

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090419\
 Data File : VW012625.D
 Acq On : 05 Sep 2019 07:51
 Operator : SY/VA
 Sample : K4547-18
 Misc : 7.80G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T12-2-(0)

Quant Time: Sep 05 10:48:32 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	3834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	4851	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	375	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	2394	52.53	ug/l	0.00
Spiked Amount			Recovery	=	105.06%	
35) Dibromofluoromethane	7.89	113	2112	72.94	ug/l	0.00
Spiked Amount			Recovery	=	145.88%	
50) Toluene-d8	10.32	98	3405	29.00	ug/l	0.00
Spiked Amount			Recovery	=	58.00%	
62) 4-Bromofluorobenzene	12.63	95	738	17.83	ug/l	0.01
Spiked Amount			Recovery	=	35.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	290	7.929	ug/l #	43
4) Vinyl Chloride	2.23	62	47	1.050	ug/l #	1
6) Chloroethane	2.90	64	100	3.960	ug/l #	45
7) Trichlorofluoromethane	3.06	101	26	1.157	ug/l #	18
8) Diethyl Ether	3.54	74	46	2.156	ug/l #	1
11) Tert butyl alcohol	5.18	59	51	18.594	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	49	1.274	ug/l #	1
13) Acrolein	3.93	56	22	8.521	ug/l #	15
15) Acrylonitrile	5.34	53	20	1.891	ug/l #	68
16) Acetone	4.14	43	283	24.291	ug/l #	47
18) Methyl Acetate	4.67	43	75	2.599	ug/l #	57
20) Methylene Chloride	4.92	84	519	11.784	ug/l #	70
25) 2-Butanone	7.19	43	40	2.527	ug/l #	56
28) Bromochloromethane	7.52	49	62	1.714	ug/l #	24
29) Tetrahydrofuran	7.54	42	93	9.791	ug/l #	42
36) 1,1-Dichloropropene	7.95	75	443	8.837	ug/l #	52
37) Ethyl Acetate	7.25	43	106	3.859	ug/l #	73
38) Carbon Tetrachloride	8.03	117	45	1.037	ug/l #	12
41) Methacrylonitrile	7.48	41	44	2.725	ug/l #	1
43) Isopropyl Acetate	8.40	43	149	2.928	ug/l #	55
48) Methyl methacrylate	9.46	41	156	6.442	ug/l #	29
49) 1,4-Dioxane	9.39	88	25	99.632	ug/l #	17
51) 4-Methyl-2-Pentanone	10.31	43	82	3.168	ug/l #	89
54) cis-1,3-Dichloropropene	10.25	75	54	1.006	ug/l #	28
58) 2-Chloroethyl Vinyl ether	9.91	63	20	1.155	ug/l #	50
59) 2-Hexanone	11.05	43	78	4.259	ug/l #	64
60) Dibromochloromethane	11.34	129	27	1.045	ug/l #	11
69) o-Xylene	11.91	106	22	1.047	ug/l #	1
71) Bromoform	12.60	173	24	4.222	ug/l #	28
73) Isopropylbenzene	12.49	105	84	2.989	ug/l #	50
74) N-amyl acetate	12.27	43	22	2.591	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.64	83	56	10.871	ug/l #	26
76) 1,2,3-Trichloropropane	12.66	75	30	8.214	ug/l #	100
78) n-propylbenzene	12.81	91	98	2.857	ug/l #	55

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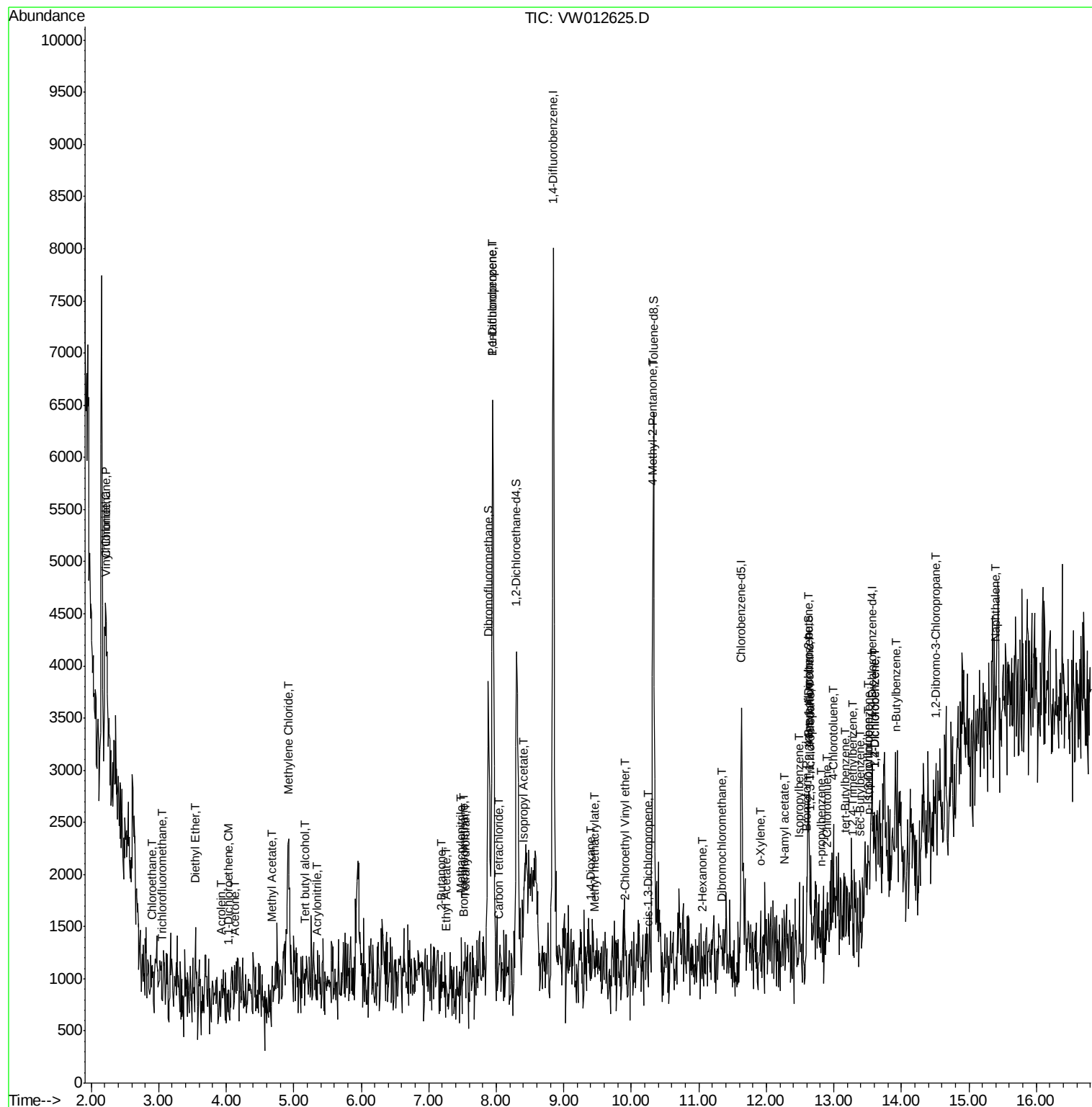
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	12.91	91	49	2.516	ug/l #	43
81) trans-1,4-Dichloro-2-buten	12.62	75	260	156.085	ug/l #	36
82) 4-Chlorotoluene	12.99	91	76	3.727	ug/l #	43
83) tert-Butylbenzene	13.17	119	20	1.006	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.27	105	28	1.187	ug/l #	32
85) sec-Butylbenzene	13.38	105	114	4.001	ug/l #	57
86) p-Isopropyltoluene	13.52	119	33	1.297	ug/l #	42
87) 1,3-Dichlorobenzene	13.51	146	20	1.682	ug/l #	1
88) 1,4-Dichlorobenzene	13.61	146	24	2.033	ug/l #	17
89) n-Butylbenzene	13.93	91	91	3.596	ug/l	94
91) 1,2-Dichlorobenzene	13.61	146	24	2.301	ug/l #	20
92) 1,2-Dibromo-3-Chloropropan	14.51	75	52	59.877	ug/l #	47
95) Naphthalene	15.40	128	56	7.938	ug/l #	34

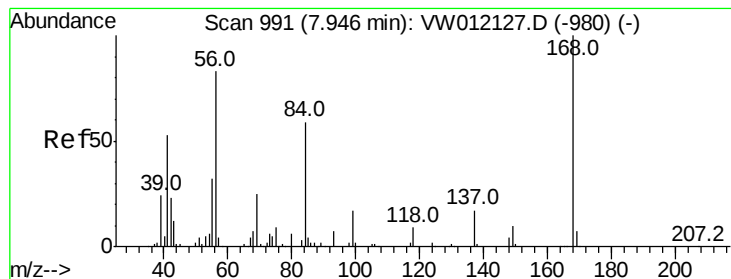
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090419\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012625.D

Acq: 05 Sep 2019 07:51

Instrument :

MSVOA_W

ClientSampled :

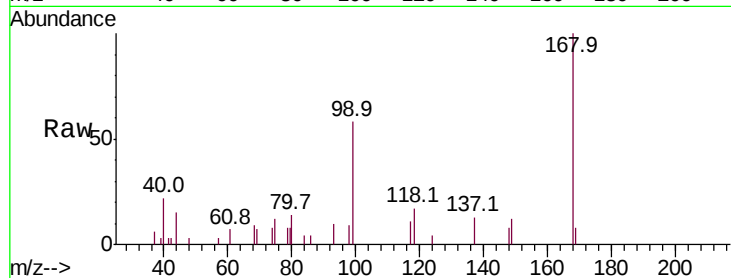
T12-2-(0)

Tot Ion:168 Resp: 3834

Ion Ratio Lower Upper

168 100

99 58.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

1500

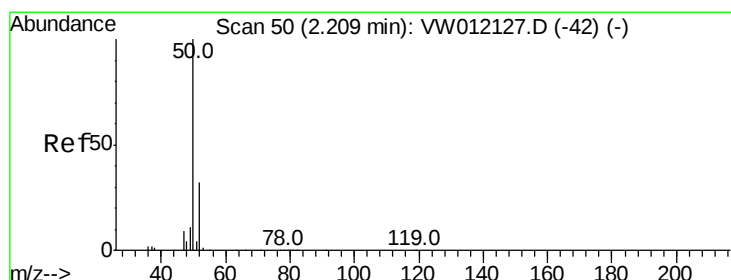
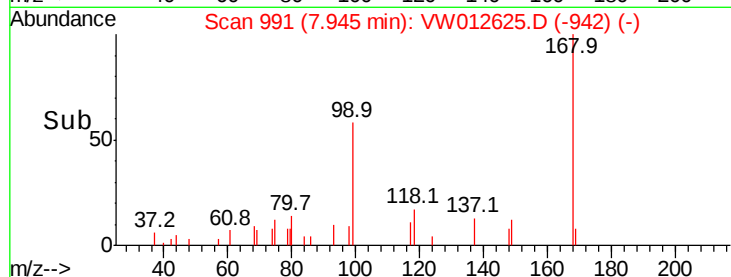
1000

500

0

7.90 7.95 8.00

Time-->



#3

Chloromethane

Concen: 7.929 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW012625.D

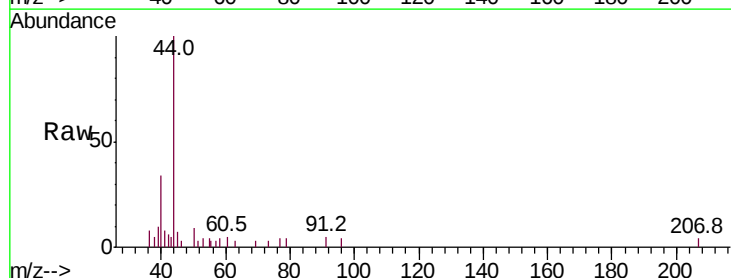
Acq: 05 Sep 2019 07:51

Tgt Ion: 50 Resp: 290

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

150

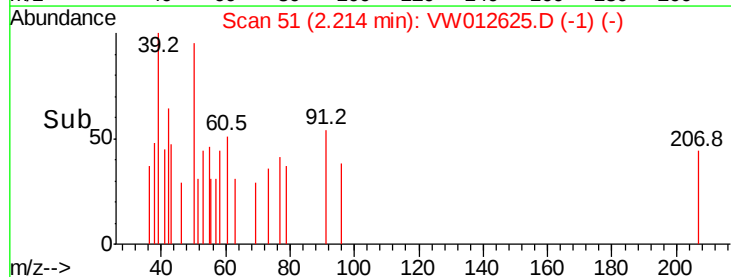
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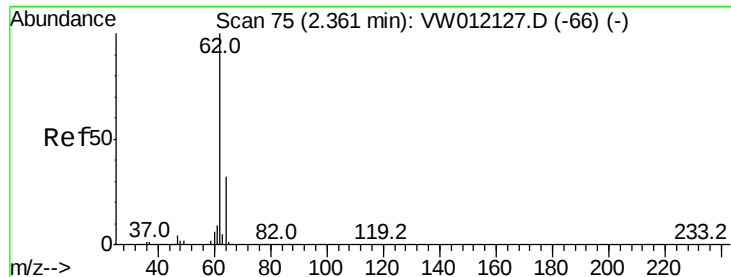
50

0

2.20 2.21 2.22 2.23 2.24 2.25

Time-->





#4

Vinyl Chloride

Concen: 1.050 ug/l

RT: 2.23 min Scan# 53

Delta R.T. -0.13 min

Lab File: VW012625.D

Acq: 05 Sep 2019 07:51

Instrument :

MSVOA_W

ClientSampled :

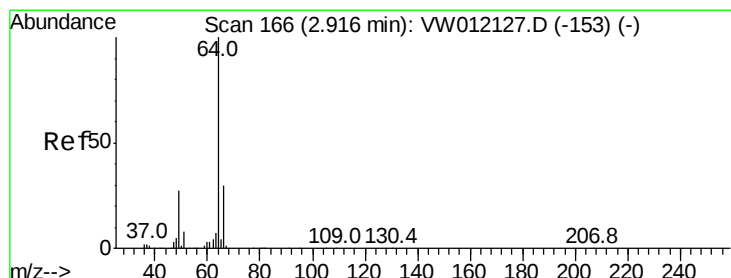
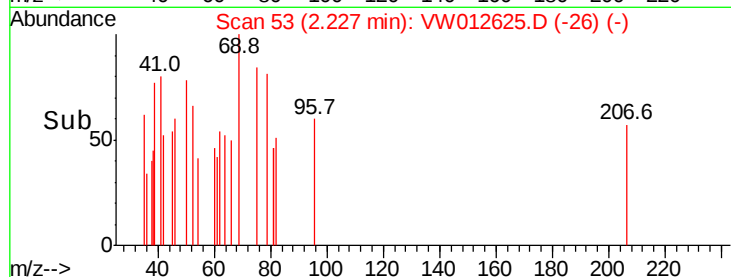
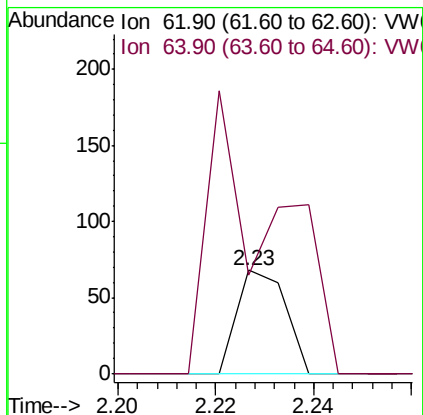
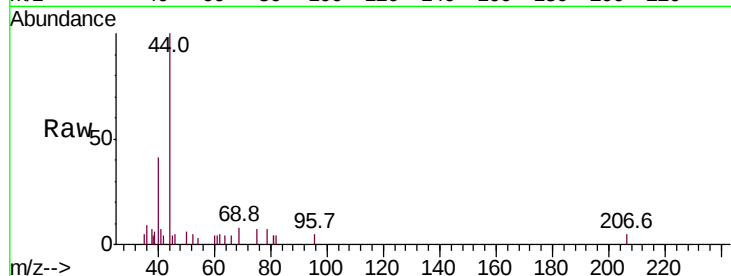
T12-2-(0)

Tot Ion: 62 Resp: 47

Ion Ratio Lower Upper

62 100

64 95.6 25.3 37.9#



#6

Chloroethane

Concen: 3.960 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.02 min

Lab File: VW012625.D

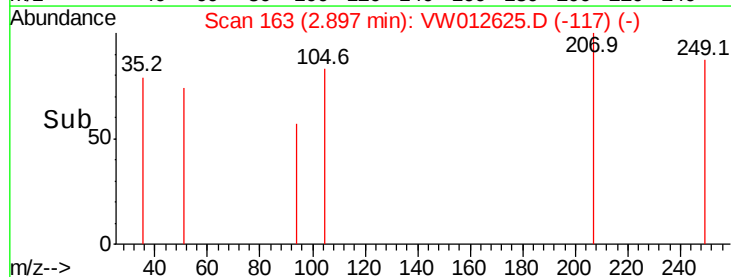
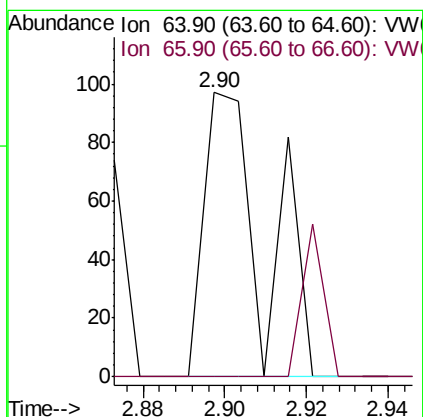
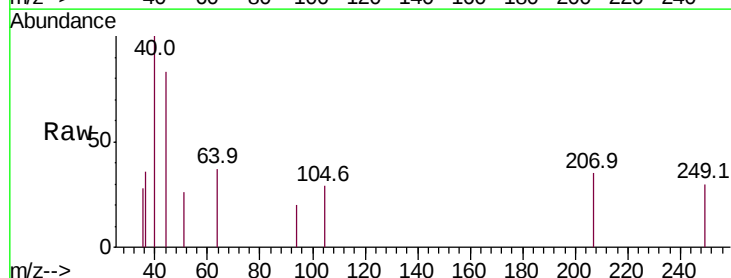
Acq: 05 Sep 2019 07:51

