

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083019\
 Data File : VW012357.D
 Acq On : 30 Aug 2019 18:17
 Operator : SY/VA
 Sample : K4571-07
 Misc : 7.16G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200052

Quant Time: Aug 31 03:05:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	1431	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.84	114	2164	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	1514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	290	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	2068	121.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	243.14%	
35) Dibromofluoromethane	7.88	113	1202	93.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.12%	
50) Toluene-d8	10.32	98	2657	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.63	95	493	26.70	ug/l	0.01
Spiked Amount	50.000		Recovery	=	53.40%	

Target Compounds

						Qvalue
3) Chloromethane	2.21	50	345	25.273	ug/l #	49
4) Vinyl Chloride	2.39	62	23	1.377	ug/l #	43
6) Chloroethane	2.93	64	53	5.623	ug/l #	45
11) Tert butyl alcohol	5.17	59	22	21.490	ug/l #	71
13) Acrolein	4.06	56	19	19.717	ug/l #	15
14) Allyl chloride	4.66	41	67	2.183	ug/l #	55
15) Acrylonitrile	5.45	53	21	5.320	ug/l #	17
16) Acetone	4.14	43	1781	409.577	ug/l	91
18) Methyl Acetate	4.65	43	23	2.136	ug/l #	57
19) Methyl tert-butyl Ether	5.61	73	64	2.757	ug/l #	52
20) Methylene Chloride	4.93	84	193	11.741	ug/l #	47
25) 2-Butanone	7.20	43	106	17.939	ug/l #	56
27) cis-1,2-Dichloroethene	7.16	96	428	26.026	ug/l	77
28) Bromochloromethane	7.52	49	19	1.408	ug/l #	24
29) Tetrahydrofuran	7.51	42	19	5.359	ug/l #	42
36) 1,1-Dichloropropene	7.94	75	77	3.443	ug/l #	44
37) Ethyl Acetate	7.22	43	78	6.365	ug/l #	73
38) Carbon Tetrachloride	7.96	117	169	8.731	ug/l #	12
40) Benzene	8.34	78	248	4.061	ug/l #	51
41) Methacrylonitrile	7.43	41	22	3.055	ug/l #	27
43) Isopropyl Acetate	8.40	43	26	1.145	ug/l #	55
44) Trichloroethene	9.10	130	29	1.954	ug/l	80
45) 1,2-Dichloropropane	9.43	63	22	1.339	ug/l #	43
48) Methyl methacrylate	9.41	41	40	3.703	ug/l #	1
51) 4-Methyl-2-Pentanone	10.23	43	68	5.890	ug/l #	40
57) 1,3-Dichloropropane	11.19	76	42	2.148	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.74	63	23	2.976	ug/l #	50
59) 2-Hexanone	10.97	43	39	4.774	ug/l #	28
73) Isopropylbenzene	12.21	105	23	1.058	ug/l #	50
74) N-amyl acetate	12.10	43	26	3.960	ug/l #	47
76) 1,2,3-Trichloropropane	12.62	75	332	117.547	ug/l #	100
79) 2-Chlorotoluene	12.88	91	22	1.461	ug/l #	43
81) trans-1,4-Dichloro-2-buten	12.62	75	332	257.727	ug/l #	6
82) 4-Chlorotoluene	12.88	91	22	1.395	ug/l #	43

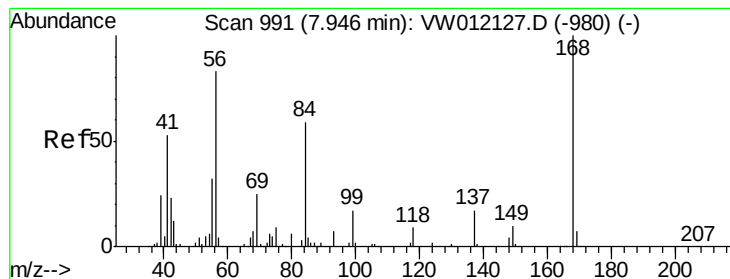
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083019\
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Quant Time: Aug 31 03:05:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.27	105	42	2.303	ug/l #	32
85) sec-Butylbenzene	13.27	105	42	1.906	ug/l #	57
89) n-Butylbenzene	13.70	91	22	1.124	ug/l #	33
95) Naphthalene	15.38	128	60	9.332	ug/l #	69

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW012357.D

Acq: 30 Aug 2019 18:17

Instrument :

MSVOA_W

ClientSampleId :

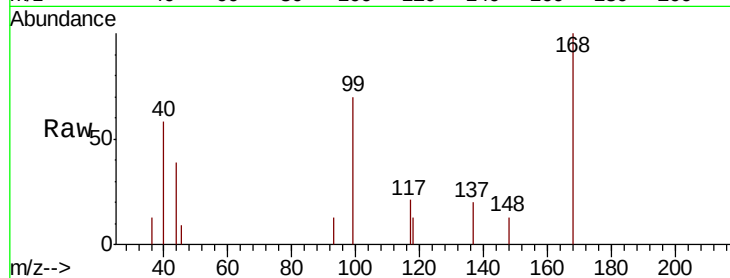
RBR-200052

Tot Ion:168 Resp: 1431

Ion Ratio Lower Upper

168 100

99 70.5 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

600

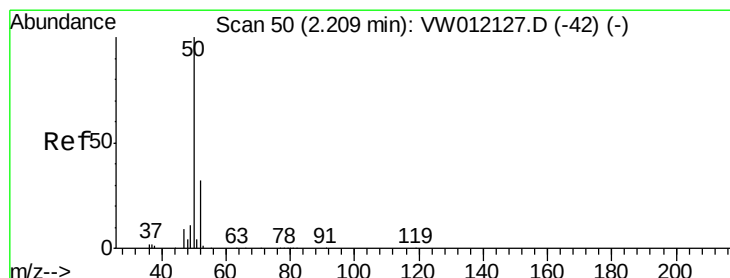
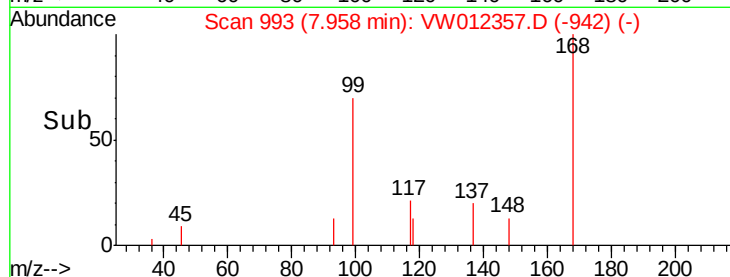
400

200

0

7.90 7.95 8.00

Time-->



#3

Chloromethane

Concen: 25.273 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012357.D

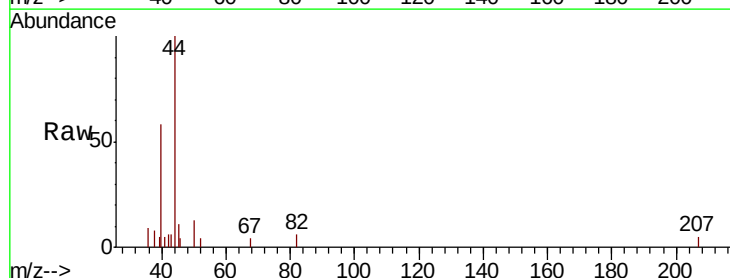
Acq: 30 Aug 2019 18:17

Tgt Ion: 50 Resp: 345

Ion Ratio Lower Upper

50 100

52 3.5 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

200

150

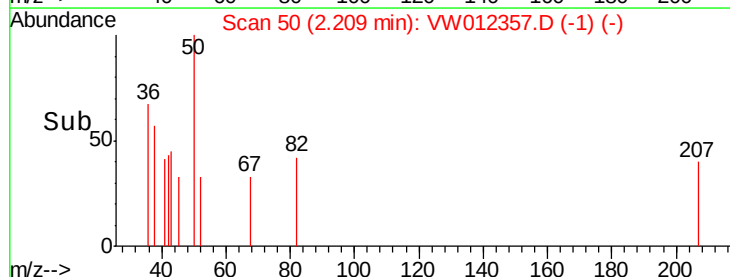
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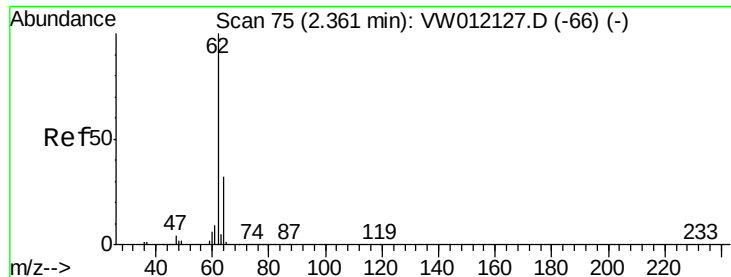
50

0

2.20 2.25

Time-->





#4

Vinyl Chloride

Concen: 1.377 ug/l

RT: 2.39 min Scan# 80

Delta R.T. 0.03 min

Lab File: VW012357.D

Acq: 30 Aug 2019 18:17

Instrument :

MSVOA_W

ClientSampleId :

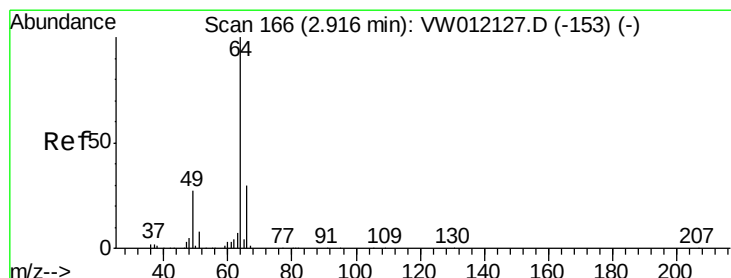
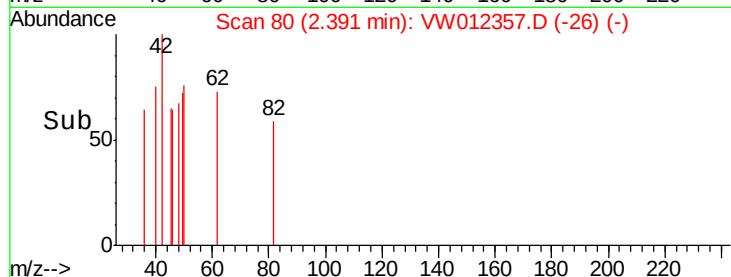
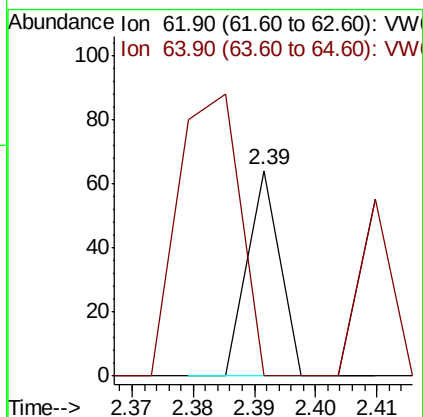
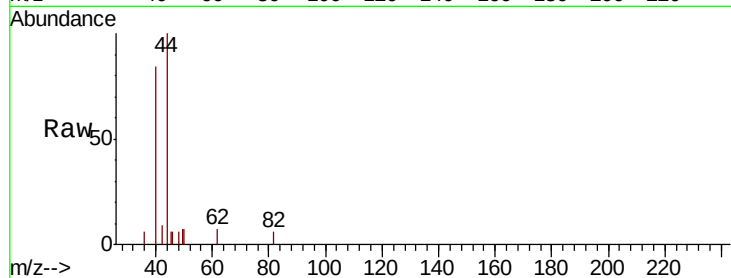
RBR-200052

Tot Ion: 62 Resp: 23

Ion Ratio Lower Upper

62 100

64 0.0 25.3 37.9#



#6

Chloroethane

Concen: 5.623 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW012357.D

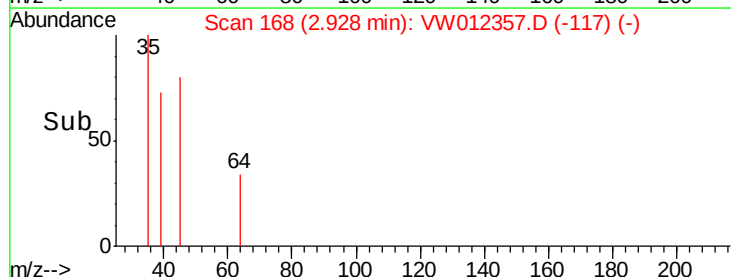
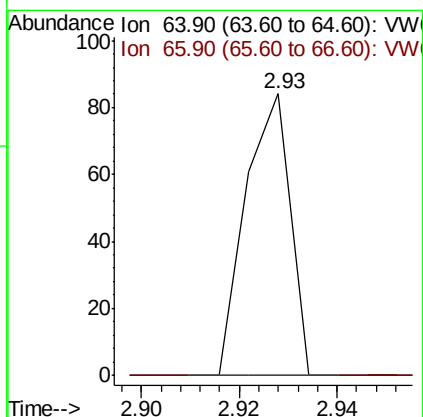
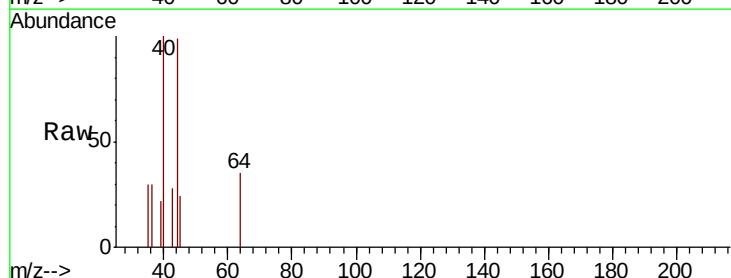
Acq: 30 Aug 2019 18:17

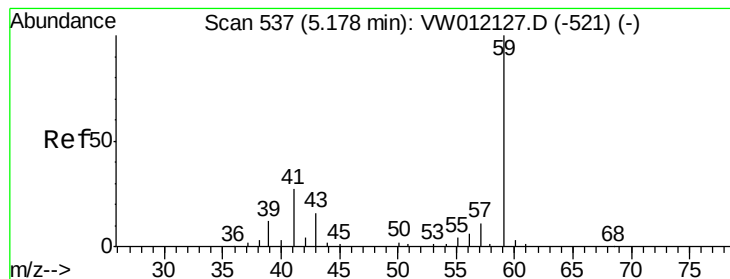
Tgt Ion: 64 Resp: 53

Ion Ratio Lower Upper

64 100

66 0.0 23.8 35.8#



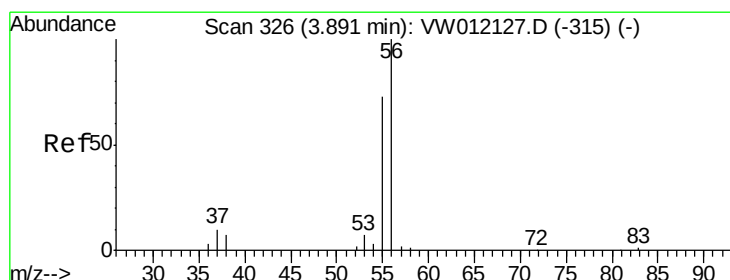
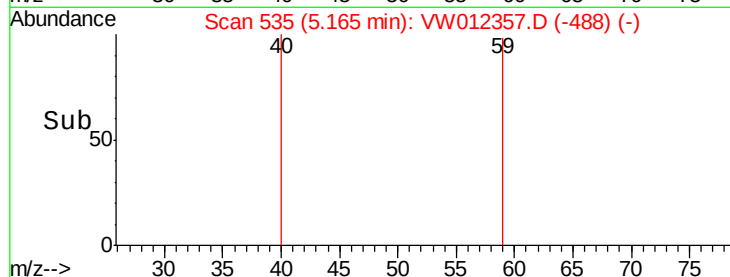
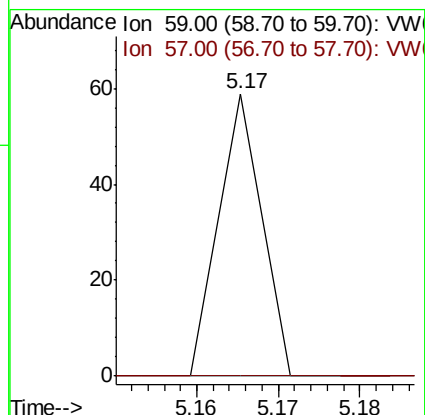
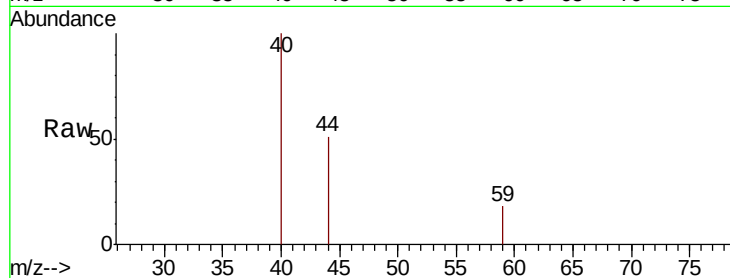


