

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012442.D
 Acq On : 01 Sep 2019 12:40
 Operator : SY/VA
 Sample : K4517-03
 Misc : 5.77G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T2-S-A2-(0)

Quant Time: Sep 02 07:17:31 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	7.95	168	11786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	18188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	13330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	2321	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	8422	60.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.22%	
35) Dibromofluoromethane	7.88	113	6082	56.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.04%	
50) Toluene-d8	10.32	98	20543	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
62) 4-Bromofluorobenzene	12.62	95	3985	25.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	51.36%	

Target Compounds

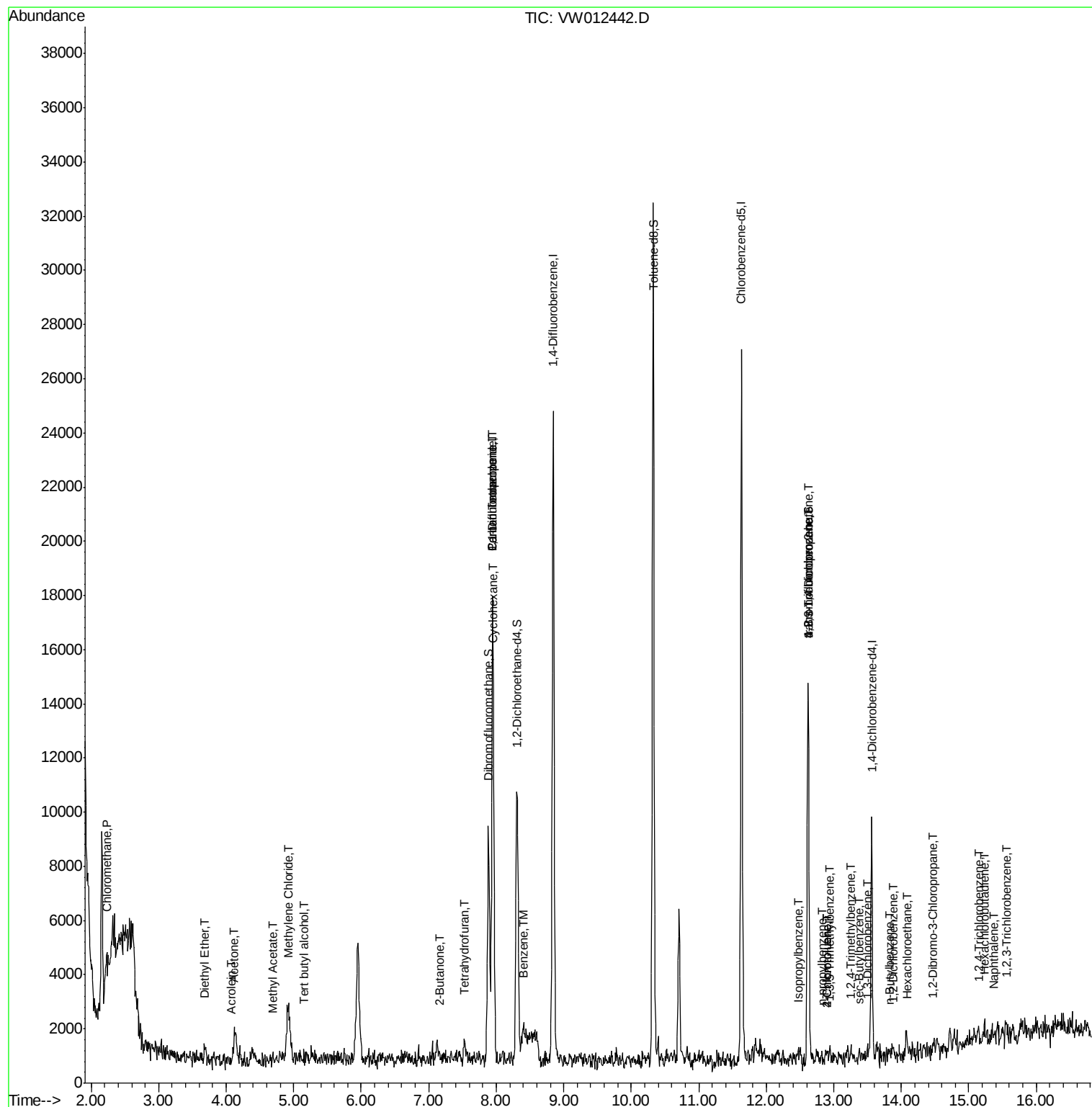
						Qvalue
3) Chloromethane	2.22	50	396	3.522	ug/l #	76
8) Diethyl Ether	3.68	74	81	1.235	ug/l	52
11) Tert butyl alcohol	5.15	59	58	6.879	ug/l #	71
13) Acrolein	4.07	56	24	3.024	ug/l #	15
16) Acetone	4.12	43	946	26.414	ug/l #	88
18) Methyl Acetate	4.68	43	101	1.139	ug/l #	57
20) Methylene Chloride	4.92	84	768	5.672	ug/l #	66
25) 2-Butanone	7.16	43	77	1.582	ug/l #	56
29) Tetrahydrofuran	7.53	42	330	11.302	ug/l #	48
31) Cyclohexane	7.96	56	416	1.648	ug/l #	78
36) 1,1-Dichloropropene	7.95	75	1089	5.794	ug/l #	48
38) Carbon Tetrachloride	7.95	117	1207	7.420	ug/l #	21
40) Benzene	8.41	78	1790	3.488	ug/l #	51
73) Isopropylbenzene	12.47	105	194	1.115	ug/l #	74
76) 1,2,3-Trichloropropane	12.62	75	2272	100.509	ug/l #	100
78) n-propylbenzene	12.82	91	272	1.281	ug/l #	55
79) 2-Chlorotoluene	12.89	91	249	2.066	ug/l	91
80) 1,3,5-Trimethylbenzene	12.94	105	294	2.023	ug/l #	29
81) trans-1,4-Dichloro-2-buten	12.62	75	2272	220.370	ug/l #	6
82) 4-Chlorotoluene	12.89	91	249	1.973	ug/l	91
84) 1,2,4-Trimethylbenzene	13.26	105	284	1.945	ug/l	76
85) sec-Butylbenzene	13.38	105	297	1.684	ug/l #	57
87) 1,3-Dichlorobenzene	13.50	146	185	2.514	ug/l #	24
89) n-Butylbenzene	13.83	91	262	1.673	ug/l #	79
90) Hexachloroethane	14.10	117	52	1.882	ug/l #	11
91) 1,2-Dichlorobenzene	13.88	146	158	2.447	ug/l #	77
92) 1,2-Dibromo-3-Chloropropan	14.47	75	21	3.907	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.15	180	149	3.340	ug/l #	55
94) Hexachlorobutadiene	15.24	225	108	3.666	ug/l #	18
95) Naphthalene	15.36	128	238	6.805	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.55	180	226	5.806	ug/l #	67

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

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Quant Time: Sep 02 07:17:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012442.D

Acq: 01 Sep 2019 12:40

Instrument :

MSVOA_W

ClientSampleId :

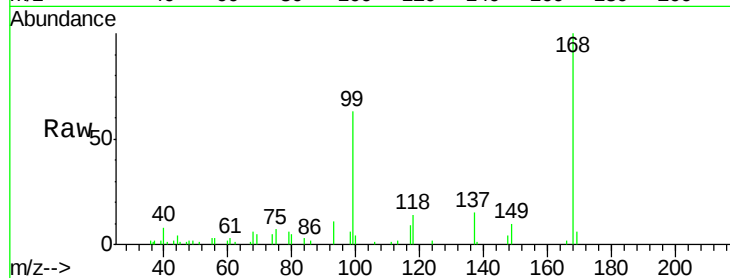
T2-S-A2-(0)

Tot Ion:168 Resp: 11786

Ion Ratio Lower Upper

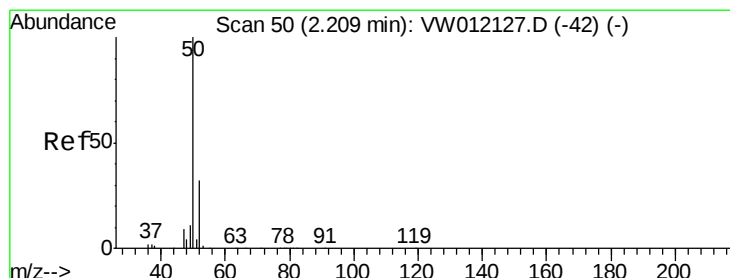
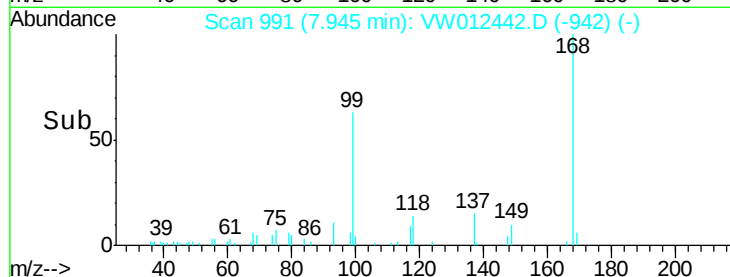
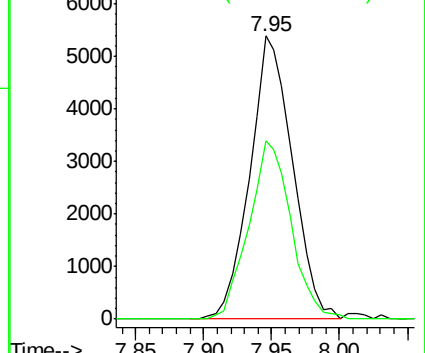
168 100

99 63.0 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: 3.522 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW012442.D

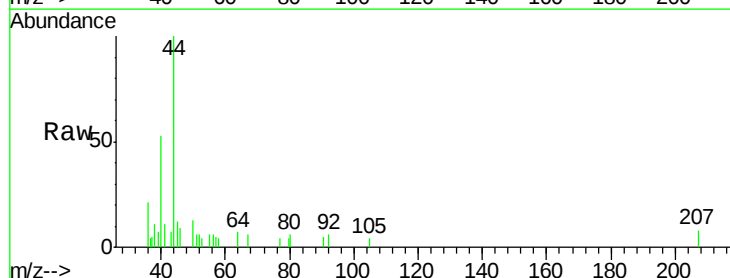
Acq: 01 Sep 2019 12:40

Tgt Ion: 50 Resp: 396

Ion Ratio Lower Upper

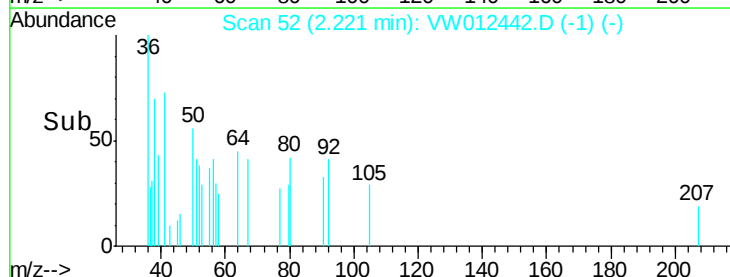
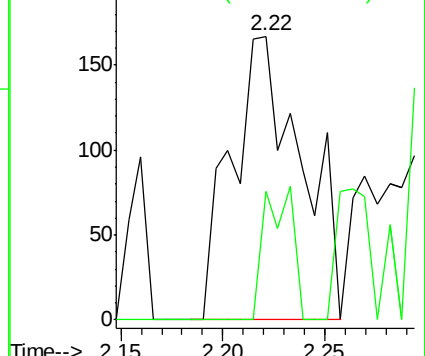
50 100

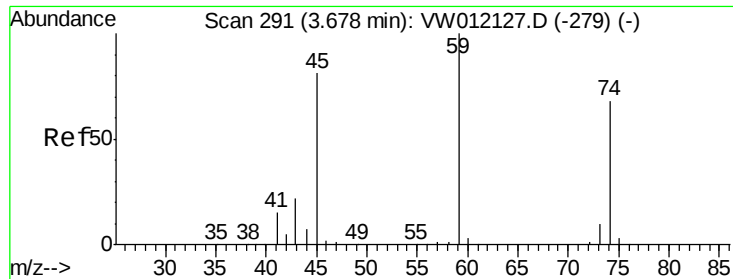
52 45.5 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW





#8

Diethyl Ether

Concen: 1.235 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW012442.D

Acq: 01 Sep 2019 12:40

Instrument :

MSVOA_W

ClientSampled :

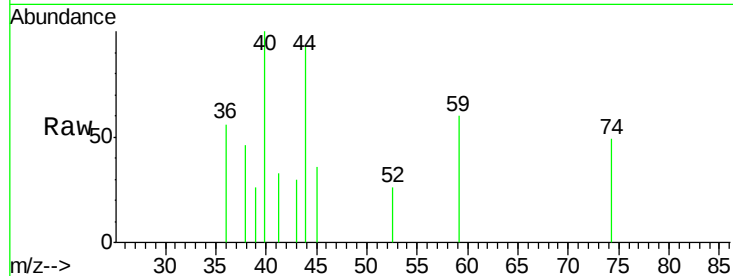
T2-S-A2-(0)

Tot Ion: 74 Resp: 81

Ion Ratio Lower Upper

74 100

45 171.6 59.2 177.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

200

150

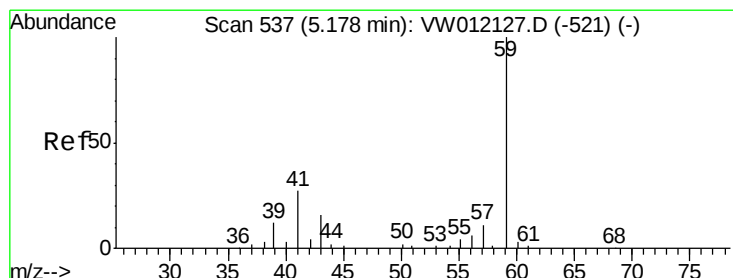
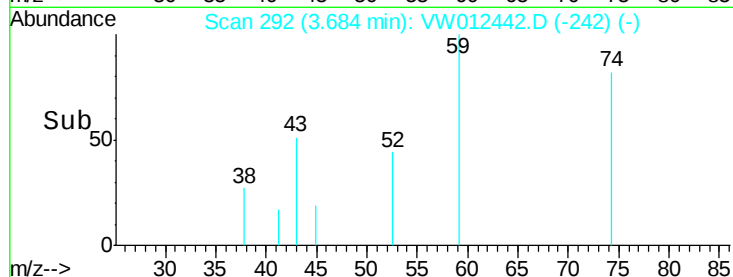
100