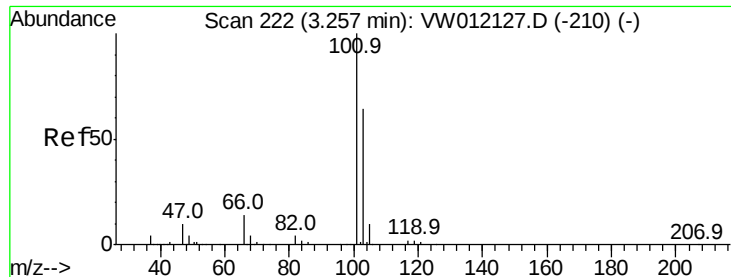
Tgt Ion: 64 Resp: 100

Ion Ratio Lower Upper

64 100

66 0.0 23.8 35.8#



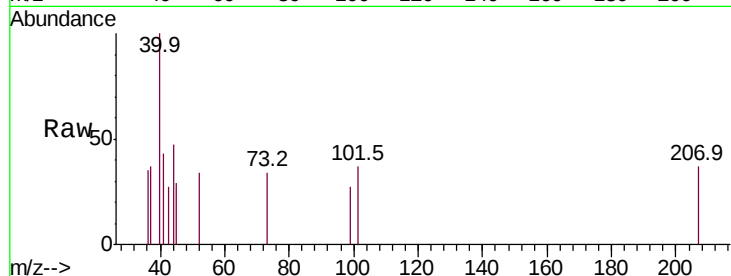


#7

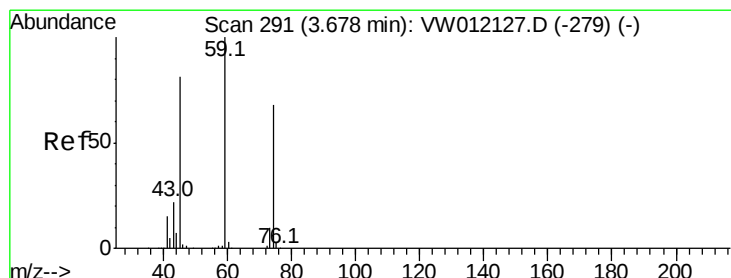
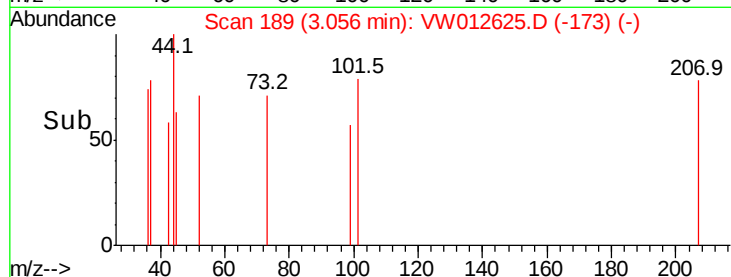
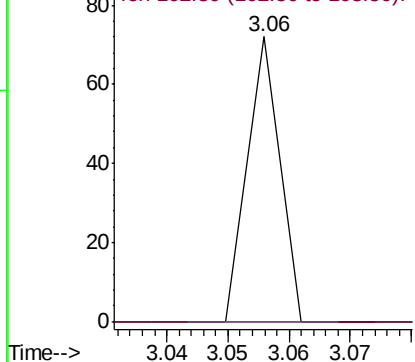
Trichlorofluoromethane
 Concen: 1.157 ug/l
 RT: 3.06 min Scan# 189
 Delta R.T. -0.20 min
 Lab File: VW012625.D
 Acq: 05 Sep 2019 07:51

Instrument :
 MSVOA_W
 ClientSampleId :
 T12-2-(0)

Tot Ion:101 Resp: 26
 Ion Ratio Lower Upper
 101 100
 103 0.0 51.2 76.8#



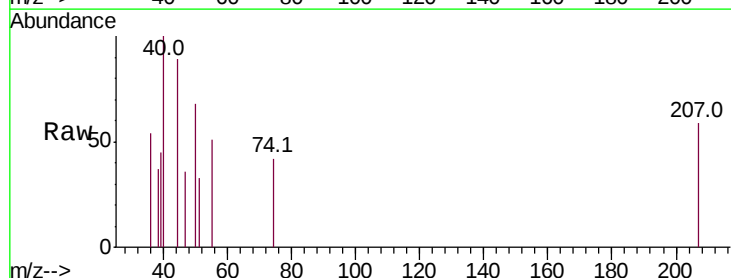
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



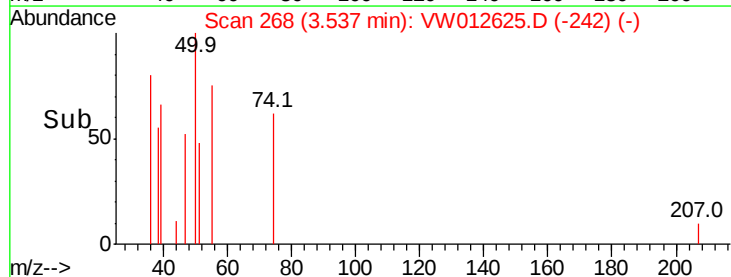
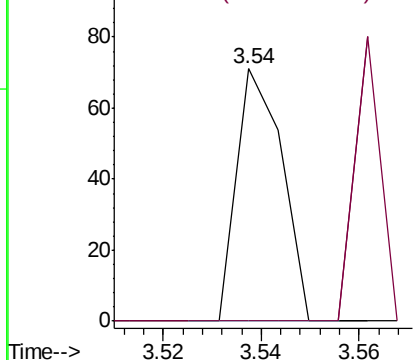
#8

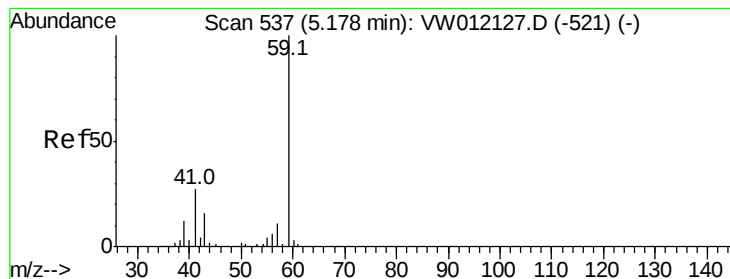
Diethyl Ether
 Concen: 2.156 ug/l
 RT: 3.54 min Scan# 268
 Delta R.T. -0.14 min
 Lab File: VW012625.D
 Acq: 05 Sep 2019 07:51

Tgt Ion: 74 Resp: 46
 Ion Ratio Lower Upper
 74 100
 45 0.0 59.2 177.6#



Abundance Ion 74.00 (73.70 to 74.70): VW
 Ion 45.00 (44.70 to 45.70): VW



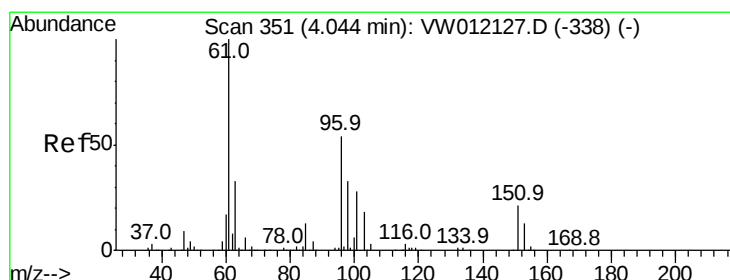
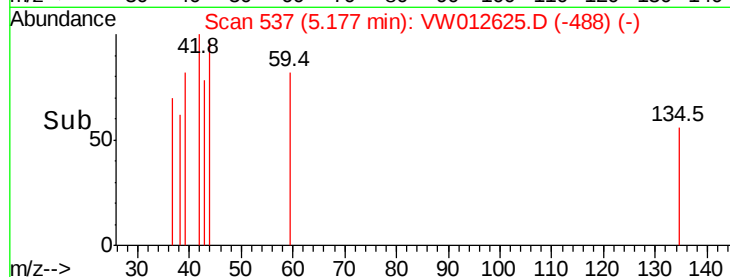
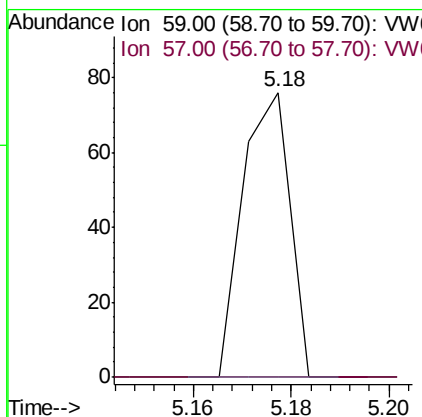
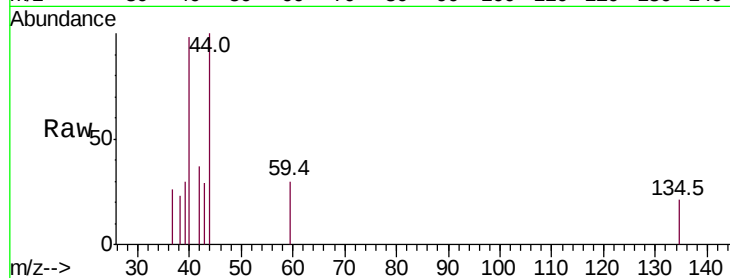


#11

Tert butyl alcohol
Concen: 18.594 ug/l
RT: 5.18 min Scan# 537
Delta R.T. -0.00 min
Lab File: VW012625.D
Acq: 05 Sep 2019 07:51

Instrument :
MSVOA_W
ClientSampled :
T12-2-(0)

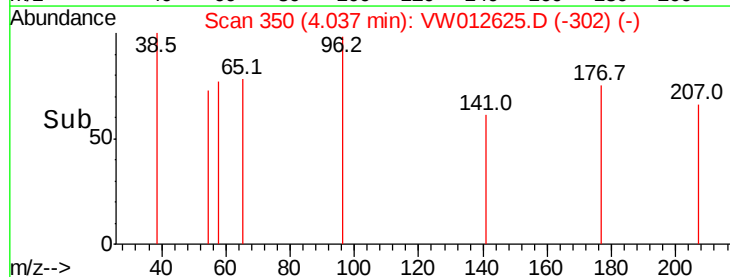
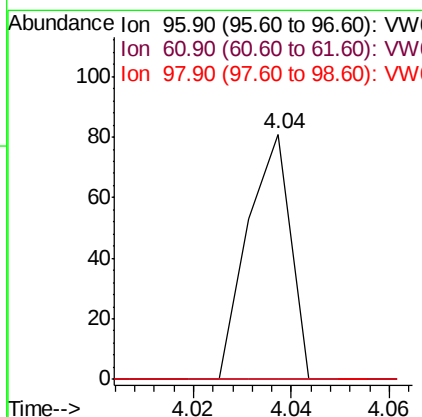
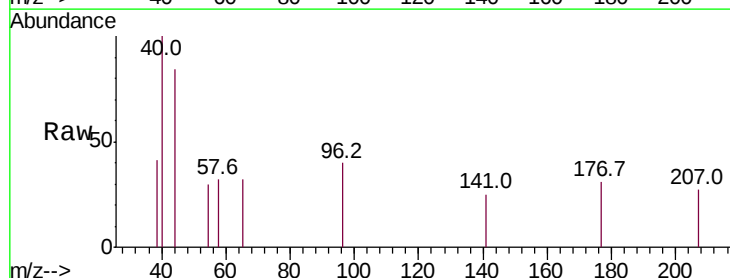
Tot Ion: 59 Resp: 51
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#

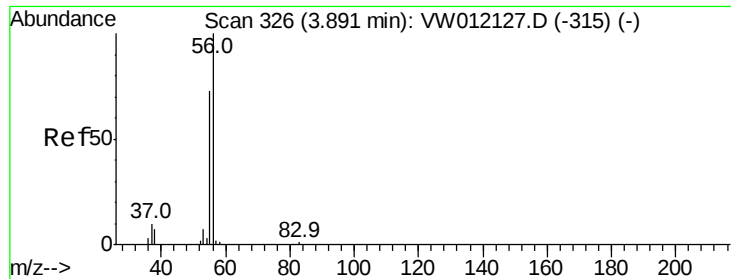


#12

1,1-Dichloroethene
Concen: 1.274 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012625.D
Acq: 05 Sep 2019 07:51

Tgt Ion: 96 Resp: 49
Ion Ratio Lower Upper
96 100
61 0.0 149.1 223.7#
98 0.0 49.4 74.2#





#13

Acrolein

Concen: 8.521 ug/l

RT: 3.93 min Scan# 332

Delta R.T. 0.04 min

Lab File: VW012625.D

Acq: 05 Sep 2019 07:51

Instrument :

MSVOA_W

ClientSampled :

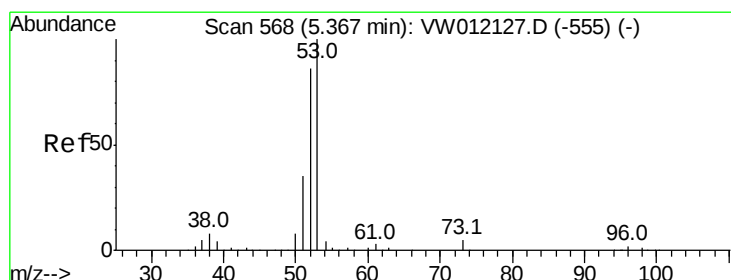
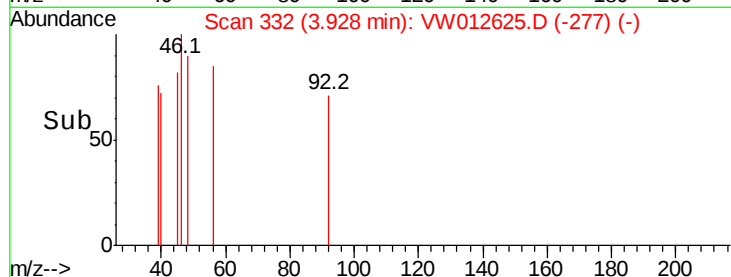
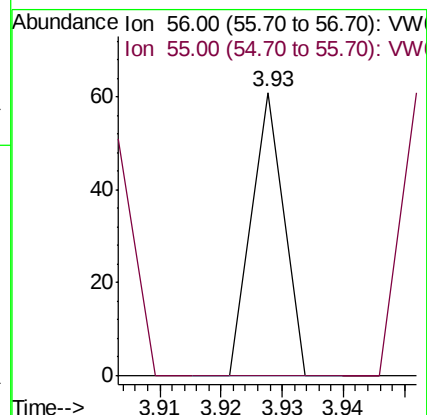
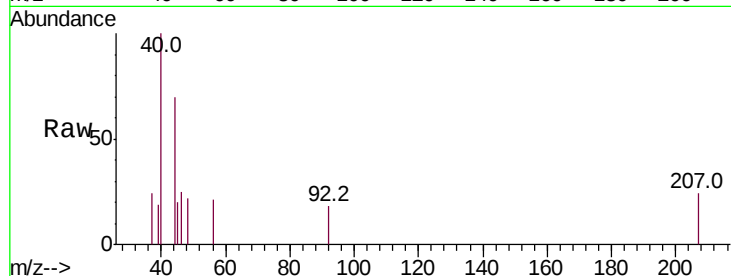
T12-2-(0)

Tot Ion: 56 Resp: 22

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.8#



#15

Acrylonitrile

Concen: 1.891 ug/l

RT: 5.34 min Scan# 564

Delta R.T. -0.02 min

Lab File: VW012625.D

Acq: 05 Sep 2019 07:51

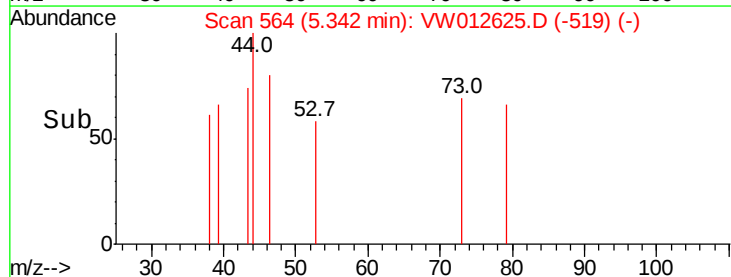
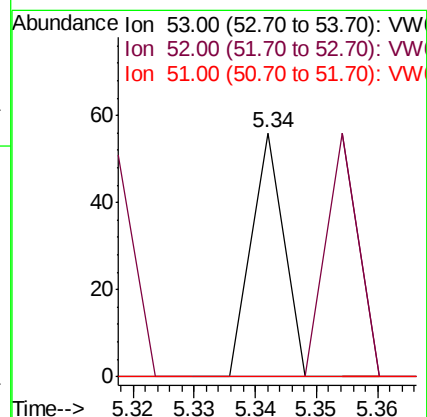
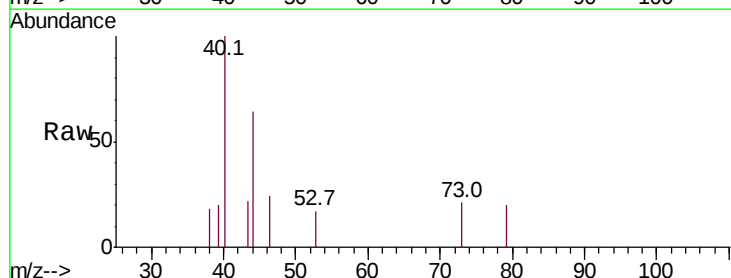
Tgt Ion: 53 Resp: 20

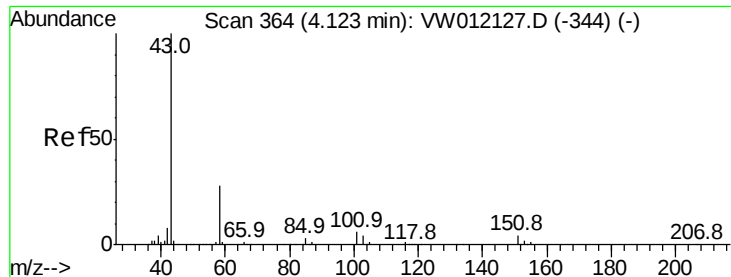
Ion Ratio Lower Upper

53 100

52 100.0 66.7 100.1

51 0.0 30.1 45.1#





#16

Acetone

Concen: 24.291 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012625.D

Acq: 05 Sep 2019 07:51

Instrument :

MSVOA_W

ClientSampleId :

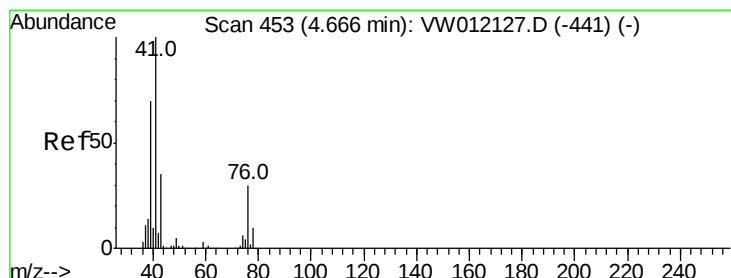
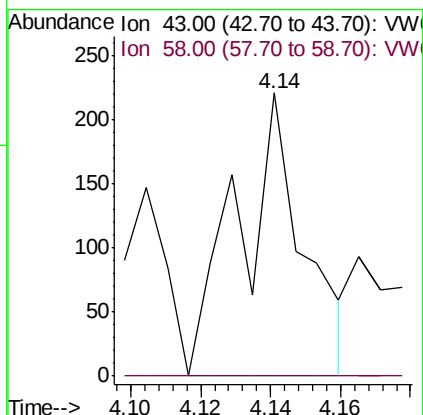
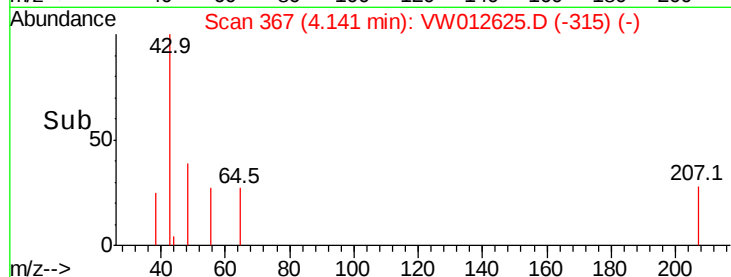
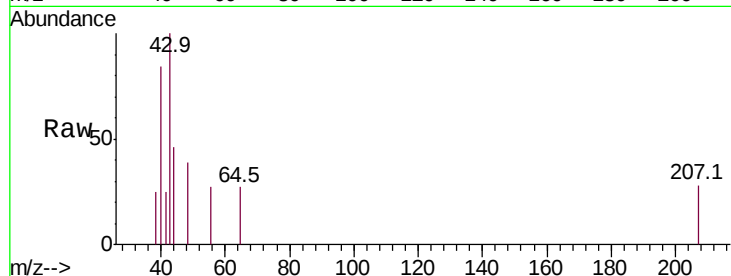
T12-2-(0)