#11

Tert butyl alcohol
 Concen: 21.490 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW012357.D
 Acq: 30 Aug 2019 18:17

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200052

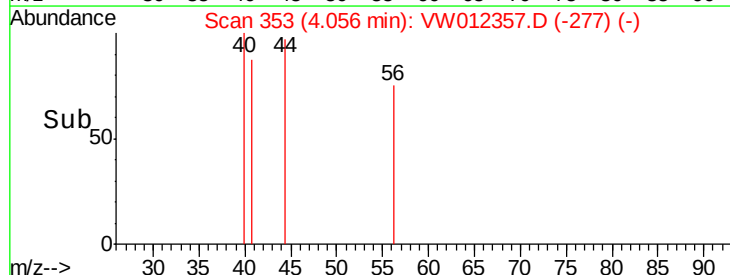
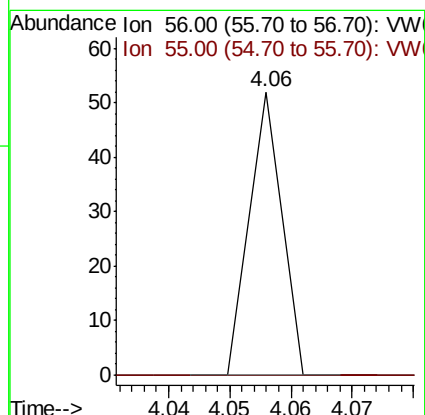
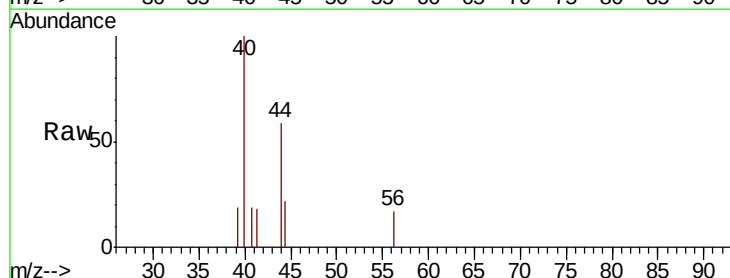
Tot Ion: 59 Resp: 22
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.4#

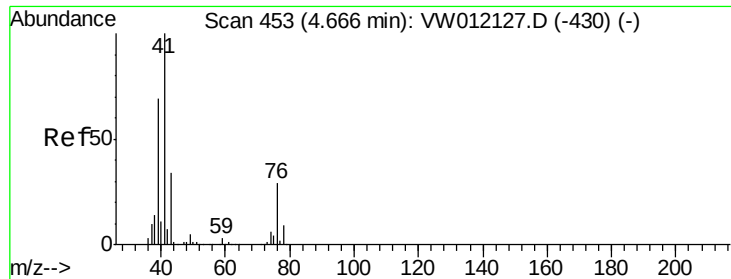


#13

Acrolein
 Concen: 19.717 ug/l
 RT: 4.06 min Scan# 353
 Delta R.T. 0.16 min
 Lab File: VW012357.D
 Acq: 30 Aug 2019 18:17

Tgt Ion: 56 Resp: 19
 Ion Ratio Lower Upper
 56 100
 55 0.0 55.8 83.8#

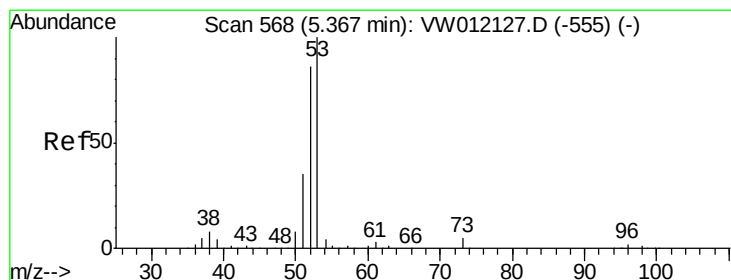
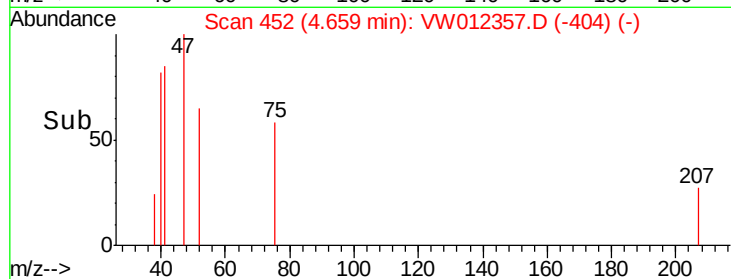
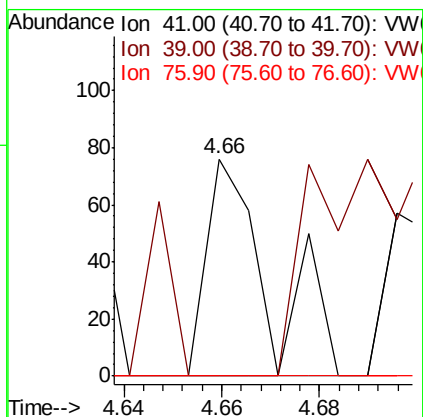
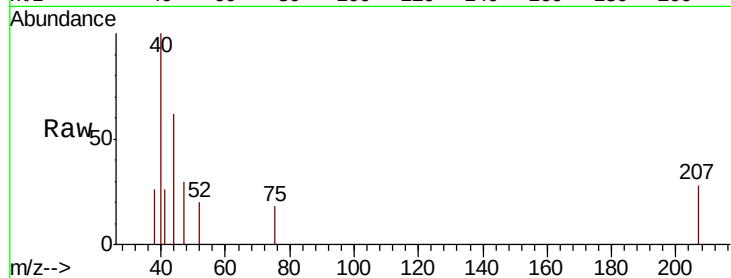




#14
Allvl chloride
Concen: 2.183 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW012357.D
Acq: 30 Aug 2019 18:17

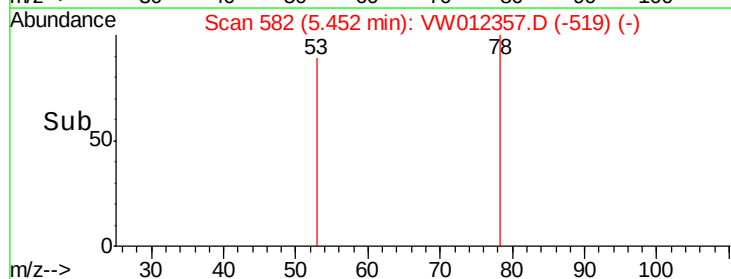
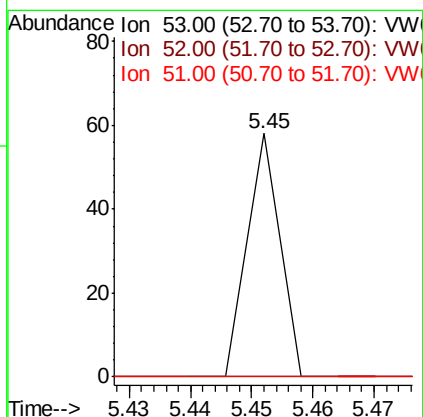
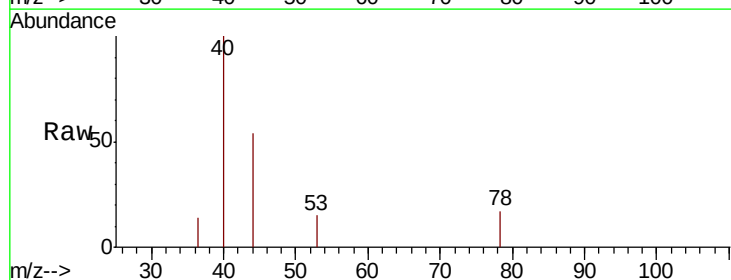
Instrument :
MSVOA_W
ClientSampled :
RBR-200052

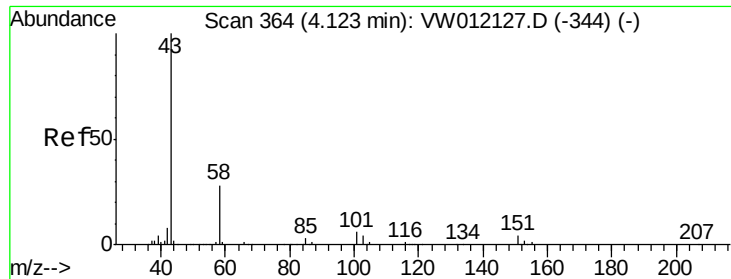
Tot Ion: 41 Resp: 67
Ion Ratio Lower Upper
41 100
39 32.8 53.4 80.2#
76 0.0 22.1 33.1#



#15
Acrylonitrile
Concen: 5.320 ug/l
RT: 5.45 min Scan# 582
Delta R.T. 0.09 min
Lab File: VW012357.D
Acq: 30 Aug 2019 18:17

Tgt Ion: 53 Resp: 21
Ion Ratio Lower Upper
53 100
52 0.0 66.7 100.1#
51 0.0 30.1 45.1#





#16

Acetone

Concen: 409.577 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012357.D

Acq: 30 Aug 2019 18:17

Instrument :

MSVOA_W

ClientSampled :

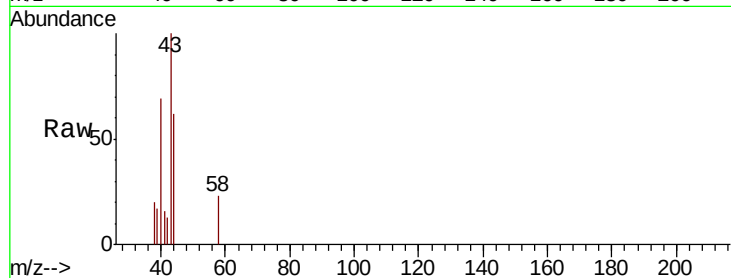
RBR-200052

Tot Ion: 43 Resp: 1781

Ion Ratio Lower Upper

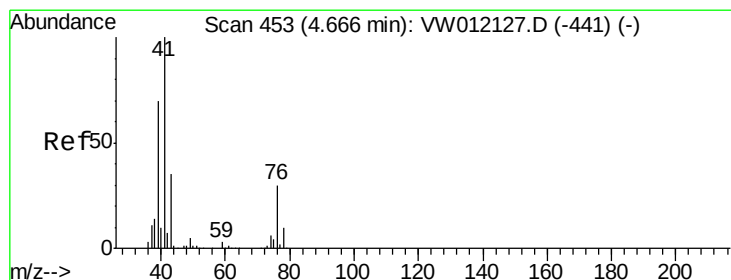
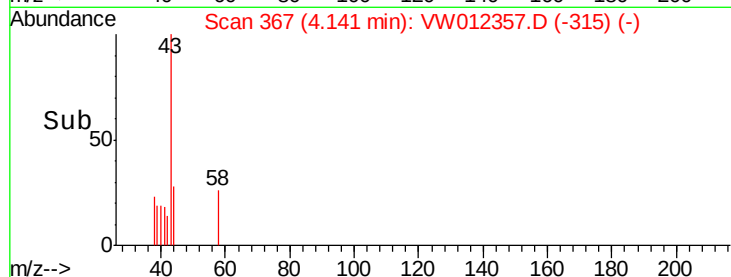
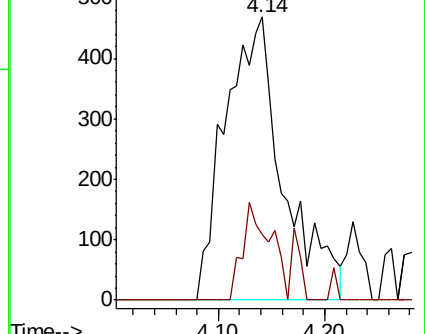
43 100

58 23.1 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 2.136 ug/l

RT: 4.65 min Scan# 450

Delta R.T. -0.02 min

Lab File: VW012357.D

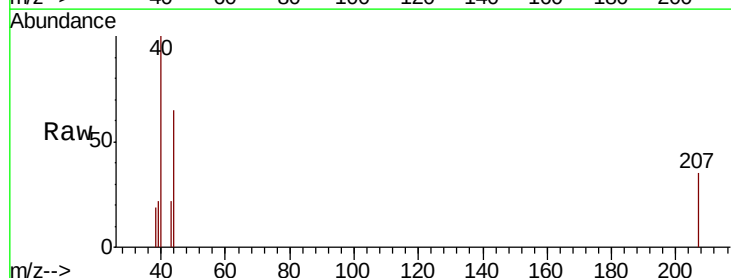
Acq: 30 Aug 2019 18:17

Tgt Ion: 43 Resp: 23

Ion Ratio Lower Upper

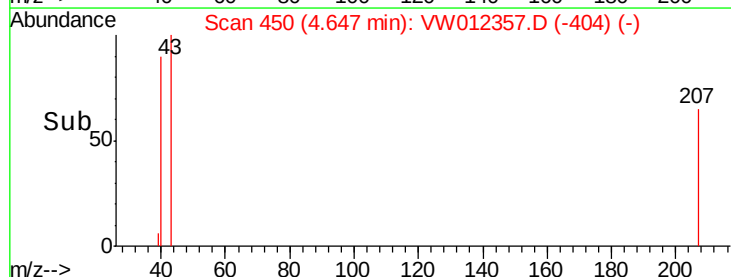
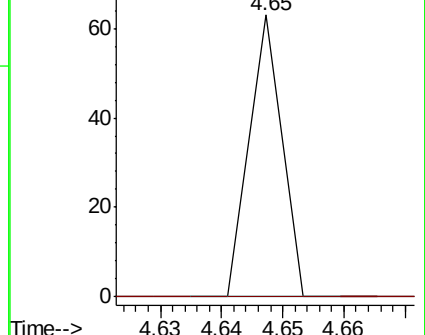
43 100

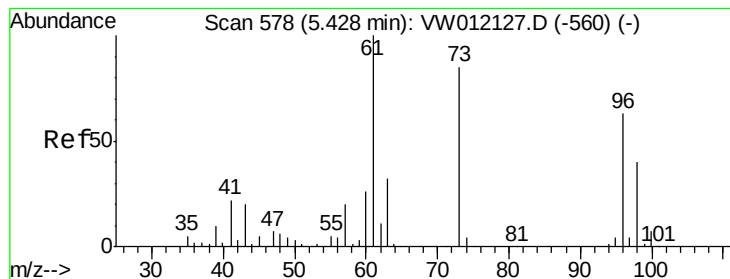
74 0.0 15.7 23.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



