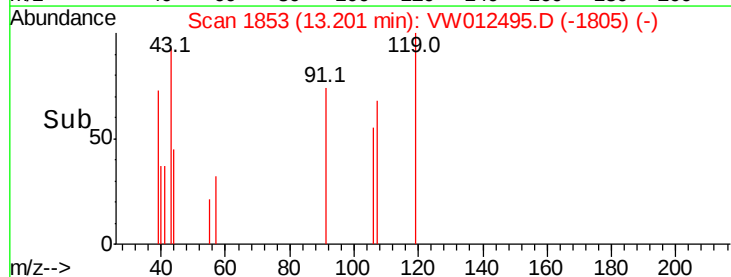
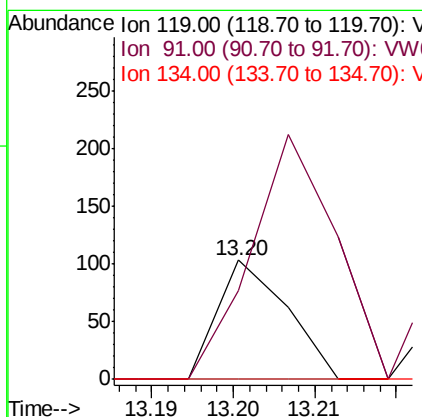
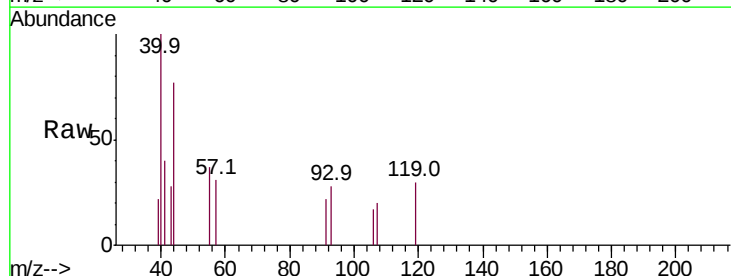
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-Q3-(0)RE

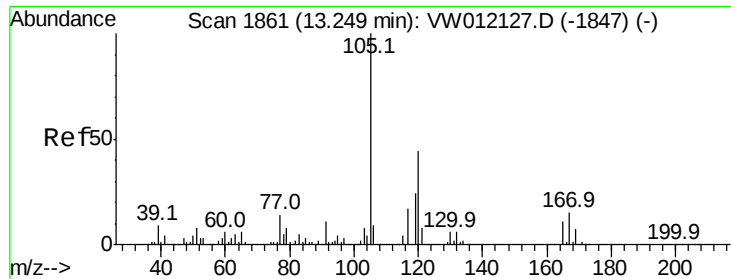
Tot Ion: 91 Resp: 151
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.8#



#83
tert-Butylbenzene
Concen: 1.371 ug/l
RT: 13.20 min Scan# 1853
Delta R.T. -0.01 min
Lab File: VW012495.D
Acq: 02 Sep 2019 13:36

Tgt Ion: 119 Resp: 60
Ion Ratio Lower Upper
119 100
91 250.0 34.8 104.3#
134 0.0 13.3 39.8#