Tot Ion: 43 Resp: 283

Ion Ratio Lower Upper

43 100

58 0.0 22.4 33.6#



#18

Methyl Acetate

Concen: 2.599 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW012625.D

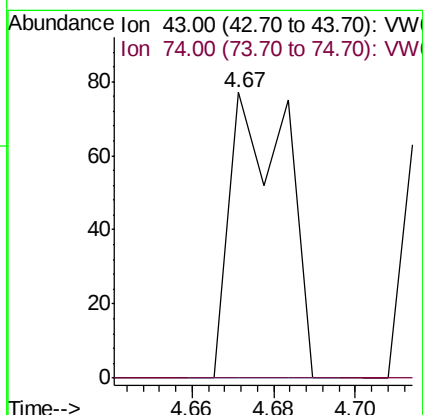
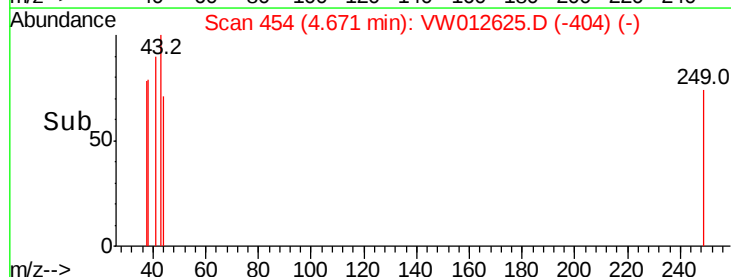
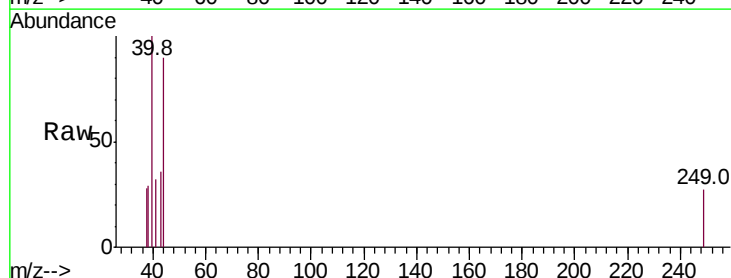
Acq: 05 Sep 2019 07:51

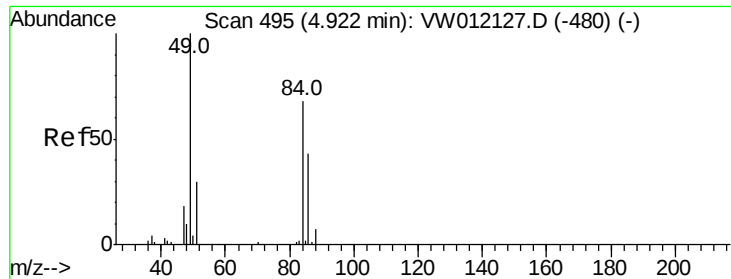
Tgt Ion: 43 Resp: 75

Ion Ratio Lower Upper

43 100

74 0.0 15.7 23.5#





#20

Methylene Chloride

Concen: 11.784 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012625.D

Acq: 05 Sep 2019 07:51

Instrument :

MSVOA_W

ClientSampled :

T12-2-(0)

Tot Ion: 84 Resp: 519

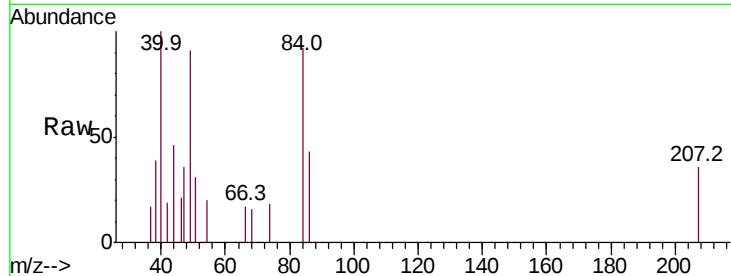
Ion Ratio Lower Upper

84 100

49 99.0 117.8 176.8#

51 34.4 35.6 53.4#

86 47.3 51.2 76.8#

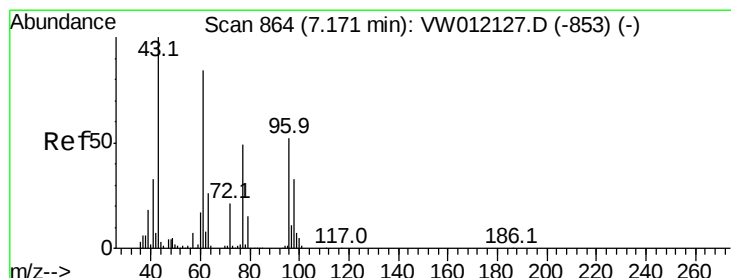
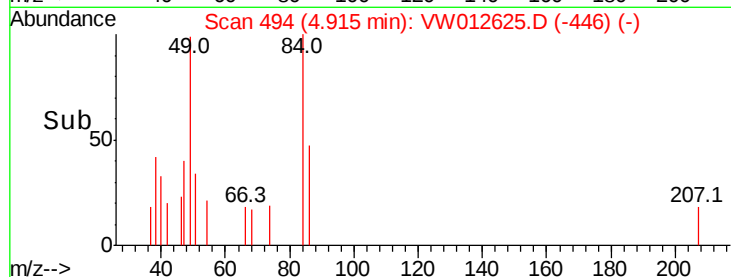
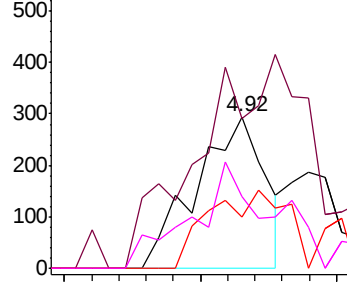


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 2.527 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.02 min

Lab File: VW012625.D

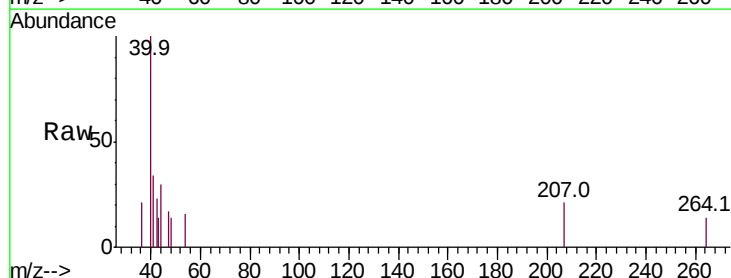
Acq: 05 Sep 2019 07:51

Tgt Ion: 43 Resp: 40

Ion Ratio Lower Upper

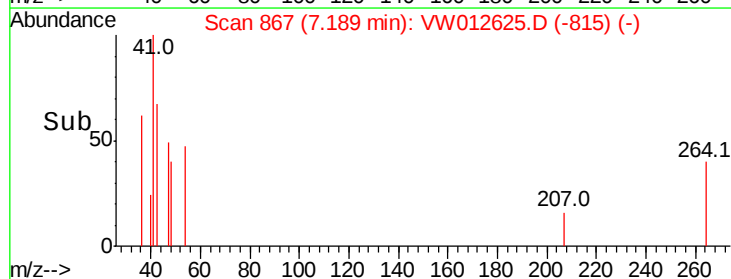
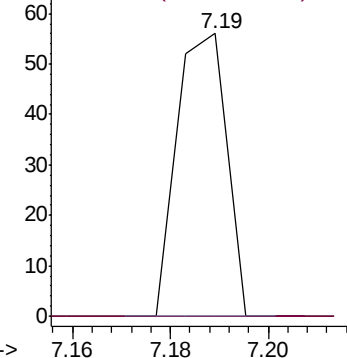
43 100

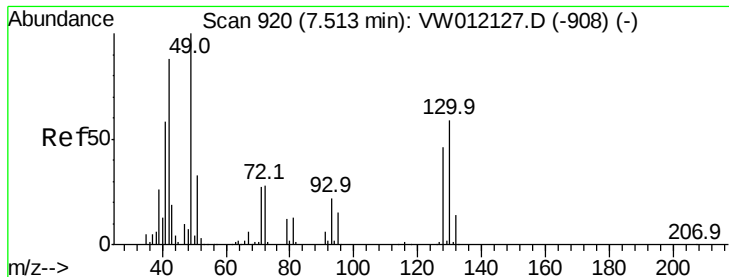
72 0.0 16.6 24.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#28

Bromochloromethane

Concen: 1.714 ug/l

RT: 7.52 min Scan# 922

Delta R.T. 0.01 min

Lab File: VW012625.D

Acq: 05 Sep 2019 07:51

Instrument :

MSVOA_W

ClientSampled :

T12-2-(0)

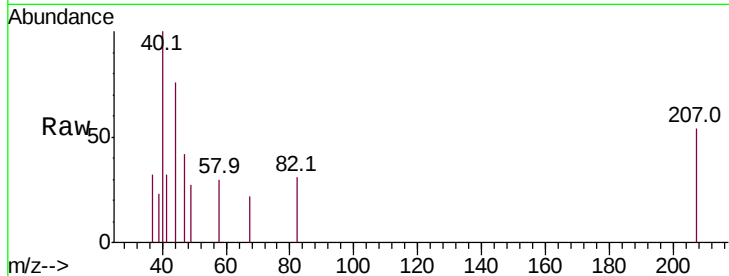
Tot Ion: 49 Resp: 62

Ion Ratio Lower Upper

49 100

129 0.0 0.0 1.4

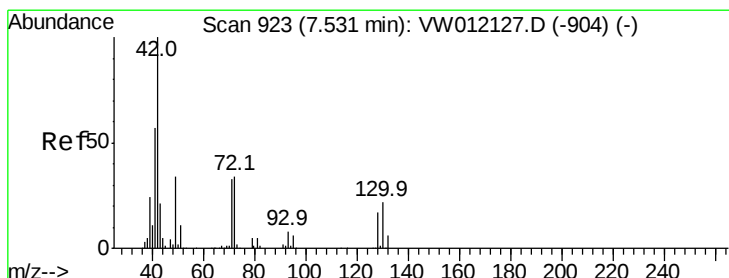
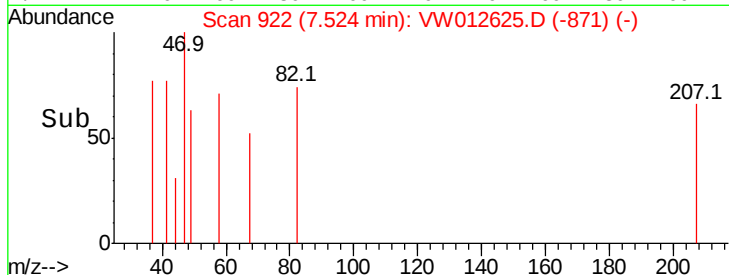
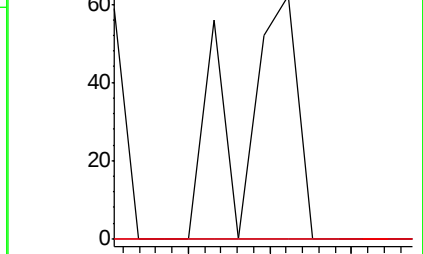
130 0.0 45.5 68.3#



Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): VW

Ion 129.80 (129.50 to 130.50): VW



#29

Tetrahydrofuran

Concen: 9.791 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW012625.D

Acq: 05 Sep 2019 07:51

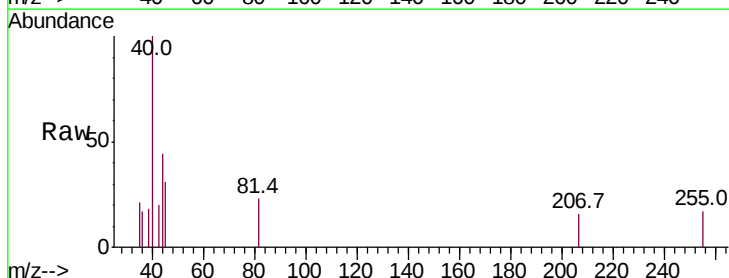
Tgt Ion: 42 Resp: 93

Ion Ratio Lower Upper

42 100

72 0.0 27.3 40.9#

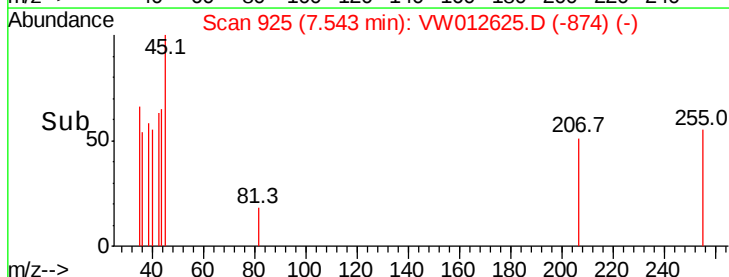
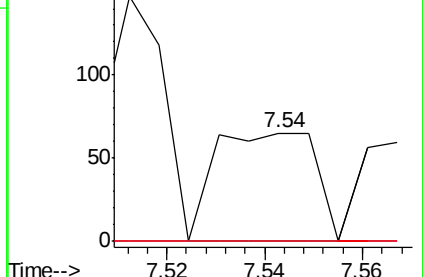
71 0.0 25.5 38.3#

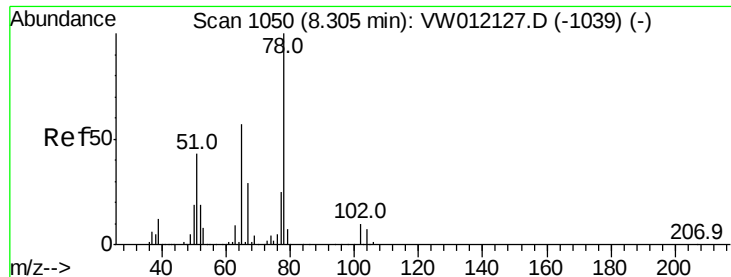


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

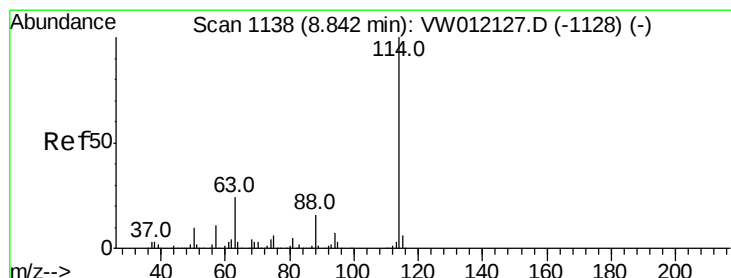
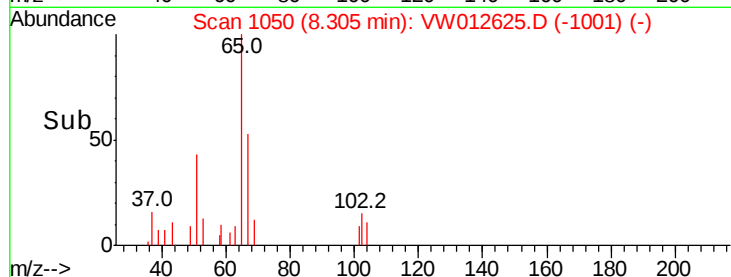
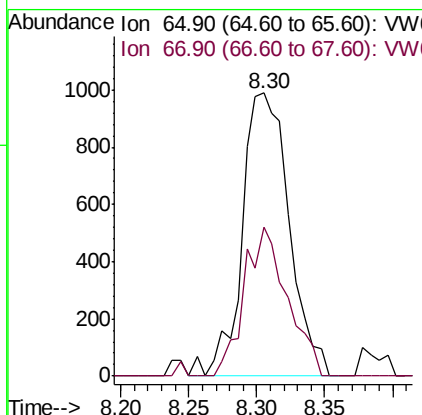
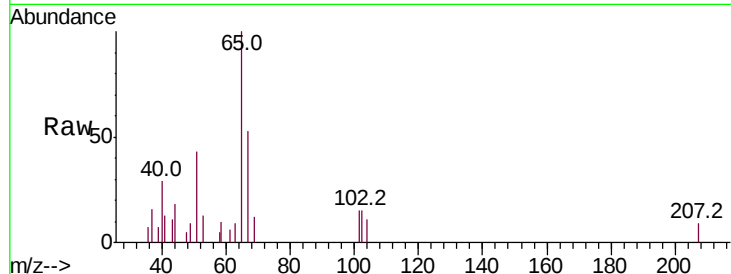




#33
 1,2-Dichloroethane-d4
 Concen: 52.527 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012625.D
 Acq: 05 Sep 2019 07:51

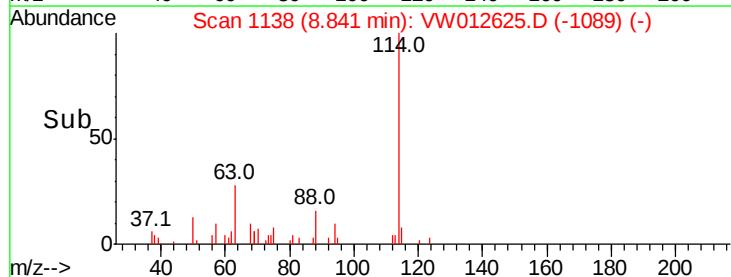
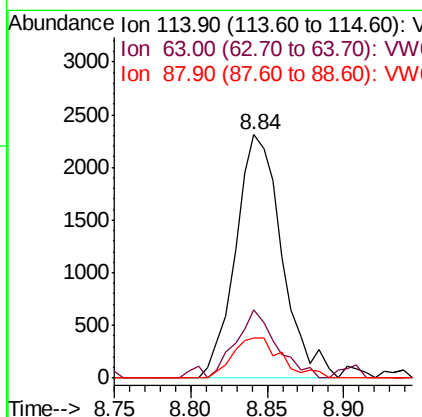
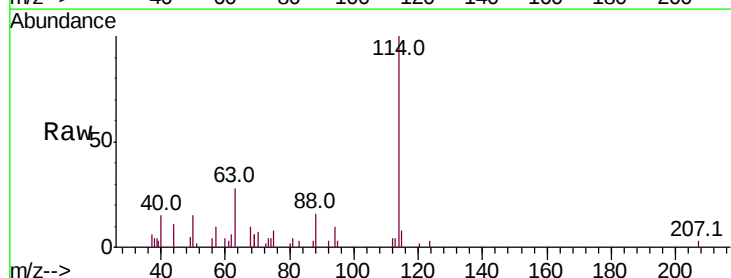
Instrument :
 MSVOA_W
 ClientSampled :
 T12-2-(0)

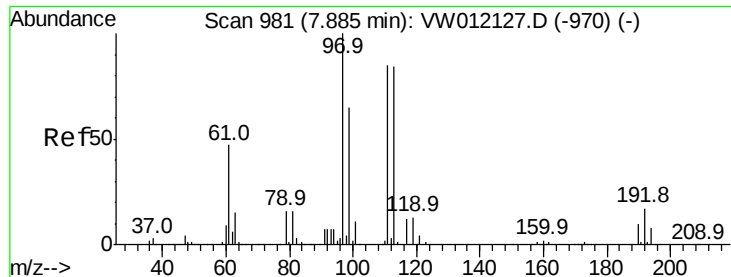
Tot Ion: 65 Resp: 2394
 Ion Ratio Lower Upper
 65 100
 67 48.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012625.D
 Acq: 05 Sep 2019 07:51

Tgt Ion: 114 Resp: 4851
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 48.6
 88 16.3 0.0 32.2