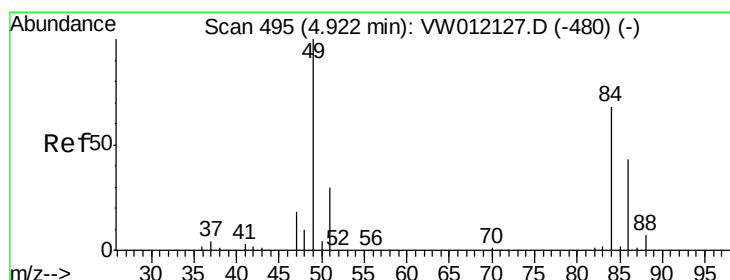
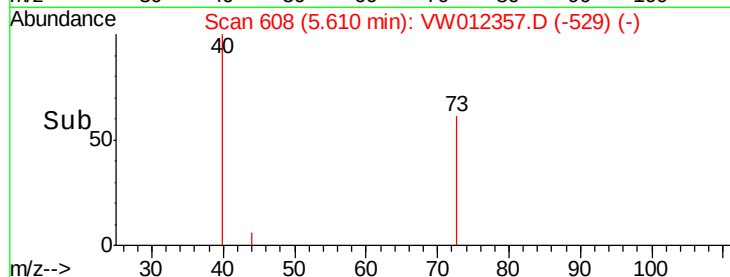
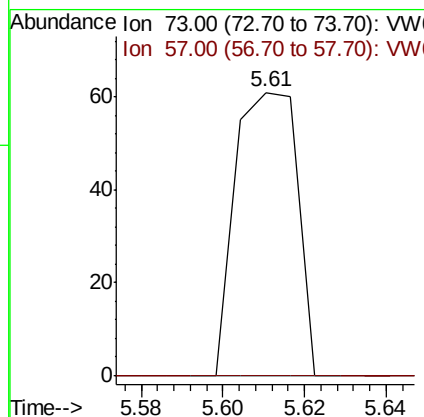
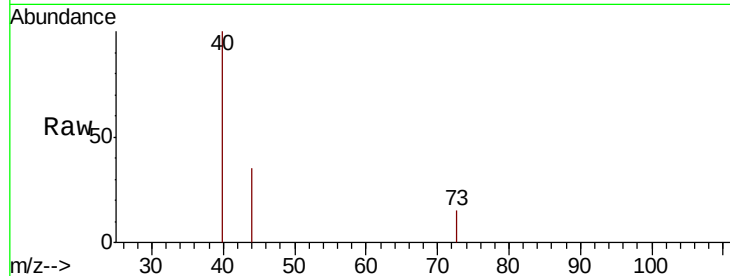


#19

Methyl tert-butyl Ether
 Concen: 2.757 ug/l
 RT: 5.61 min Scan# 608
 Delta R.T. 0.18 min
 Lab File: VW012357.D
 Acq: 30 Aug 2019 18:17

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200052

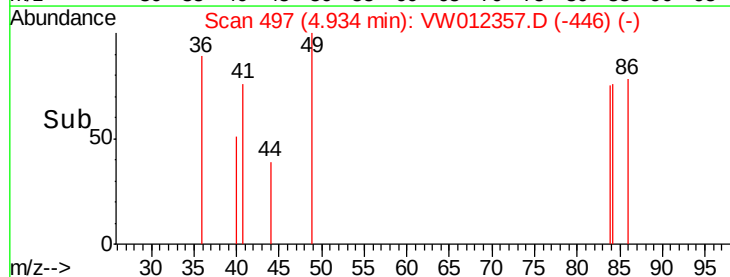
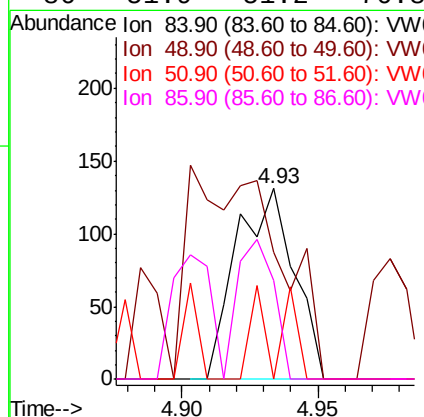
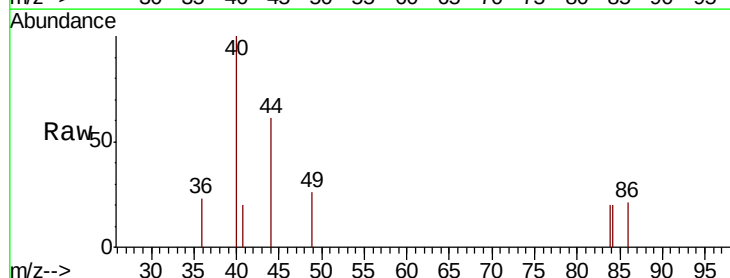
Tot Ion: 73 Resp: 64
 Ion Ratio Lower Upper
 73 100
 57 0.0 18.9 28.3#

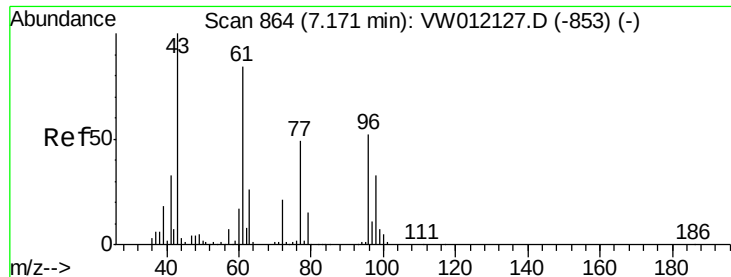


#20

Methylene Chloride
 Concen: 11.741 ug/l
 RT: 4.93 min Scan# 497
 Delta R.T. 0.01 min
 Lab File: VW012357.D
 Acq: 30 Aug 2019 18:17

Tgt Ion: 84 Resp: 193
 Ion Ratio Lower Upper
 84 100
 49 66.4 117.8 176.8#
 51 0.0 35.6 53.4#
 86 51.9 51.2 76.8





#25

2-Butanone

Concen: 17.939 ug/l

RT: 7.20 min Scan# 869

Delta R.T. 0.03 min

Lab File: VW012357.D

Acq: 30 Aug 2019 18:17

Instrument :

MSVOA_W

ClientSampled :

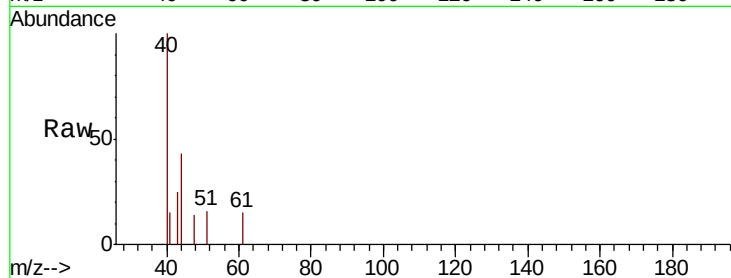
RBR-200052

Tot Ion: 43 Resp: 106

Ion Ratio Lower Upper

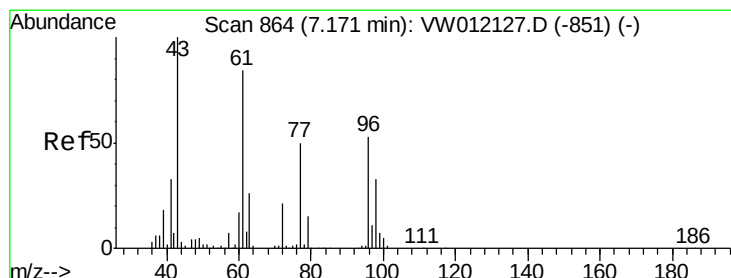
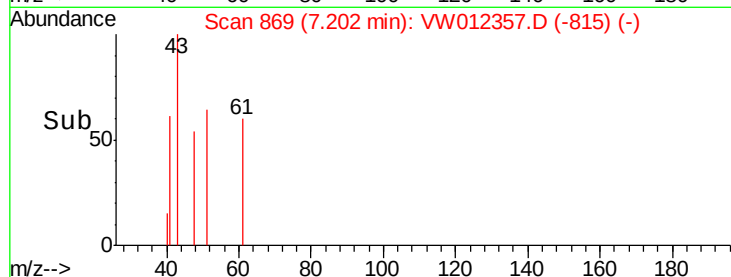
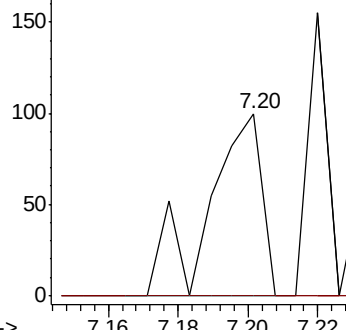
43 100

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



#27

cis-1,2-Dichloroethene

Concen: 26.026 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012357.D

Acq: 30 Aug 2019 18:17

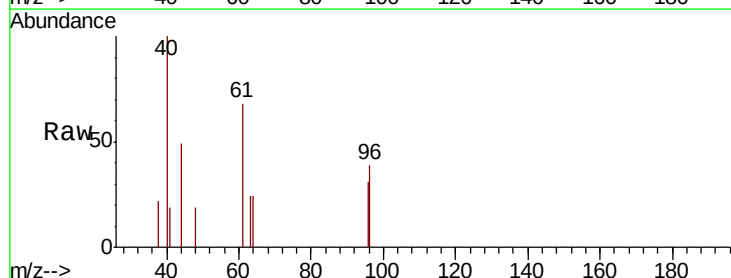
Tgt Ion: 96 Resp: 428

Ion Ratio Lower Upper

96 100

61 141.8 0.0 326.6

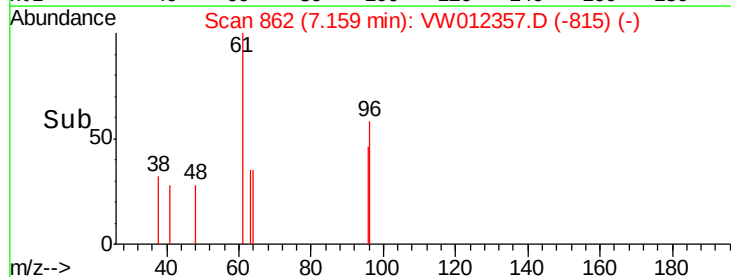
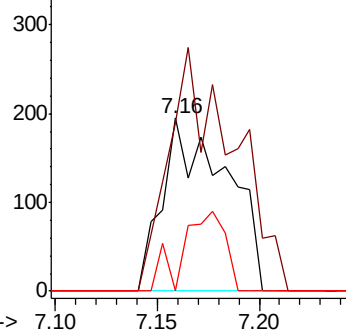
98 30.8 0.0 127.4

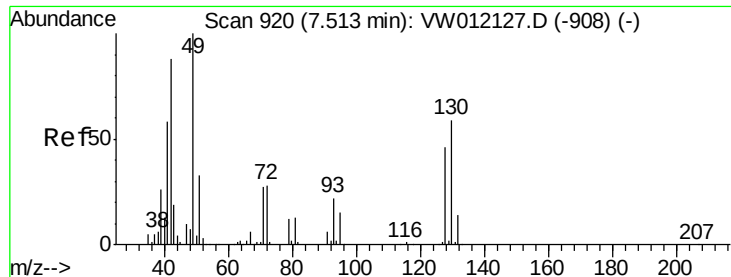


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#28

Bromochloromethane

Concen: 1.408 ug/l

RT: 7.52 min Scan# 922

Delta R.T. 0.01 min

Lab File: VW012357.D

Acq: 30 Aug 2019 18:17

Instrument :

MSVOA_W

ClientSampled :

RBR-200052

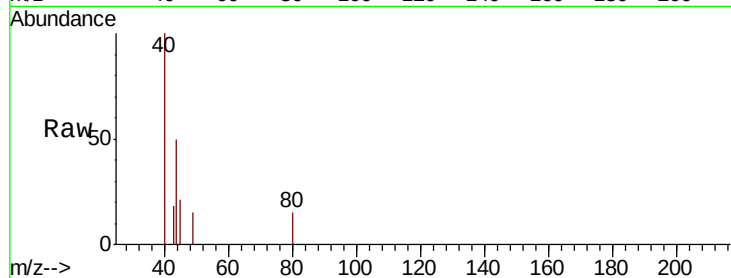
Tot Ion: 49 Resp: 19

Ion Ratio Lower Upper

49 100

129 0.0 0.0 1.4

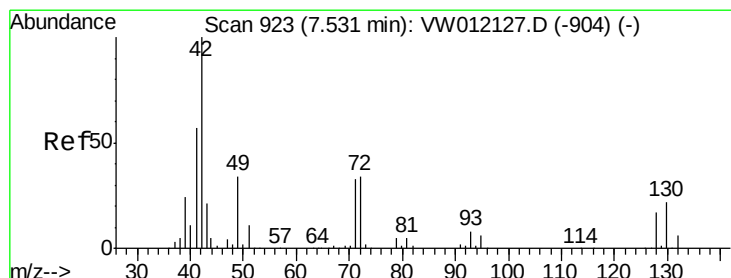
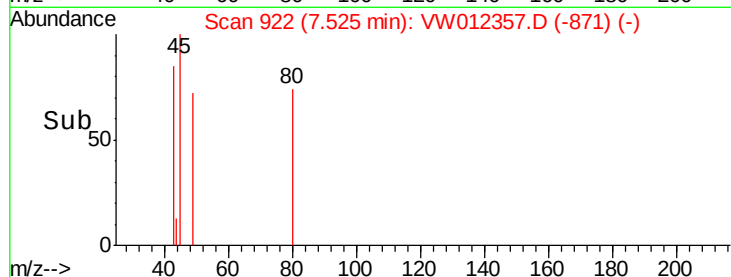
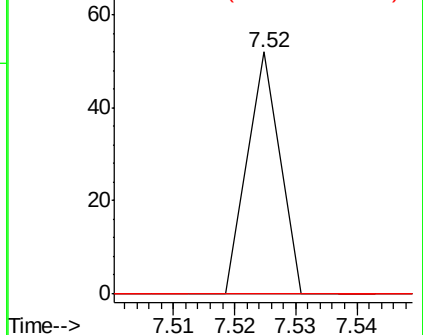
130 0.0 45.5 68.3#



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: 5.359 ug/l

RT: 7.51 min Scan# 920

Delta R.T. -0.02 min

Lab File: VW012357.D

Acq: 30 Aug 2019 18:17

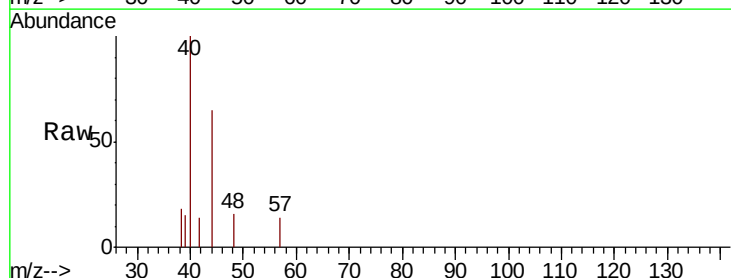
Tgt Ion: 42 Resp: 19

Ion Ratio Lower Upper

42 100

72 0.0 27.3 40.9#

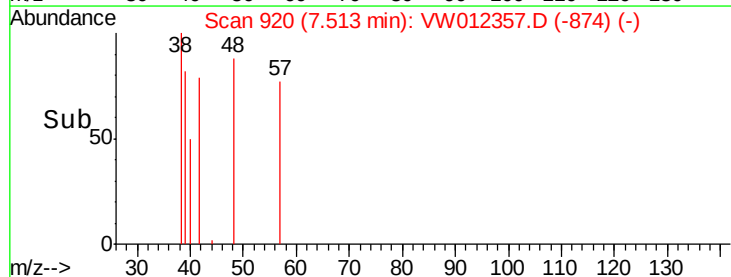
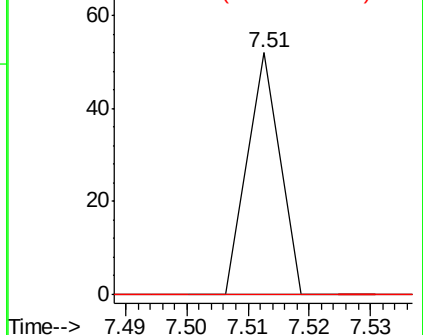
71 0.0 25.5 38.3#