50

0

3.66 3.68 3.70 3.72

Time-->



#11

Tert butyl alcohol

Concen: 6.879 ug/l

RT: 5.15 min Scan# 532

Delta R.T. -0.03 min

Lab File: VW012442.D

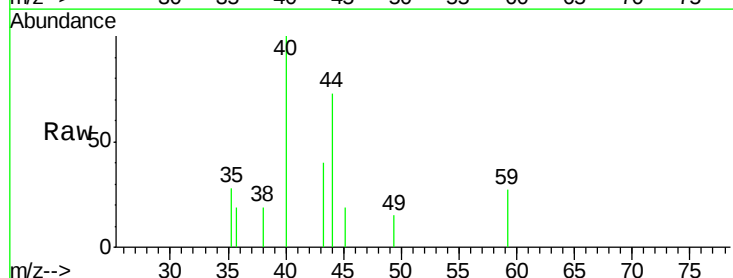
Acq: 01 Sep 2019 12:40

Tgt Ion: 59 Resp: 58

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

120

100

80

60

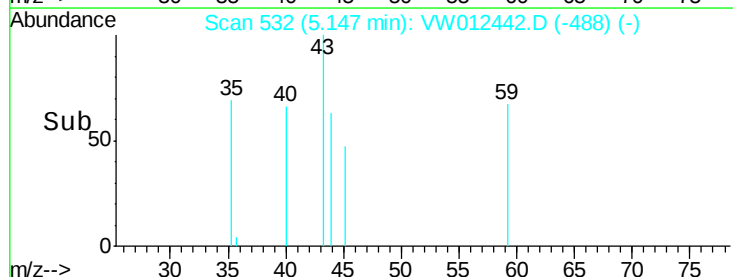
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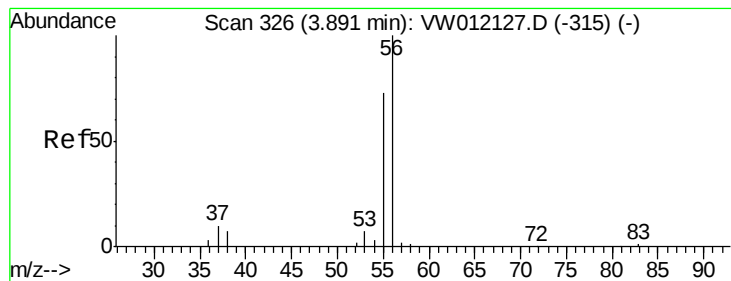
20

0

5.12 5.14 5.16

Time-->





#13

Acrolein

Concen: 3.024 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.18 min

Lab File: VW012442.D

Acq: 01 Sep 2019 12:40

Instrument :

MSVOA_W

ClientSampled :

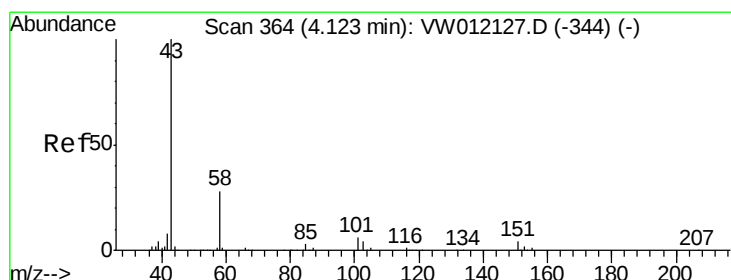
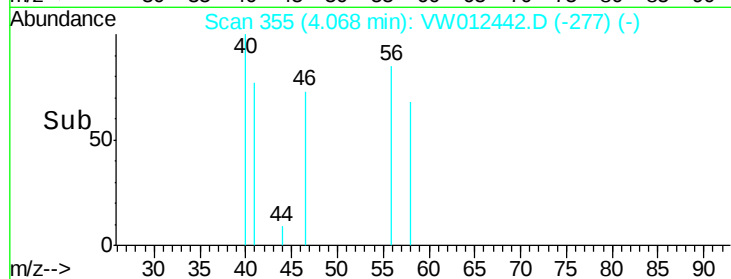
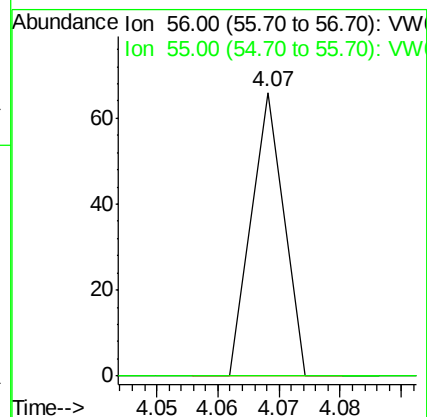
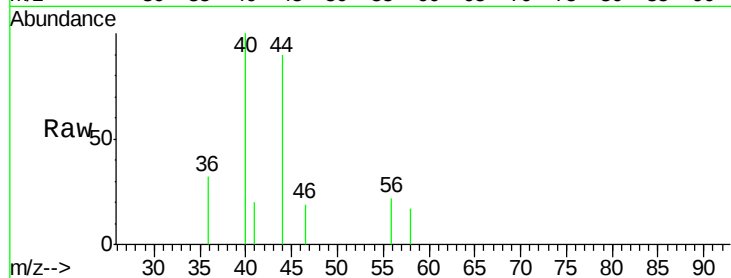
T2-S-A2-(0)

Tot Ion: 56 Resp: 24

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.8#



#16

Acetone

Concen: 26.414 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW012442.D

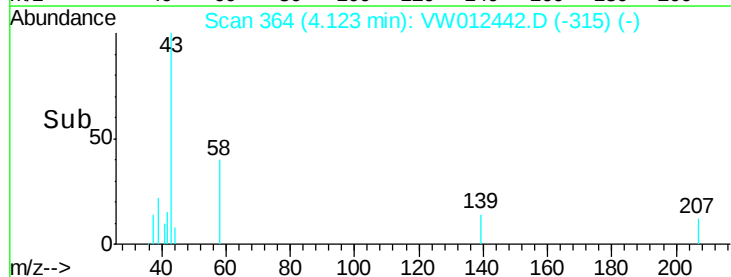
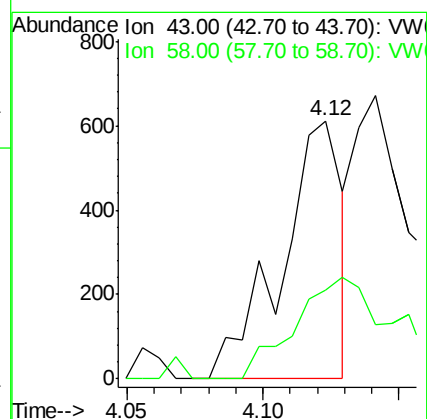
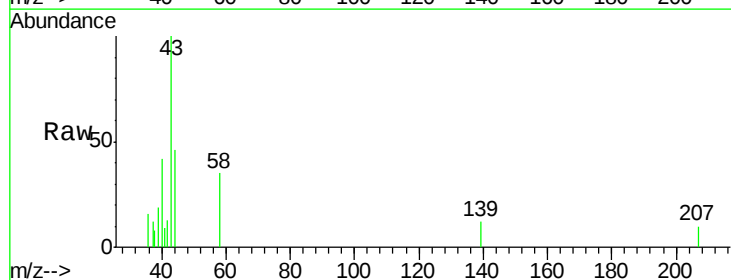
Acq: 01 Sep 2019 12:40

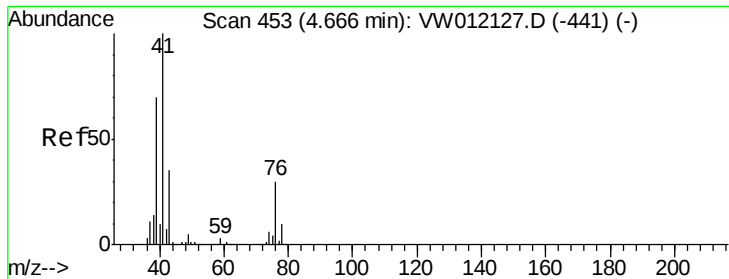
Tgt Ion: 43 Resp: 946

Ion Ratio Lower Upper

43 100

58 34.5 22.4 33.6#

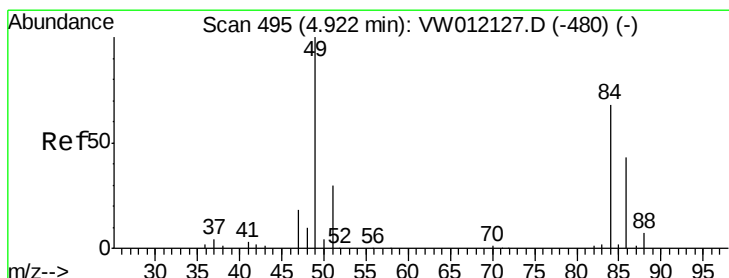
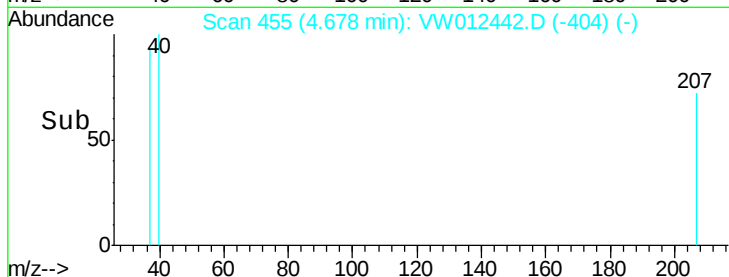
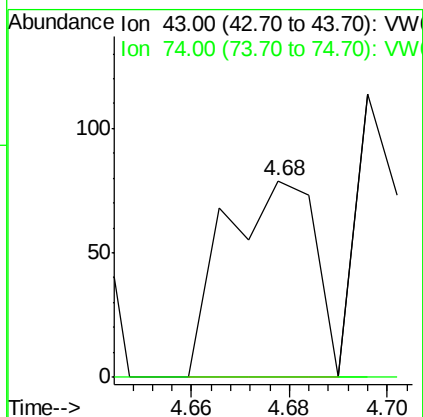
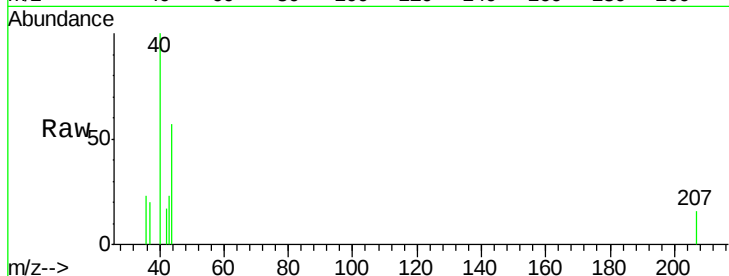




#18
Methyl Acetate
Concen: 1.139 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW012442.D
Acq: 01 Sep 2019 12:40

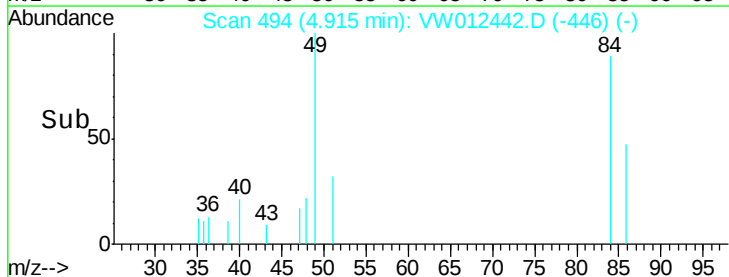
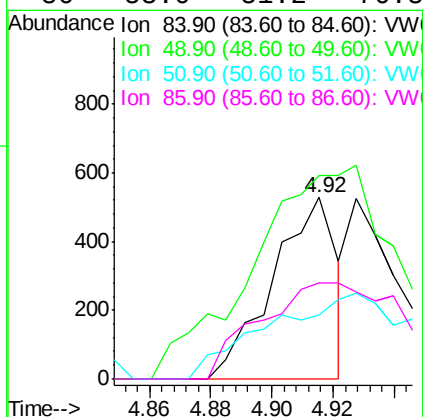
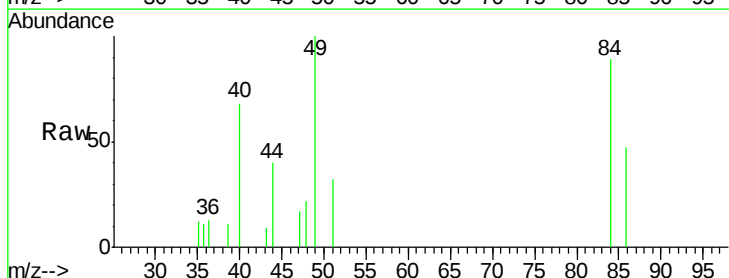
Instrument :
MSVOA_W
ClientSampled :
T2-S-A2-(0)

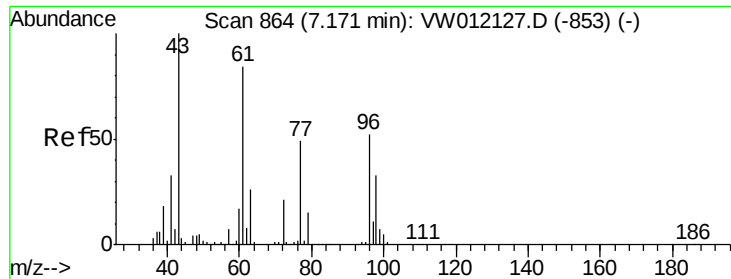
Tot Ion: 43 Resp: 101
Ion Ratio Lower Upper
43 100
74 0.0 15.7 23.5#



#20
Methylene Chloride
Concen: 5.672 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012442.D
Acq: 01 Sep 2019 12:40