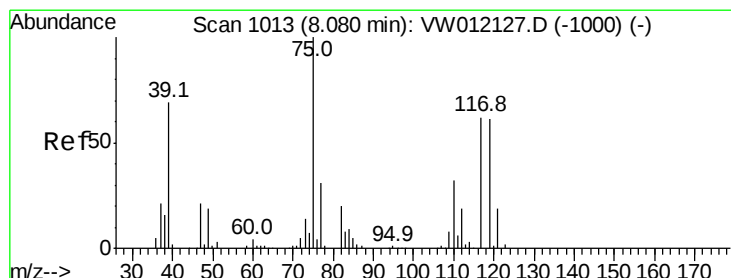
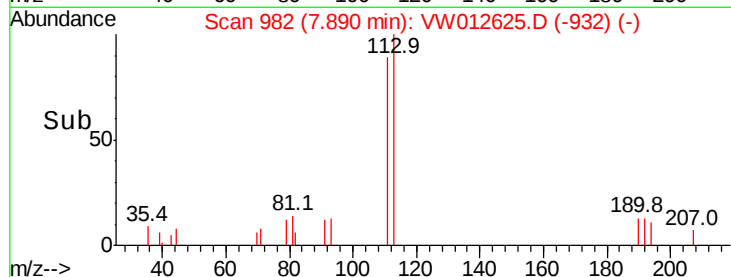
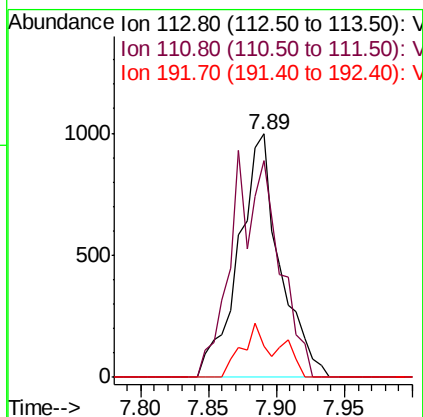
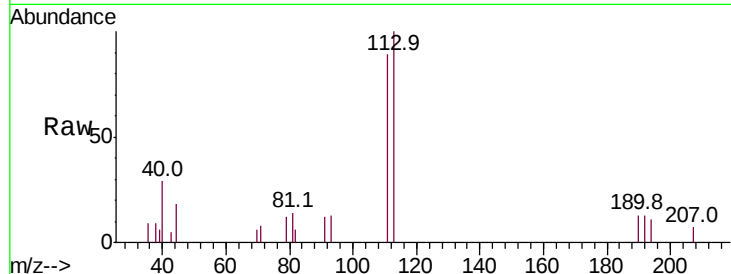




#35
 Dibromofluoromethane
 Concen: 72.939 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW012625.D
 Acq: 05 Sep 2019 07:51

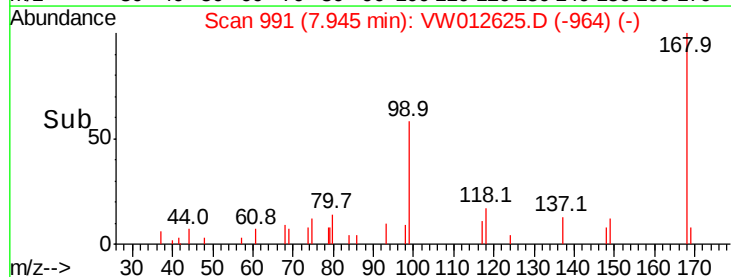
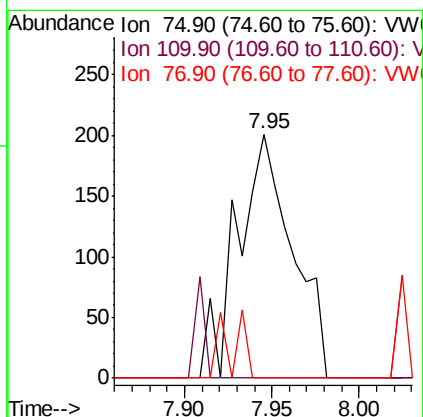
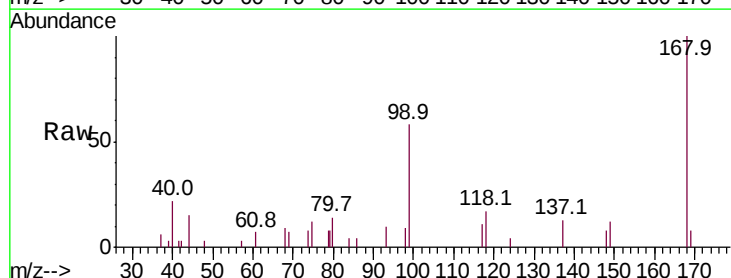
Instrument :
 MSVOA_W
 ClientSampleId :
 T12-2-(0)

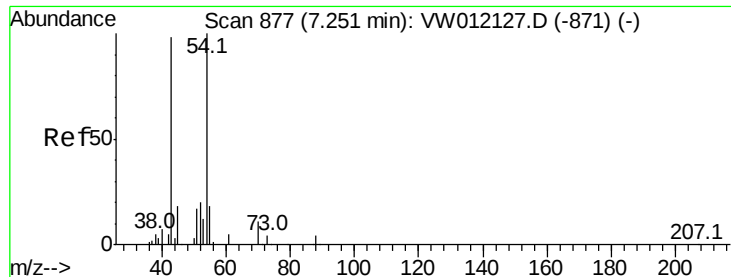
Tot Ion:113 Resp: 2112
 Ion Ratio Lower Upper
 113 100
 111 42.9 82.7 124.1#
 192 12.9 16.2 24.2#



#36
 1,1-Dichloropropene
 Concen: 8.837 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012625.D
 Acq: 05 Sep 2019 07:51

Tgt Ion: 75 Resp: 443
 Ion Ratio Lower Upper
 75 100
 110 0.0 15.6 46.8#
 77 9.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 3.859 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW012625.D

Acq: 05 Sep 2019 07:51

Instrument :

MSVOA_W

ClientSampleId :

T12-2-(0)

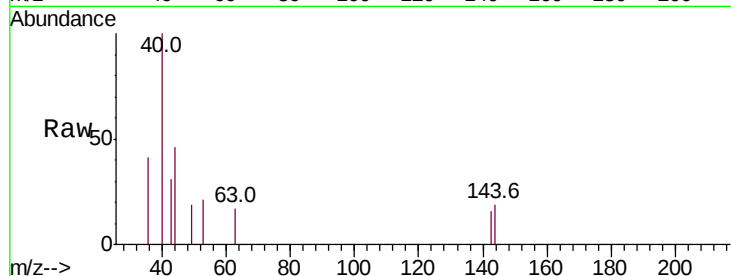
Tot Ion: 43 Resp: 106

Ion Ratio Lower Upper

43 100

61 0.0 9.2 13.8#

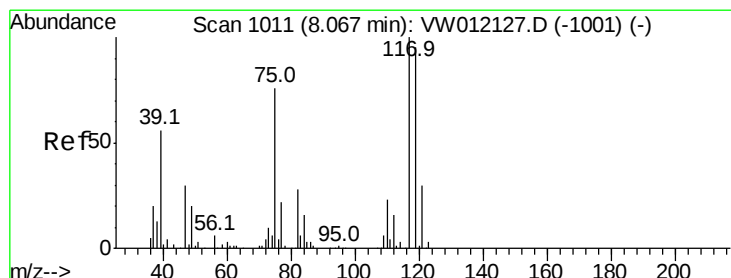
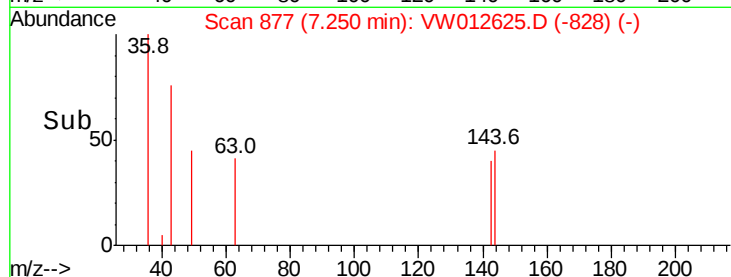
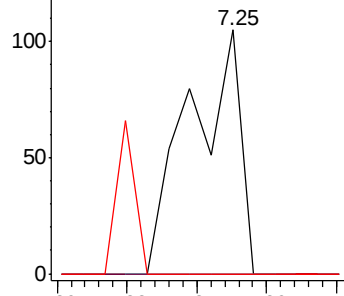
70 0.0 6.9 10.3#



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: 1.037 ug/l

RT: 8.03 min Scan# 1005

Delta R.T. -0.04 min

Lab File: VW012625.D

Acq: 05 Sep 2019 07:51

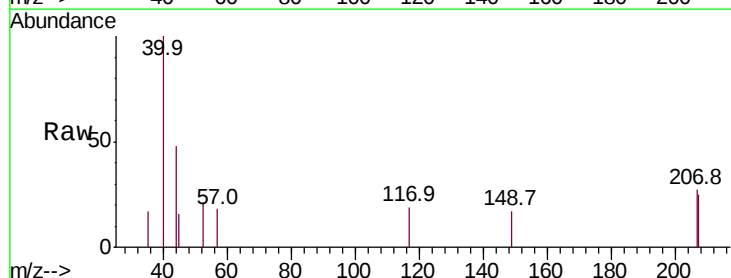
Tgt Ion: 117 Resp: 45

Ion Ratio Lower Upper

117 100

119 0.0 76.2 114.2#

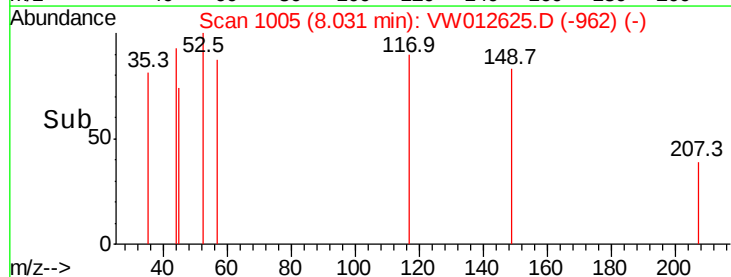
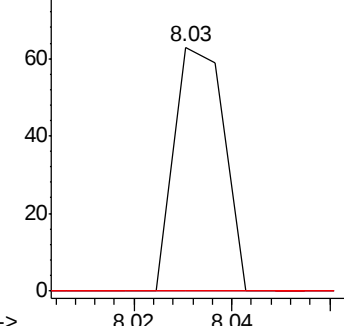
121 0.0 23.8 35.8#

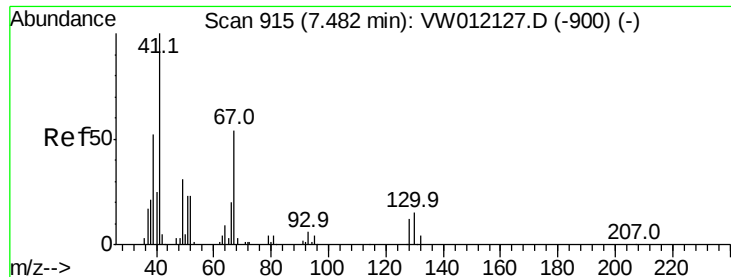


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

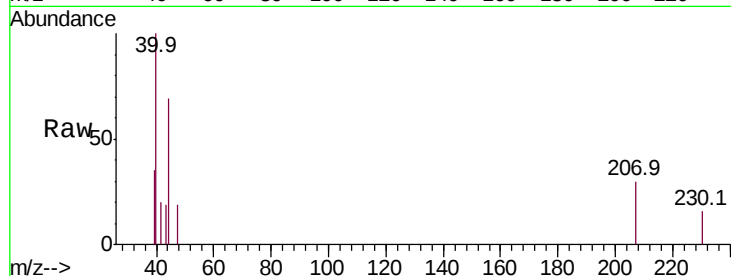




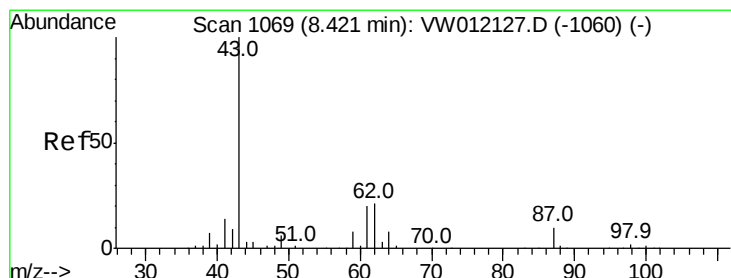
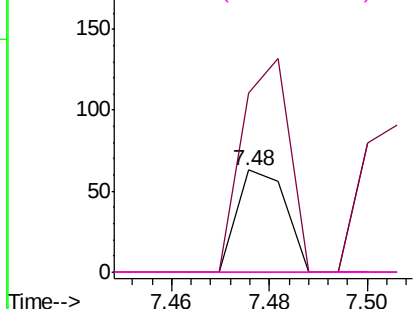
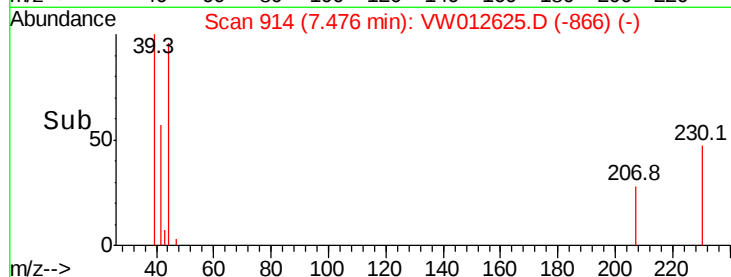
#41
Methacrylonitrile
Concen: 2.725 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012625.D
Acq: 05 Sep 2019 07:51

Instrument :
MSVOA_W
ClientSampled :
T12-2-(0)

Tot Ion:	41	Resp:	44
Ion	Ratio	Lower	Upper
41	100		
39	202.3	45.8	68.8#
67	0.0	46.2	69.4#
52	0.0	21.0	31.6#

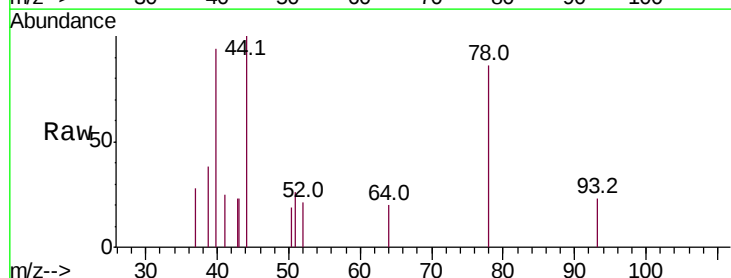


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

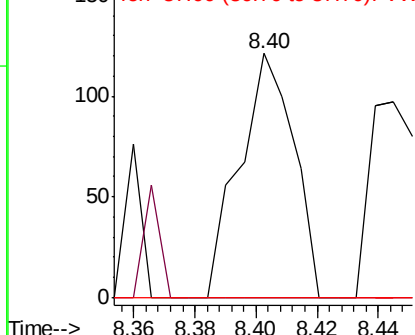
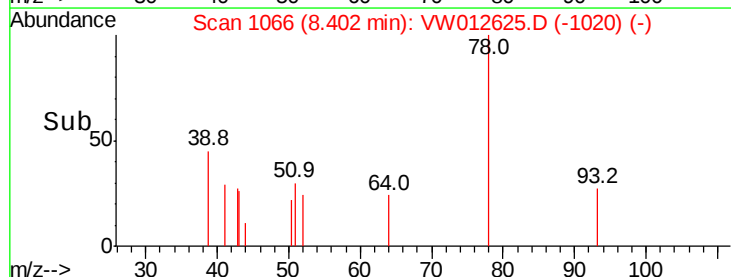


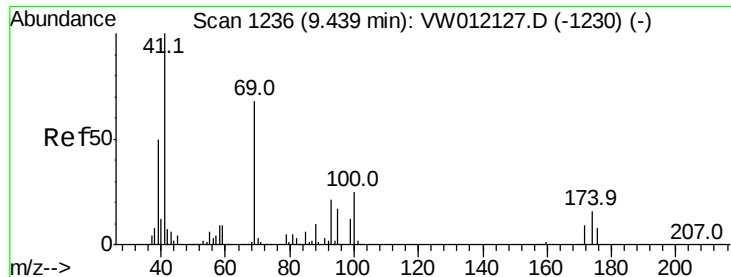
#43
Isopropyl Acetate
Concen: 2.928 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.02 min
Lab File: VW012625.D
Acq: 05 Sep 2019 07:51

Tgt Ion:	43	Resp:	149
Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.1	31.7#
87	0.0	8.2	12.2#



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





#48

Methyl methacrylate

Concen: 6.442 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.02 min

Lab File: VW012625.D

Acq: 05 Sep 2019 07:51

Instrument :

MSVOA_W

ClientSampled :

T12-2-(0)

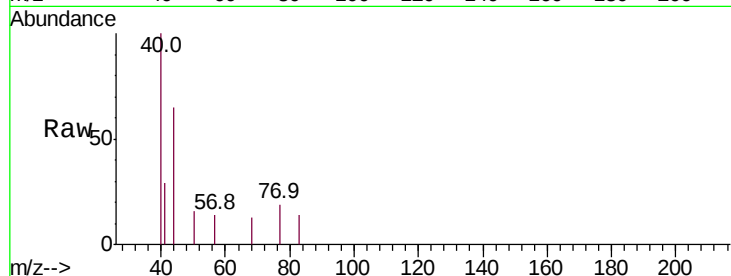
Tot Ion: 41 Resp: 156

Ion Ratio Lower Upper

41 100

69 0.0 56.7 85.1#

39 16.7 42.0 63.0#



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

9.46

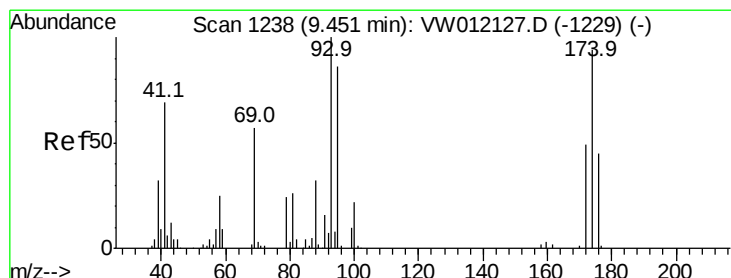
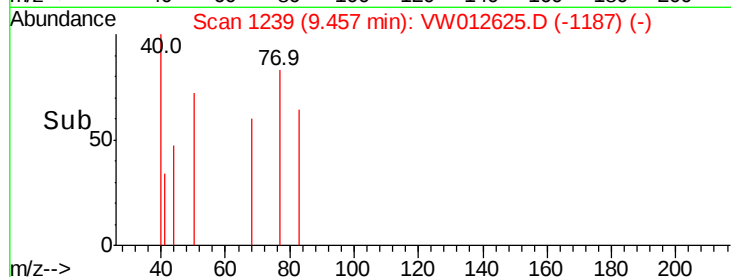
100

50

0

9.42 9.44 9.46 9.48

Time-->



#49

1,4-Dioxane

Concen: 99.632 ug/l

RT: 9.39 min Scan# 1228

Delta R.T. -0.06 min

Lab File: VW012625.D

Acq: 05 Sep 2019 07:51

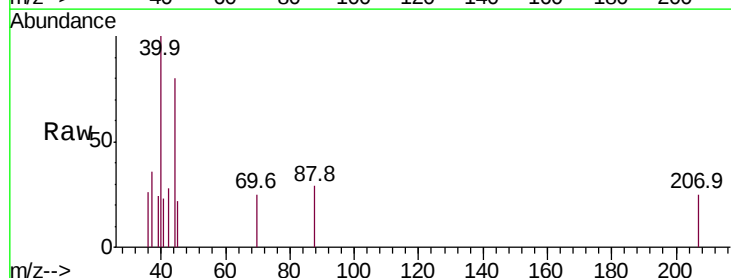
Tgt Ion: 88 Resp: 25

Ion Ratio Lower Upper

88 100

43 76.0 32.9 49.3#

58 0.0 71.0 106.4#



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

9.39

80

60

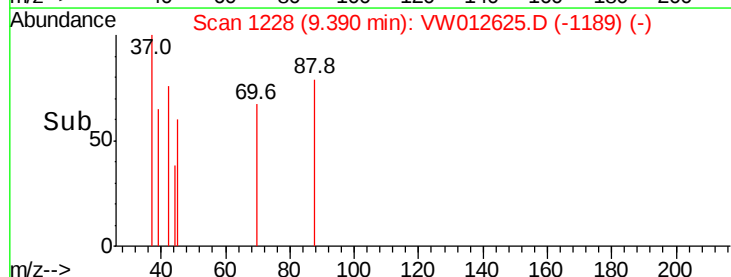
40

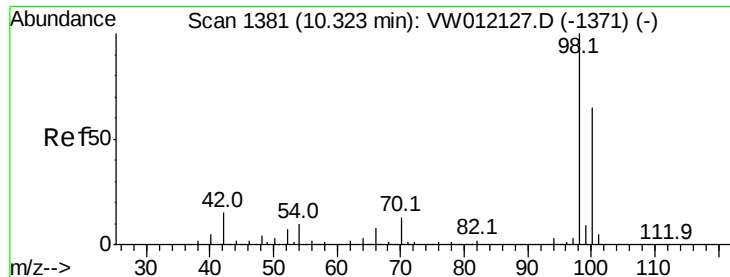
20

0

9.37 9.38 9.39 9.40 9.41

Time-->





#50

Toluene-d8

Concen: 29.002 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012625.D

Acq: 05 Sep 2019 07:51

Instrument :