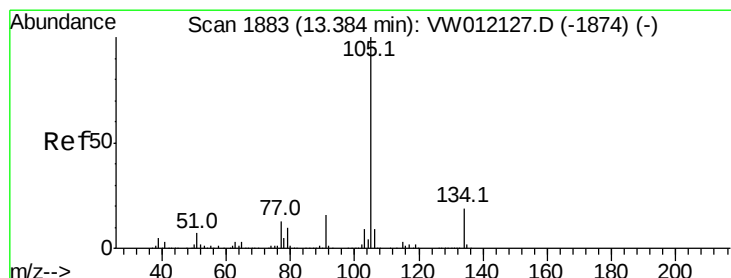
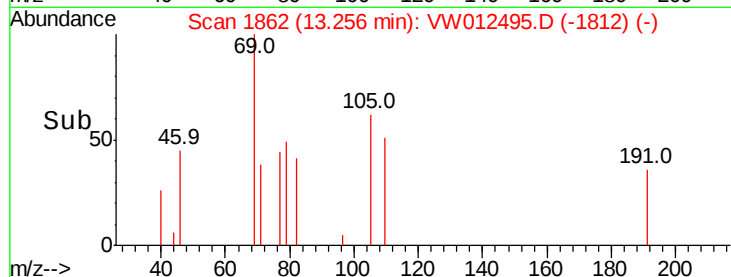
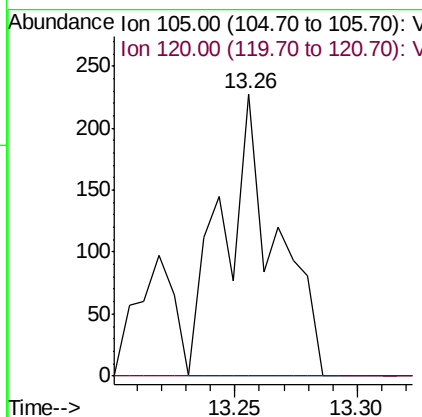
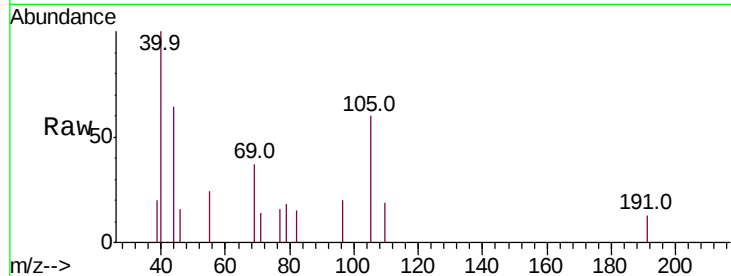




#84
 1,2,4-Trimethylbenzene
 Concen: 6.630 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VW012495.D
 Acq: 02 Sep 2019 13:36

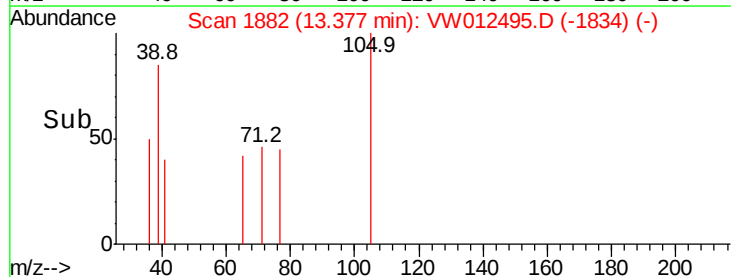
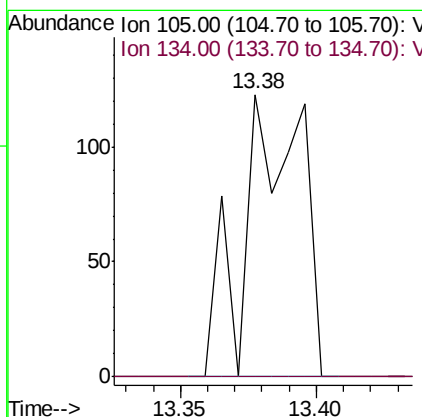
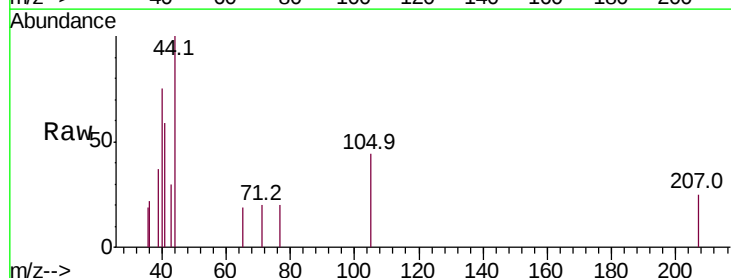
Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-Q3-(0)RE