Tgt Ion: 84 Resp: 768
Ion Ratio Lower Upper
84 100
49 86.7 117.8 176.8#
51 35.4 35.6 53.4#
86 53.0 51.2 76.8

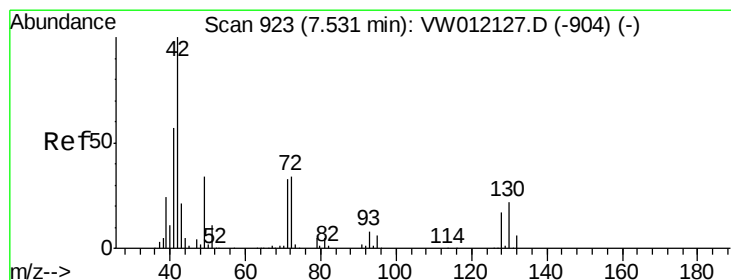
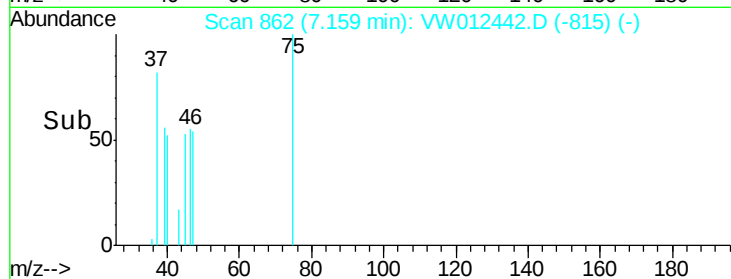
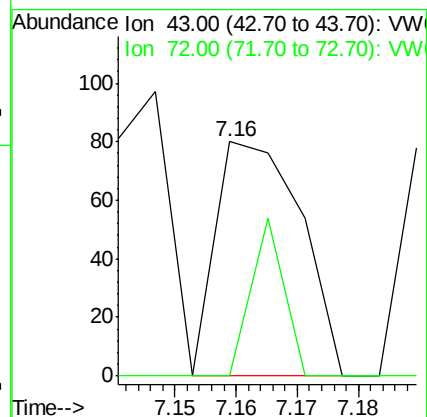
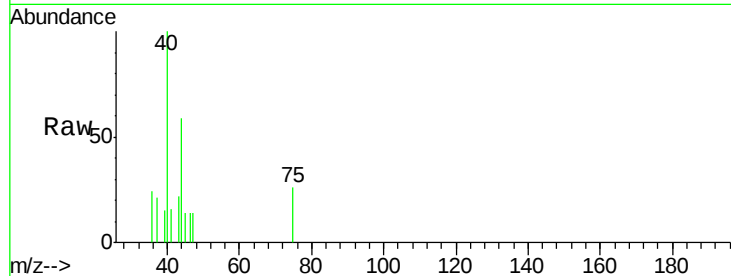




#25
2-Butanone
Concen: 1.582 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW012442.D
Acq: 01 Sep 2019 12:40

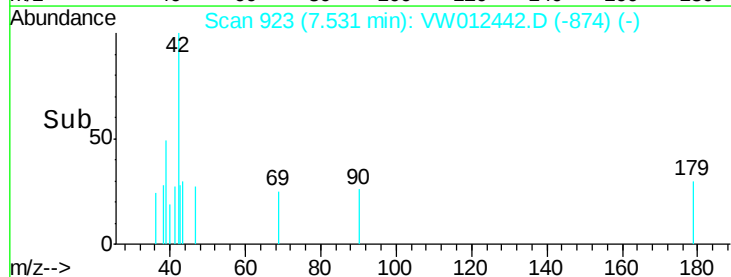
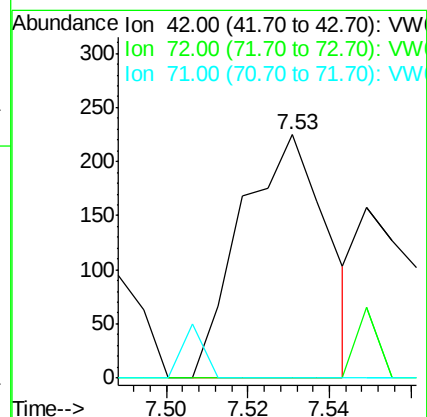
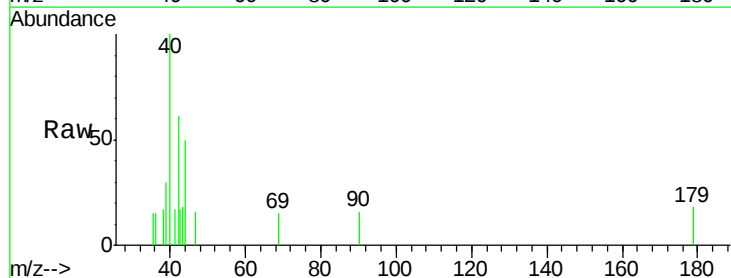
Instrument :
MSVOA_W
ClientSampled :
T2-S-A2-(0)

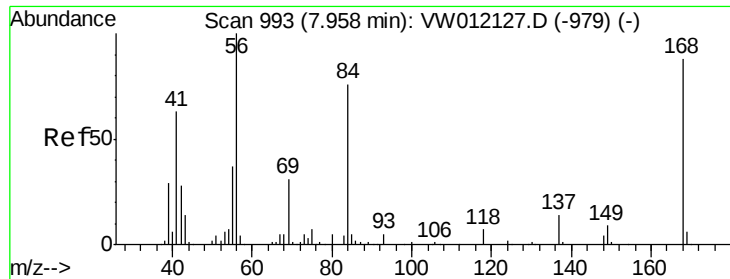
Tot Ion: 43 Resp: 77
Ion Ratio Lower Upper
43 100
72 0.0 16.6 24.8#



#29
Tetrahydrofuran
Concen: 11.302 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012442.D
Acq: 01 Sep 2019 12:40

Tgt Ion: 42 Resp: 330
Ion Ratio Lower Upper
42 100
72 7.3 27.3 40.9#
71 0.0 25.5 38.3#

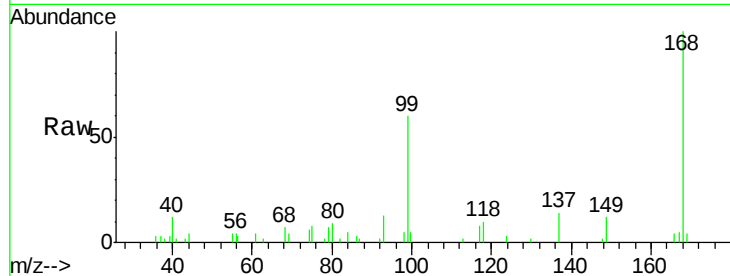




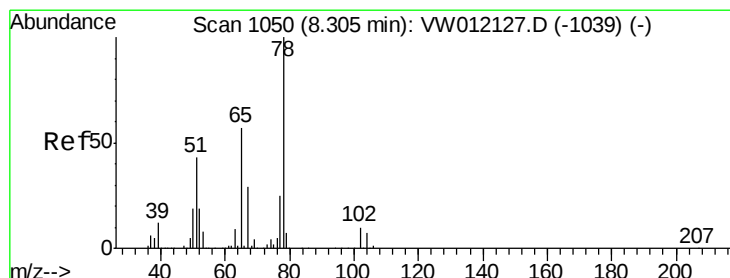
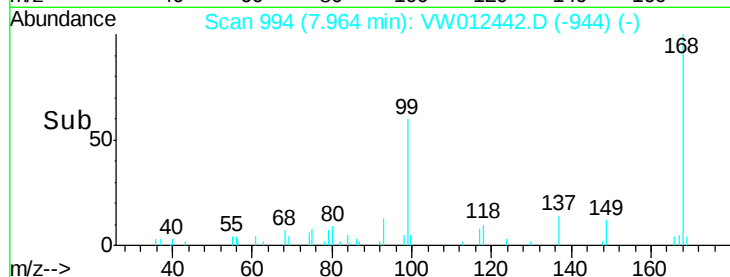
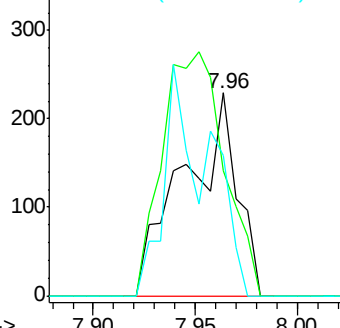
#31
Cyclohexane
Concen: 1.648 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.01 min
Lab File: VW012442.D
Acq: 01 Sep 2019 12:40

Instrument :
MSVOA_W
ClientSampleId :
T2-S-A2-(0)

Tot Ion: 56 Resp: 416
Ion Ratio Lower Upper
56 100
69 61.6 24.9 37.3#
84 69.0 60.6 90.8

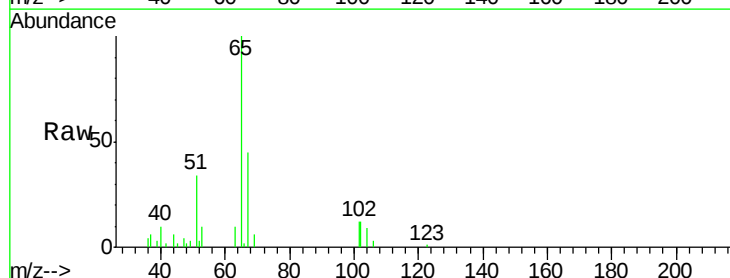


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

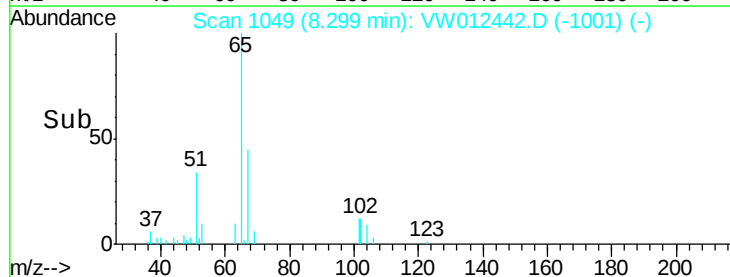
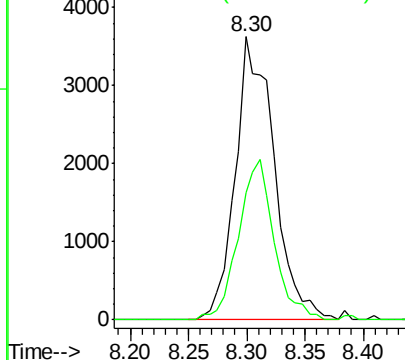


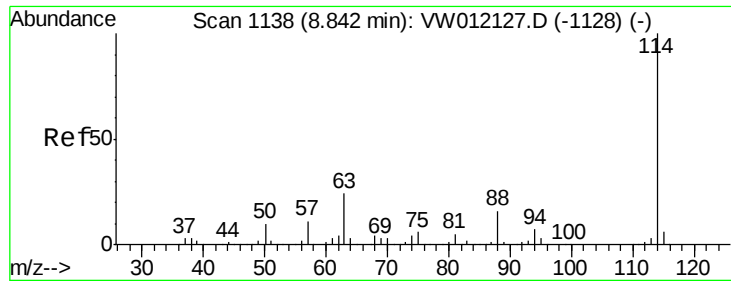
#33
1,2-Dichloroethane-d4
Concen: 60.111 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW012442.D
Acq: 01 Sep 2019 12:40

Tgt Ion: 65 Resp: 8422
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.6



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

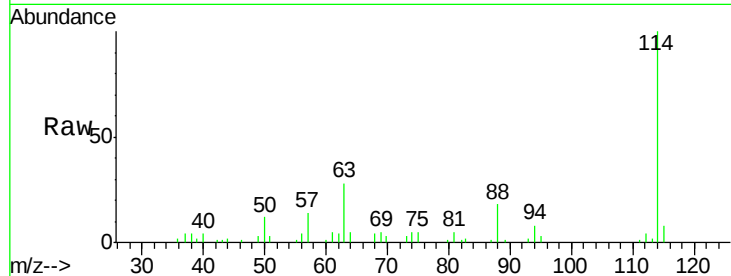




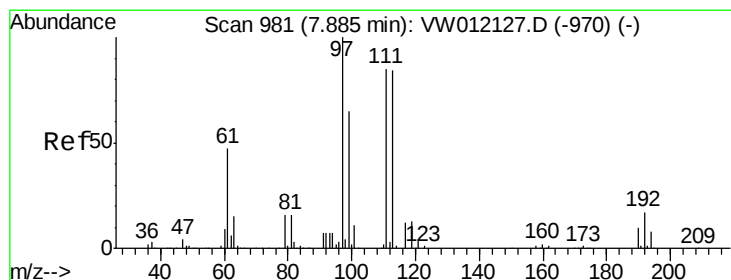
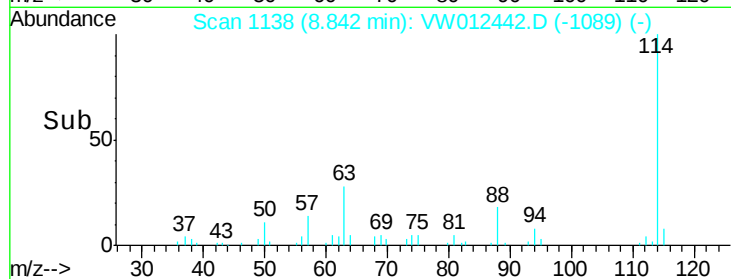
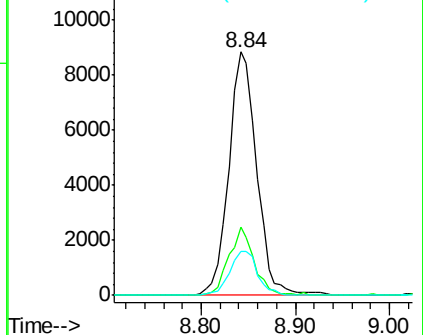
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012442.D
 Acq: 01 Sep 2019 12:40

Instrument :
 MSVOA_W
 ClientSampleId :
 T2-S-A2-(0)