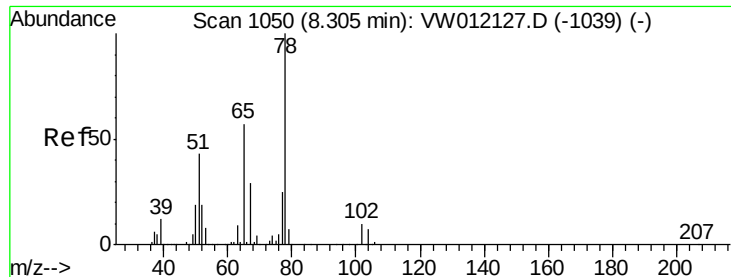


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

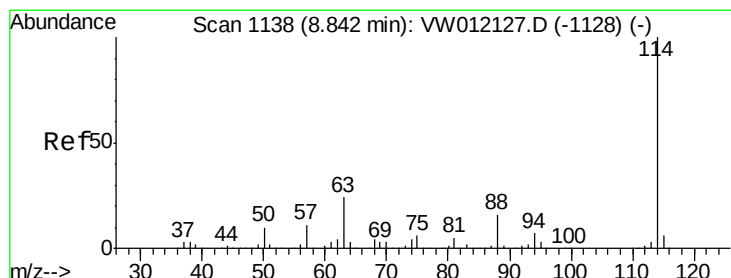
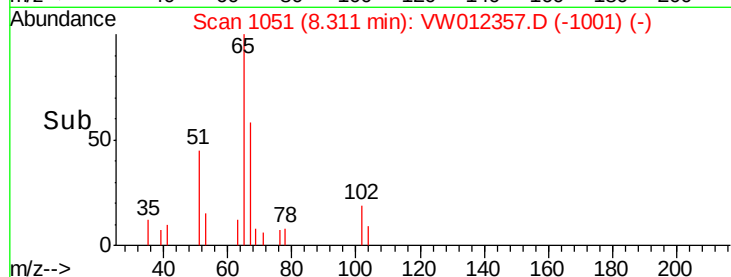
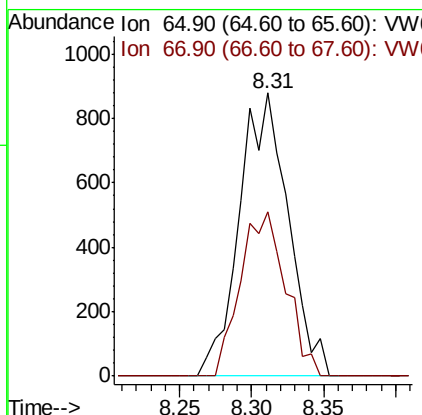
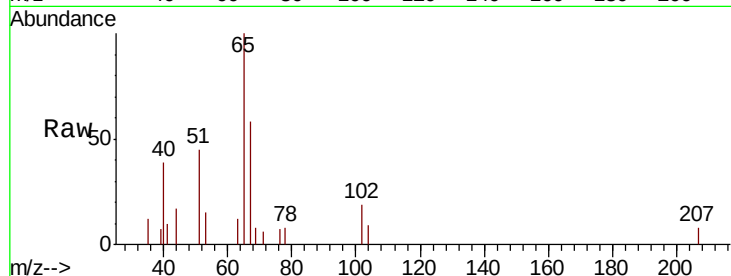




#33
 1,2-Dichloroethane-d4
 Concen: 121.568 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW012357.D
 Acq: 30 Aug 2019 18:17

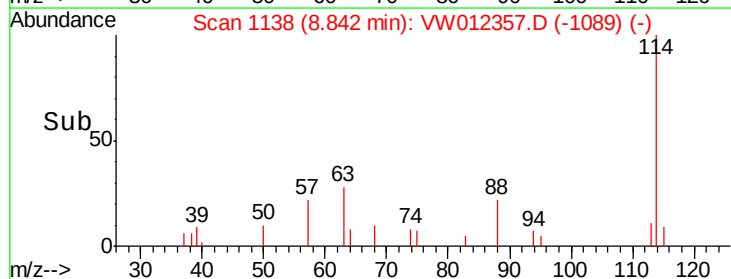
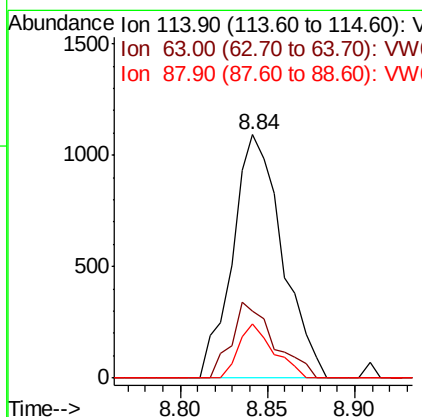
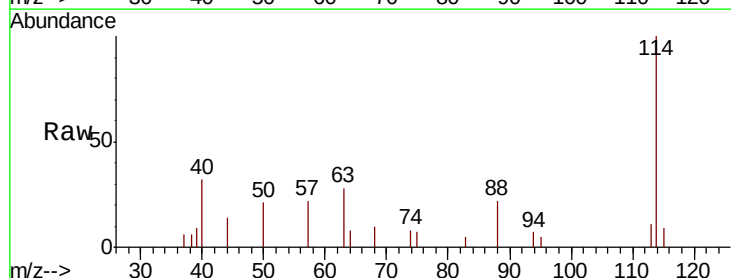
Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200052

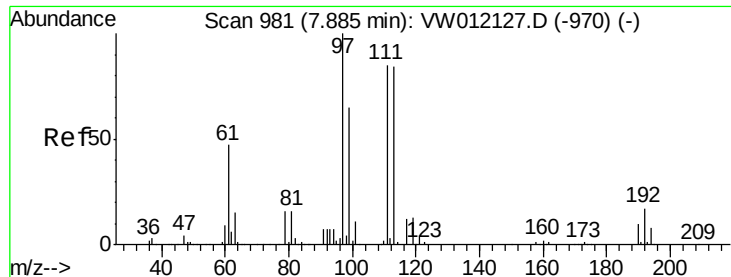
Tot Ion: 65 Resp: 2068
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012357.D
 Acq: 30 Aug 2019 18:17

Tgt Ion: 114 Resp: 2164
 Ion Ratio Lower Upper
 114 100
 63 27.7 0.0 48.6
 88 22.0 0.0 32.2

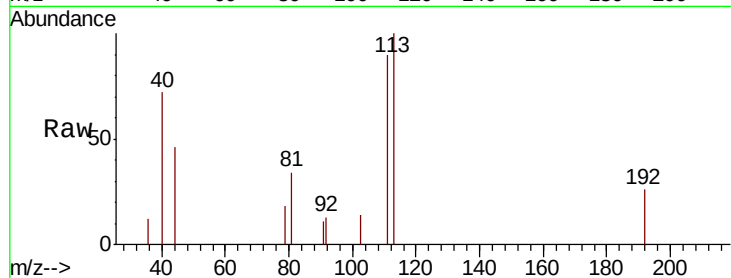




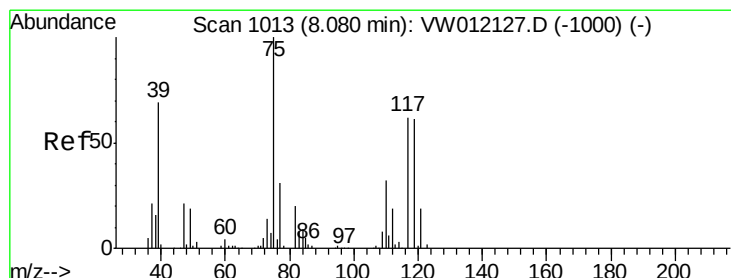
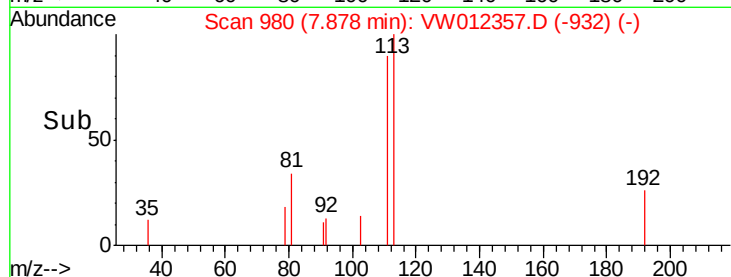
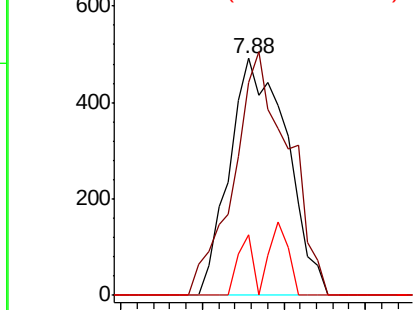
#35
 Dibromofluoromethane
 Concen: 93.056 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012357.D
 Acq: 30 Aug 2019 18:17

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200052

Tot Ion:113 Resp: 1202
 Ion Ratio Lower Upper
 113 100
 111 98.4 82.7 124.1
 192 6.4 16.2 24.2#

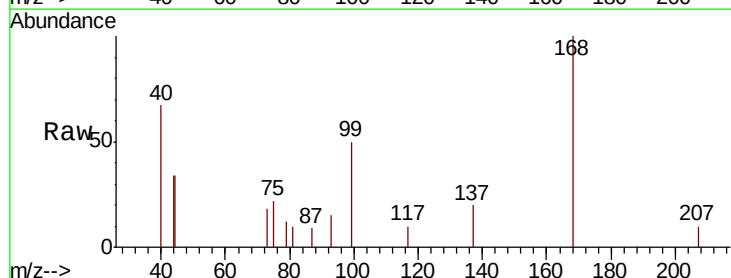


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

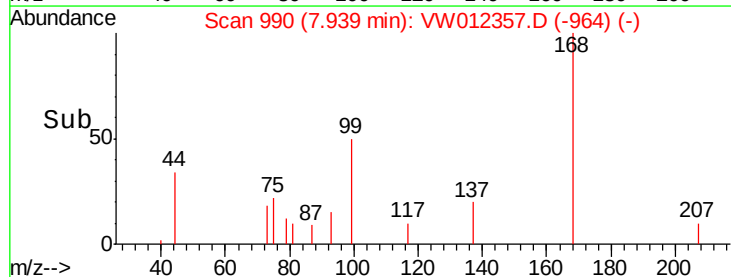
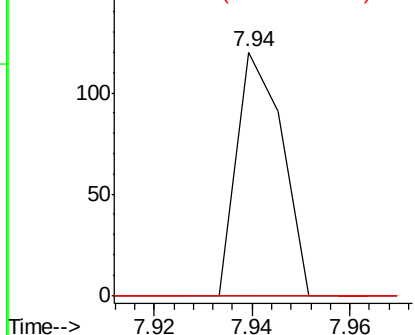


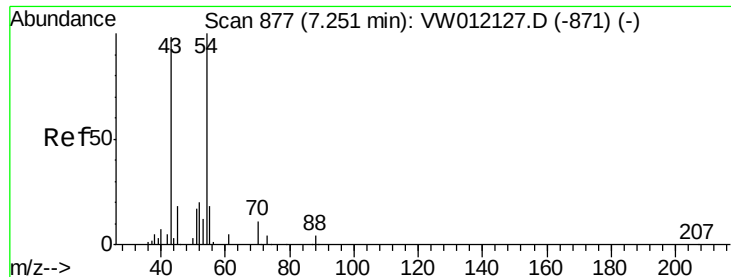
#36
 1,1-Dichloropropene
 Concen: 3.443 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW012357.D
 Acq: 30 Aug 2019 18:17

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



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 6.365 ug/l

RT: 7.22 min Scan# 872

Delta R.T. -0.03 min

Lab File: VW012357.D

Acq: 30 Aug 2019 18:17

Instrument :

MSVOA_W

ClientSampleId :

RBR-200052

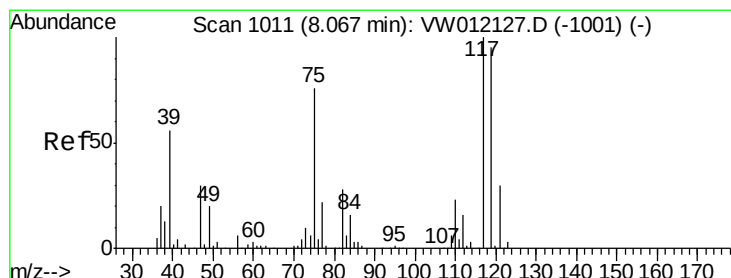
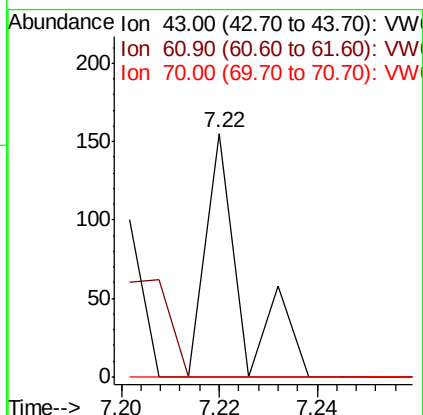
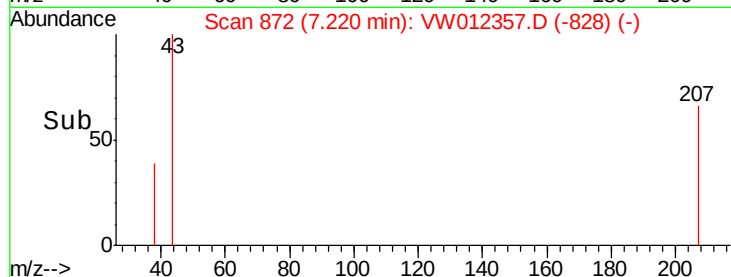
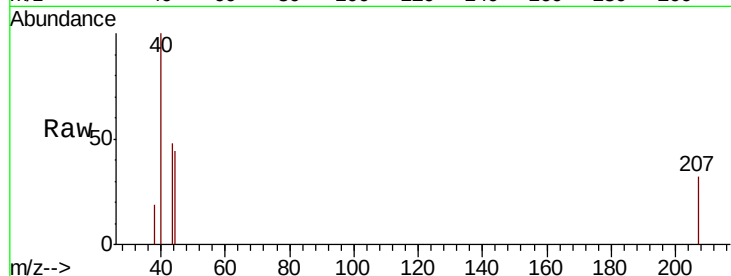
Tot Ion: 43 Resp: 78

Ion Ratio Lower Upper

43 100

61 0.0 9.2 13.8#

70 0.0 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 8.731 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.11 min

Lab File: VW012357.D

Acq: 30 Aug 2019 18:17

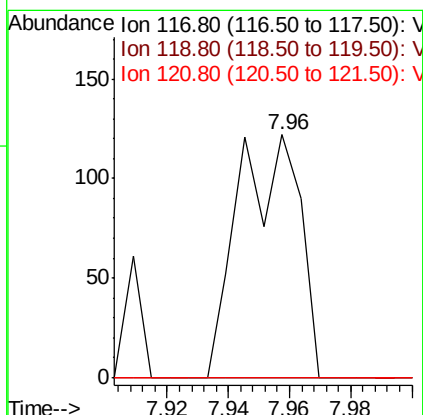
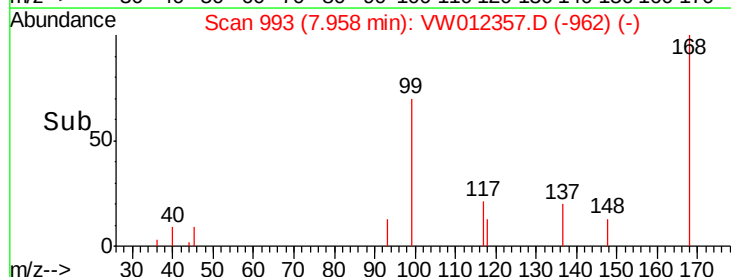
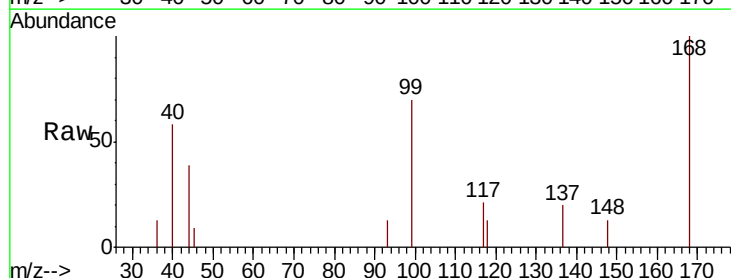
Tgt Ion: 117 Resp: 169