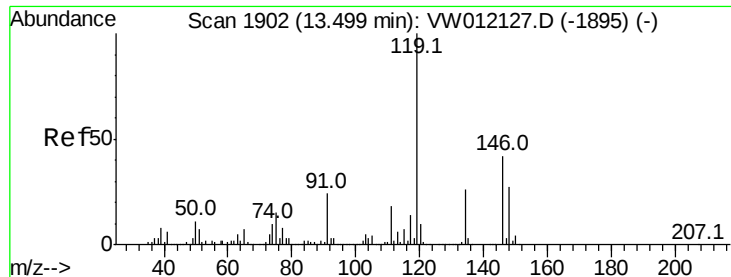
Tot Ion:105 Resp: 344
 Ion Ratio Lower Upper
 105 100
 120 0.0 21.9 65.7#



#85
 sec-Butylbenzene
 Concen: 2.919 ug/l
 RT: 13.38 min Scan# 1882
 Delta R.T. -0.01 min
 Lab File: VW012495.D
 Acq: 02 Sep 2019 13:36

Tgt Ion:105 Resp: 183
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#

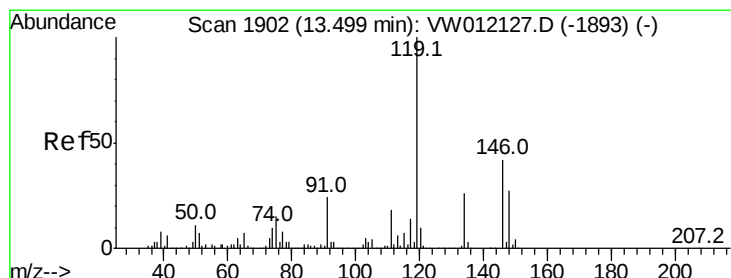
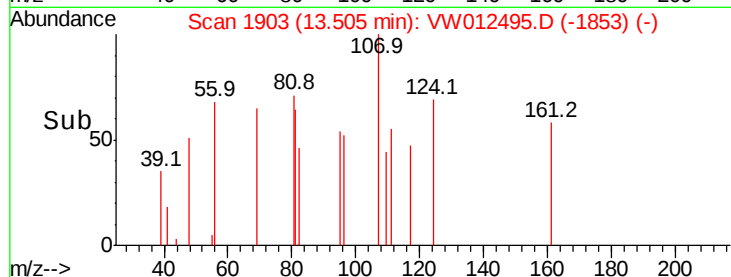
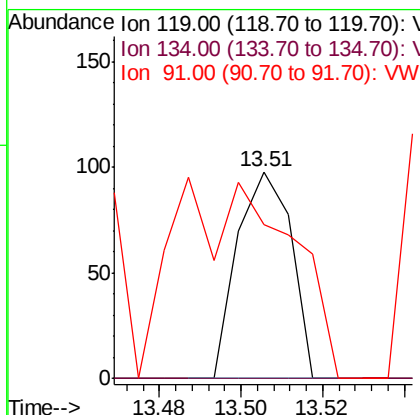
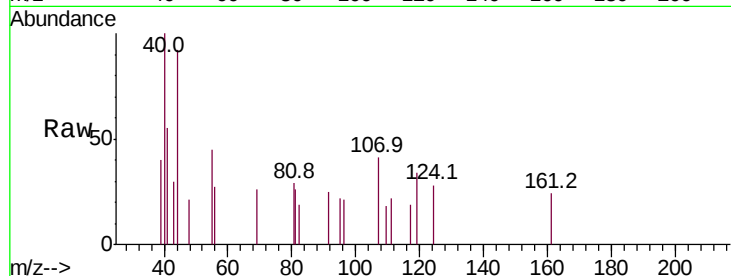




#86
 p-Isopropyltoluene
 Concen: 1.608 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW012495.D
 Acq: 02 Sep 2019 13:36