Tot Ion:114 Resp: 18188
 Ion Ratio Lower Upper
 114 100
 63 28.2 0.0 48.6
 88 18.0 0.0 32.2

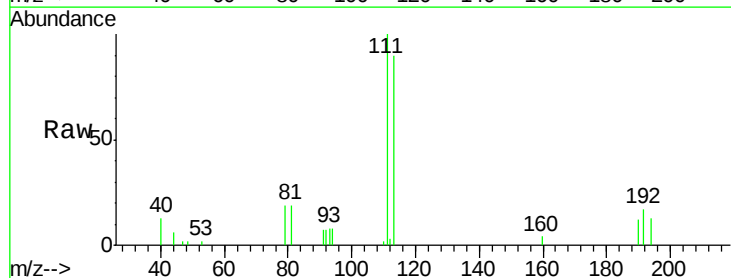


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

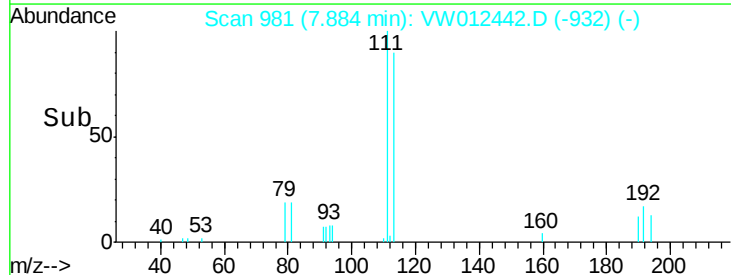
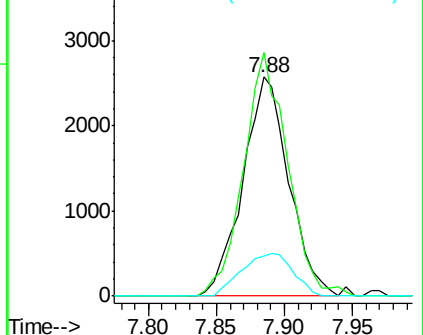


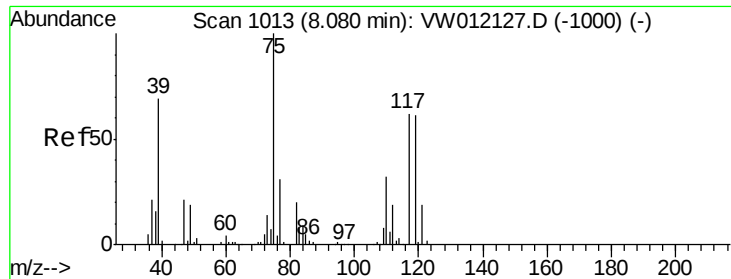
#35
 Dibromofluoromethane
 Concen: 56.022 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012442.D
 Acq: 01 Sep 2019 12:40

Tgt Ion:113 Resp: 6082
 Ion Ratio Lower Upper
 113 100
 111 106.3 82.7 124.1
 192 21.5 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

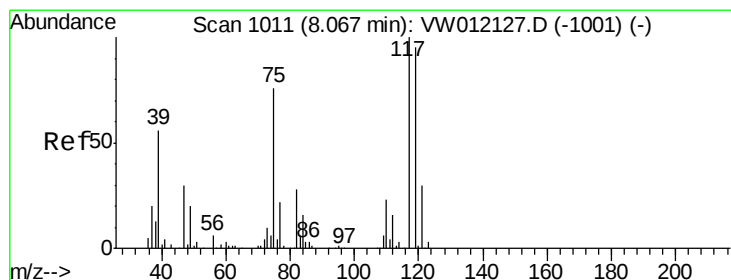
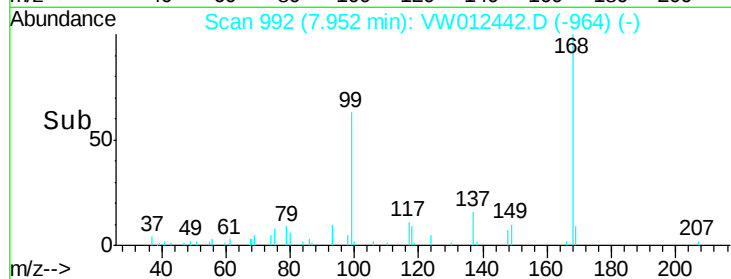
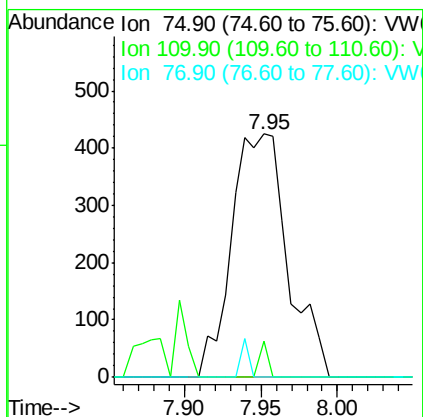
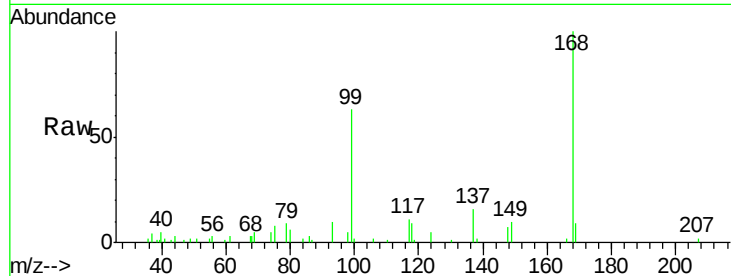




#36
 1,1-Dichloropropene
 Concen: 5.794 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW012442.D
 Acq: 01 Sep 2019 12:40

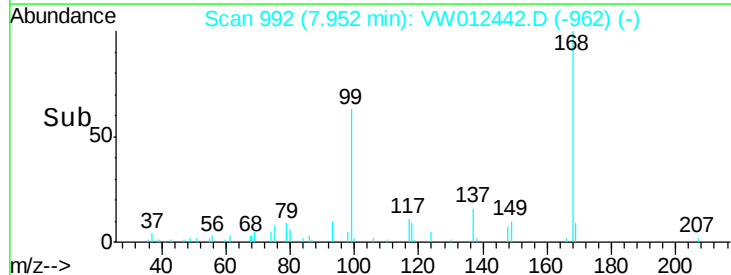
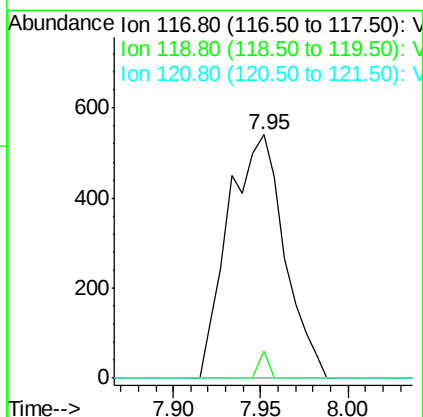
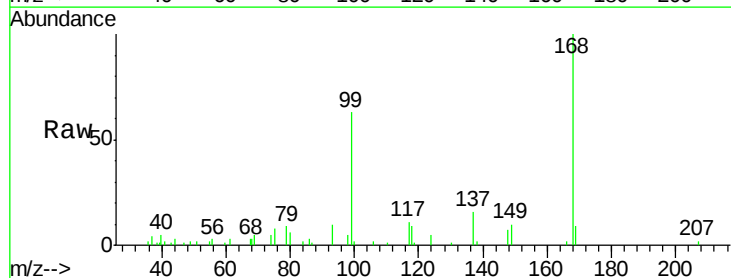
Instrument :
 MSVOA_W
 ClientSampleId :
 T2-S-A2-(0)

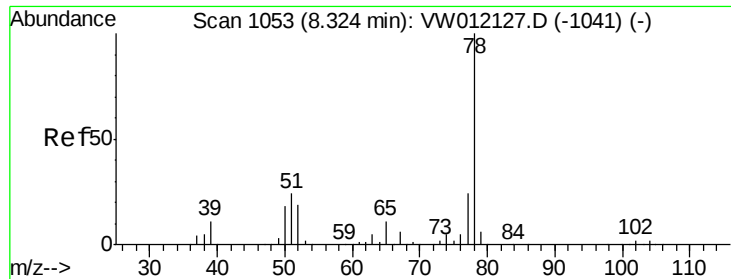
Tot Ion: 75 Resp: 1089
 Ion Ratio Lower Upper
 75 100
 110 2.1 15.6 46.8#
 77 2.3 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 7.420 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW012442.D
 Acq: 01 Sep 2019 12:40

Tgt Ion: 117 Resp: 1207
 Ion Ratio Lower Upper
 117 100
 119 11.5 76.2 114.2#
 121 0.0 23.8 35.8#

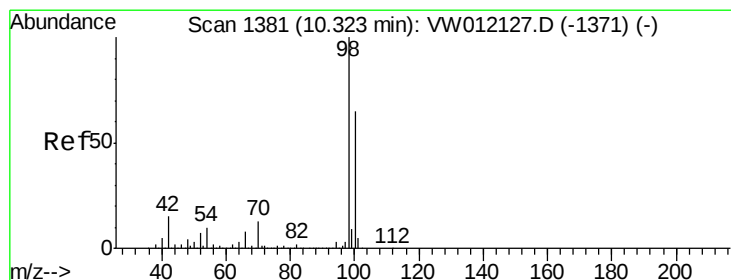
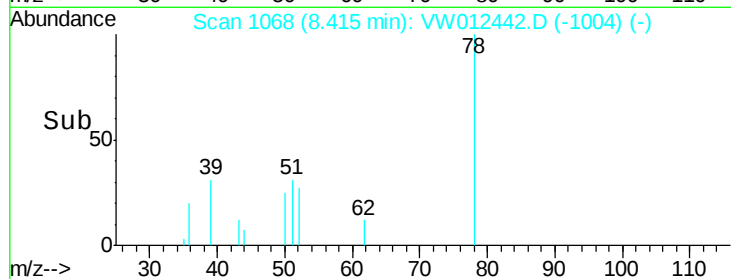
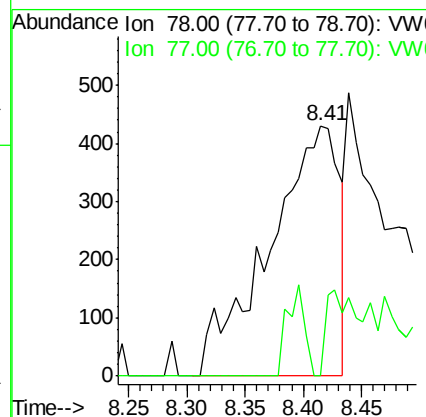
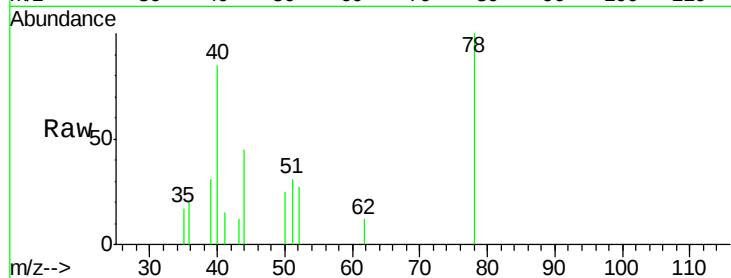




#40
Benzene
Concen: 3.488 ug/l
RT: 8.41 min Scan# 1068
Delta R.T. 0.09 min
Lab File: VW012442.D
Acq: 01 Sep 2019 12:40

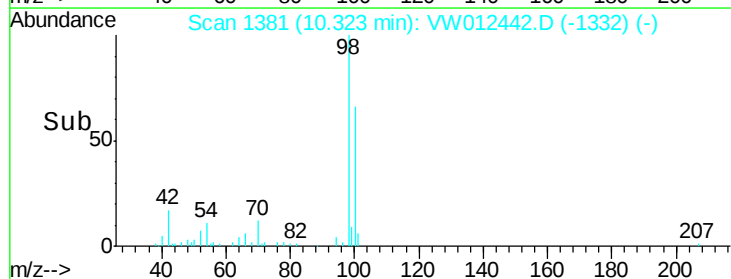
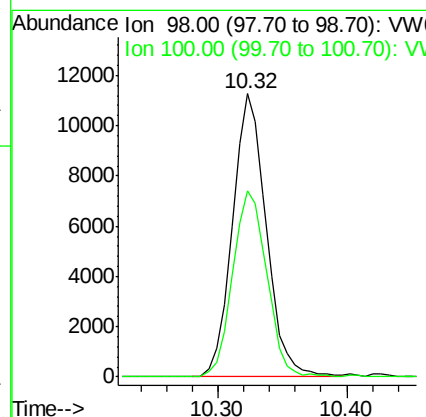
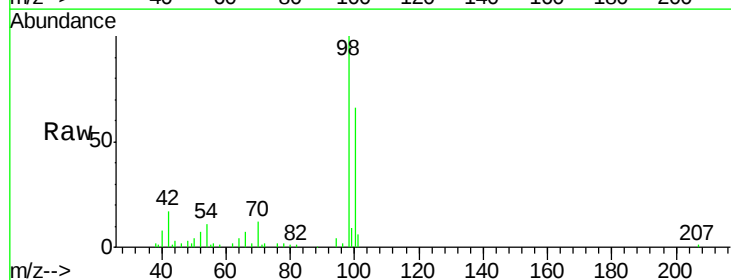
Instrument :
MSVOA_W
ClientSampled :
T2-S-A2-(0)

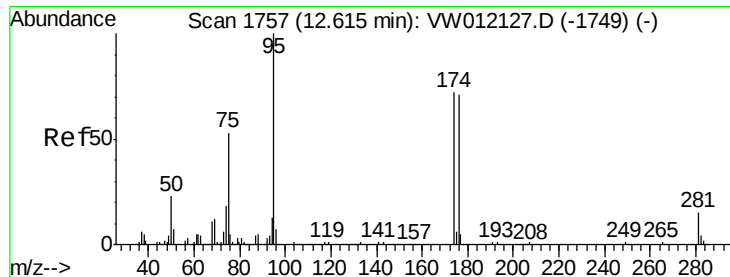
Tot Ion: 78 Resp: 1790
Ion Ratio Lower Upper
78 100
77 0.0 19.5 29.3#



