

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
 Data File : VW008778.D
 Acq On : 21 Feb 2019 19:04
 Operator : SY/VA
 Sample : K1546-01
 Misc : 6.60G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200036

Quant Time: Feb 22 01:19:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	371173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	571272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	505740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	239675	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	200961	57.73	ug/l	0.00
Spiked Amount			Recovery	=	115.46%	
35) Dibromofluoromethane	7.88	113	172766	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
50) Toluene-d8	10.32	98	673864	50.89	ug/l	0.00
Spiked Amount			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.62	95	232516	44.85	ug/l	0.00
Spiked Amount			Recovery	=	89.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	281	0.076	ug/l #	42
3) Chloromethane	2.22	50	69	0.015	ug/l #	1
4) Vinyl Chloride	2.33	62	164	0.034	ug/l #	42
5) Bromomethane	2.76	94	741	0.208	ug/l	92
6) Chloroethane	2.91	64	119	0.035	ug/l	89
7) Trichlorofluoromethane	3.26	101	169	0.028	ug/l #	16
8) Diethyl Ether	3.68	74	640	0.334	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	4.02	101	20	0.005	ug/l #	16
10) Methyl Iodide	4.27	142	822	0.179	ug/l #	72
12) 1,1-Dichloroethene	4.04	96	18	0.006	ug/l #	1
14) Allyl chloride	4.69	41	221	0.039	ug/l #	63
15) Acrylonitrile	5.38	53	281	0.341	ug/l #	66
16) Acetone	4.13	43	30452	37.738	ug/l	100
17) Carbon Disulfide	4.35	76	64	0.006	ug/l #	73
19) Methyl tert-butyl Ether	5.43	73	111	0.013	ug/l #	38
21) trans-1,2-Dichloroethene	5.43	96	158	0.042	ug/l #	7
22) Diisopropyl ether	6.32	45	75	0.007	ug/l #	45
23) Vinyl Acetate	6.26	43	186	0.027	ug/l #	73
24) 1,1-Dichloroethane	6.21	63	31	0.005	ug/l #	82
25) 2-Butanone	7.17	43	560	0.496	ug/l #	65
26) 2,2-Dichloropropane	7.15	77	399	0.068	ug/l #	54
27) cis-1,2-Dichloroethene	7.16	96	123	0.031	ug/l #	3
28) Bromochloromethane	7.52	49	113	0.042	ug/l #	13
29) Tetrahydrofuran	7.51	42	405	0.563	ug/l #	66
30) Chloroform	7.60	83	62	0.009	ug/l	86
32) 1,1,1-Trichloroethane	7.81	97	65	0.011	ug/l #	24
37) Ethyl Acetate	7.23	43	264	0.102	ug/l #	79
39) Methylcyclohexane	9.34	83	556	0.080	ug/l #	87
40) Benzene	8.32	78	4701	0.310	ug/l #	86
41) Methacrylonitrile	7.47	41	199	0.131	ug/l #	67
42) 1,2-Dichloroethane	8.40	62	476	0.099	ug/l #	75
43) Isopropyl Acetate	8.43	43	77	0.015	ug/l #	52
44) Trichloroethene	9.10	130	19	0.004	ug/l	3
45) 1,2-Dichloropropane	9.37	63	132	0.035	ug/l #	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