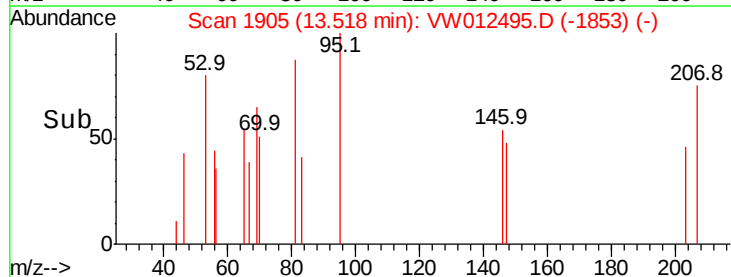
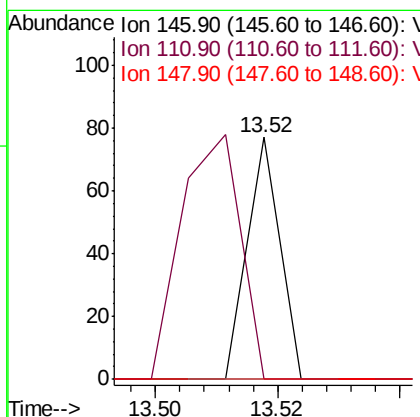
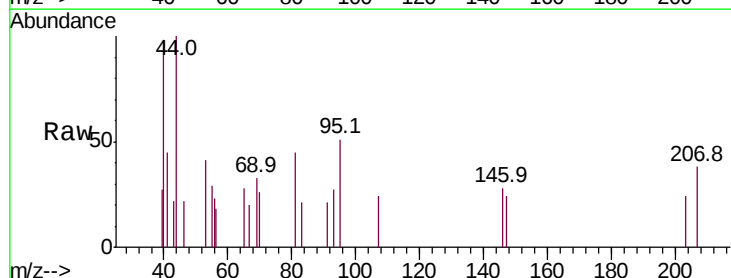
Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-Q3-(0)RE

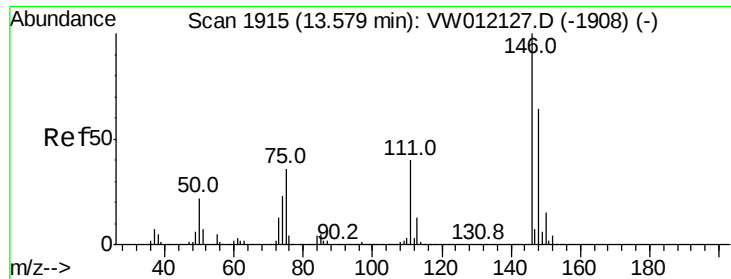
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.8	38.3#
91	86.7	12.3	36.9#



#87
 1,3-Dichlorobenzene
 Concen: 1.070 ug/l
 RT: 13.52 min Scan# 1905
 Delta R.T. 0.02 min
 Lab File: VW012495.D
 Acq: 02 Sep 2019 13:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	185.7	20.9	62.7#
148	0.0	32.2	96.6#

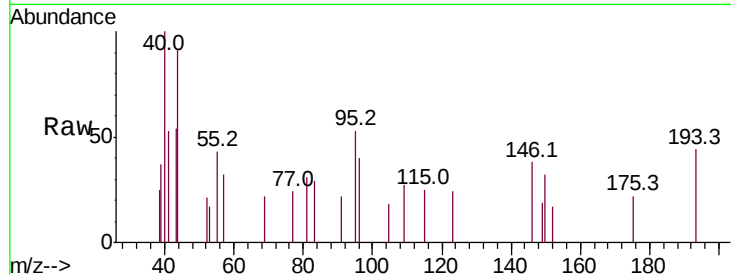




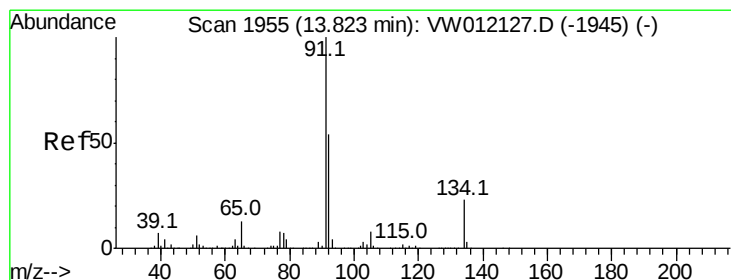
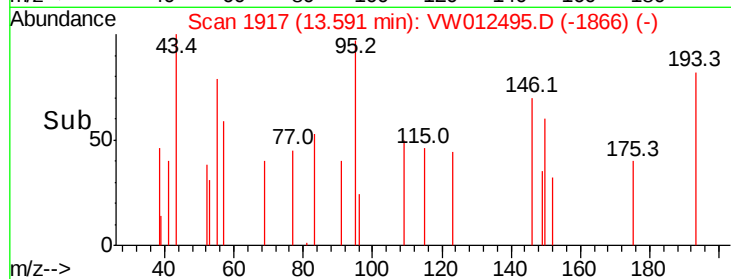
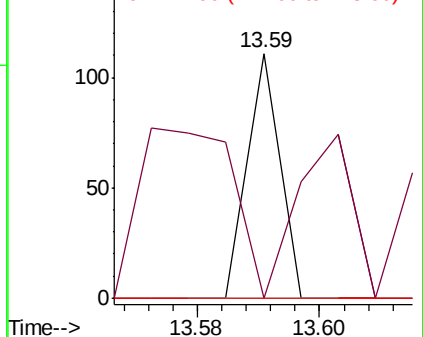
#88
 1,4-Dichlorobenzene
 Concen: 1.579 ug/l
 RT: 13.59 min Scan# 1917
 Delta R.T. 0.01 min
 Lab File: VW012495.D
 Acq: 02 Sep 2019 13:36