#50
Toluene-d8
Concen: 46.668 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012442.D
Acq: 01 Sep 2019 12:40

Tgt Ion: 98 Resp: 20543
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6

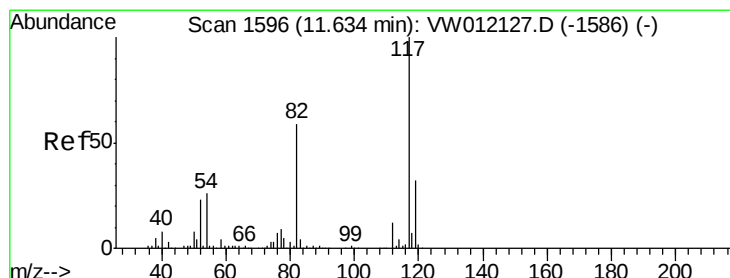
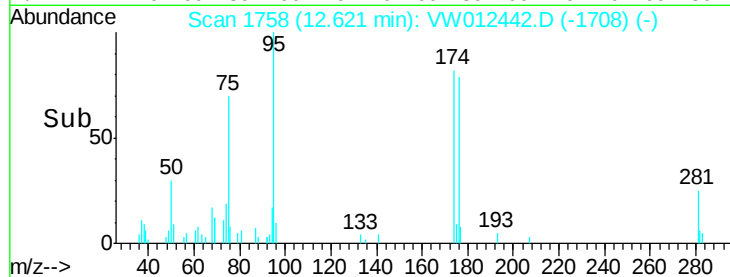
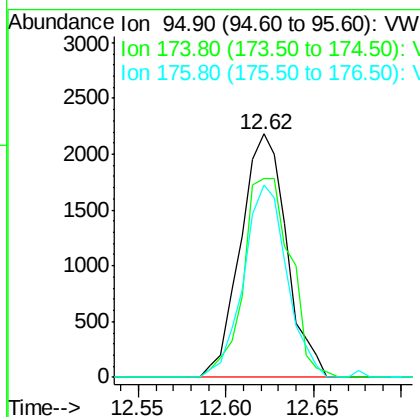
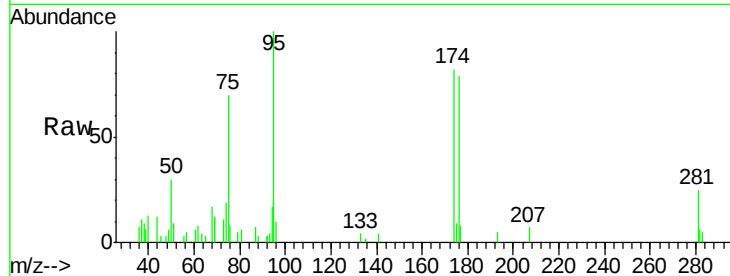




#62
4-Bromofluorobenzene
Concen: 25.682 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW012442.D
Acq: 01 Sep 2019 12:40

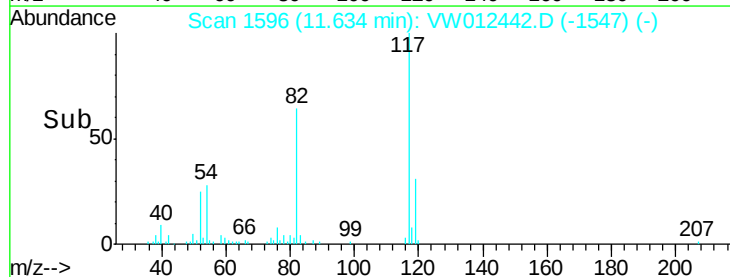
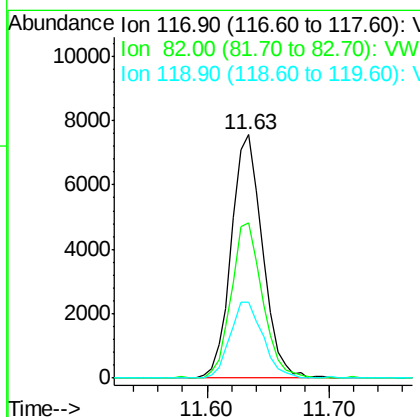
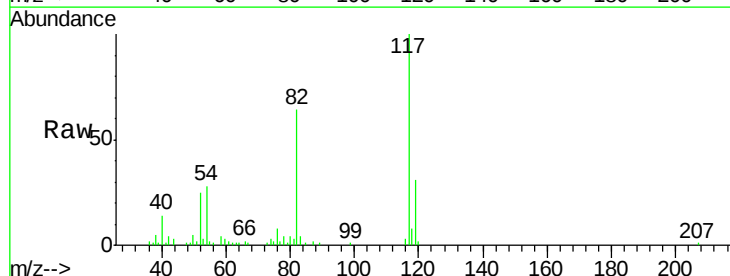
Instrument :
MSVOA_W
ClientSampleId :
T2-S-A2-(0)

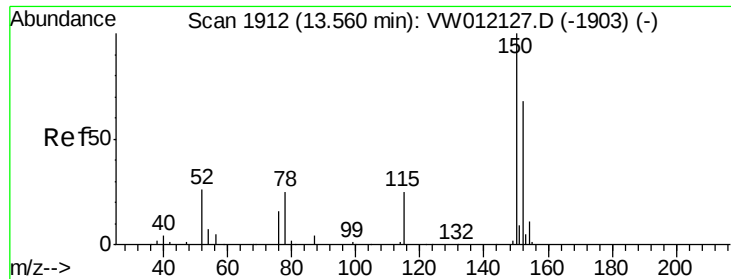
Tot Ion: 95 Resp: 3985
Ion Ratio Lower Upper
95 100
174 83.7 0.0 150.8
176 74.4 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012442.D
Acq: 01 Sep 2019 12:40

Tgt Ion: 117 Resp: 13330
Ion Ratio Lower Upper
117 100
82 63.8 47.4 71.2
119 31.2 25.4 38.2



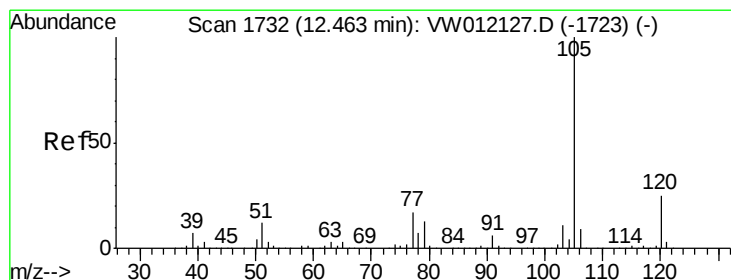
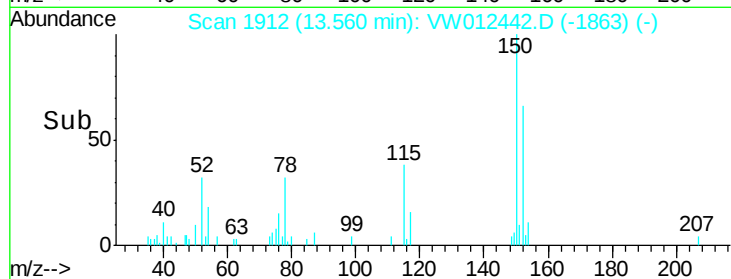
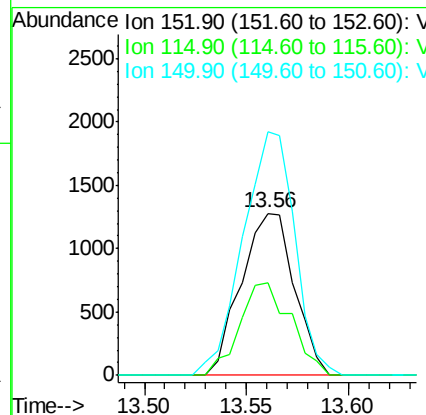
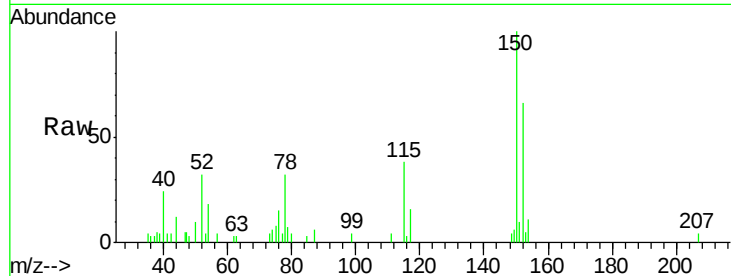


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012442.D
Acq: 01 Sep 2019 12:40

Instrument :
MSVOA_W
ClientSampleId :
T2-S-A2-(0)

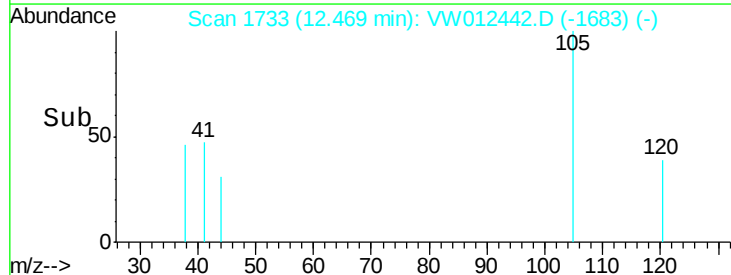
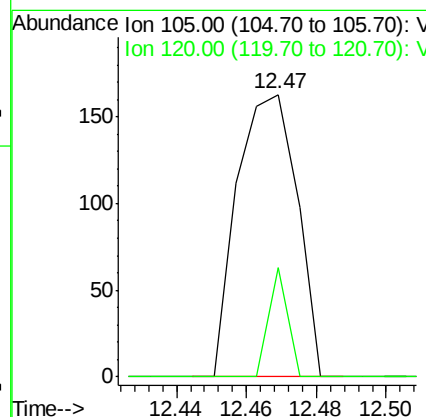
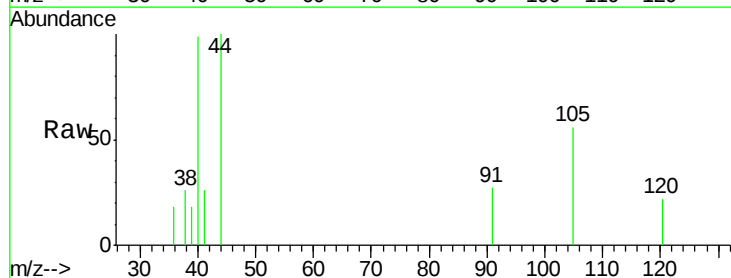
Tot Ion:152 Resp: 2321
Ion Ratio Lower Upper
152 100
115 54.5 30.1 90.3
150 146.0 0.0 345.8

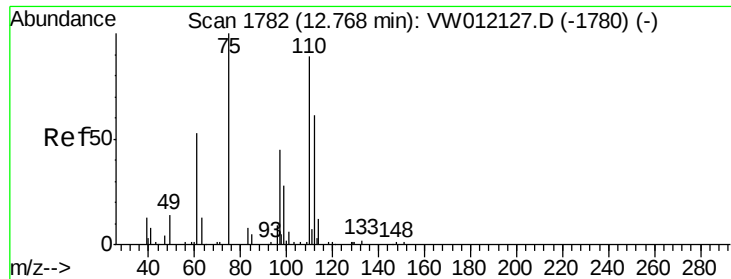


#73

Isopropylbenzene
Concen: 1.115 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW012442.D
Acq: 01 Sep 2019 12:40

Tgt Ion:105 Resp: 194
Ion Ratio Lower Upper
105 100
120 11.9 12.5 37.5#





#76

1,2,3-Trichloropropane

Concen: 100.509 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW012442.D

Acq: 01 Sep 2019 12:40

Instrument :

MSVOA_W

ClientSampleId :

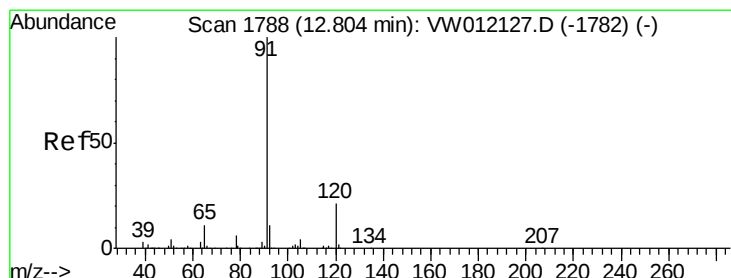
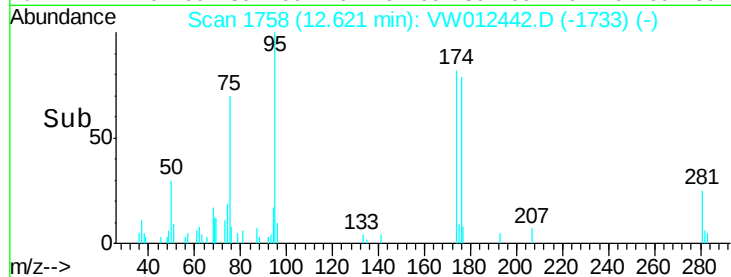
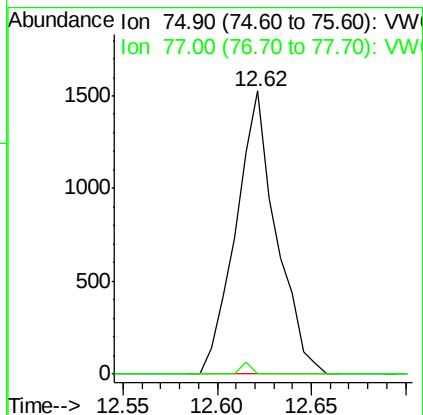
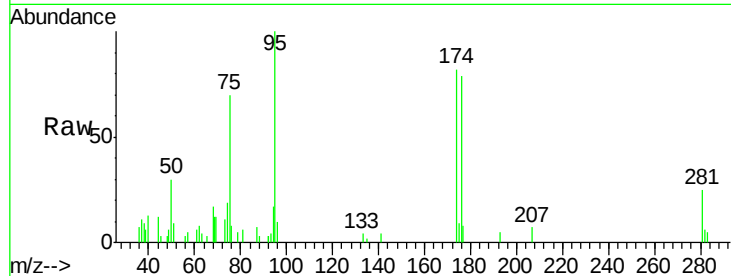
T2-S-A2-(0)