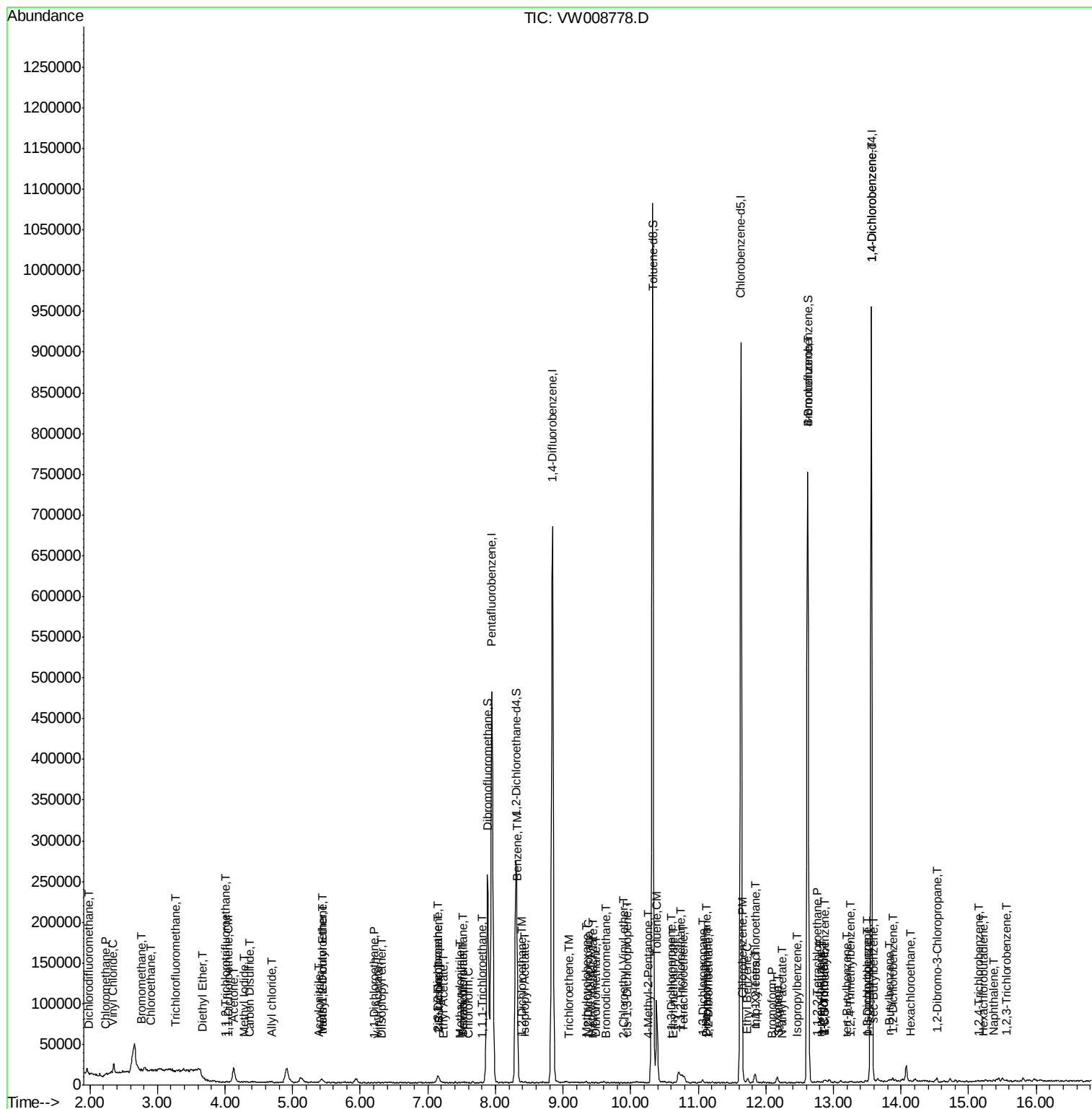
46) Dibromomethane	9.48	93	19	0.009	ug/l #	1
47) Bromodichloromethane	9.63	83	76	0.015	ug/l #	24
48) Methyl methacrylate	9.45	41	341	0.138	ug/l #	42
51) 4-Methyl-2-Pentanone	10.25	43	125	0.048	ug/l #	38
52) Toluene	10.39	92	41233	4.001	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	61	0.012	ug/l #	1
54) cis-1,3-Dichloropropene	9.95	75	86	0.015	ug/l #	60
55) 1,1,2-Trichloroethane	10.75	97	348	0.123	ug/l #	16
56) Ethyl methacrylate	10.63	69	58	0.016	ug/l #	21
57) 1,3-Dichloropropane	11.06	76	23	0.005	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.88	63	21	0.011	ug/l #	45
59) 2-Hexanone	11.12	43	181	0.097	ug/l	70
60) Dibromochloromethane	11.12	129	60	0.017	ug/l #	10
61) 1,2-Dibromoethane	11.15	107	50	0.018	ug/l #	2
64) Tetrachloroethene	10.79	164	65	0.018	ug/l #	1
65) Chlorobenzene	11.66	112	162	0.015	ug/l #	62
66) 1,1,1,2-Tetrachloroethane	11.84	131	49	0.014	ug/l #	66
67) Ethyl Benzene	11.73	91	2874	0.151	ug/l	99
68) m/p-Xylenes	11.84	106	2313	0.305	ug/l	86
69) o-Xylene	12.17	106	1665	0.234	ug/l	90
70) Styrene	12.19	104	401	0.035	ug/l #	43
71) Bromoform	12.10	173	22	0.011	ug/l #	29
73) Isopropylbenzene	12.46	105	470	0.029	ug/l	91
74) N-amyl acetate	12.24	43	319	0.077	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.75	83	23	0.009	ug/l #	25
77) Bromobenzene	12.62	156	114	0.029	ug/l #	1
78) n-propylbenzene	12.81	91	1246	0.062	ug/l	82
79) 2-Chlorotoluene	12.85	91	131	0.011	ug/l	77
80) 1,3,5-Trimethylbenzene	12.87	105	2134	0.149	ug/l	70
82) 4-Chlorotoluene	12.85	91	131	0.011	ug/l	76
83) tert-Butylbenzene	13.20	119	114	0.009	ug/l #	80
84) 1,2,4-Trimethylbenzene	13.25	105	1150	0.078	ug/l	98
85) sec-Butylbenzene	13.60	105	590	0.033	ug/l	80
86) p-Isopropyltoluene	13.49	119	392	0.024	ug/l #	76
87) 1,3-Dichlorobenzene	13.49	146	255	0.032	ug/l #	35
88) 1,4-Dichlorobenzene	13.56	146	461	0.058	ug/l #	1
89) n-Butylbenzene	13.83	91	268	0.018	ug/l #	76
90) Hexachloroethane	14.15	117	26	0.010	ug/l #	9
91) 1,2-Dichlorobenzene	13.88	146	141	0.020	ug/l #	20
92) 1,2-Dibromo-3-Chloropropan	14.53	75	76	0.156	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.15	180	378	0.073	ug/l #	81
94) Hexachlorobutadiene	15.22	225	49	0.016	ug/l #	1
95) Naphthalene	15.37	128	2048	0.233	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.57	180	146	0.033	ug/l	73