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-Q3-(0)RE

Tot Ion:146 Resp: 41
 Ion Ratio Lower Upper
 146 100
 111 163.4 20.0 60.0#
 148 0.0 32.1 96.3#

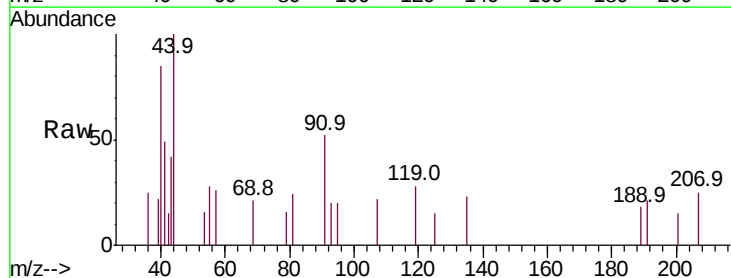


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

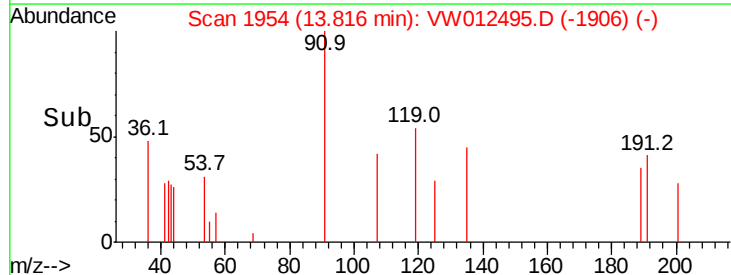
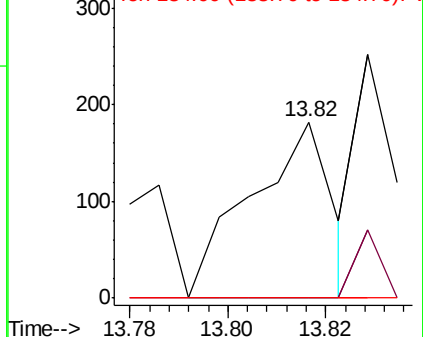


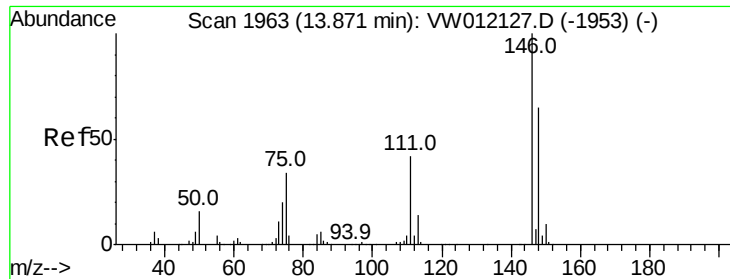
#89
 n-Butylbenzene
 Concen: 3.736 ug/l
 RT: 13.82 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: VW012495.D
 Acq: 02 Sep 2019 13:36

Tgt Ion: 91 Resp: 208
 Ion Ratio Lower Upper
 91 100
 92 12.5 27.1 81.2#
 134 0.0 12.2 36.4#