MSVOA_W

ClientSampleId :

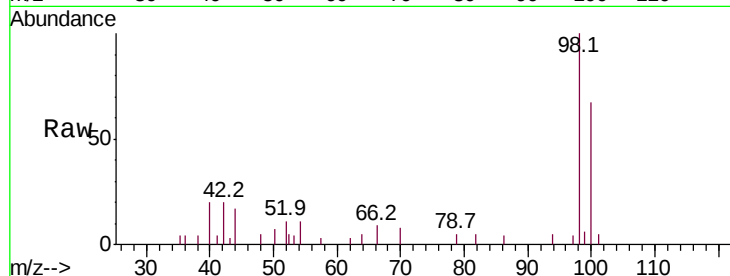
T12-2-(0)

Tot Ion: 98 Resp: 3405

Ion Ratio Lower Upper

98 100

100 66.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

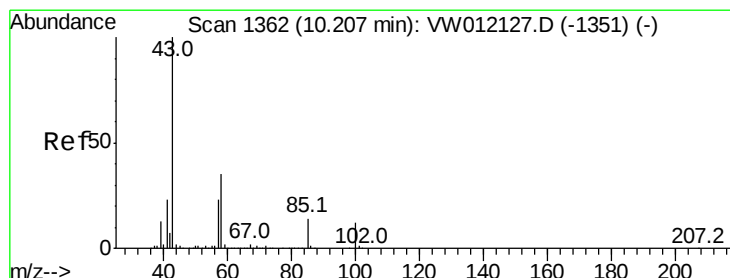
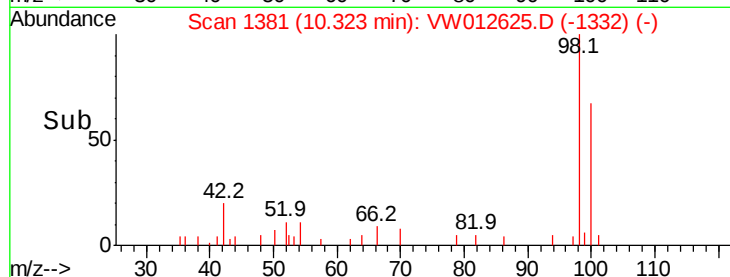
1500

1000

500

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 3.168 ug/l

RT: 10.31 min Scan# 1379

Delta R.T. 0.10 min

Lab File: VW012625.D

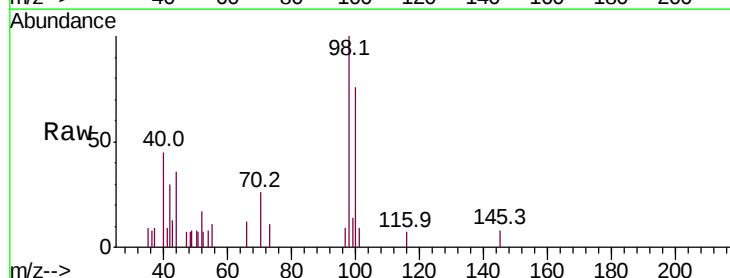
Acq: 05 Sep 2019 07:51

Tgt Ion: 43 Resp: 82

Ion Ratio Lower Upper

43 100

58 41.5 28.2 42.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.31

100

80

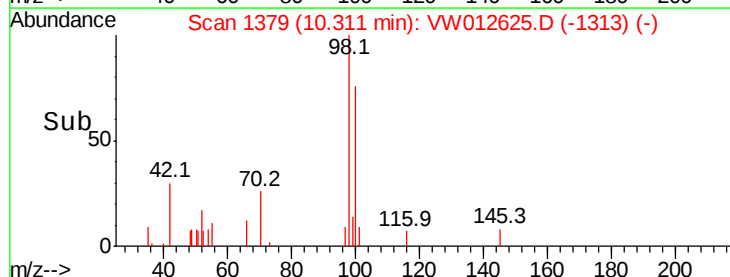
60

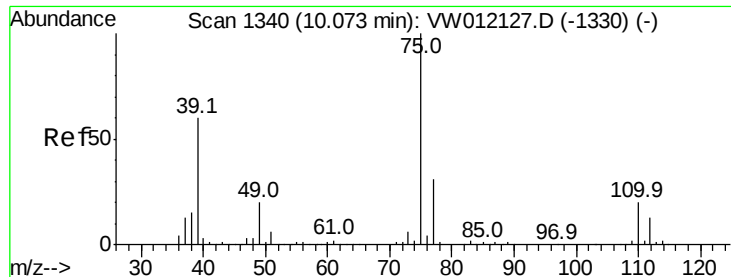
40

20

0

Time-->





#54

cis-1,3-Dichloropropene

Concen: 1.006 ug/l

RT: 10.25 min Scan# 1369

Delta R.T. 0.18 min

Lab File: VW012625.D

Acq: 05 Sep 2019 07:51

Instrument :

MSVOA_W

ClientSampled :

T12-2-(0)

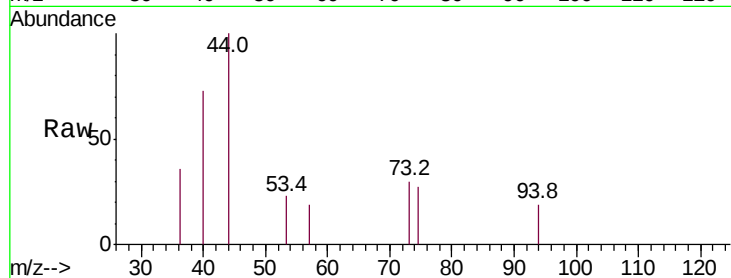
Tot Ion: 75 Resp: 54

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#

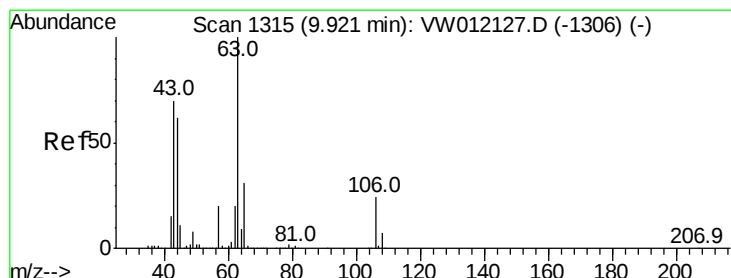
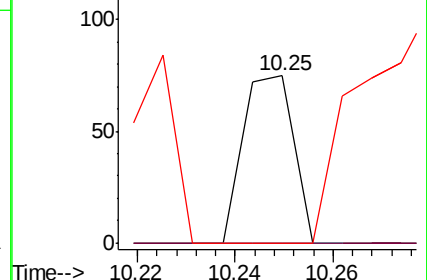
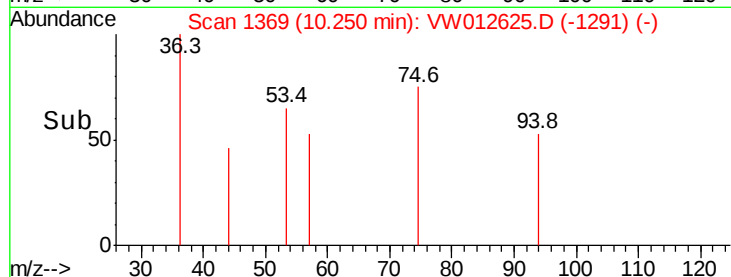
39 0.0 48.3 72.5#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW



#58

2-Chloroethyl Vinyl ether

Concen: 1.155 ug/l

RT: 9.91 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VW012625.D

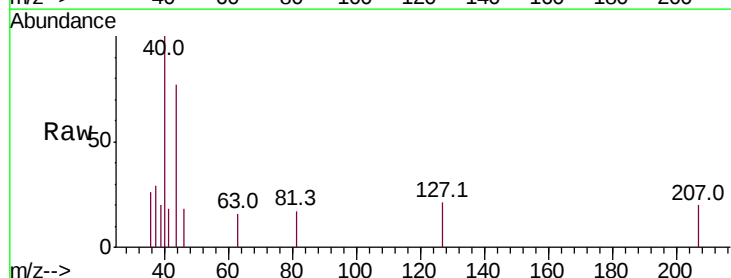
Acq: 05 Sep 2019 07:51

Tgt Ion: 63 Resp: 20

Ion Ratio Lower Upper

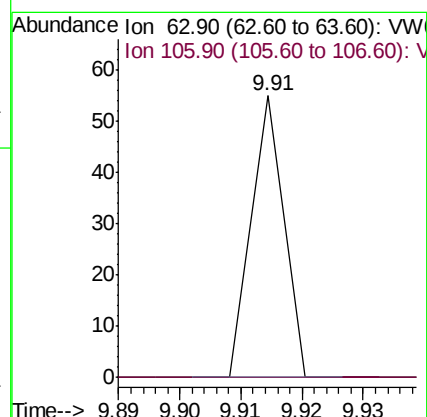
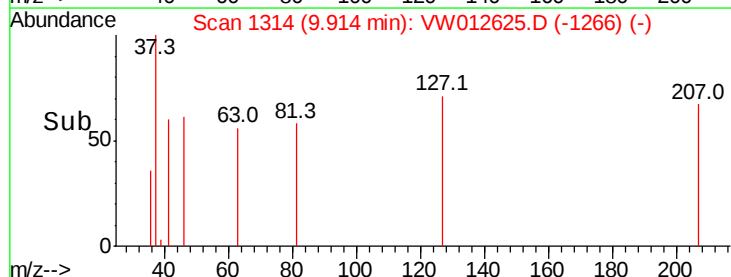
63 100

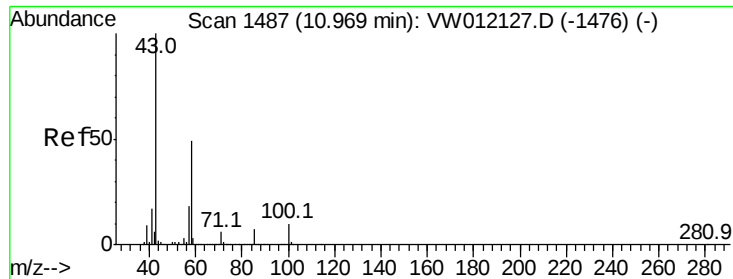
106 0.0 19.8 29.8#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

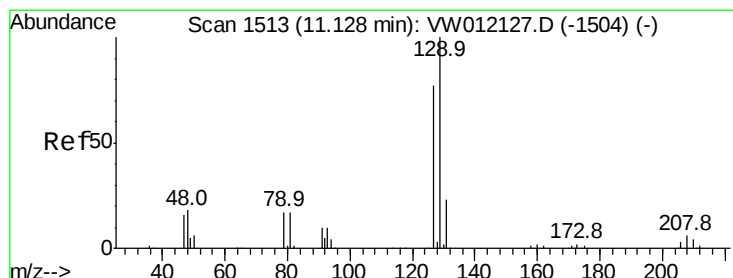
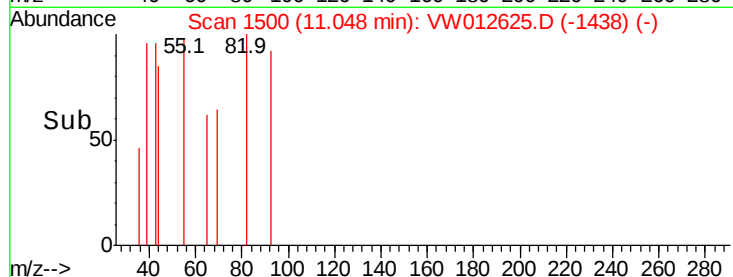
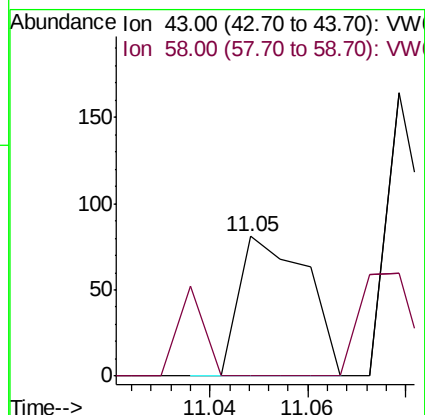
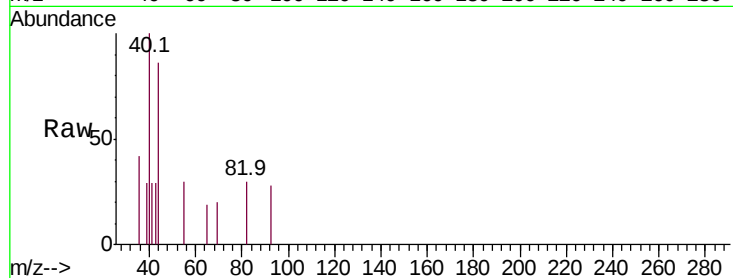




#59
2-Hexanone
Concen: 4.259 ug/l
RT: 11.05 min Scan# 1500
Delta R.T. 0.08 min
Lab File: VW012625.D
Acq: 05 Sep 2019 07:51

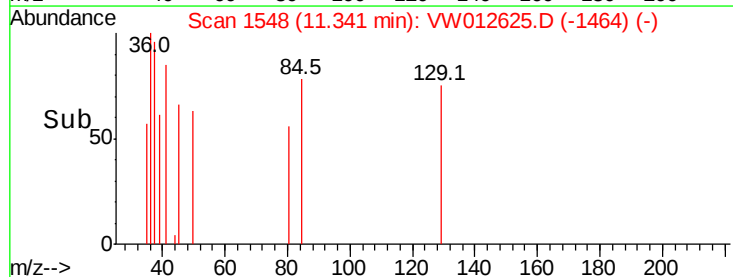
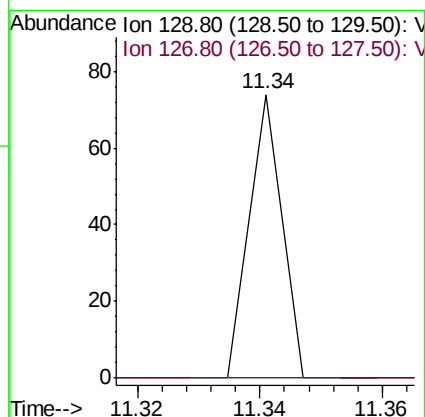
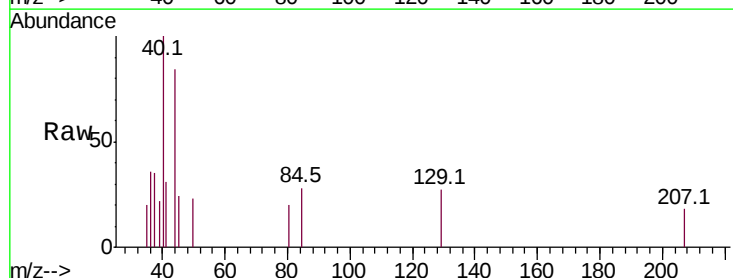
Instrument :
MSVOA_W
ClientSampled :
T12-2-(0)

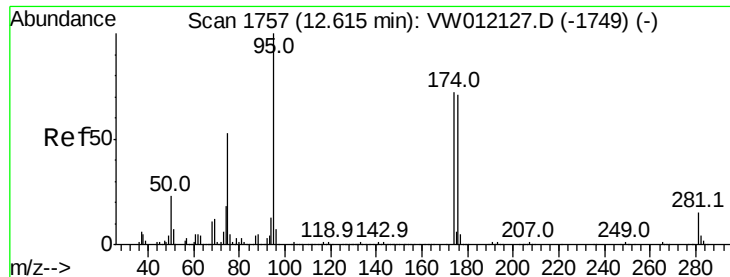
Tot Ion: 43 Resp: 78
Ion Ratio Lower Upper
43 100
58 24.4 24.3 72.9



#60
Dibromochloromethane
Concen: 1.045 ug/l
RT: 11.34 min Scan# 1548
Delta R.T. 0.21 min
Lab File: VW012625.D
Acq: 05 Sep 2019 07:51

Tgt Ion: 129 Resp: 27
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#





#62

4-Bromofluorobenzene

Concen: 17.832 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW012625.D

Acq: 05 Sep 2019 07:51

Instrument :

MSVOA_W

ClientSampleId :

T12-2-(0)

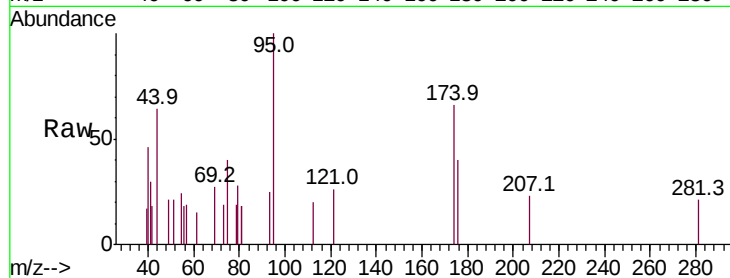
Tot Ion: 95 Resp: 738

Ion Ratio Lower Upper

95 100

174 55.0 0.0 150.8

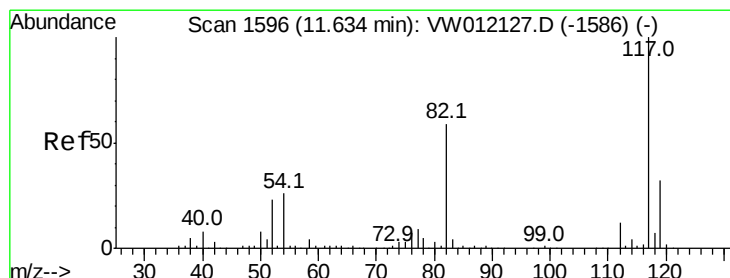
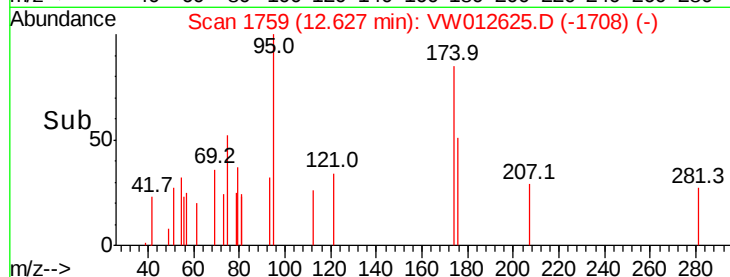
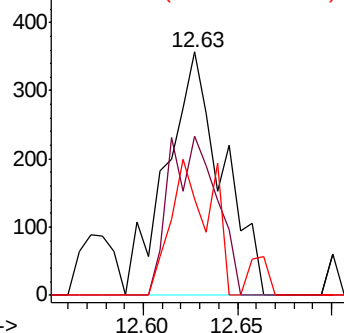
176 39.4 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012625.D