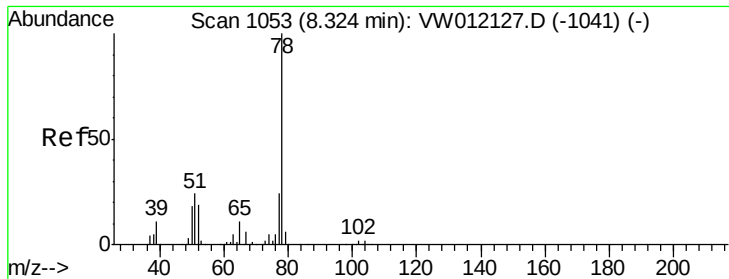
Ion Ratio Lower Upper

117 100

119 0.0 76.2 114.2#

121 0.0 23.8 35.8#





#40

Benzene

Concen: 4.061 ug/l

RT: 8.34 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VW012357.D

Acq: 30 Aug 2019 18:17

Instrument :

MSVOA_W

ClientSampleId :

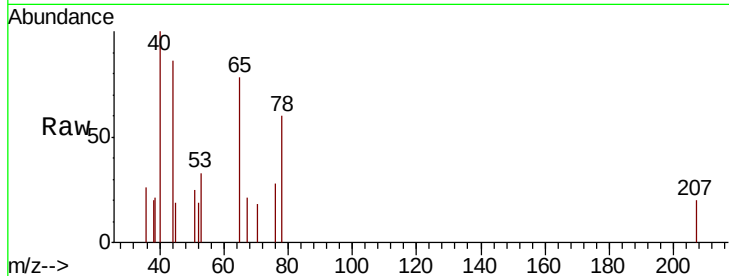
RBR-200052

Tot Ion: 78 Resp: 248

Ion Ratio Lower Upper

78 100

77 0.0 19.5 29.3#



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

8.34

150

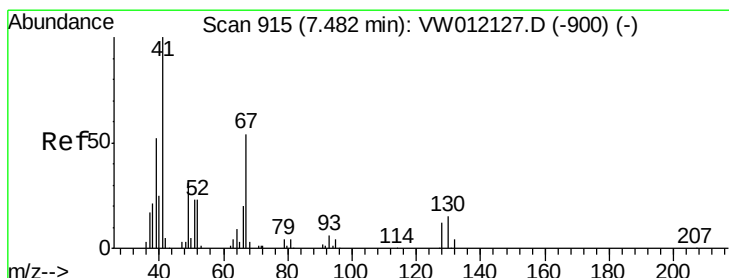
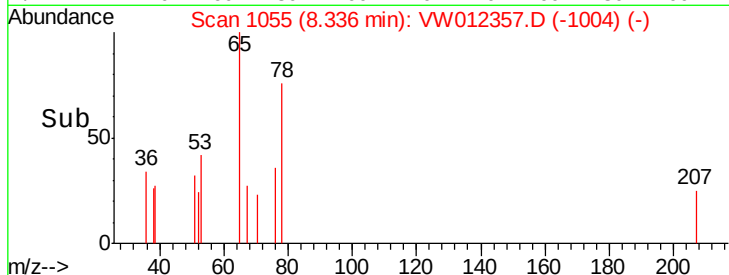
100

50

0

8.32 8.34 8.36

Time-->



#41

Methacrylonitrile

Concen: 3.055 ug/l

RT: 7.43 min Scan# 907

Delta R.T. -0.05 min

Lab File: VW012357.D

Acq: 30 Aug 2019 18:17

Tgt Ion: 41 Resp: 22

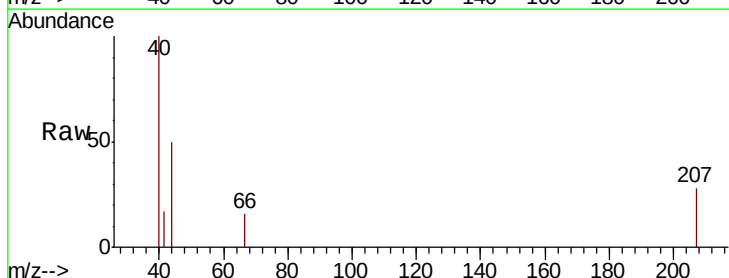
Ion Ratio Lower Upper

41 100

39 0.0 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

80

60

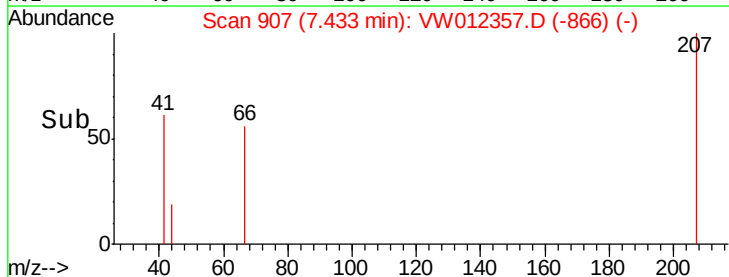
40

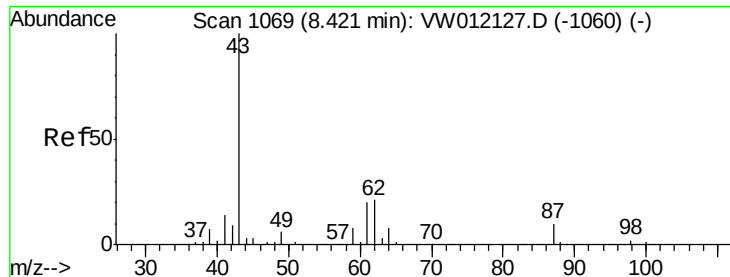
20

0

7.41 7.42 7.43 7.44 7.45

Time-->





#43

Isopropyl Acetate

Concen: 1.145 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.02 min

Lab File: VW012357.D

Acq: 30 Aug 2019 18:17

Instrument :

MSVOA_W

ClientSampleId :

RBR-200052

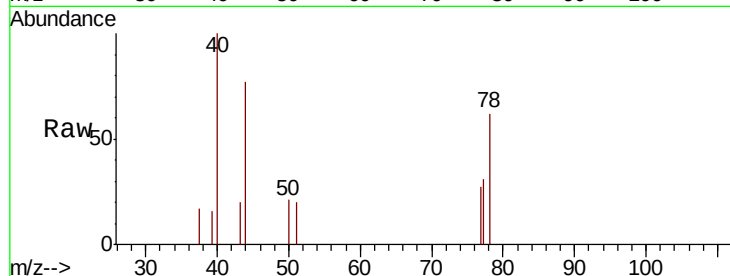
Tot Ion: 43 Resp: 26

Ion Ratio Lower Upper

43 100

61 0.0 21.1 31.7#

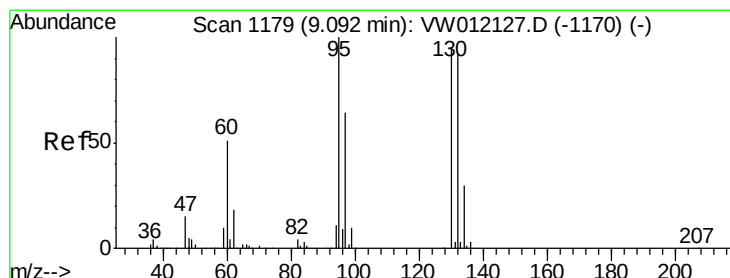
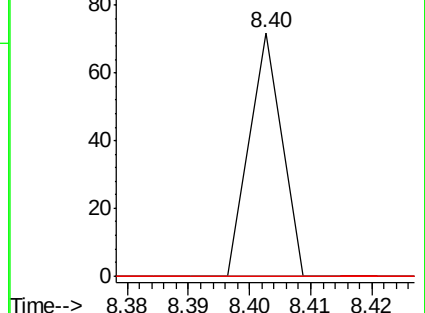
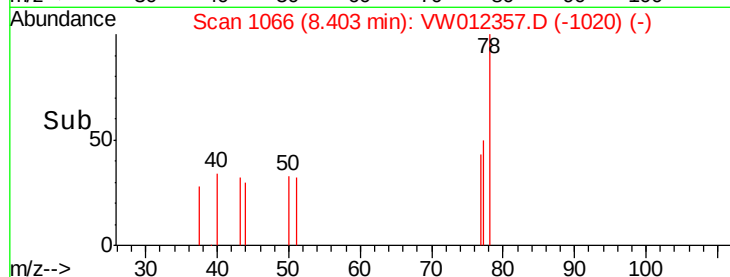
87 0.0 8.2 12.2#



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



#44

Trichloroethene

Concen: 1.954 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW012357.D

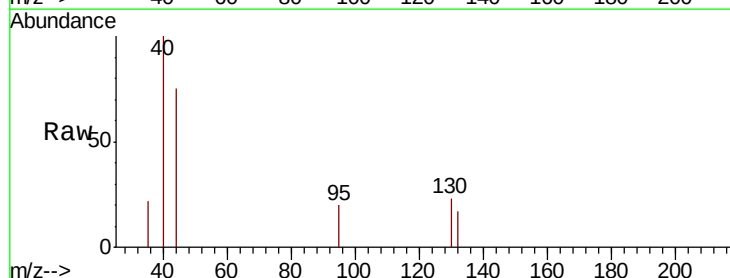
Acq: 30 Aug 2019 18:17

Tgt Ion: 130 Resp: 29

Ion Ratio Lower Upper

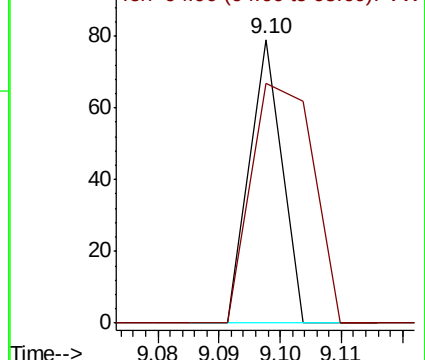
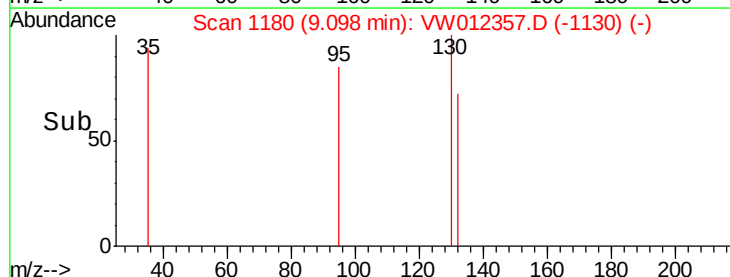
130 100

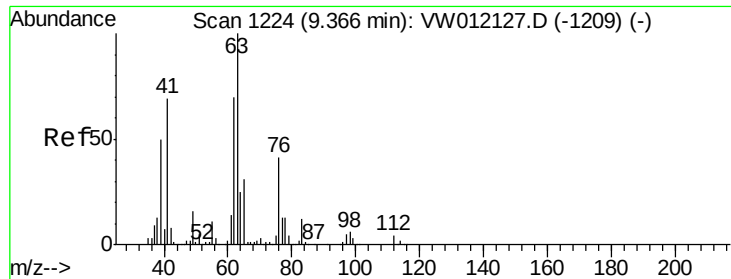
95 84.8 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

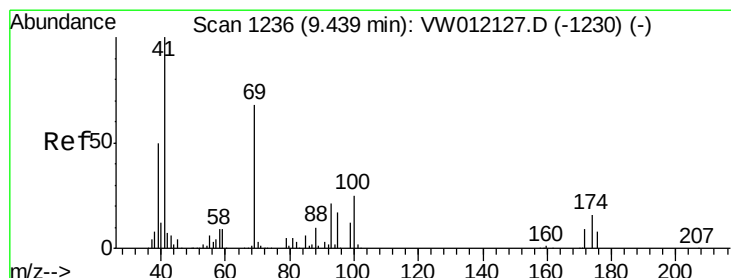
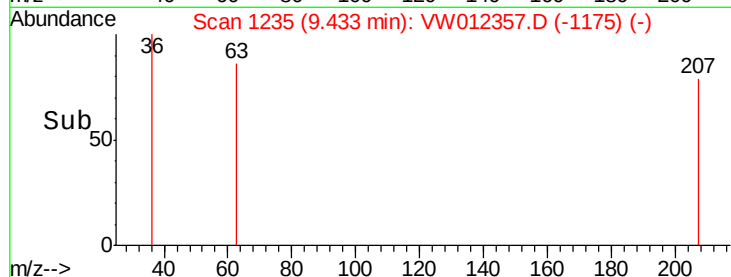
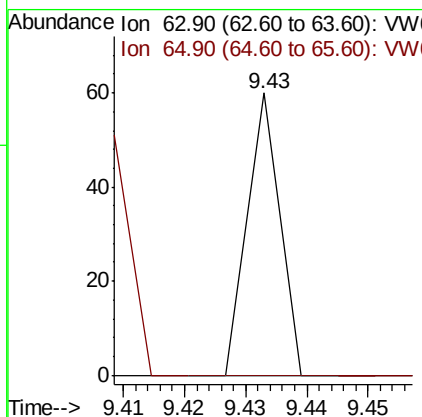
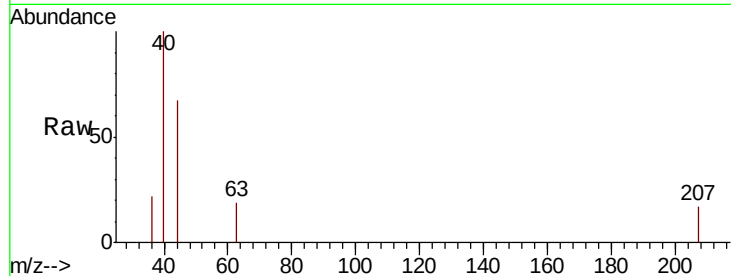




#45
 1,2-Dichloropropane
 Concen: 1.339 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.07 min
 Lab File: VW012357.D
 Acq: 30 Aug 2019 18:17

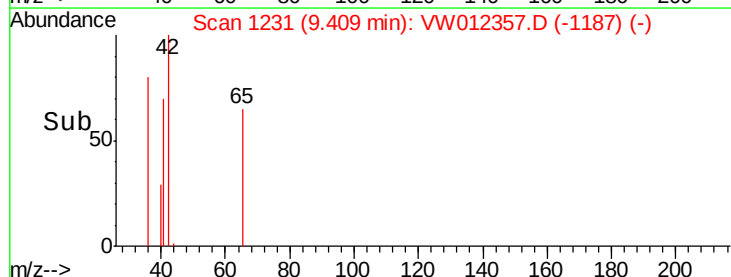
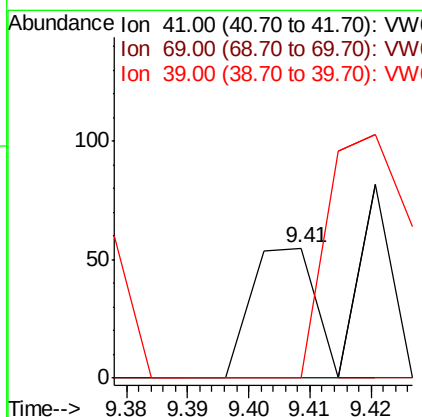
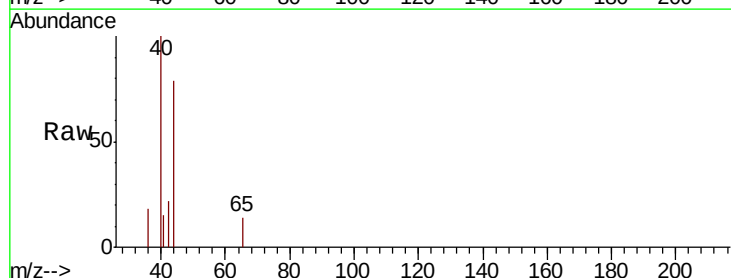
Instrument :
 MSVOA_W
 ClientSampled :
 RBR-200052

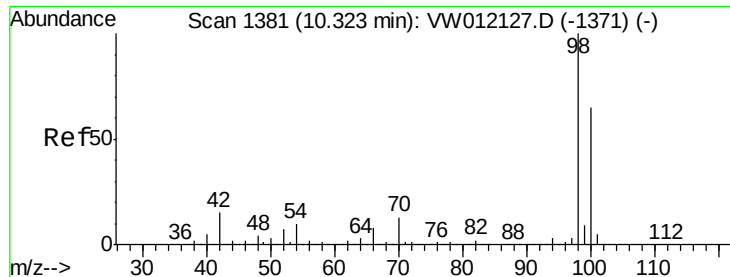
Tot Ion: 63 Resp: 22
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.4#