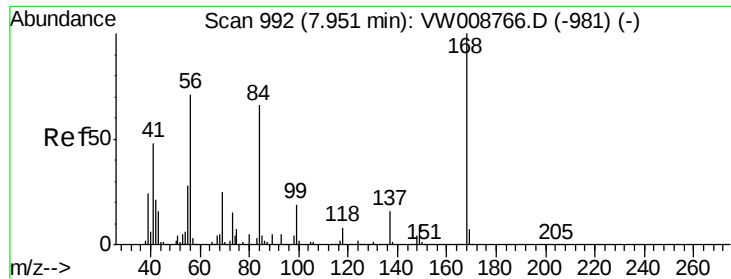
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampleId :

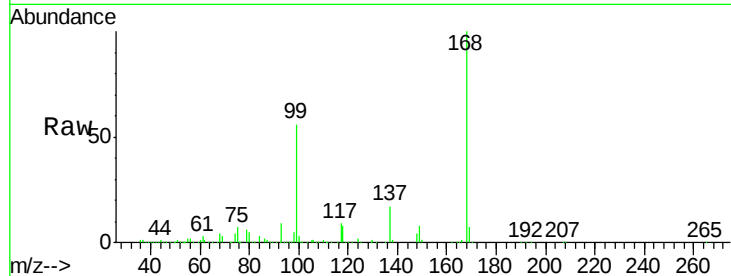
RBR-200036

Tot Ion:168 Resp: 371173

Ion Ratio Lower Upper

168 100

99 56.1 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

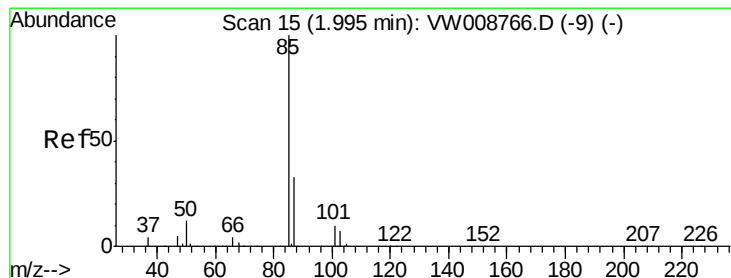
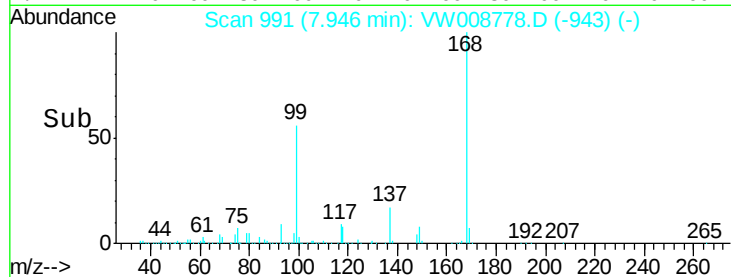
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.076 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW008778.D