Tot Ion: 75 Resp: 2272

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#78

n-propylbenzene

Concen: 1.281 ug/l

RT: 12.82 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VW012442.D

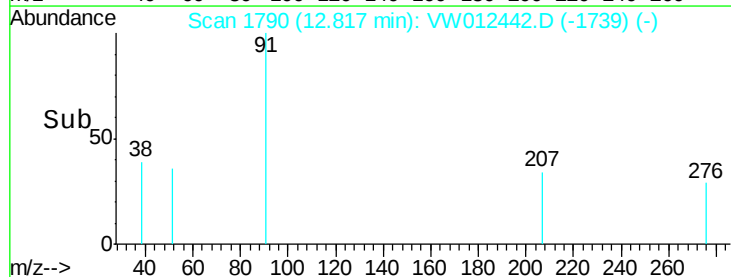
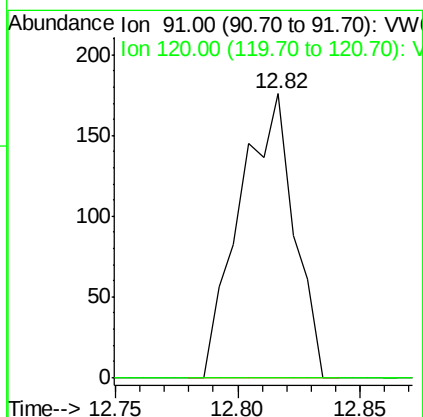
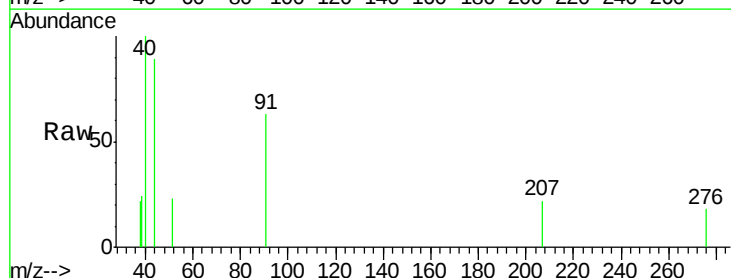
Acq: 01 Sep 2019 12:40

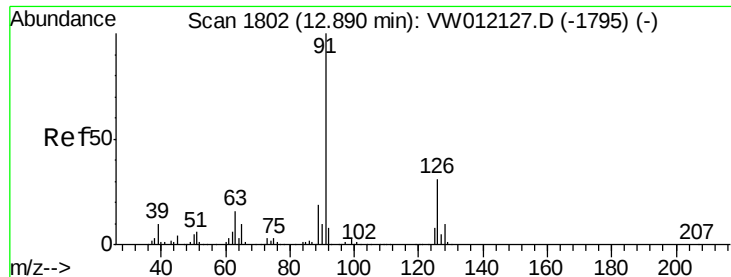
Tgt Ion: 91 Resp: 272

Ion Ratio Lower Upper

91 100

120 0.0 10.5 31.6#





#79

2-Chlorotoluene

Concen: 2.066 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012442.D

Acq: 01 Sep 2019 12:40

Instrument :

MSVOA_W

ClientSampled :

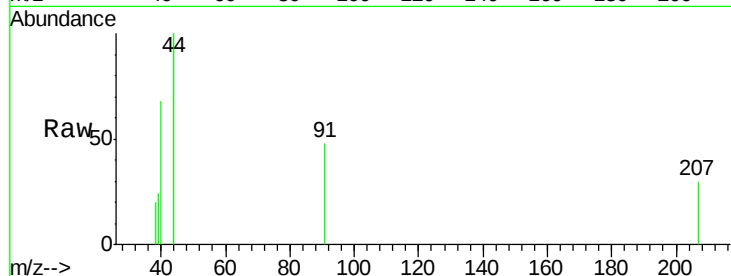
T2-S-A2-(0)

Tot Ion: 91 Resp: 249

Ion Ratio Lower Upper

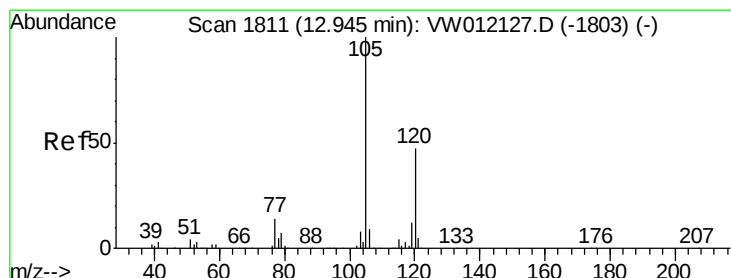
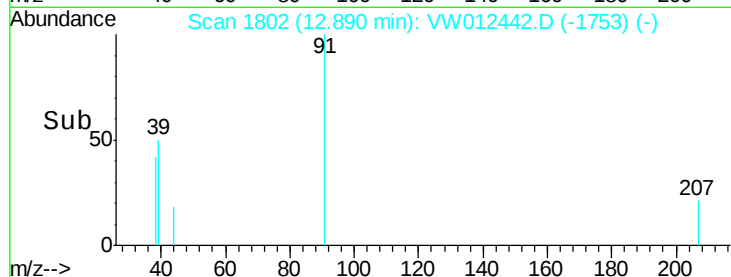
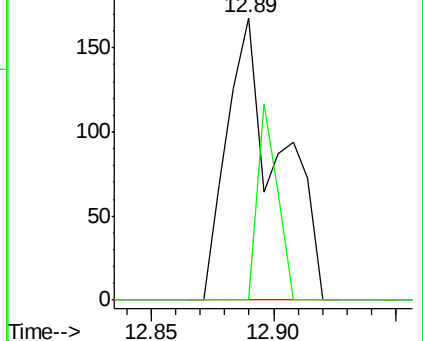
91 100

126 26.5 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 2.023 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012442.D

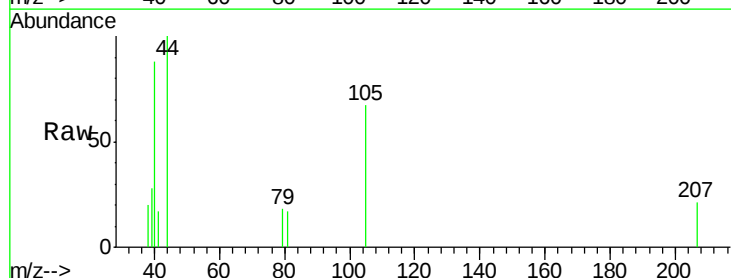
Acq: 01 Sep 2019 12:40

Tgt Ion: 105 Resp: 294

Ion Ratio Lower Upper

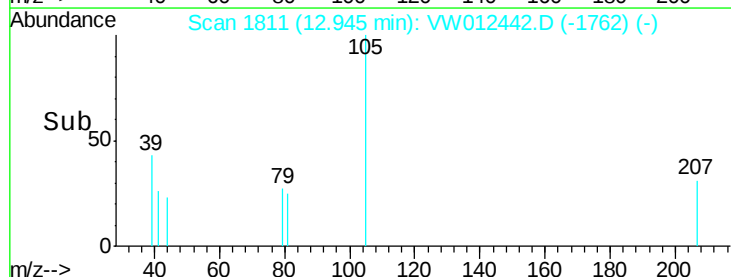
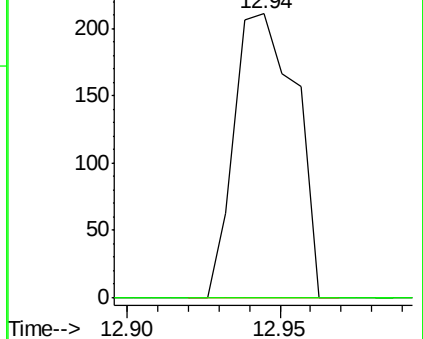
105 100

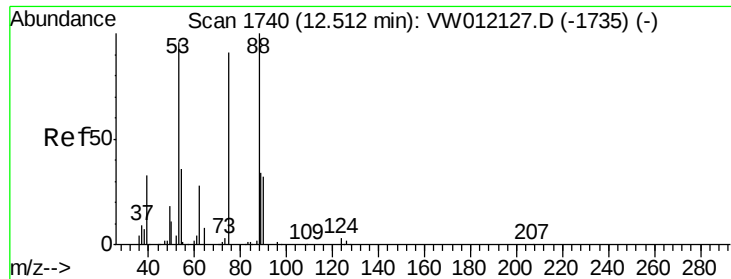
120 0.0 24.0 72.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 220.370 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW012442.D

Acq: 01 Sep 2019 12:40

Instrument :

MSVOA_W

ClientSampled :

T2-S-A2-(0)

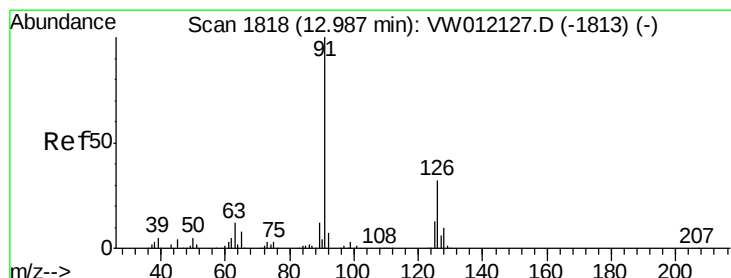
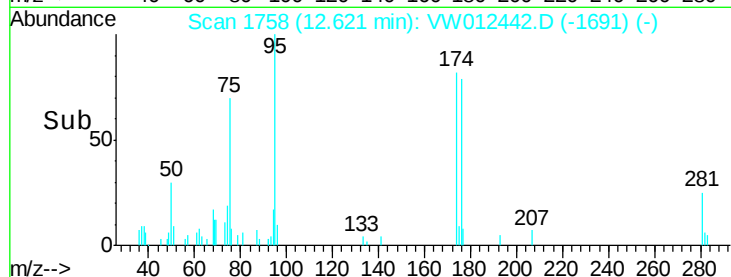
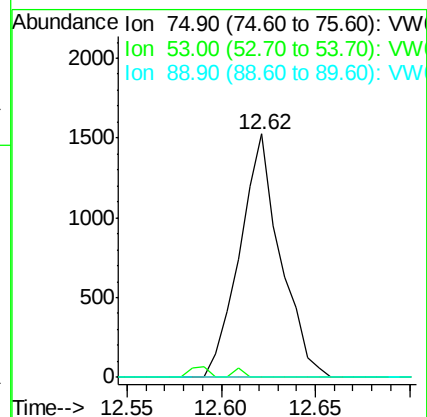
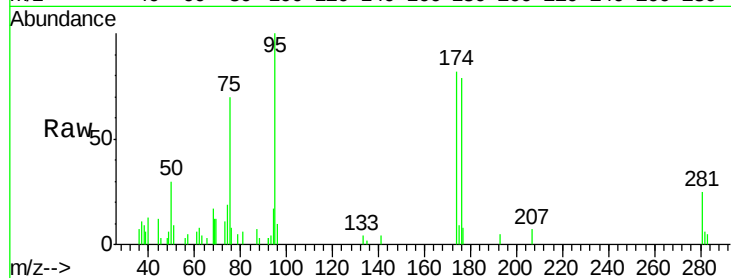
Tot Ion: 75 Resp: 2272

Ion Ratio Lower Upper

75 100

53 1.0 89.4 134.0#

89 0.0 34.5 51.7#



#82

4-Chlorotoluene

Concen: 1.973 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.10 min

Lab File: VW012442.D

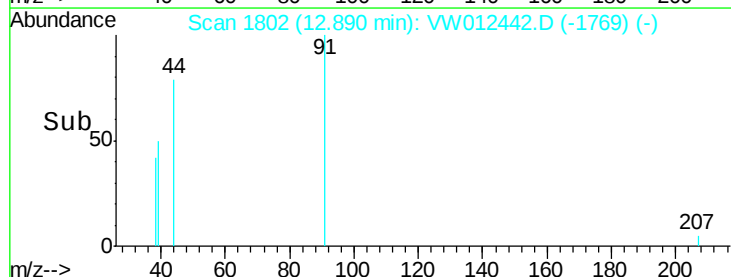
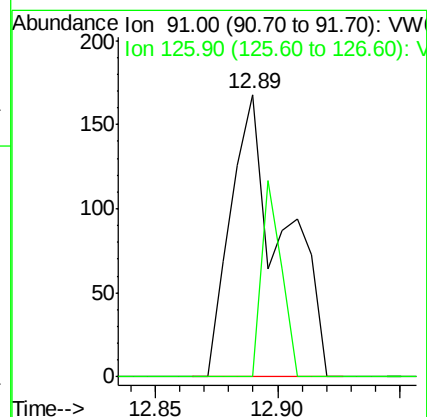
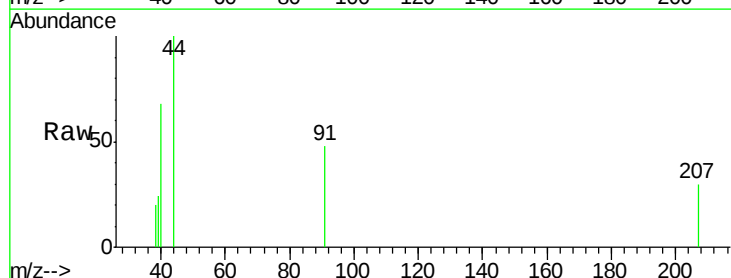
Acq: 01 Sep 2019 12:40