#48
 Methyl methacrylate
 Concen: 3.703 ug/l
 RT: 9.41 min Scan# 1231
 Delta R.T. -0.03 min
 Lab File: VW012357.D
 Acq: 30 Aug 2019 18:17

Tgt Ion: 41 Resp: 40
 Ion Ratio Lower Upper
 41 100
 69 0.0 56.7 85.1#
 39 240.0 42.0 63.0#





#50

Toluene-d8

Concen: 50.731 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012357.D

Acq: 30 Aug 2019 18:17

Instrument :

MSVOA_W

ClientSampleId :

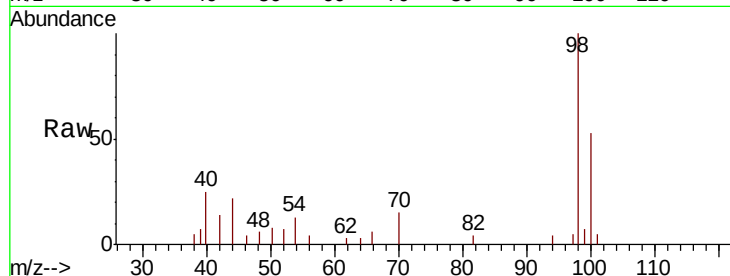
RBR-200052

Tot Ion: 98 Resp: 2657

Ion Ratio Lower Upper

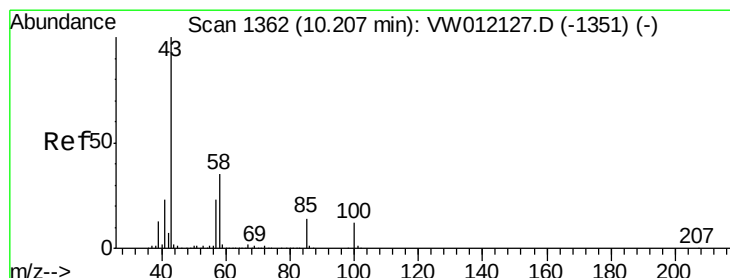
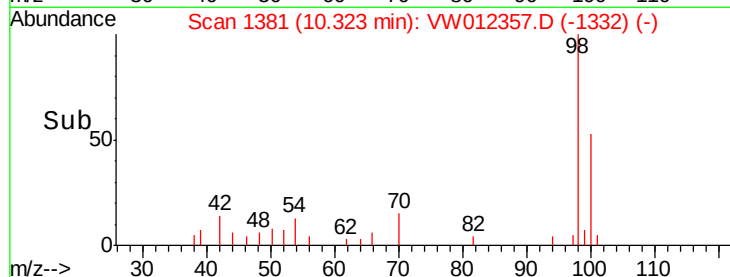
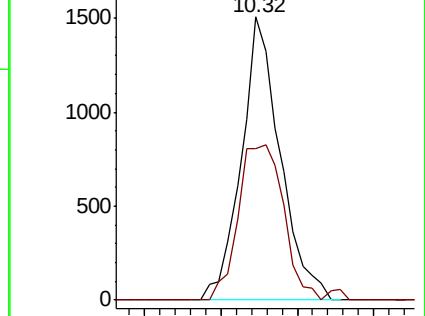
98 100

100 64.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 5.890 ug/l

RT: 10.23 min Scan# 1366

Delta R.T. 0.02 min

Lab File: VW012357.D

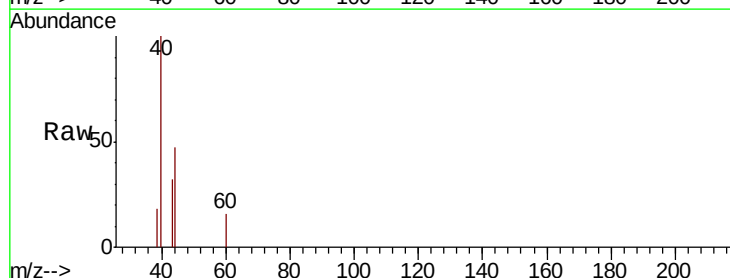
Acq: 30 Aug 2019 18:17

Tgt Ion: 43 Resp: 68

Ion Ratio Lower Upper

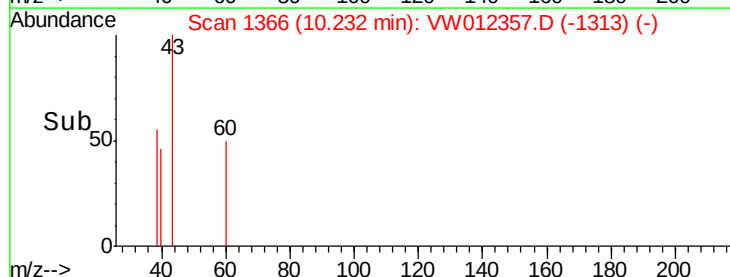
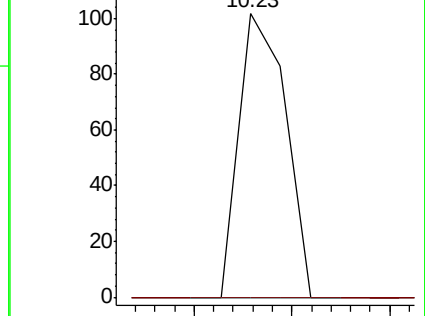
43 100

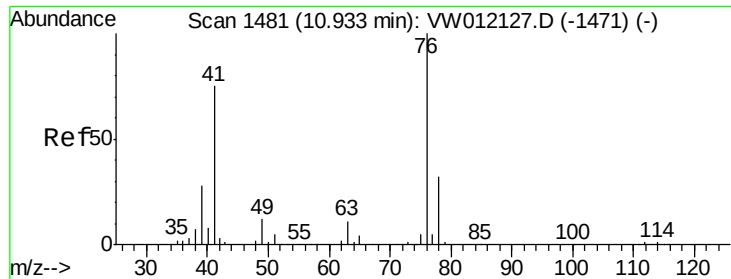
58 0.0 28.2 42.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

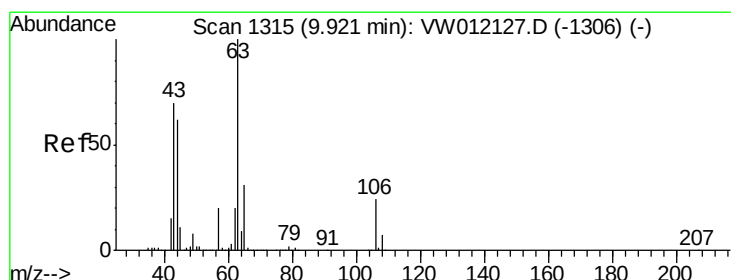
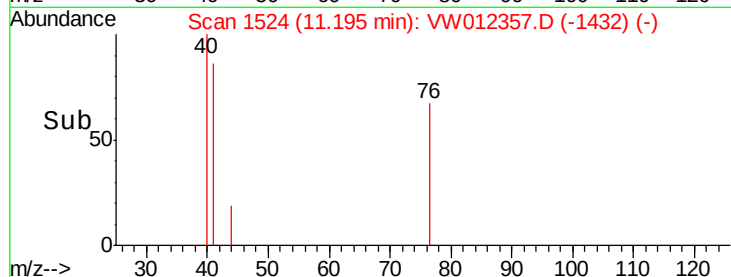
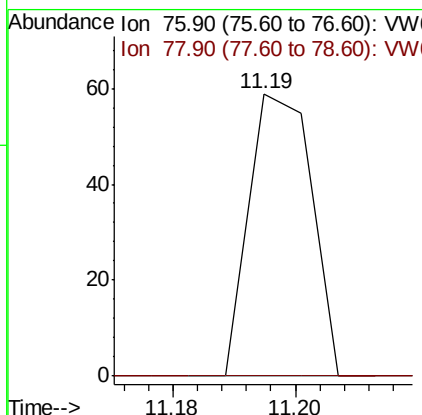
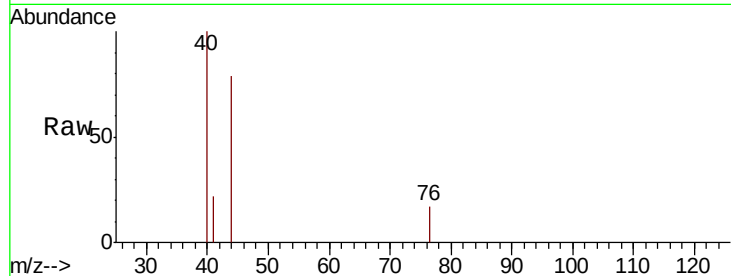




#57
 1,3-Dichloropropane
 Concen: 2.148 ug/l
 RT: 11.19 min Scan# 1524
 Delta R.T. 0.26 min
 Lab File: VW012357.D
 Acq: 30 Aug 2019 18:17

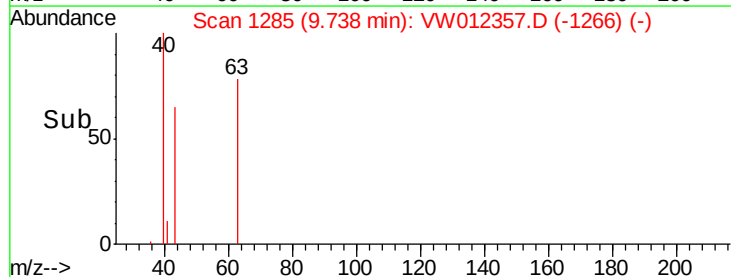
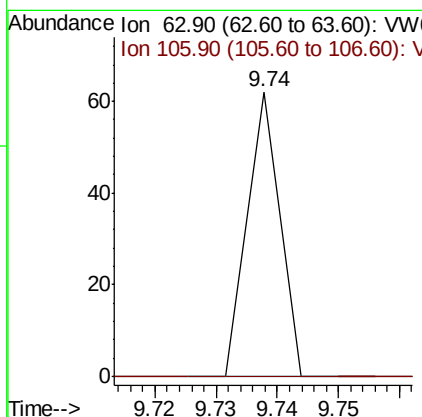
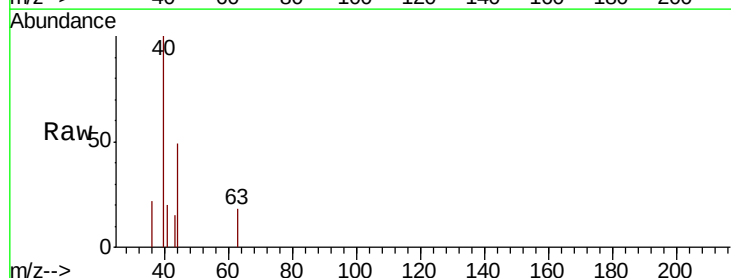
Instrument :
 MSVOA_W
 ClientSampled :
 RBR-200052

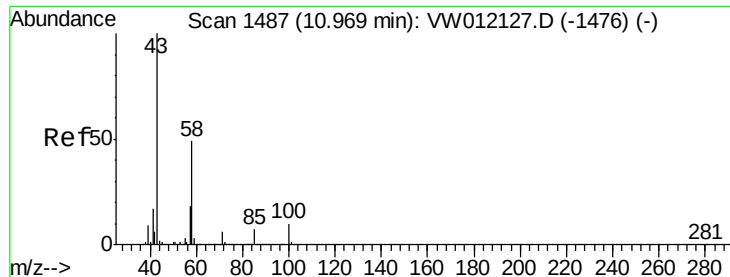
Tot Ion: 76 Resp: 42
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#



#58
 2-Chloroethyl Vinyl ether
 Concen: 2.976 ug/l
 RT: 9.74 min Scan# 1285
 Delta R.T. -0.18 min
 Lab File: VW012357.D
 Acq: 30 Aug 2019 18:17

Tgt Ion: 63 Resp: 23
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.8 29.8#

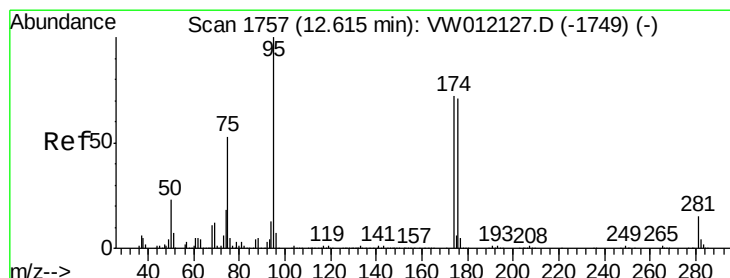
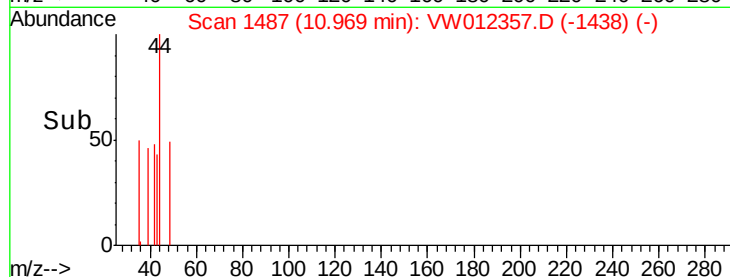
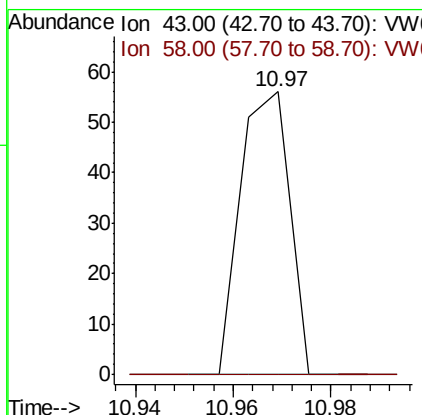
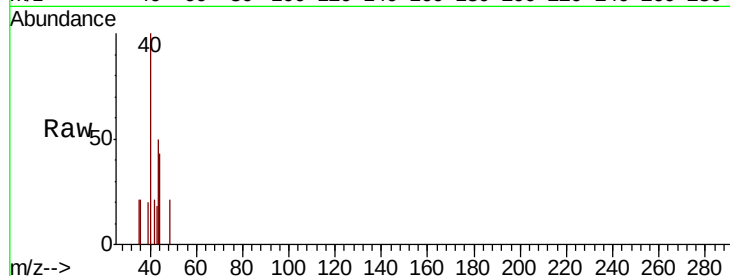




#59
2-Hexanone
Concen: 4.774 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012357.D
Acq: 30 Aug 2019 18:17

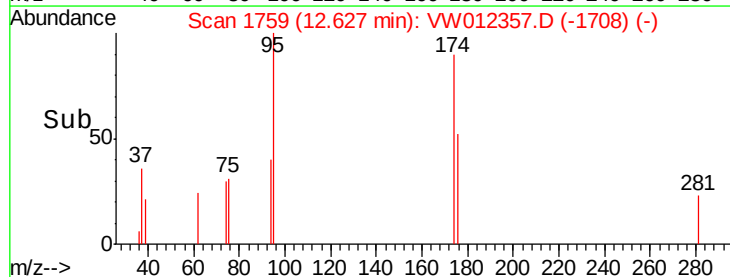
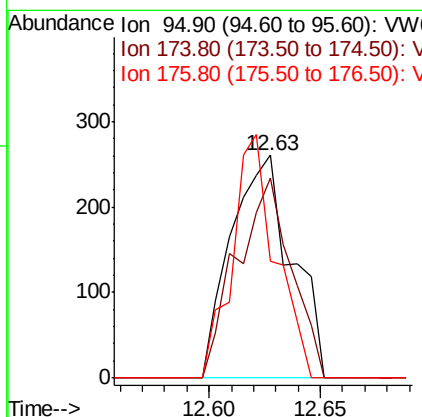
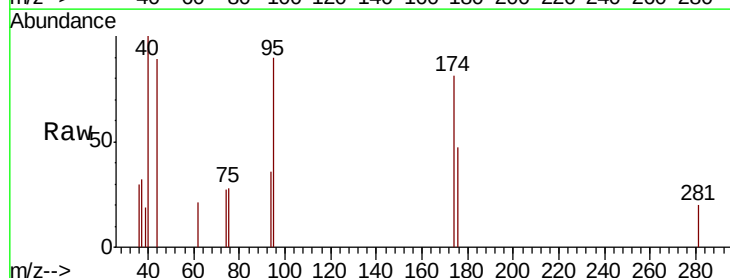
Instrument :
MSVOA_W
ClientSampleId :
RBR-200052