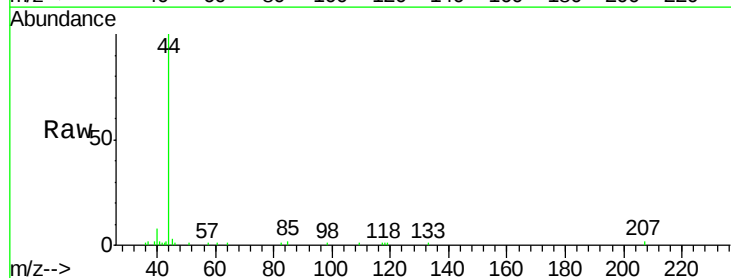
Acq: 21 Feb 2019 19:04

Tgt Ion: 85 Resp: 281

Ion Ratio Lower Upper

85 100

87 0.0 16.4 49.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

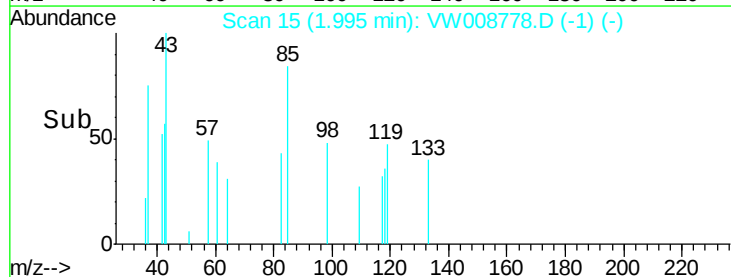
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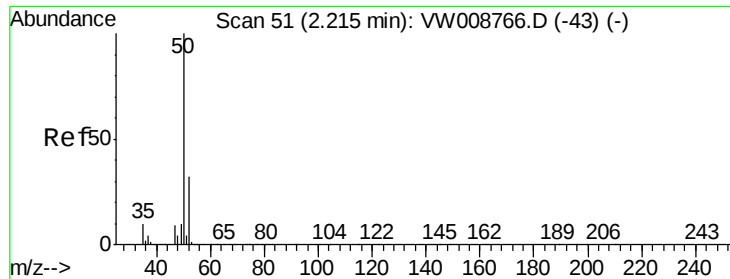
100

50

0

Time-->





#3

Chloromethane

Concen: 0.015 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampled :

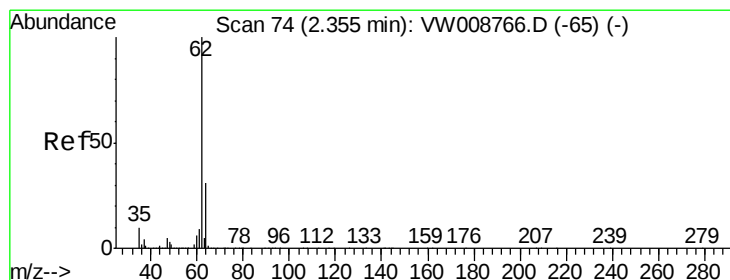
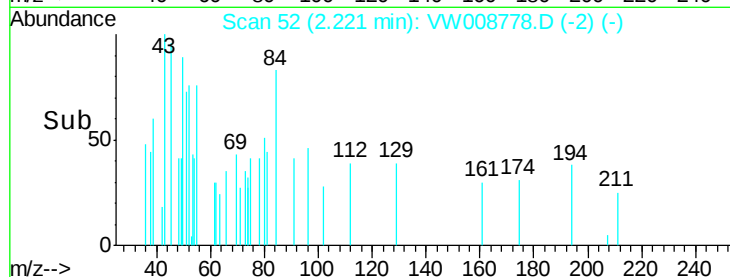
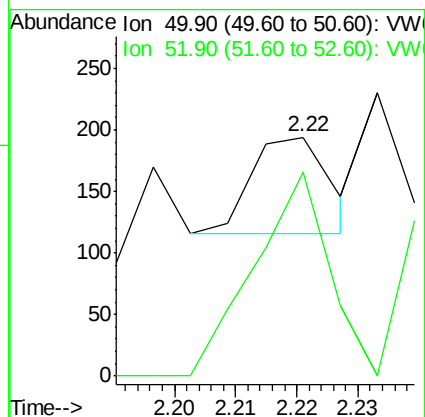
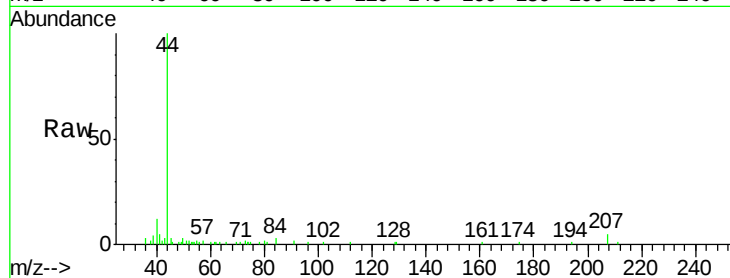
RBR-200036