Acq: 05 Sep 2019 07:51

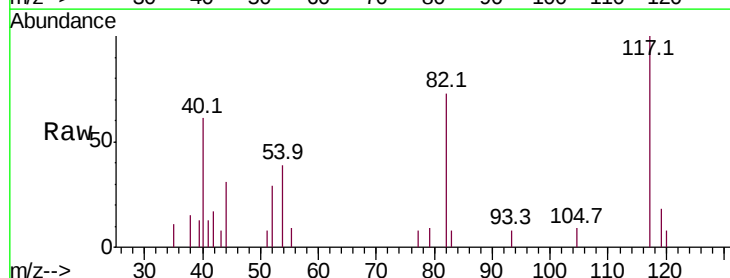
Tgt Ion: 117 Resp: 1661

Ion Ratio Lower Upper

117 100

82 72.8 47.4 71.2#

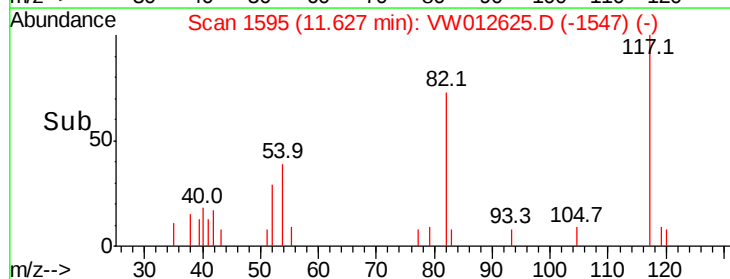
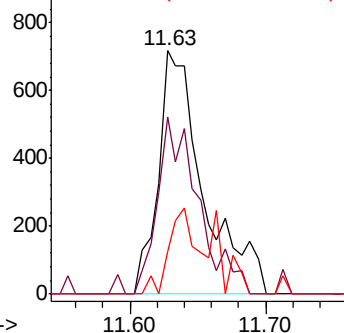
119 17.7 25.4 38.2#

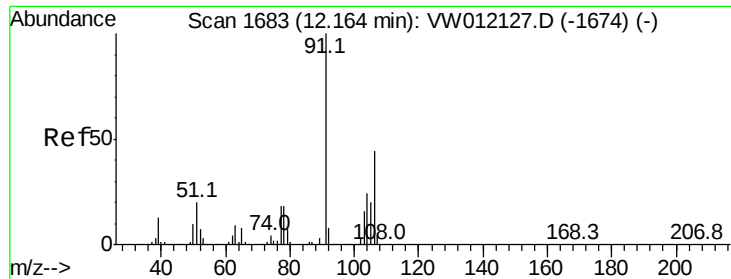


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

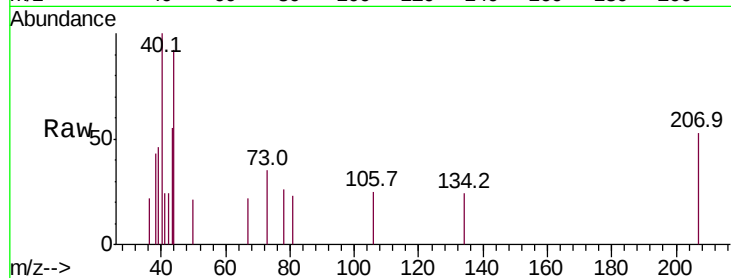




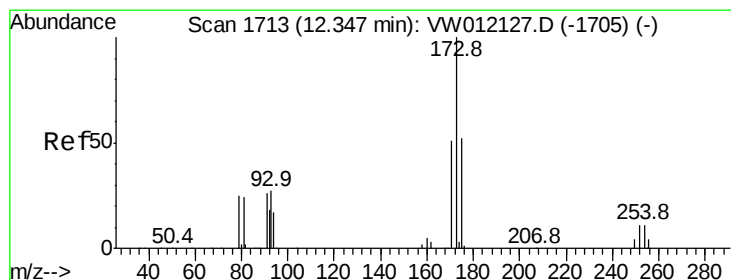
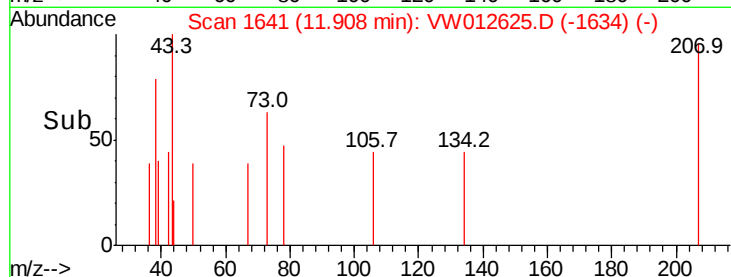
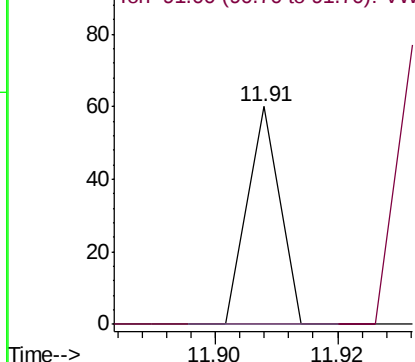
#69
o-Xylene
Concen: 1.047 ug/l
RT: 11.91 min Scan# 1641
Delta R.T. -0.26 min
Lab File: VW012625.D
Acq: 05 Sep 2019 07:51

Instrument :
MSVOA_W
ClientSampleId :
T12-2-(0)

Tot Ion:106 Resp: 22
Ion Ratio Lower Upper
106 100
91 0.0 111.6 334.6#

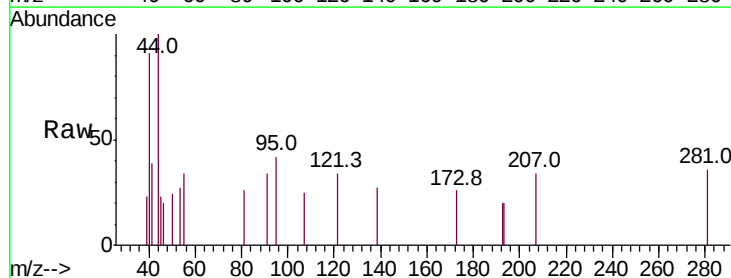


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

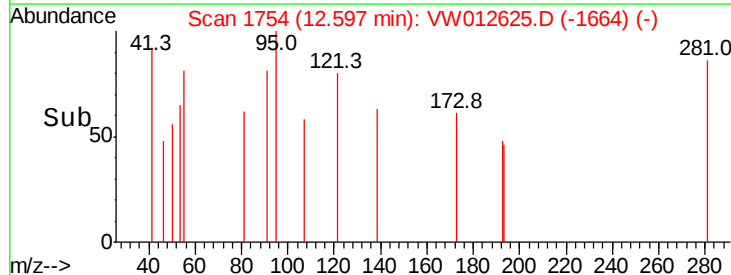
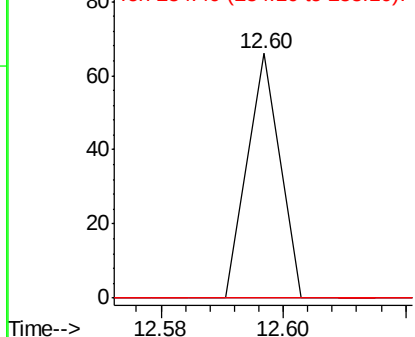


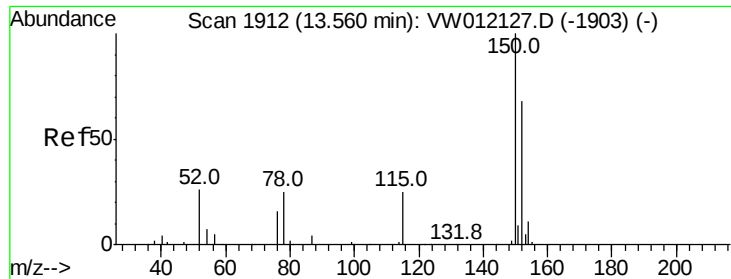
#71
Bromoform
Concen: 4.222 ug/l
RT: 12.60 min Scan# 1754
Delta R.T. 0.25 min
Lab File: VW012625.D
Acq: 05 Sep 2019 07:51

Tgt Ion:173 Resp: 24
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



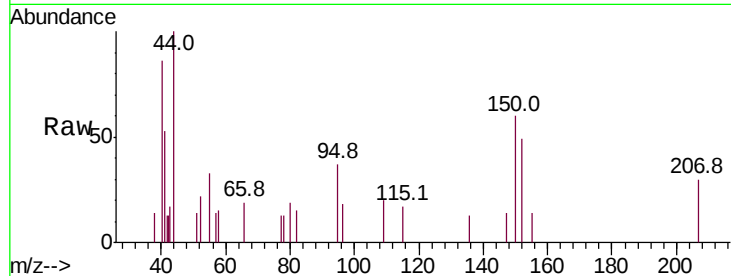


#72

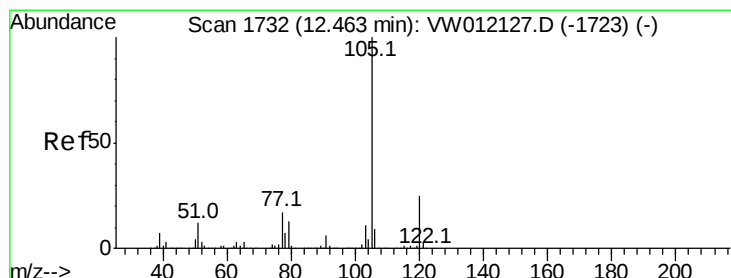
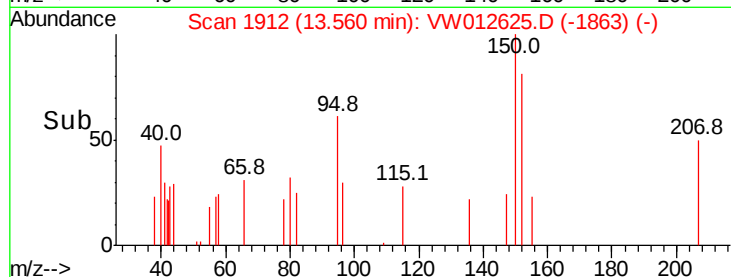
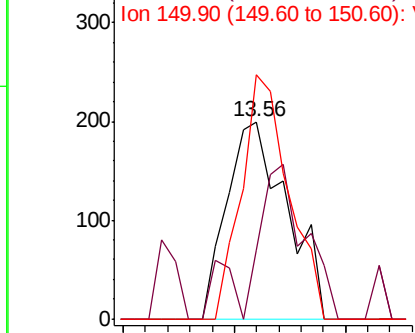
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012625.D
Acq: 05 Sep 2019 07:51

Instrument :
MSVOA_W
ClientSampleId :
T12-2-(0)

Tot Ion:152 Resp: 375
Ion Ratio Lower Upper
152 100
115 67.7 30.1 90.3
150 97.6 0.0 345.8



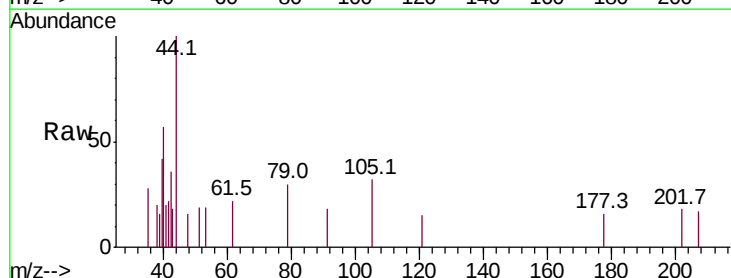
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



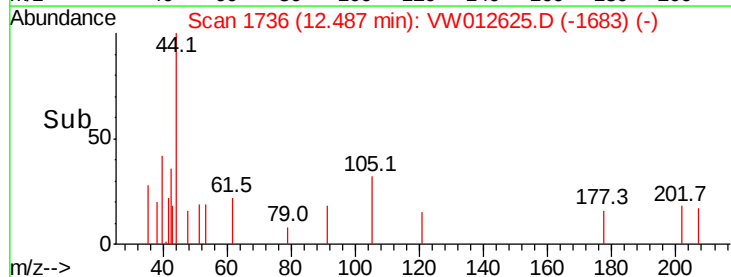
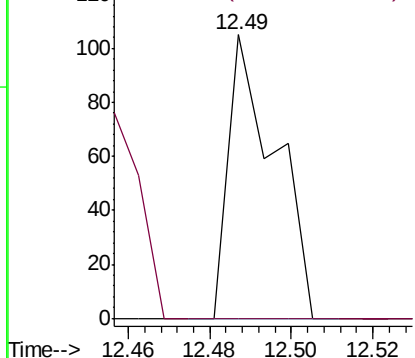
#73

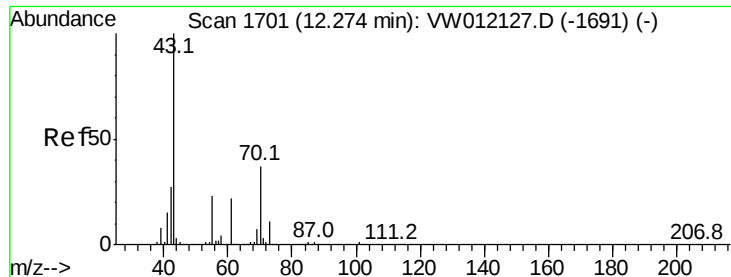
Isopropylbenzene
Concen: 2.989 ug/l
RT: 12.49 min Scan# 1736
Delta R.T. 0.02 min
Lab File: VW012625.D
Acq: 05 Sep 2019 07:51

Tgt Ion:105 Resp: 84
Ion Ratio Lower Upper
105 100
120 0.0 12.5 37.5#



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





#74

N-amvl acetate

Concen: 2.591 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012625.D

Acq: 05 Sep 2019 07:51

Instrument :

MSVOA_W

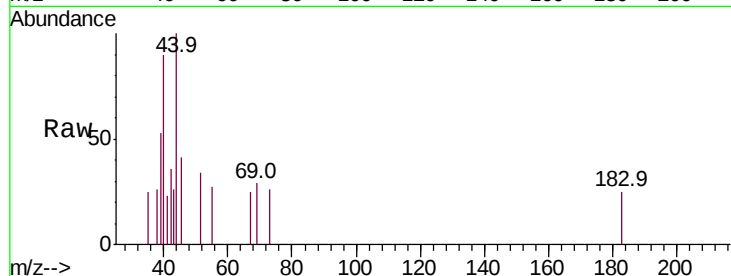
ClientSampled :

T12-2-(0)

Tot Ion: 43 Resp: 22

Ion Ratio Lower Upper

43	100		
70	0.0	28.6	43.0#
55	1263.6	17.8	26.6#
61	0.0	17.3	25.9#



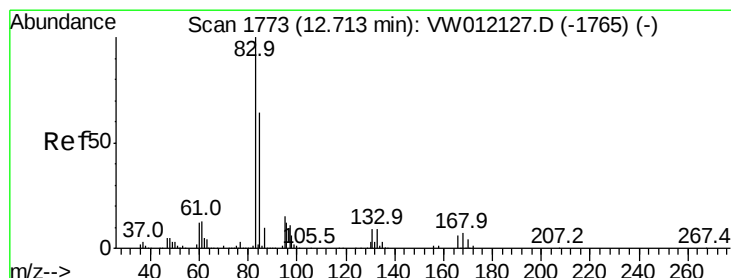
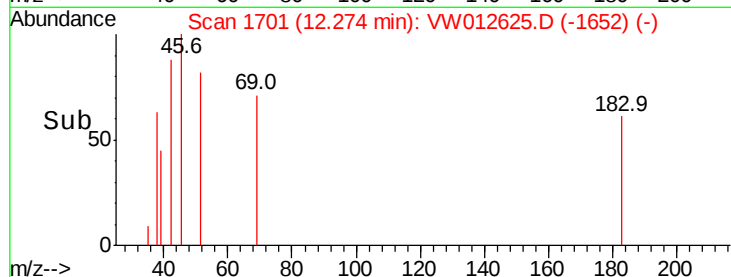
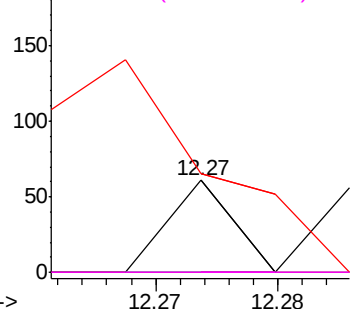
Abundance

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: 10.871 ug/l

RT: 12.64 min Scan# 1761

Delta R.T. -0.07 min

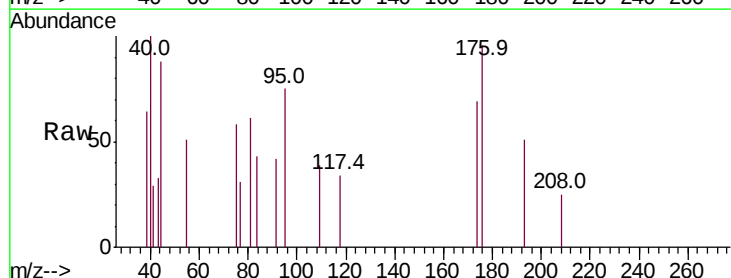
Lab File: VW012625.D

Acq: 05 Sep 2019 07:51

Tgt Ion: 83 Resp: 56

Ion Ratio Lower Upper

83	100		
131	0.0	4.9	14.7#
85	0.0	31.9	95.7#

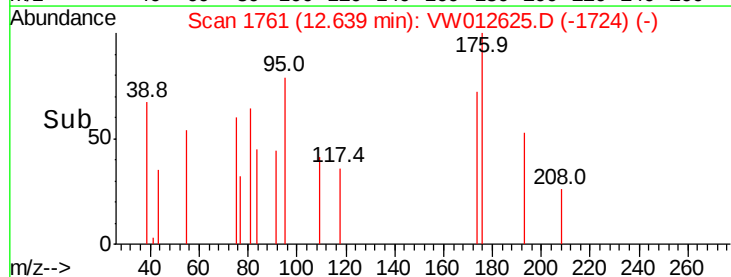
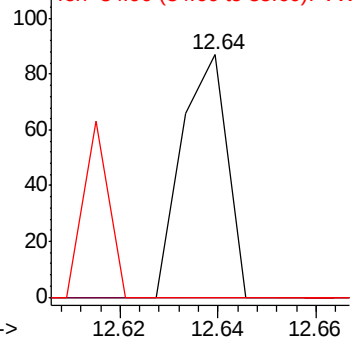


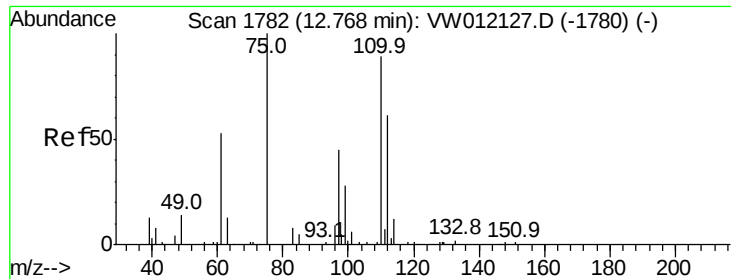
Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 8.214 ug/l

RT: 12.66 min Scan# 1764

Delta R.T. -0.11 min

Lab File: VW012625.D

Acq: 05 Sep 2019 07:51

Instrument :

MSVOA_W

ClientSampleId :

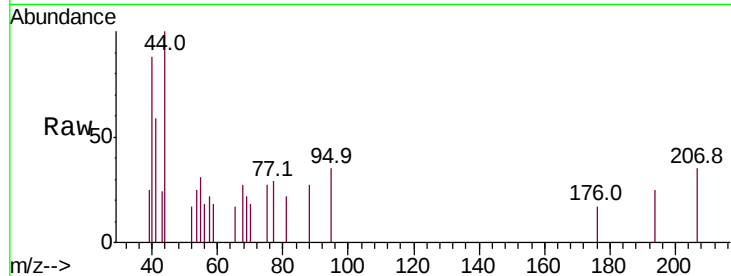
T12-2-(0)