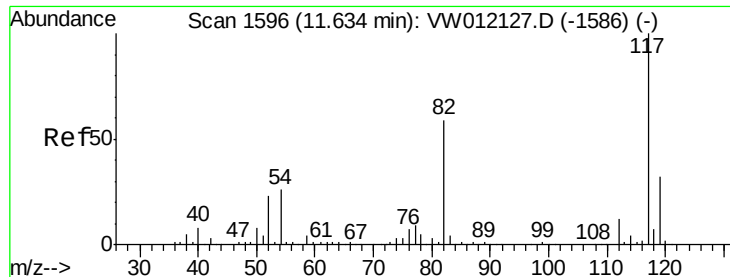
Tot Ion: 43 Resp: 39
Ion Ratio Lower Upper
43 100
58 0.0 24.3 72.9#



#62
4-Bromofluorobenzene
Concen: 26.704 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW012357.D
Acq: 30 Aug 2019 18:17

Tgt Ion: 95 Resp: 493
Ion Ratio Lower Upper
95 100
174 80.5 0.0 150.8
176 77.9 0.0 148.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.01 min

Lab File: VW012357.D

Acq: 30 Aug 2019 18:17

Instrument :

MSVOA_W

ClientSampleId :

RBR-200052

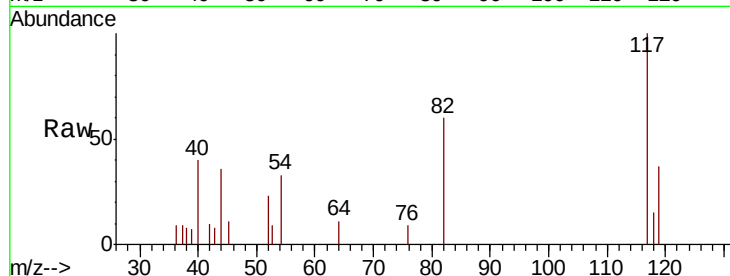
Tot Ion:117 Resp: 1514

Ion Ratio Lower Upper

117 100

82 60.4 47.4 71.2

119 36.7 25.4 38.2

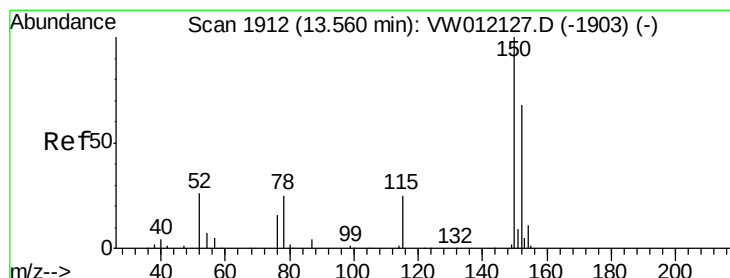
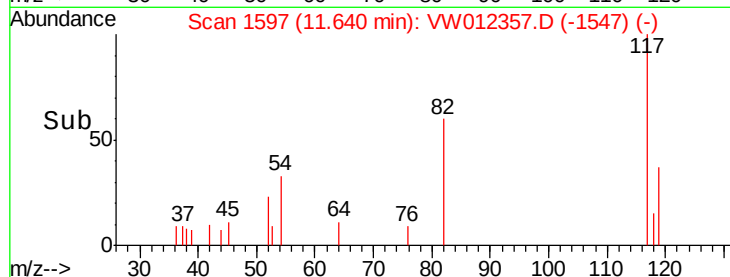
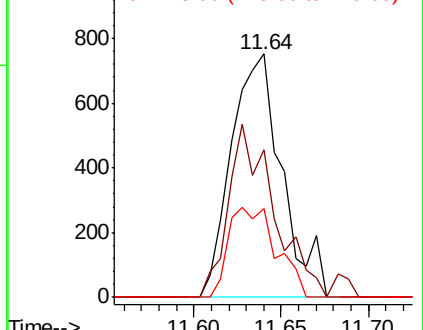


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): 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: VW012357.D

Acq: 30 Aug 2019 18:17

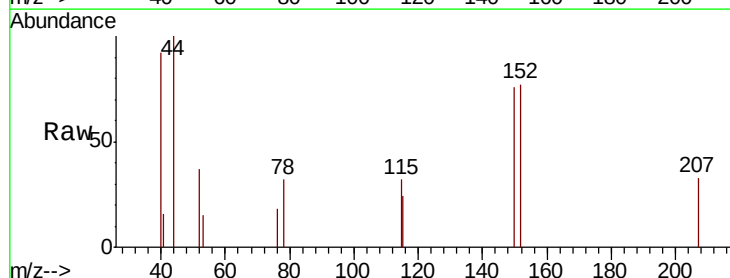
Tgt Ion:152 Resp: 290

Ion Ratio Lower Upper

152 100

115 68.3 30.1 90.3

150 186.9 0.0 345.8

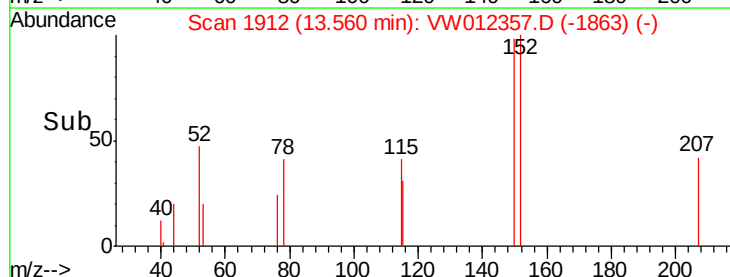
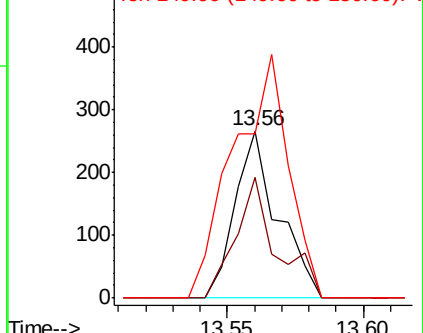


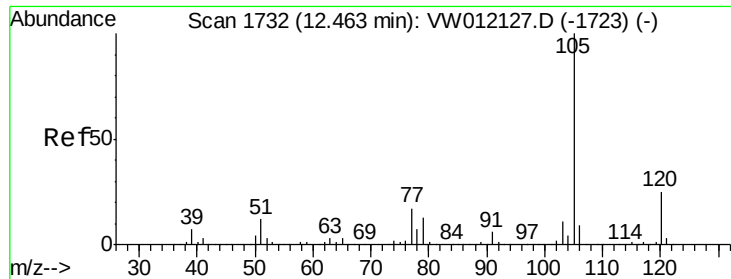
Abundance

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: 1.058 ug/l

RT: 12.21 min Scan# 1691

Delta R.T. -0.25 min

Lab File: VW012357.D

Acq: 30 Aug 2019 18:17

Instrument :

MSVOA_W

ClientSampleId :

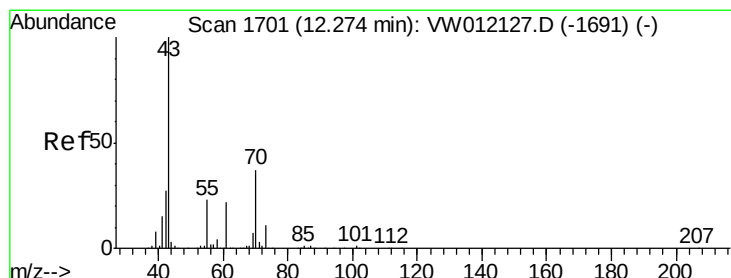
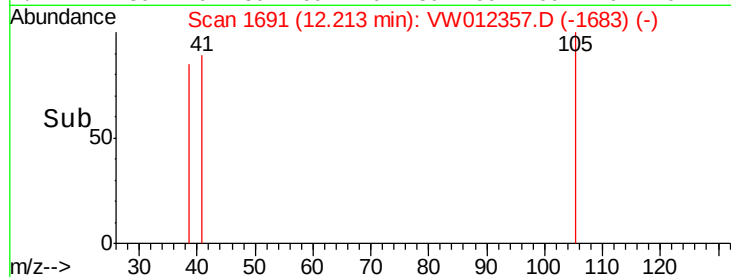
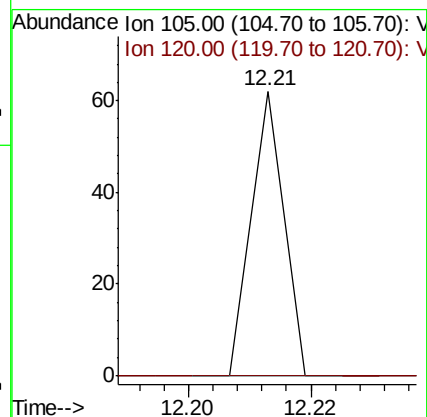
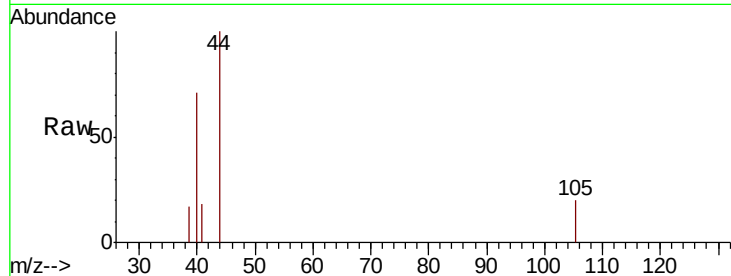
RBR-200052

Tot Ion:105 Resp: 23

Ion Ratio Lower Upper

105 100

120 0.0 12.5 37.5#



#74

N-ethyl acetate

Concen: 3.960 ug/l

RT: 12.10 min Scan# 1673

Delta R.T. -0.17 min

Lab File: VW012357.D

Acq: 30 Aug 2019 18:17

Tgt Ion: 43 Resp: 26

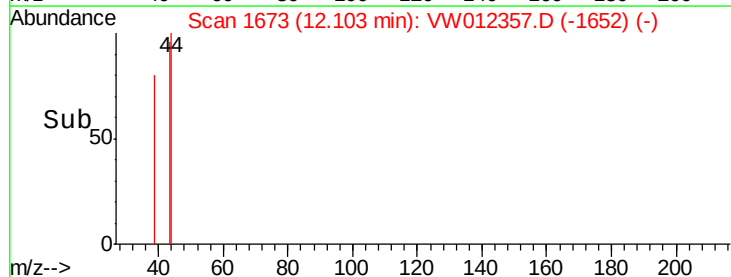
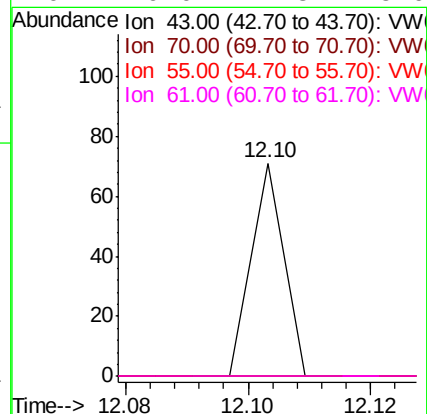
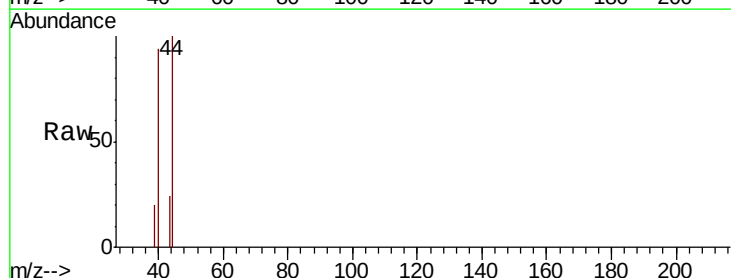
Ion Ratio Lower Upper

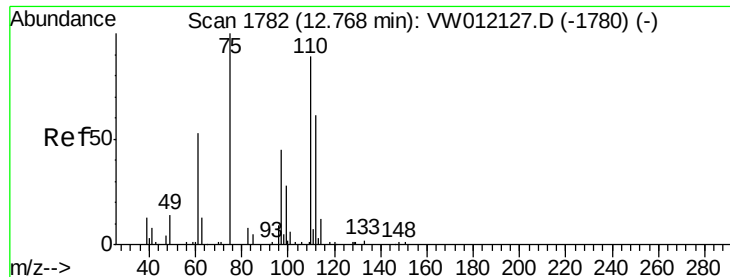
43 100

70 0.0 28.6 43.0#

55 0.0 17.8 26.6#

61 0.0 17.3 25.9#





#76

1,2,3-Trichloropropane

Concen: 117.547 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012357.D

Acq: 30 Aug 2019 18:17

Instrument :

MSVOA_W

ClientSampleId :

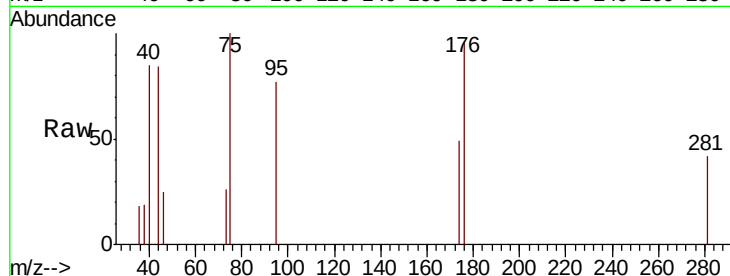
RBR-200052

Tot Ion: 75 Resp: 332

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.62

250

200

150

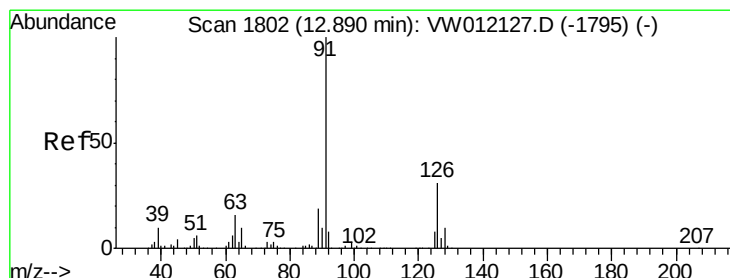
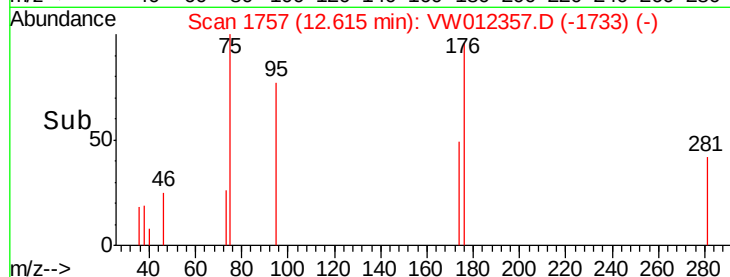
100