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

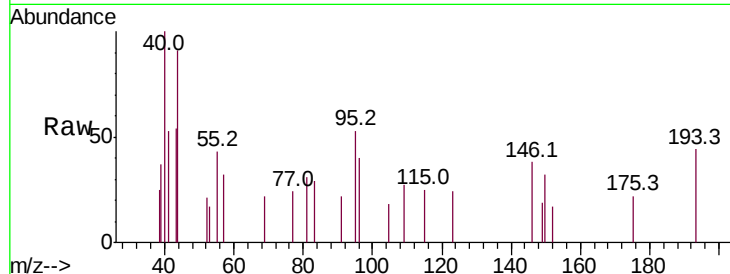




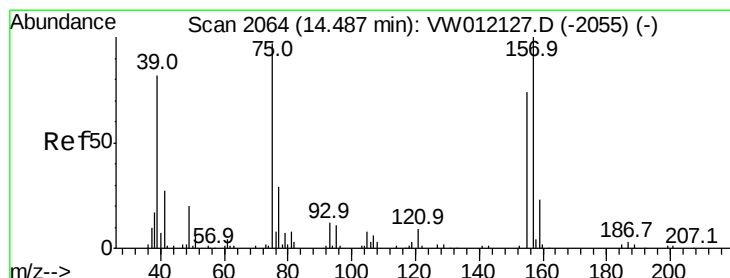
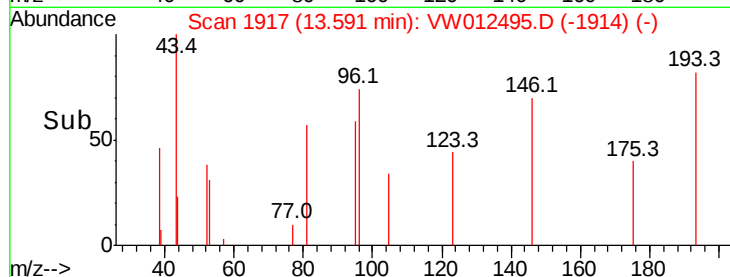
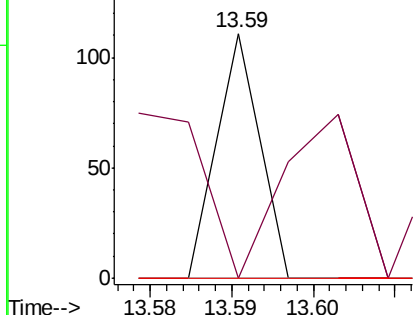
#91
 1,2-Dichlorobenzene
 Concen: 1.787 ug/l
 RT: 13.59 min Scan# 1917
 Delta R.T. -0.28 min
 Lab File: VW012495.D
 Acq: 02 Sep 2019 13:36

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-Q3-(0)RE

Tot Ion:146 Resp: 41
 Ion Ratio Lower Upper
 146 100
 111 163.4 21.2 63.6#
 148 0.0 32.5 97.4#

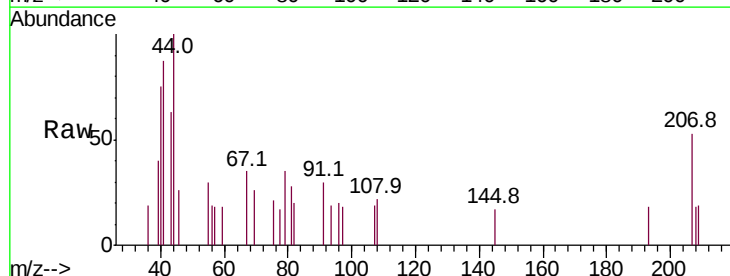


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

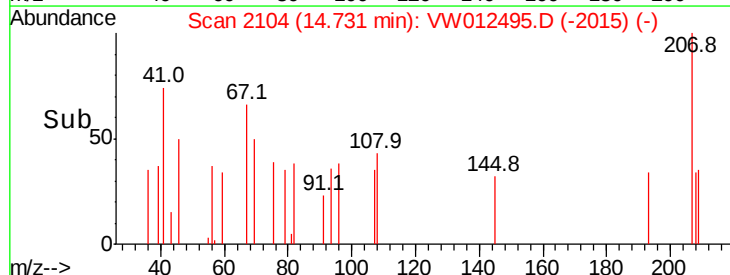
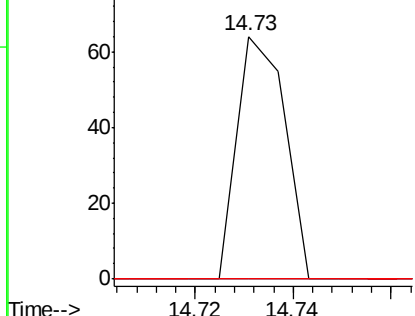