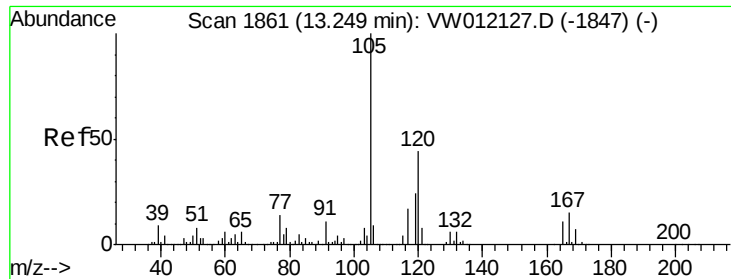
Tgt Ion: 91 Resp: 249

Ion Ratio Lower Upper

91 100

126 26.5 15.6 46.8

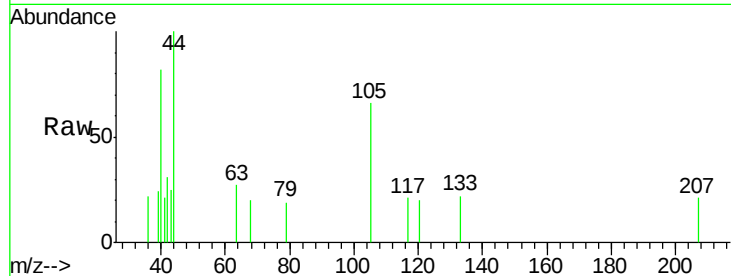




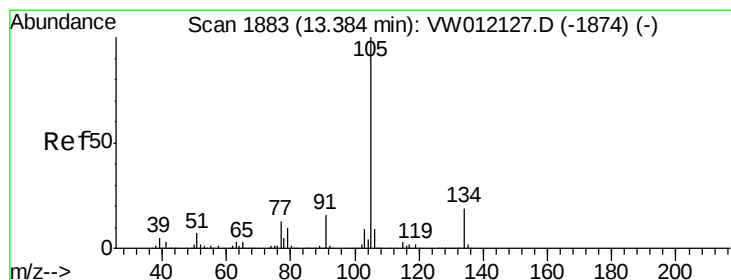
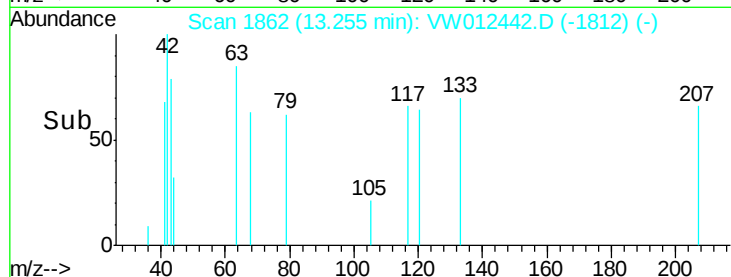
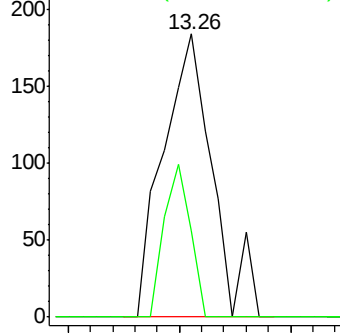
#84
 1,2,4-Trimethylbenzene
 Concen: 1.945 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VW012442.D
 Acq: 01 Sep 2019 12:40

Instrument :
 MSVOA_W
 ClientSampled :
 T2-S-A2-(0)

Tot Ion:105 Resp: 284
 Ion Ratio Lower Upper
 105 100
 120 28.2 21.9 65.7

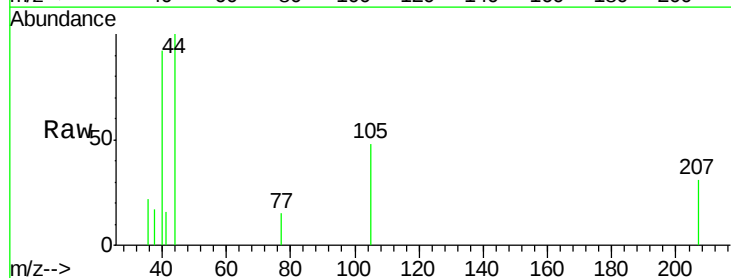


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

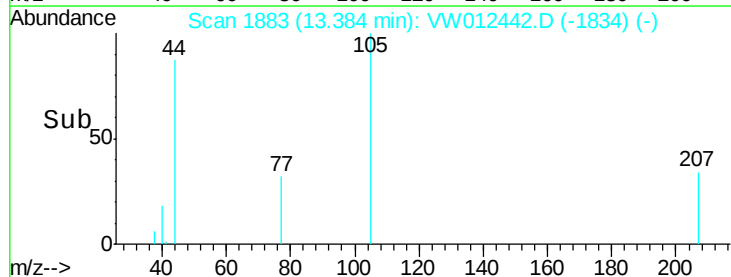
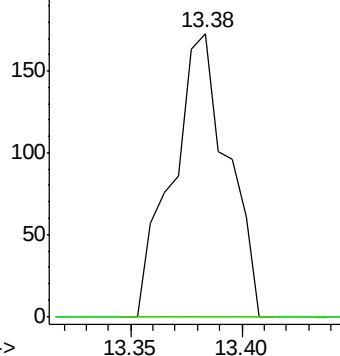


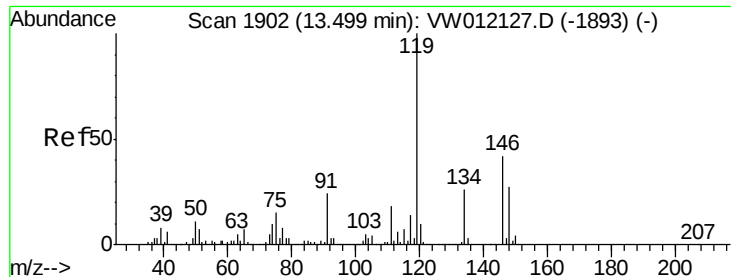
#85
 sec-Butylbenzene
 Concen: 1.684 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012442.D
 Acq: 01 Sep 2019 12:40

Tgt Ion:105 Resp: 297
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

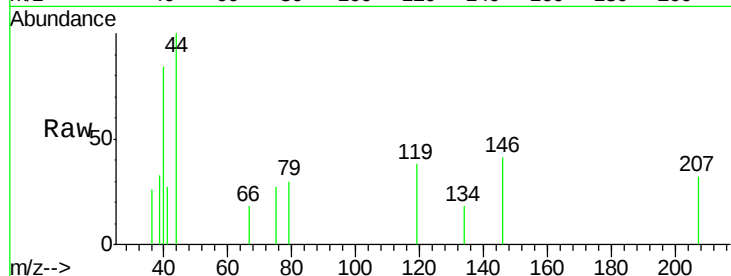




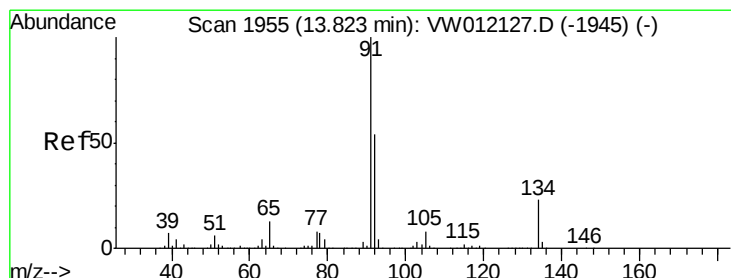
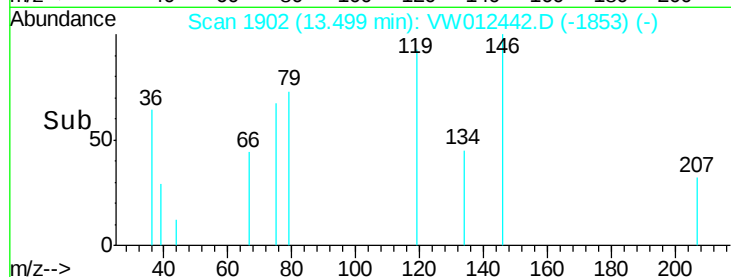
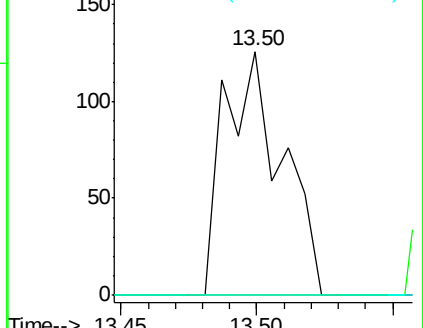
#87
 1,3-Dichlorobenzene
 Concen: 2.514 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012442.D
 Acq: 01 Sep 2019 12:40

Instrument :
 MSVOA_W
 ClientSampled :
 T2-S-A2-(0)

Tot Ion:146 Resp: 185
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.9 62.7#
 148 0.0 32.2 96.6#

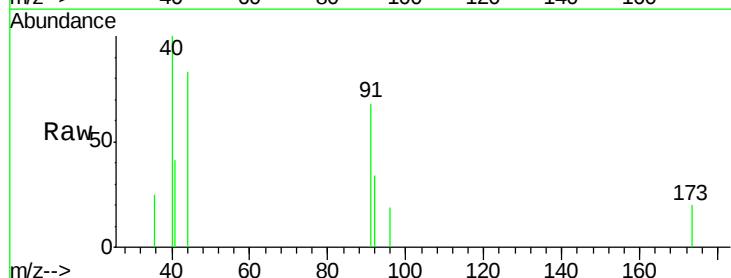


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

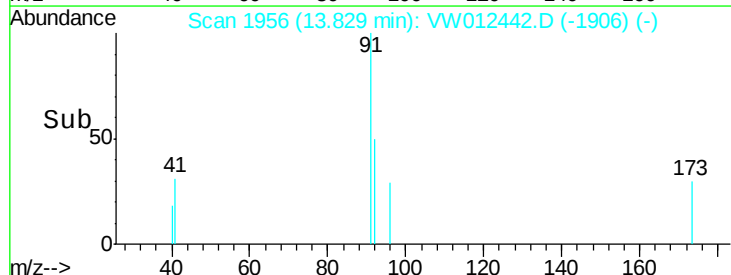
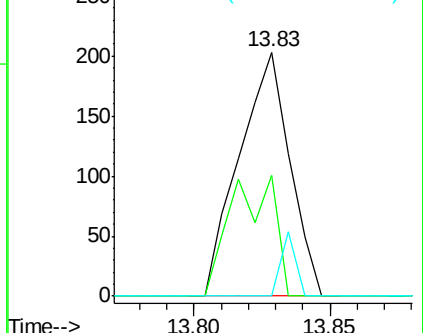


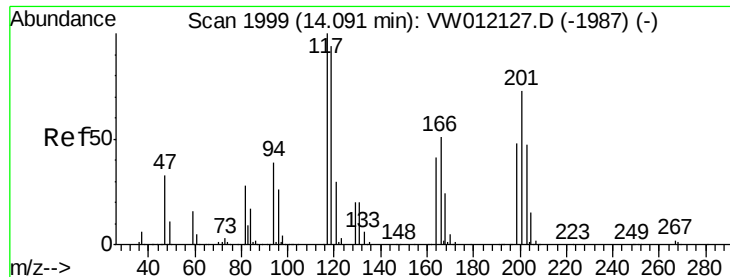
#89
 n-Butylbenzene
 Concen: 1.673 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. 0.01 min
 Lab File: VW012442.D
 Acq: 01 Sep 2019 12:40

Tgt Ion: 91 Resp: 262
 Ion Ratio Lower Upper
 91 100
 92 43.1 27.1 81.2
 134 7.6 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





#90

Hexachloroethane

Concen: 1.882 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.01 min

Lab File: VW012442.D

Acq: 01 Sep 2019 12:40

Instrument :

MSVOA_W

ClientSampled :

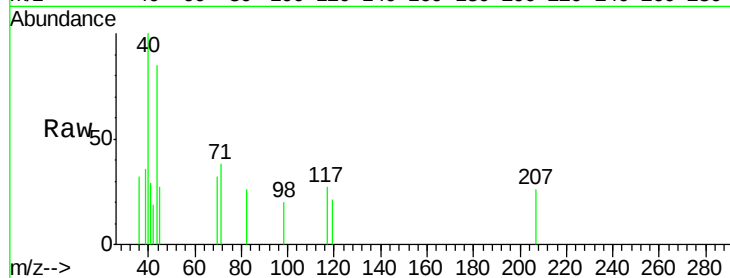
T2-S-A2-(0)

Tot Ion:117 Resp: 52

Ion Ratio Lower Upper

117 100

201 0.0 38.6 115.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

14.10

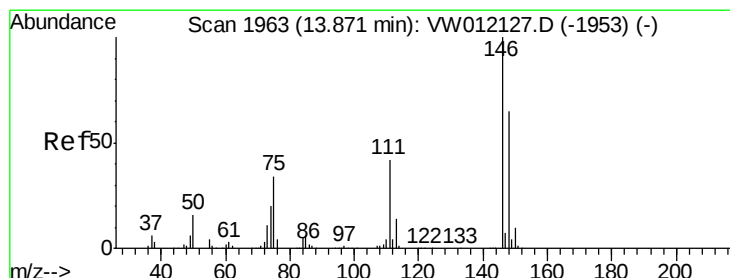
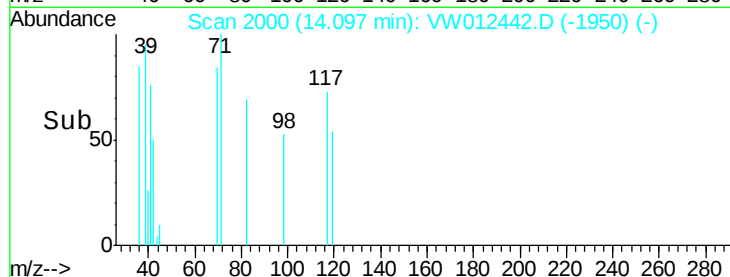
60

40

20

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 2.447 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.01 min