Tot Ion: 75 Resp: 30

Ion Ratio Lower Upper

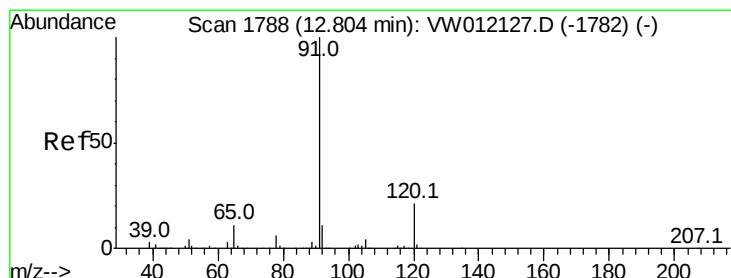
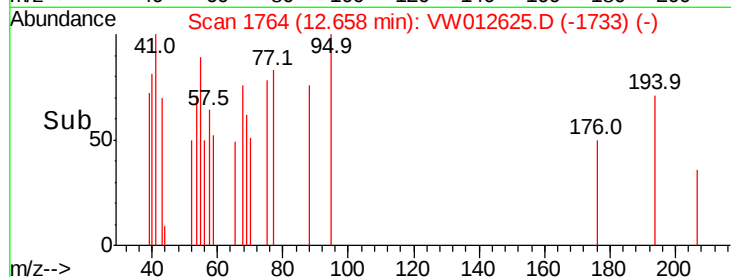
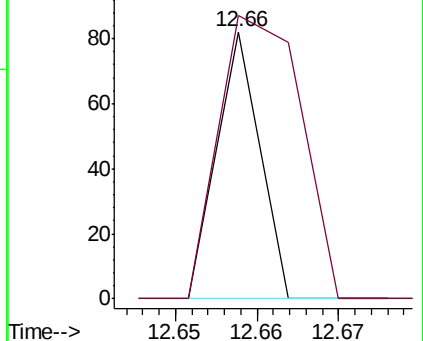
75 100

77 203.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#78

n-propylbenzene

Concen: 2.857 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW012625.D

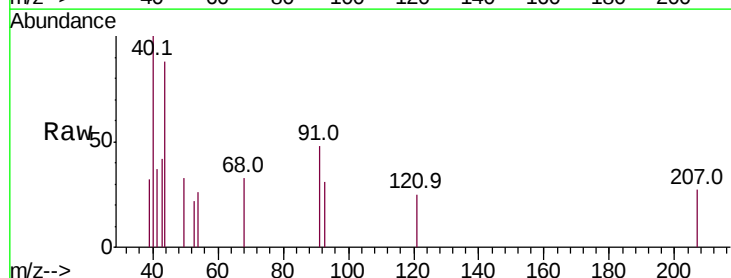
Acq: 05 Sep 2019 07:51

Tgt Ion: 91 Resp: 98

Ion Ratio Lower Upper

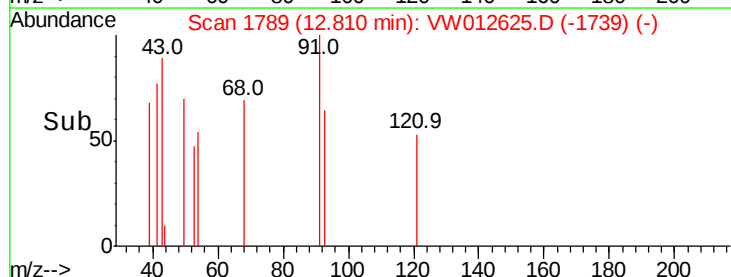
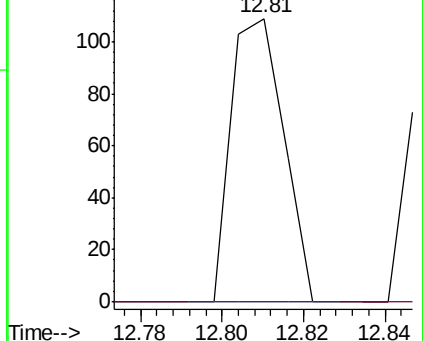
91 100

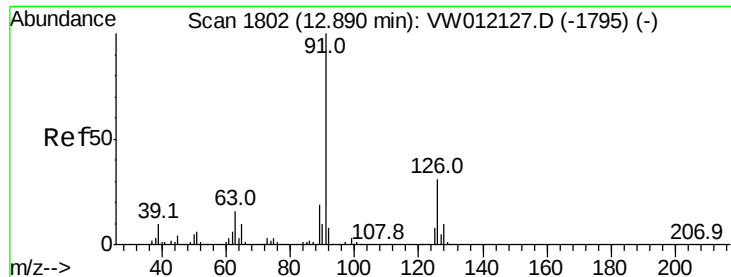
120 0.0 10.5 31.6#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

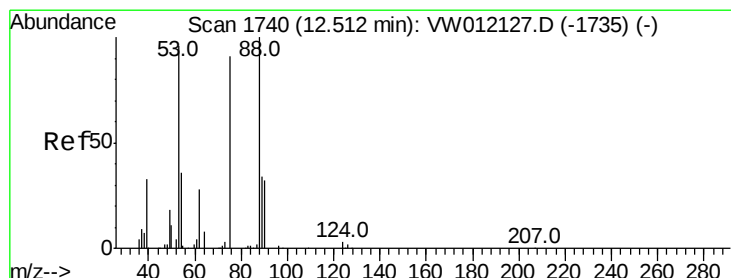
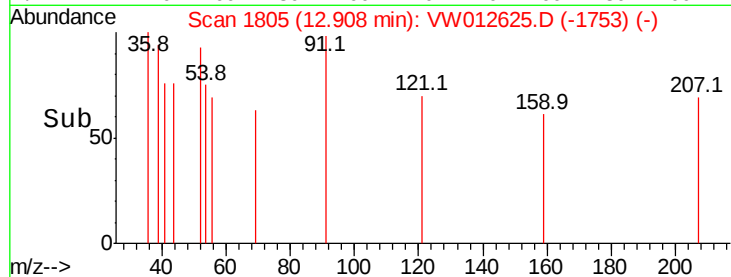
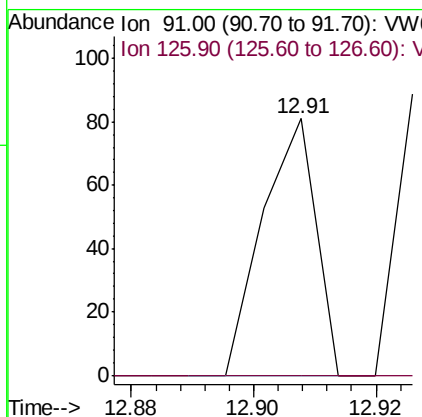
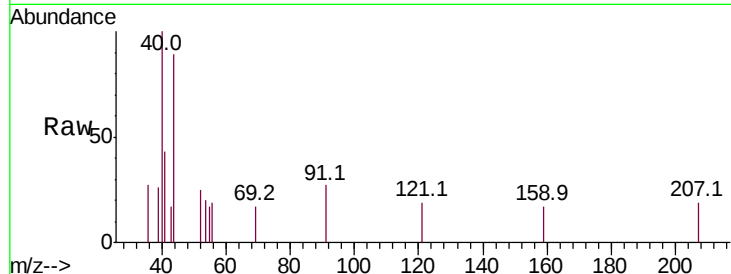




#79
 2-Chlorotoluene
 Concen: 2.516 ug/l
 RT: 12.91 min Scan# 1805
 Delta R.T. 0.02 min
 Lab File: VW012625.D
 Acq: 05 Sep 2019 07:51

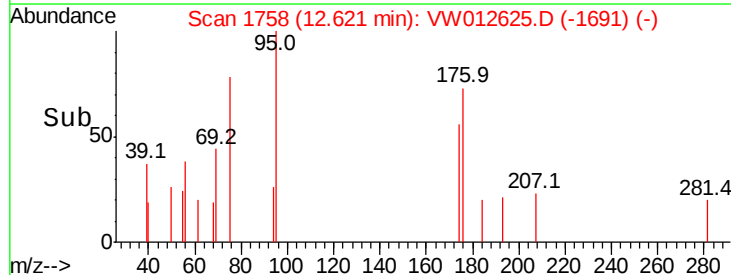
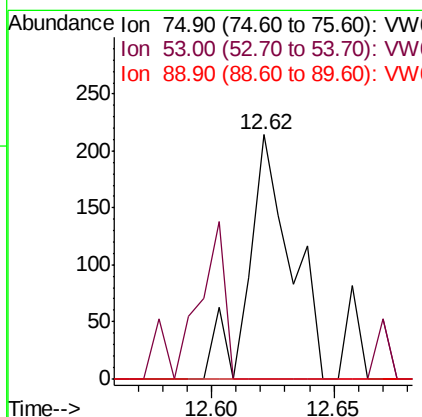
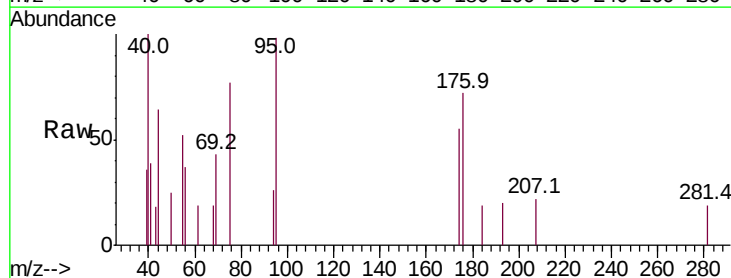
Instrument :
 MSVOA_W
 ClientSampleId :
 T12-2-(0)

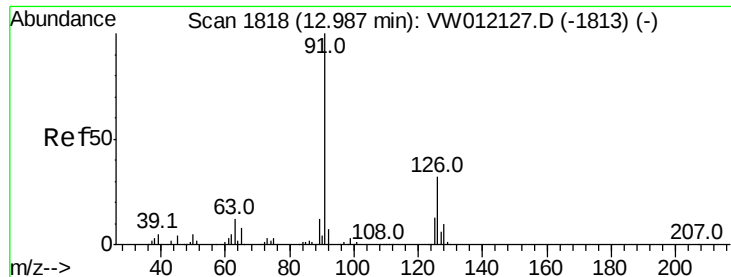
Tot Ion: 91 Resp: 49
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.7 47.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 156.085 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW012625.D
 Acq: 05 Sep 2019 07:51

Tgt Ion: 75 Resp: 260
 Ion Ratio Lower Upper
 75 100
 53 44.2 89.4 134.0#
 89 0.0 34.5 51.7#

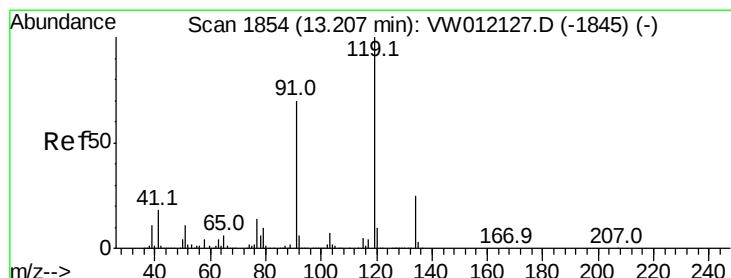
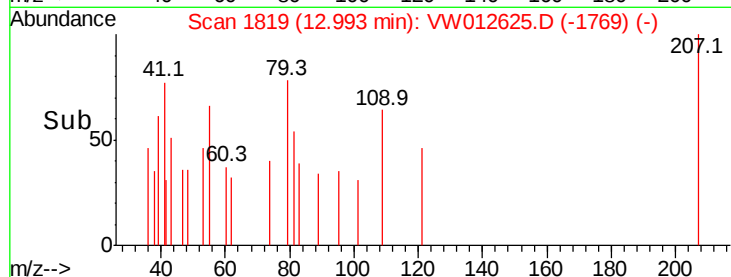
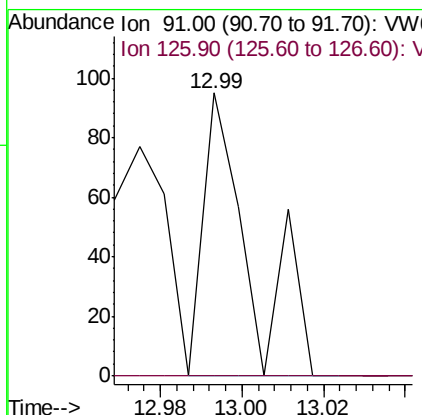
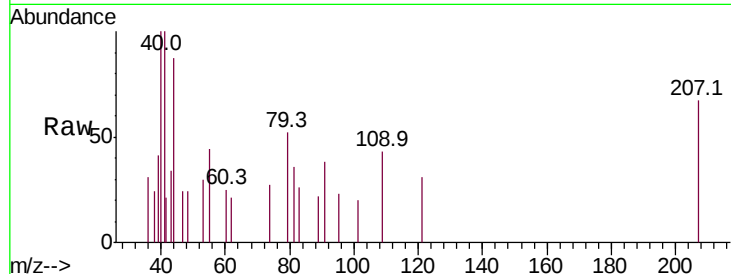




#82
4-Chlorotoluene
Concen: 3.727 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VW012625.D
Acq: 05 Sep 2019 07:51

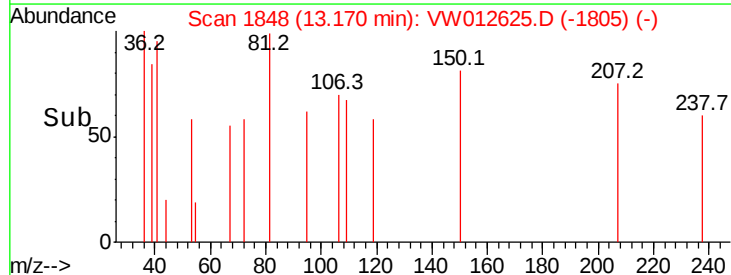
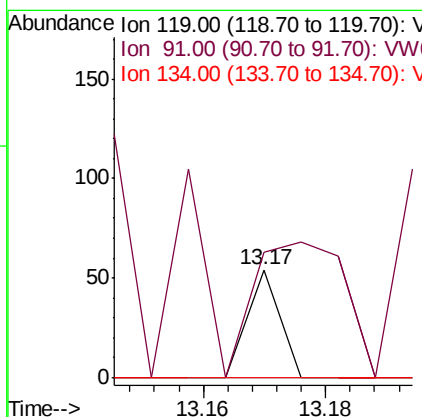
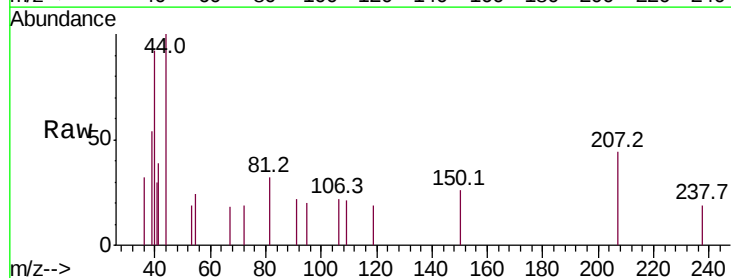
Instrument :
MSVOA_W
ClientSampled :
T12-2-(0)

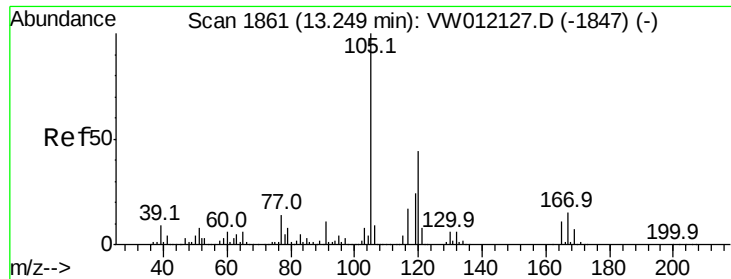
Tot Ion: 91 Resp: 76
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.8#



#83
tert-Butylbenzene
Concen: 1.006 ug/l
RT: 13.17 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VW012625.D
Acq: 05 Sep 2019 07:51

Tgt Ion: 119 Resp: 20
Ion Ratio Lower Upper
119 100
91 350.0 34.8 104.3#
134 0.0 13.3 39.8#





#84

1,2,4-Trimethylbenzene

Concen: 1.187 ug/l

RT: 13.27 min Scan# 1865

Delta R.T. 0.02 min

Lab File: VW012625.D

Acq: 05 Sep 2019 07:51

Instrument :

MSVOA_W

ClientSampleId :

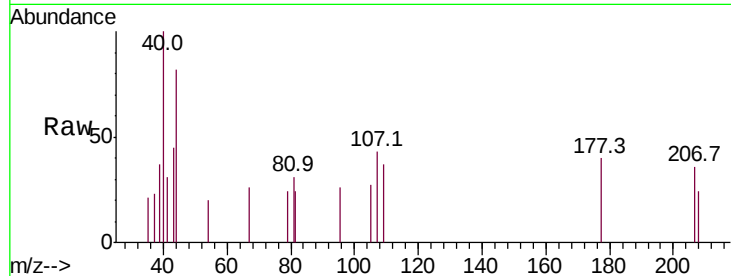
T12-2-(0)

Tot Ion:105 Resp: 28

Ion Ratio Lower Upper

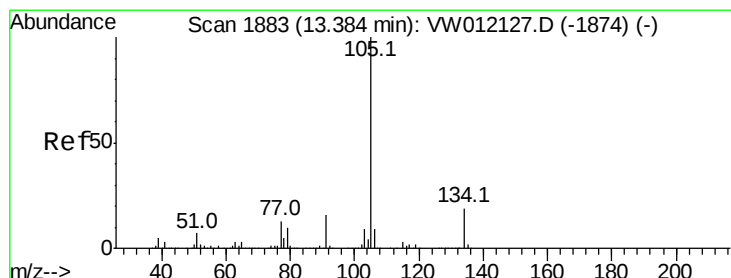
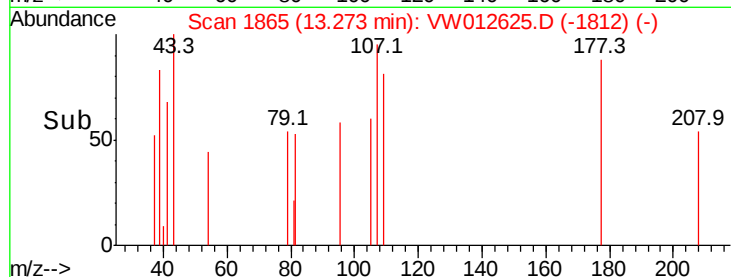
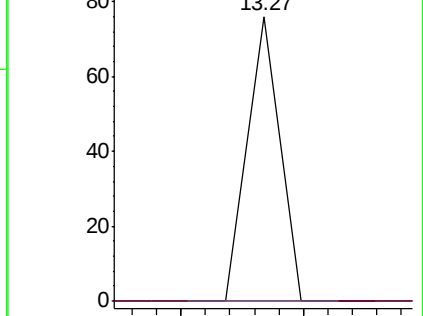
105 100

120 0.0 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: 4.001 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012625.D