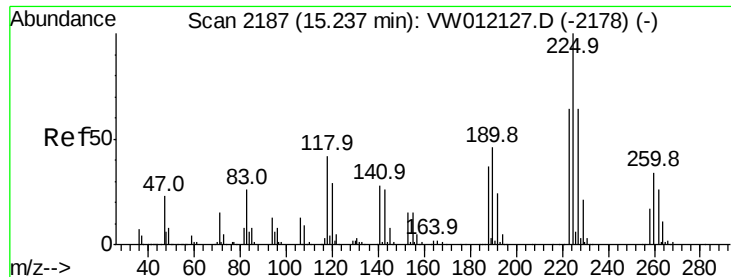
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.030 ug/l
 RT: 14.73 min Scan# 2104
 Delta R.T. 0.24 min
 Lab File: VW012495.D
 Acq: 02 Sep 2019 13:36

Tgt Ion: 75 Resp: 44
 Ion Ratio Lower Upper
 75 100
 155 0.0 37.5 112.3#
 157 0.0 50.5 151.5#



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





#94

Hexachlorobutadiene

Concen: 5.539 ug/l

RT: 15.23 min Scan# 2186

Delta R.T. -0.01 min

Lab File: VW012495.D

Acq: 02 Sep 2019 13:36

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-Q3-(0)RE

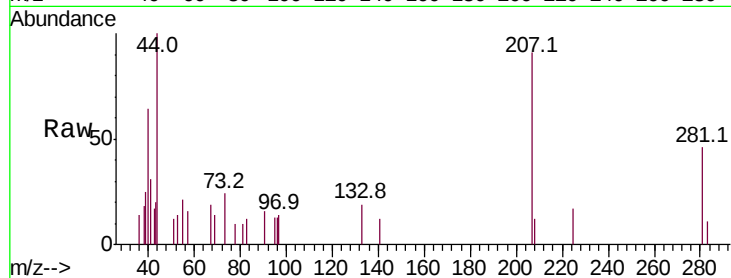
Tot Ion:225 Resp: 58

Ion Ratio Lower Upper

225 100

223 0.0 32.3 96.8#

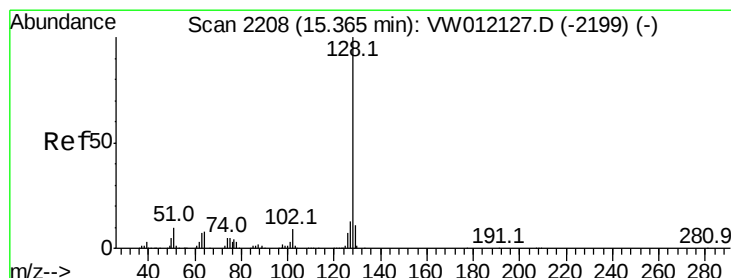
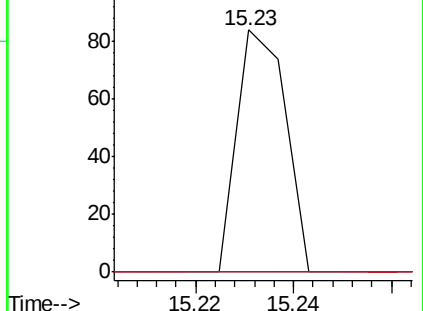
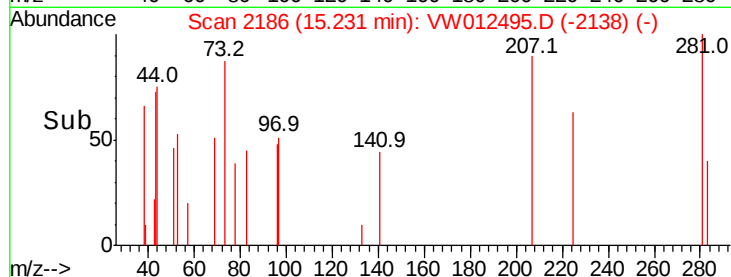
227 0.0 32.9 98.6#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 11.514 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW012495.D