50

0

12.60 12.65

Time-->



#79

2-Chlorotoluene

Concen: 1.461 ug/l

RT: 12.88 min Scan# 1801

Delta R.T. -0.01 min

Lab File: VW012357.D

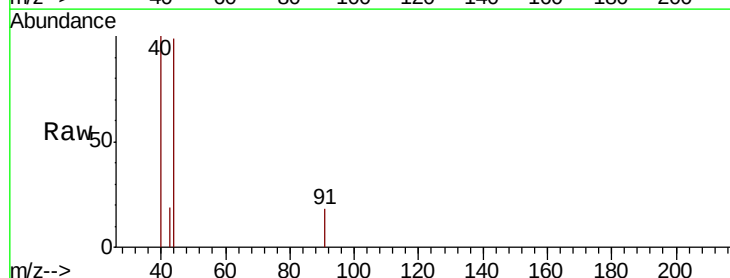
Acq: 30 Aug 2019 18:17

Tgt Ion: 91 Resp: 22

Ion Ratio Lower Upper

91 100

126 0.0 15.7 47.0#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

12.88

60

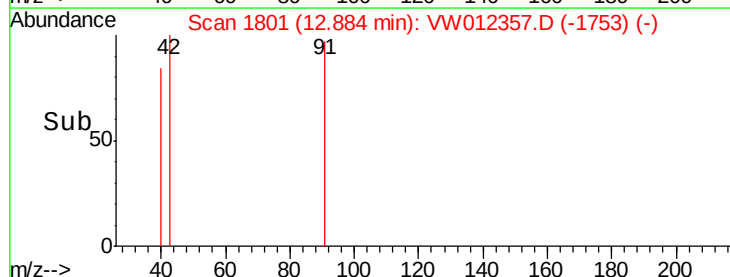
40

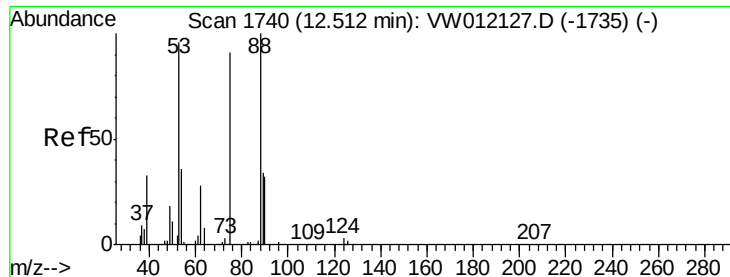
20

0

12.86 12.88 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 257.727 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012357.D

Acq: 30 Aug 2019 18:17

Instrument :

MSVOA_W

ClientSampleId :

RBR-200052

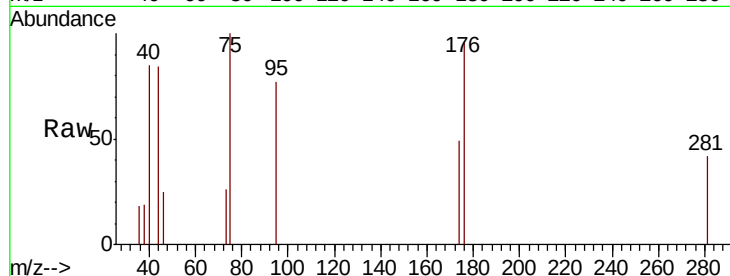
Tot Ion: 75 Resp: 332

Ion Ratio Lower Upper

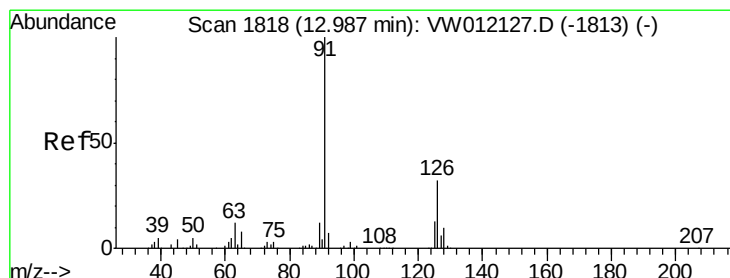
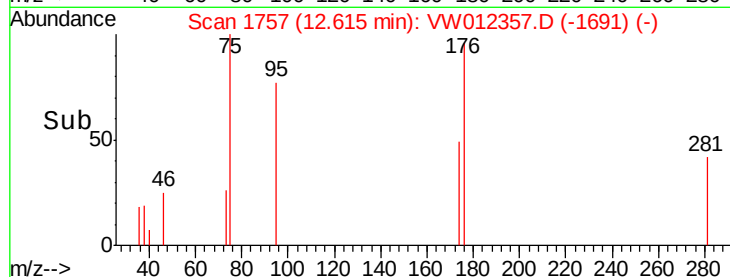
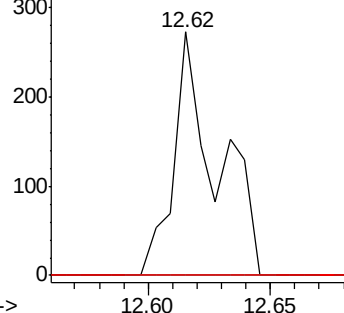
75 100

53 0.0 89.4 134.0#

89 0.0 34.5 51.7#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 53.00 (52.70 to 53.70): VW
Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 1.395 ug/l

RT: 12.88 min Scan# 1801

Delta R.T. -0.10 min

Lab File: VW012357.D

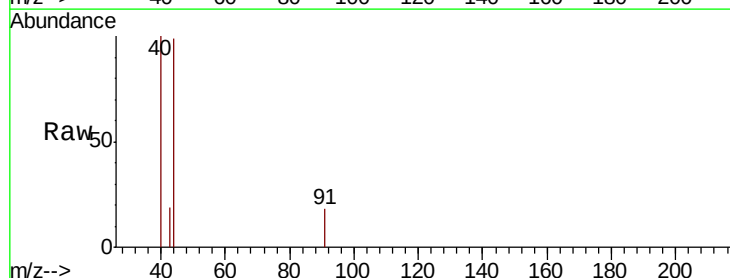
Acq: 30 Aug 2019 18:17

Tgt Ion: 91 Resp: 22

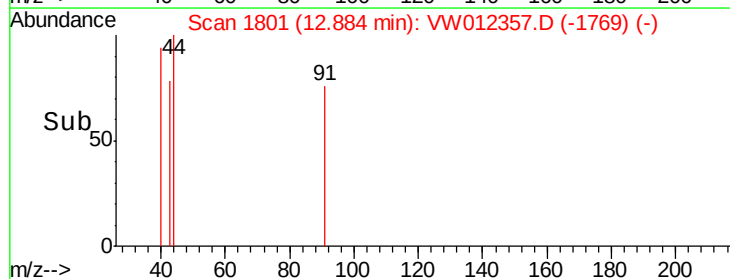
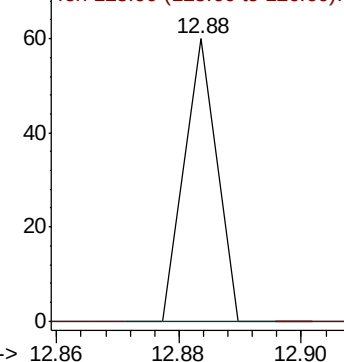
Ion Ratio Lower Upper

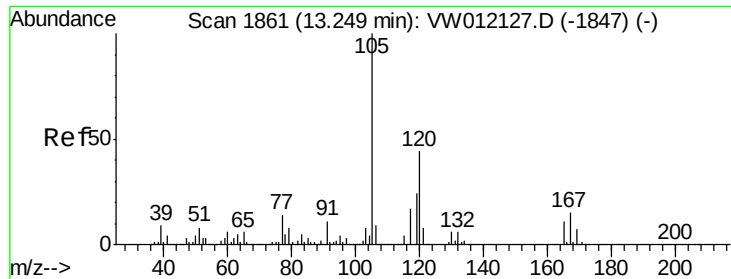
91 100

126 0.0 15.6 46.8#



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V

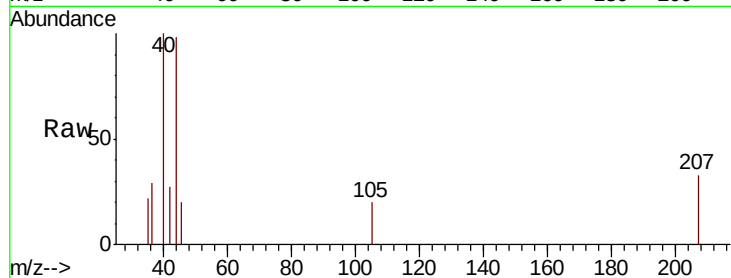




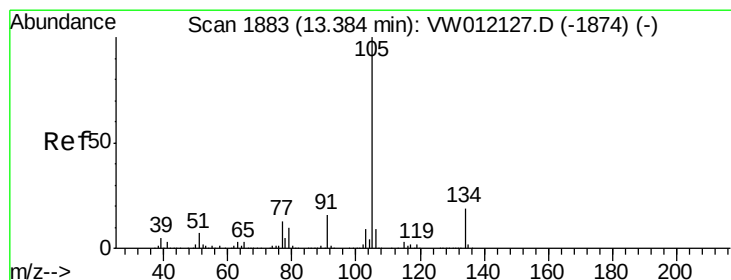
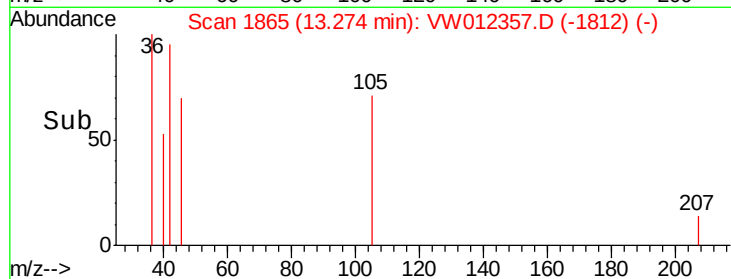
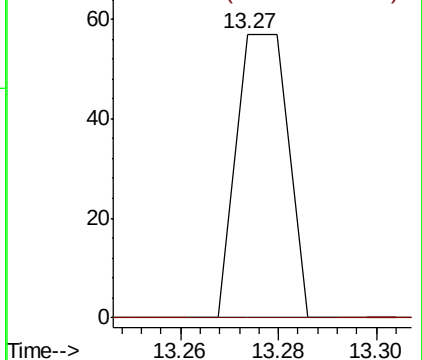
#84
 1,2,4-Trimethylbenzene
 Concen: 2.303 ug/l
 RT: 13.27 min Scan# 1865
 Delta R.T. 0.02 min
 Lab File: VW012357.D
 Acq: 30 Aug 2019 18:17

Instrument :
 MSVOA_W
 ClientSampled :
 RBR-200052

Tot Ion:105 Resp: 42
 Ion Ratio Lower Upper
 105 100
 120 0.0 21.9 65.7#

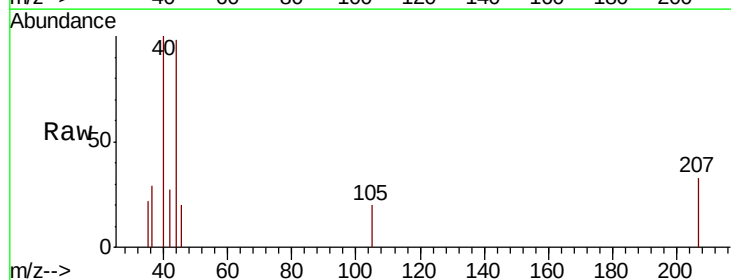


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

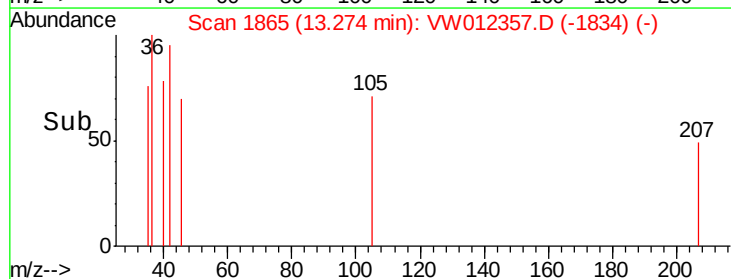
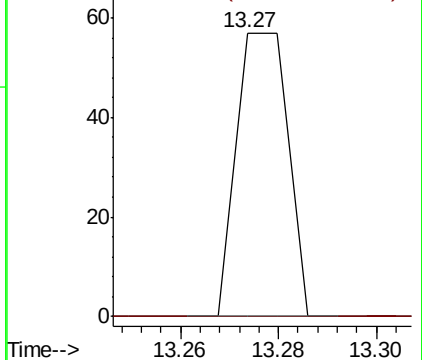


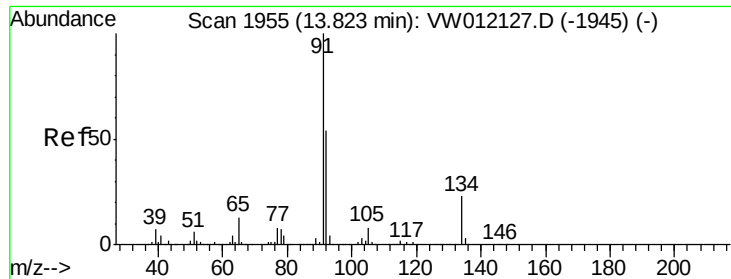
#85
 sec-Butylbenzene
 Concen: 1.906 ug/l
 RT: 13.27 min Scan# 1865
 Delta R.T. -0.11 min
 Lab File: VW012357.D
 Acq: 30 Aug 2019 18:17

Tgt Ion:105 Resp: 42
 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





#89

n-Butylbenzene

Concen: 1.124 ug/l

RT: 13.70 min Scan# 1935

Delta R.T. -0.12 min

Lab File: VW012357.D

Acq: 30 Aug 2019 18:17

Instrument :

MSVOA_W

ClientSampleId :

RBR-200052

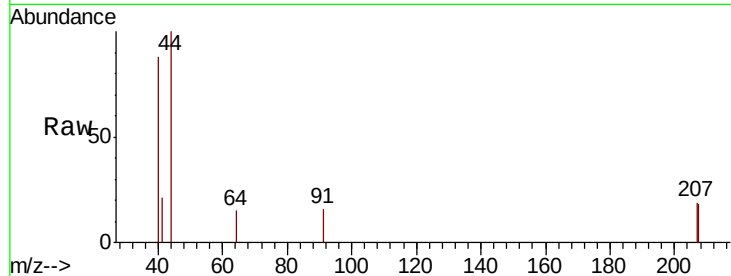
Tot Ion: 91 Resp: 22

Ion Ratio Lower Upper

91 100

92 0.0 27.1 81.2#

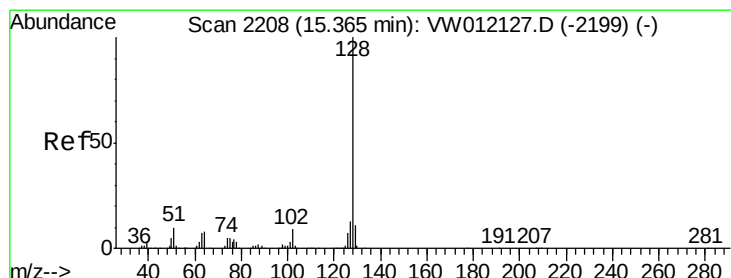
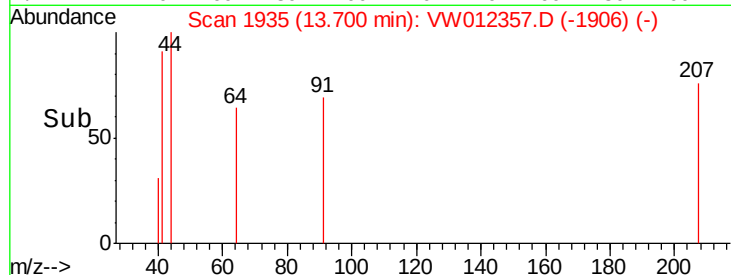
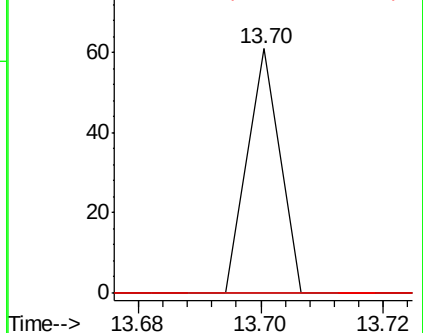
134 0.0 12.2 36.4#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#95

Naphthalene

Concen: 9.332 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW012357.D

Acq: 30 Aug 2019 18:17

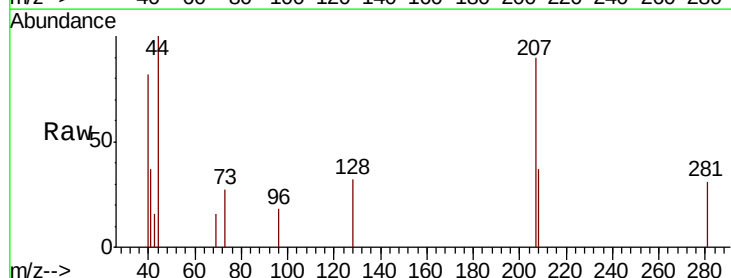
Tgt Ion: 128 Resp: 60

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