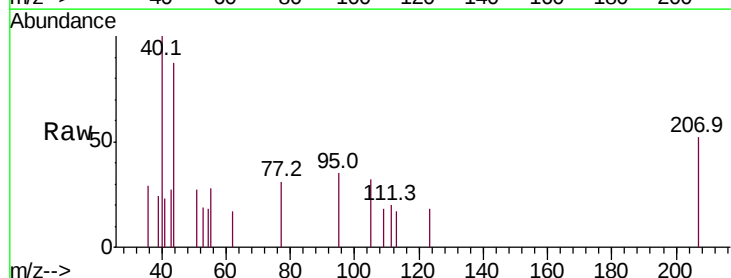
Acq: 05 Sep 2019 07:51

Tgt Ion:105 Resp: 114

Ion Ratio Lower Upper

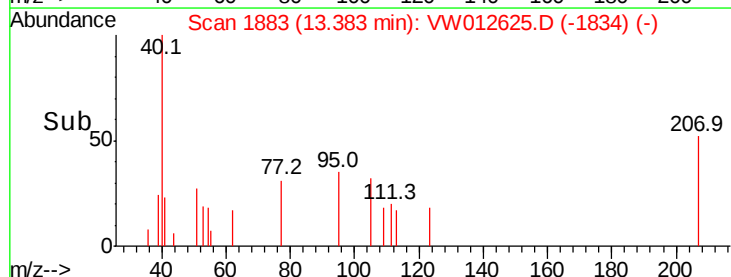
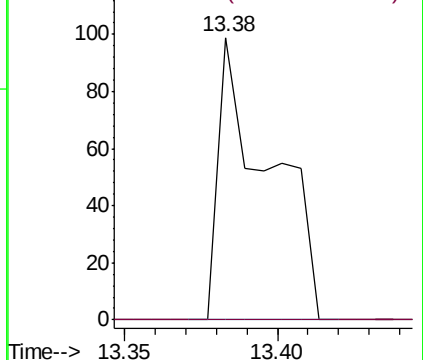
105 100

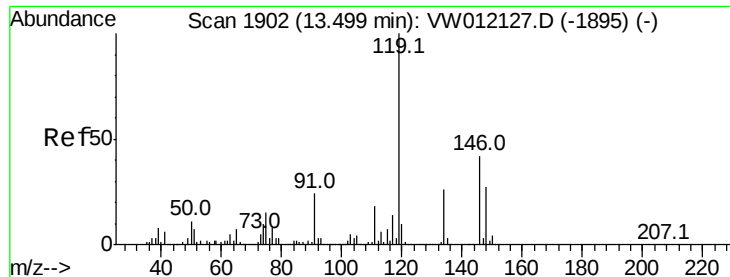
134 0.0 9.8 29.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

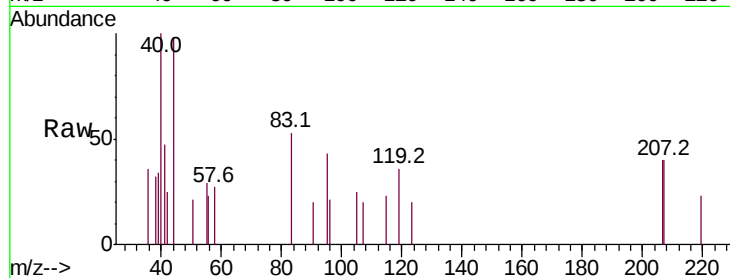




#86
 p-Isopropyltoluene
 Concen: 1.297 ug/l
 RT: 13.52 min Scan# 1906
 Delta R.T. 0.02 min
 Lab File: VW012625.D
 Acq: 05 Sep 2019 07:51

Instrument :
 MSVOA_W
 ClientSampled :
 T12-2-(0)

Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.8	38.3#
91	57.6	12.3	36.9#

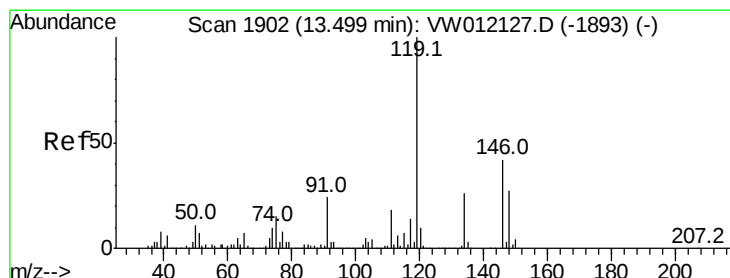
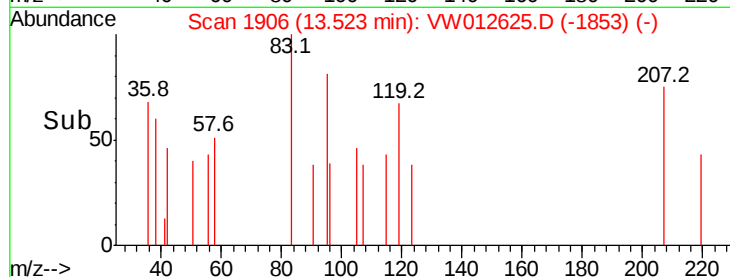
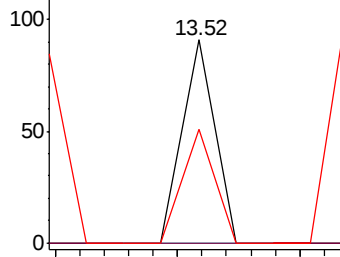


Abundance

Ion 119.00 (118.70 to 119.70): V

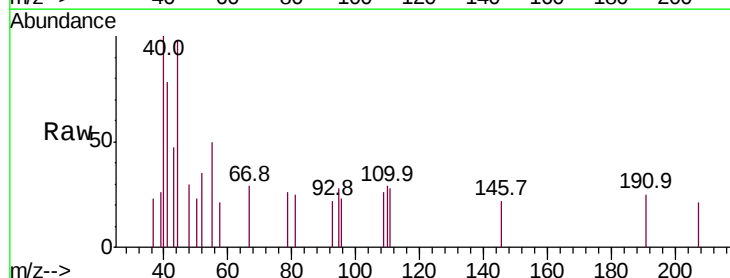
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87
 1,3-Dichlorobenzene
 Concen: 1.682 ug/l
 RT: 13.51 min Scan# 1904
 Delta R.T. 0.01 min
 Lab File: VW012625.D
 Acq: 05 Sep 2019 07:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	130.0	20.9	62.7#
148	0.0	32.2	96.6#

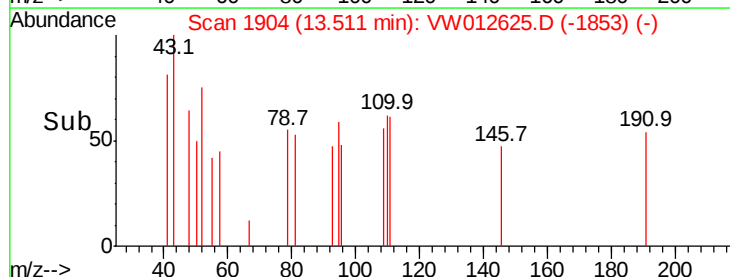
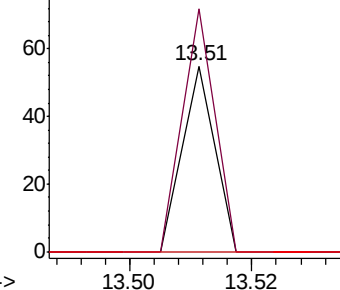


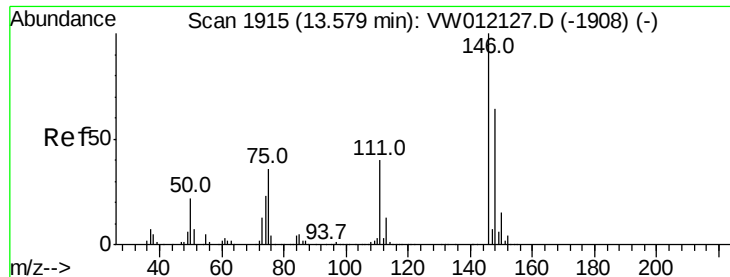
Abundance

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

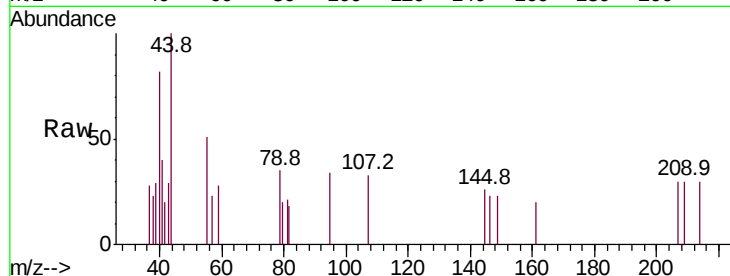




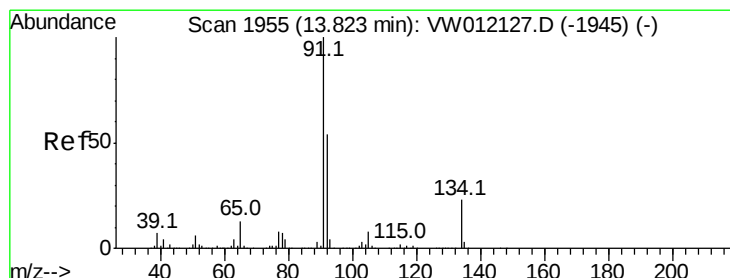
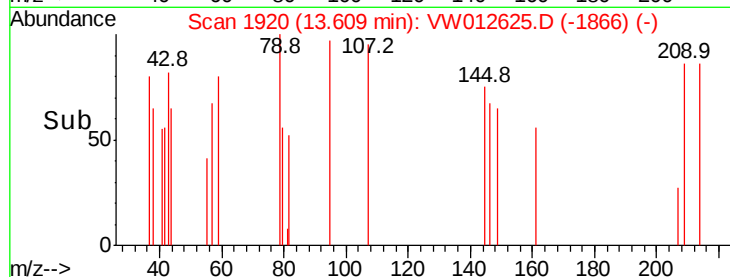
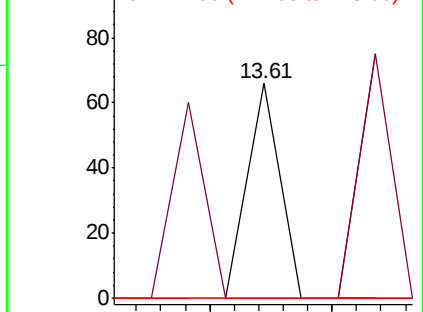
#88
 1,4-Dichlorobenzene
 Concen: 2.033 ug/l
 RT: 13.61 min Scan# 1920
 Delta R.T. 0.03 min
 Lab File: VW012625.D
 Acq: 05 Sep 2019 07:51

Instrument :
 MSVOA_W
 ClientSampleId :
 T12-2-(0)

Tot Ion:146 Resp: 24
 Ion Ratio Lower Upper
 146 100
 111 91.7 20.0 60.0#
 148 0.0 32.1 96.3#

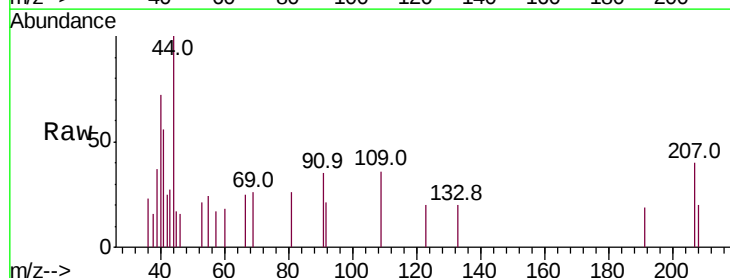


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

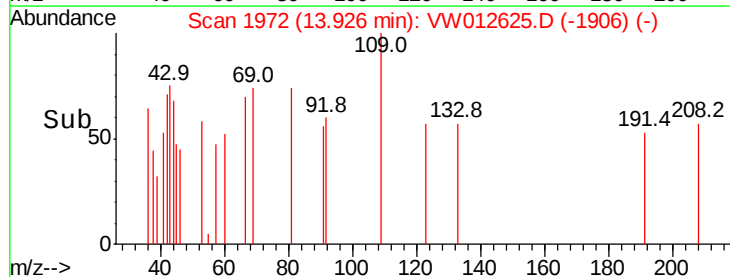
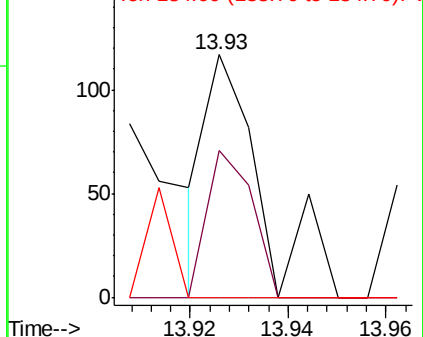


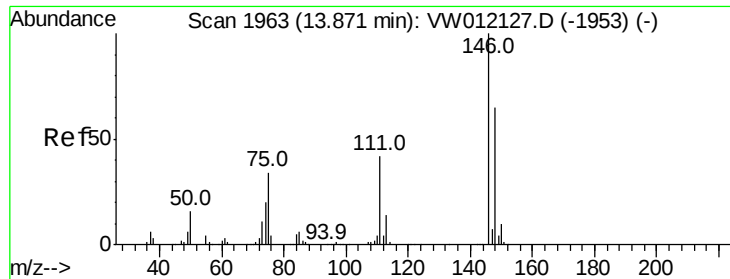
#89
 n-Butylbenzene
 Concen: 3.596 ug/l
 RT: 13.93 min Scan# 1972
 Delta R.T. 0.10 min
 Lab File: VW012625.D
 Acq: 05 Sep 2019 07:51

Tgt Ion: 91 Resp: 91
 Ion Ratio Lower Upper
 91 100
 92 50.5 27.1 81.2
 134 20.9 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: 2.301 ug/l

RT: 13.61 min Scan# 1920

Delta R.T. -0.26 min

Lab File: VW012625.D

Acq: 05 Sep 2019 07:51

Instrument :

MSVOA_W

ClientSampled :

T12-2-(0)

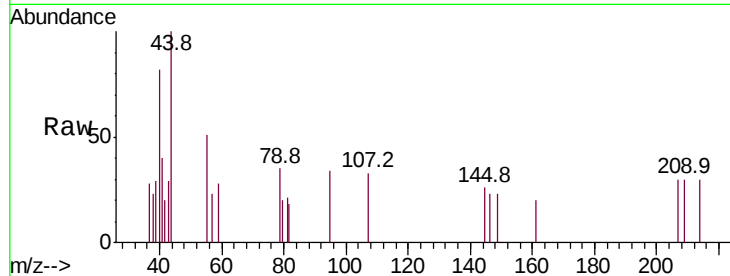
Tot Ion:146 Resp: 24

Ion Ratio Lower Upper

146 100

111 91.7 21.2 63.6#

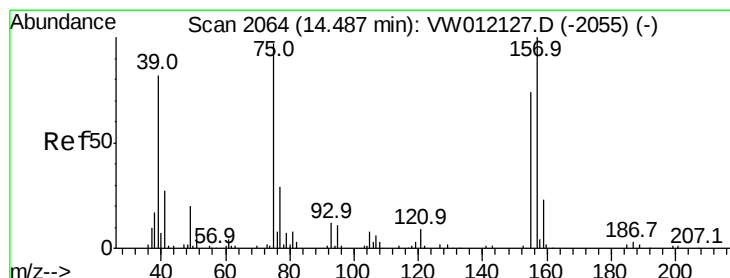
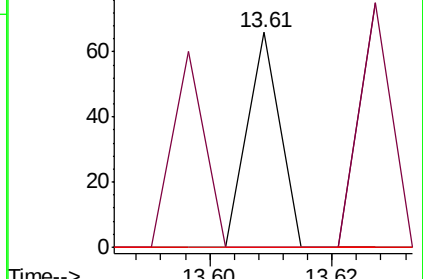
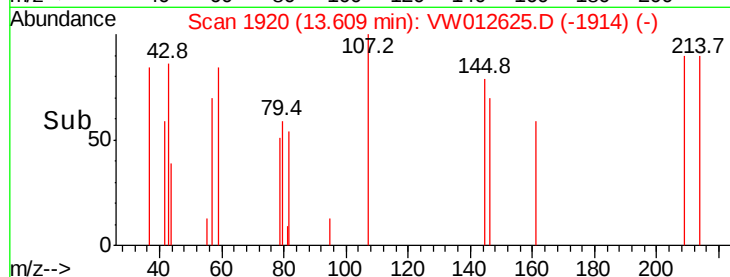
148 0.0 32.5 97.4#



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: 59.877 ug/l

RT: 14.51 min Scan# 2068

Delta R.T. 0.02 min

Lab File: VW012625.D

Acq: 05 Sep 2019 07:51

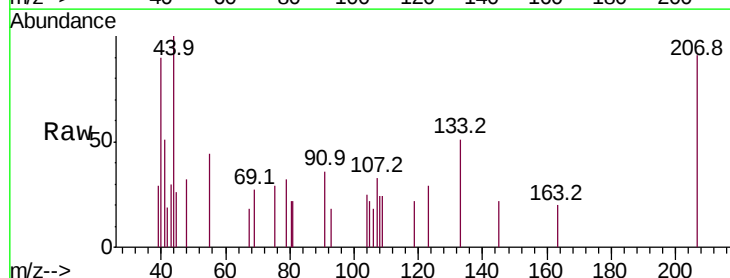
Tgt Ion: 75 Resp: 52

Ion Ratio Lower Upper

75 100

155 0.0 37.5 112.3#

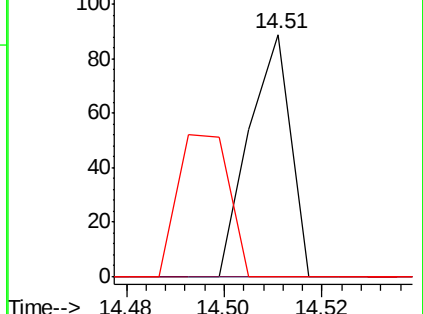
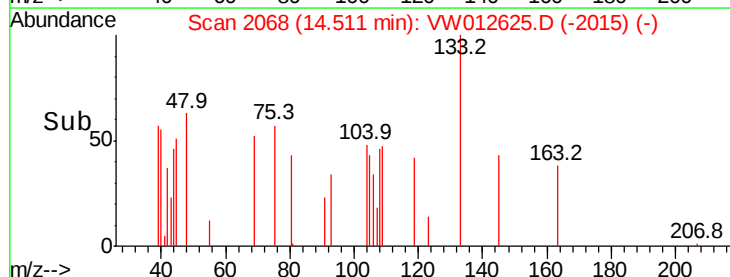
157 73.1 50.5 151.5

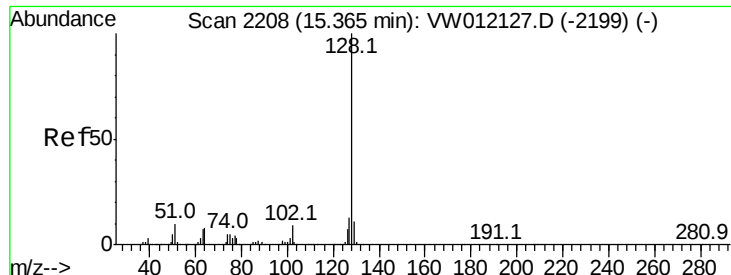


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 7.938 ug/l

RT: 15.40 min Scan# 2214

Delta R.T. 0.04 min

Lab File: VW012625.D

Acq: 05 Sep 2019 07:51

Instrument :

MSVOA_W

ClientSampleId :

T12-2-(0)

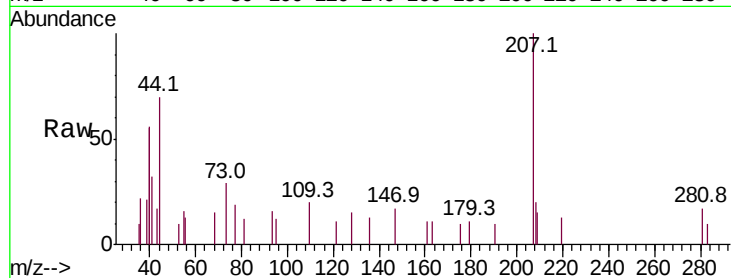
Tot Ion:128 Resp: 56

Ion Ratio Lower Upper

128 100

127 51.8 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