Acq: 02 Sep 2019 13:36

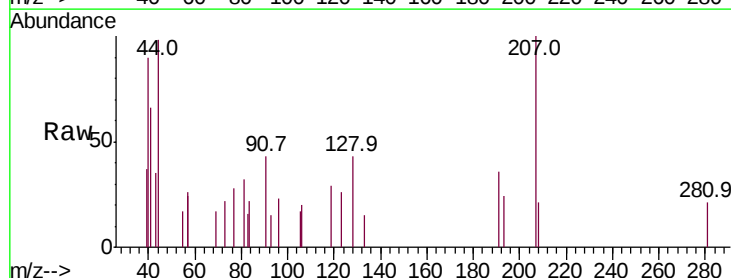
Tgt Ion:128 Resp: 245

Ion Ratio Lower Upper

128 100

127 17.1 10.7 16.1#

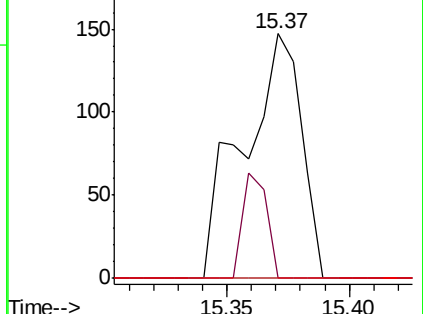
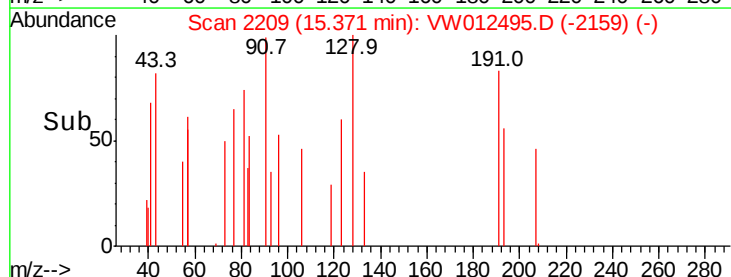
129 0.0 8.7 13.1#

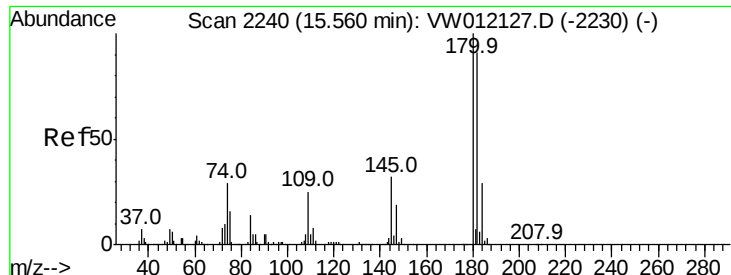


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 4.120 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.01 min

Lab File: VW012495.D

Acq: 02 Sep 2019 13:36

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-Q3-(0)RE

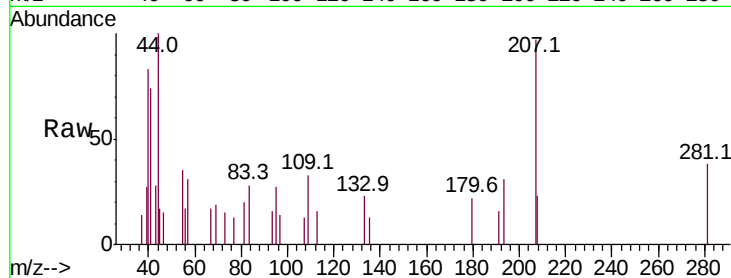
Tot Ion:180 Resp: 57

Ion Ratio Lower Upper

180 100

182 0.0 47.1 141.3#

145 0.0 16.2 48.5#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