Lab File: VW012442.D

Acq: 01 Sep 2019 12:40

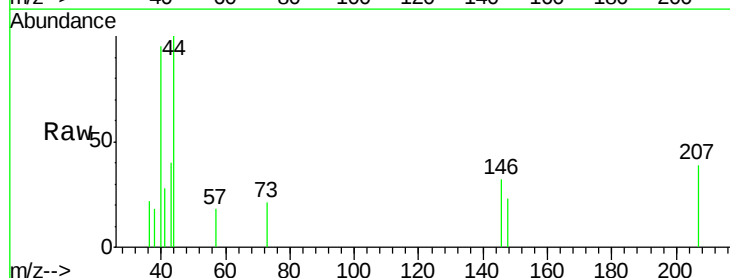
Tgt Ion:146 Resp: 158

Ion Ratio Lower Upper

146 100

111 14.6 21.2 63.6#

148 57.6 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

13.88

100

80

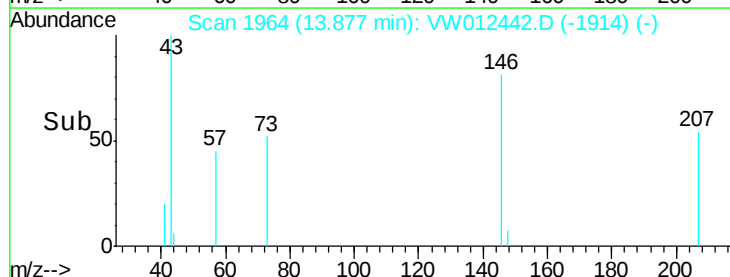
60

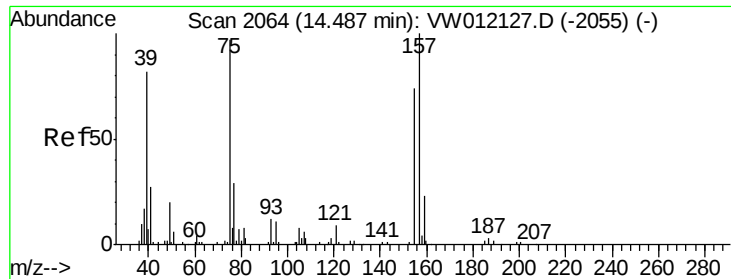
40

20

0

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.907 ug/l

RT: 14.47 min Scan# 2061

Delta R.T. -0.02 min

Lab File: VW012442.D

Acq: 01 Sep 2019 12:40

Instrument :

MSVOA_W

ClientSampleId :

T2-S-A2-(0)

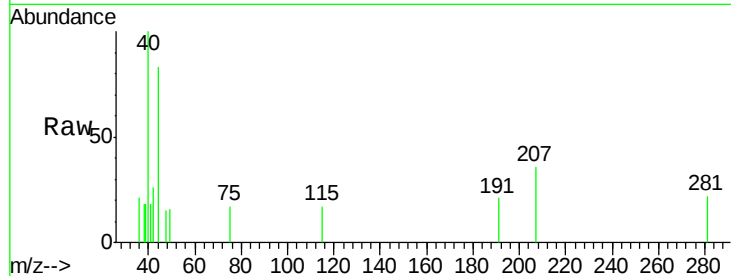
Tot Ion: 75 Resp: 21

Ion Ratio Lower Upper

75 100

155 0.0 37.5 112.3#

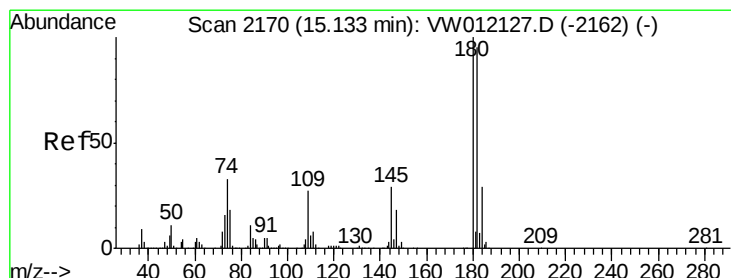
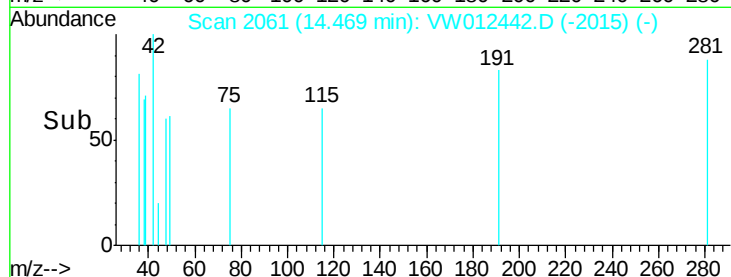
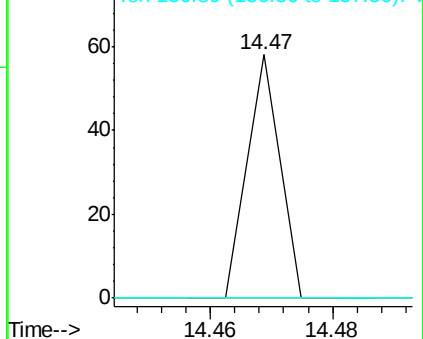
157 0.0 50.5 151.5#



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



#93

1,2,4-Trichlorobenzene

Concen: 3.340 ug/l

RT: 15.15 min Scan# 2172

Delta R.T. 0.01 min

Lab File: VW012442.D

Acq: 01 Sep 2019 12:40

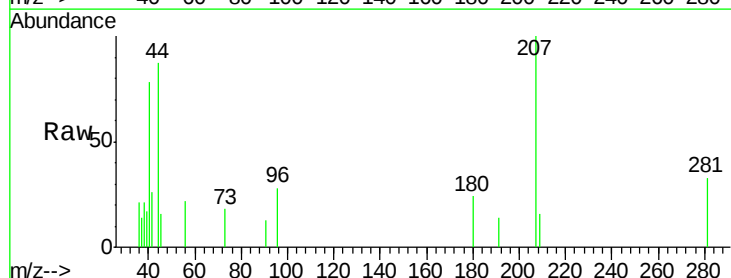
Tgt Ion: 180 Resp: 149

Ion Ratio Lower Upper

180 100

182 51.0 47.8 143.4

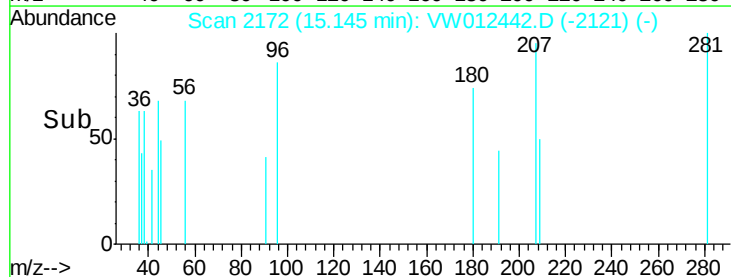
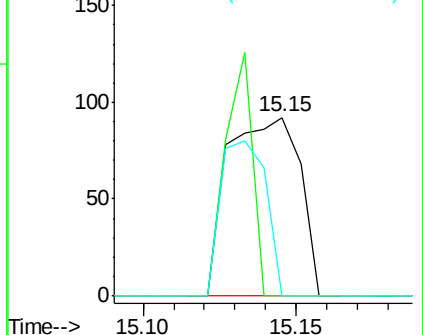
145 54.4 15.0 45.1#

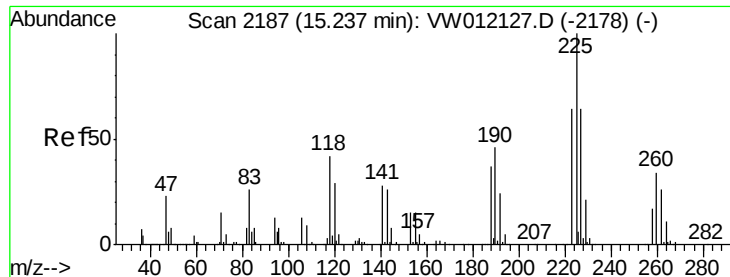


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 3.666 ug/l

RT: 15.24 min Scan# 2188

Delta R.T. 0.01 min

Lab File: VW012442.D

Acq: 01 Sep 2019 12:40

Instrument :

MSVOA_W

ClientSampleId :

T2-S-A2-(0)

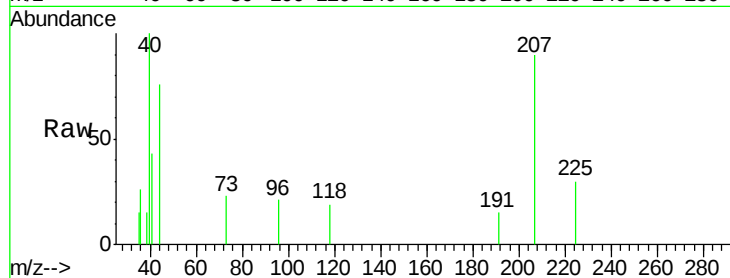
Tot Ion:225 Resp: 108

Ion Ratio Lower Upper

225 100

223 0.0 32.3 96.8#

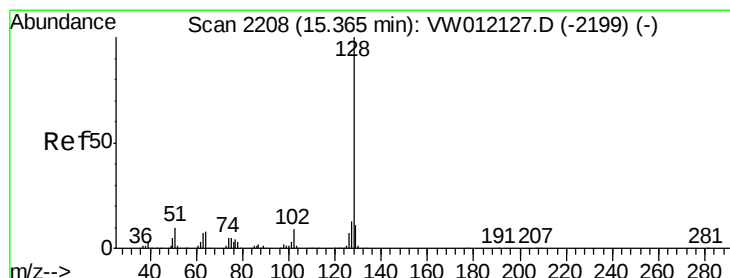
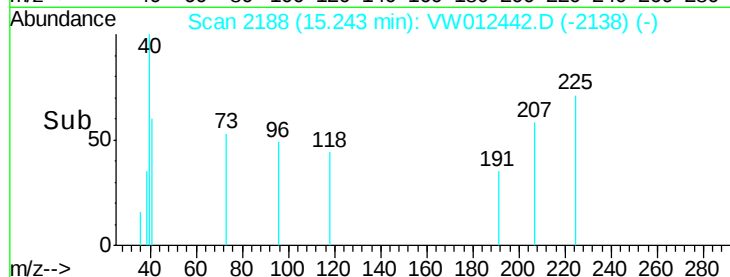
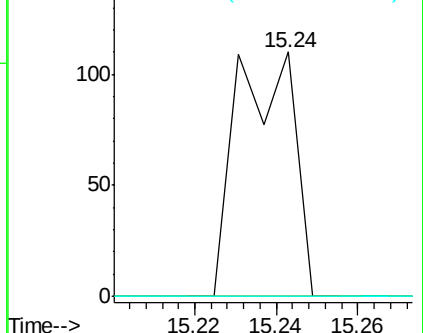
227 0.0 32.9 98.6#



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: 6.805 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW012442.D

Acq: 01 Sep 2019 12:40

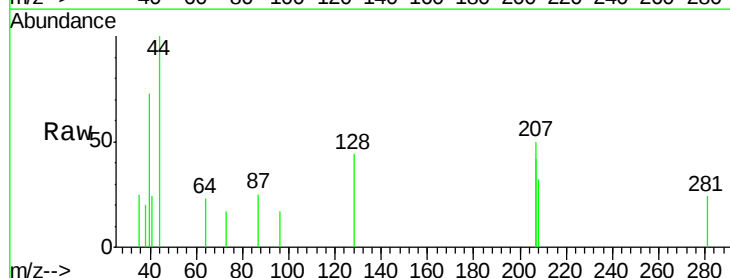
Tgt Ion:128 Resp: 238

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

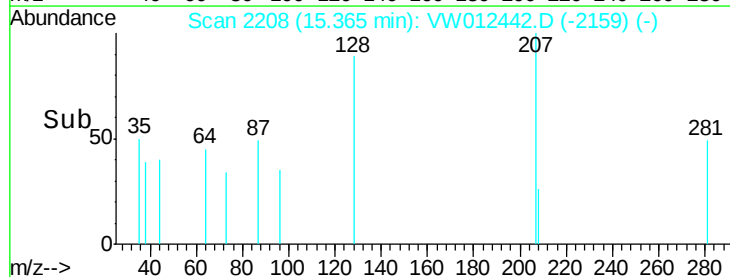
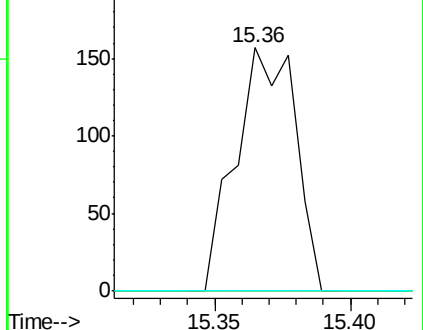
129 0.0 8.7 13.1#

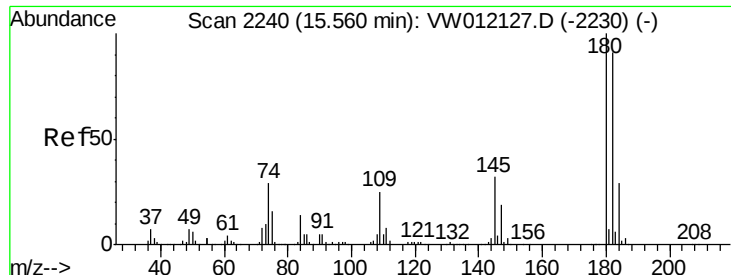


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

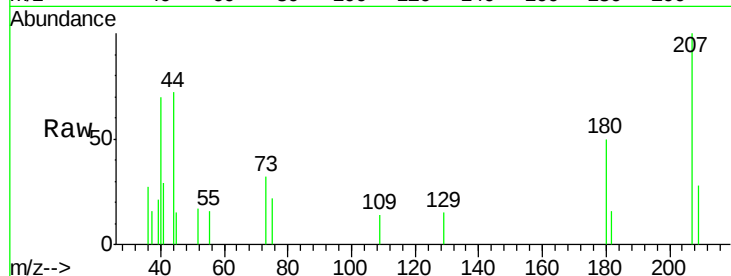




#96
 1,2,3-Trichlorobenzene
 Concen: 5.806 ug/l
 RT: 15.55 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: VW012442.D
 Acq: 01 Sep 2019 12:40

Instrument :
 MSVOA_W
 ClientSampleId :
 T2-S-A2-(0)

Tot Ion:180 Resp: 226
 Ion Ratio Lower Upper
 180 100
 182 70.4 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