Tot Ion: 50 Resp: 69

Ion Ratio Lower Upper

50 100

52 212.8 25.9 38.9#



#4

Vinyl Chloride

Concen: 0.034 ug/l

RT: 2.33 min Scan# 70

Delta R.T. -0.02 min

Lab File: VW008778.D

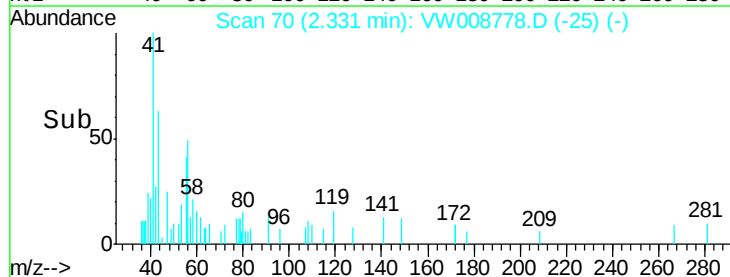
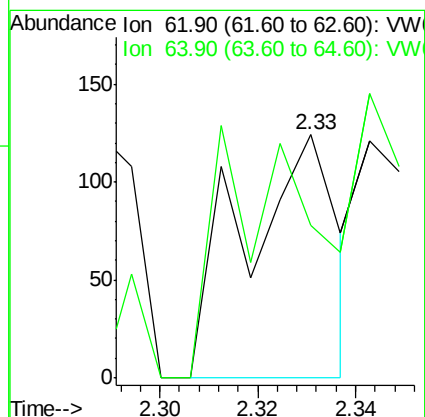
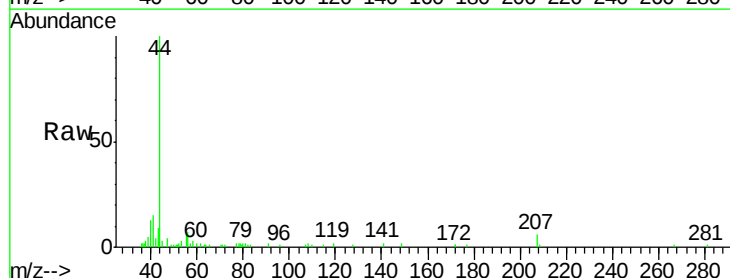
Acq: 21 Feb 2019 19:04

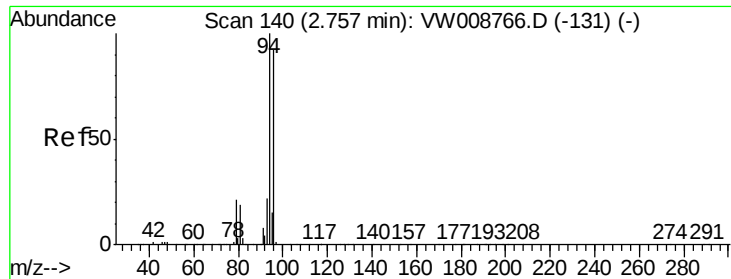
Tgt Ion: 62 Resp: 164

Ion Ratio Lower Upper

62 100

64 62.9 24.9 37.3#





#5

Bromomethane

Concen: 0.208 ug/l

RT: 2.76 min Scan# 140

Delta R.T. 0.00 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampleId :

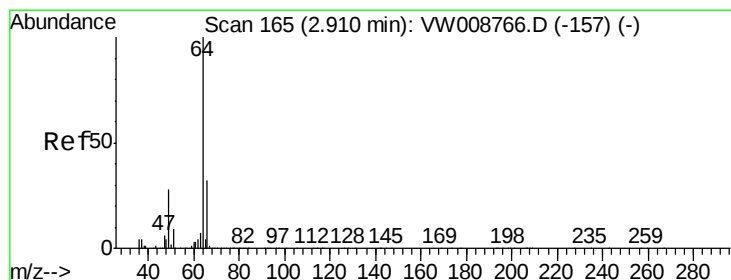
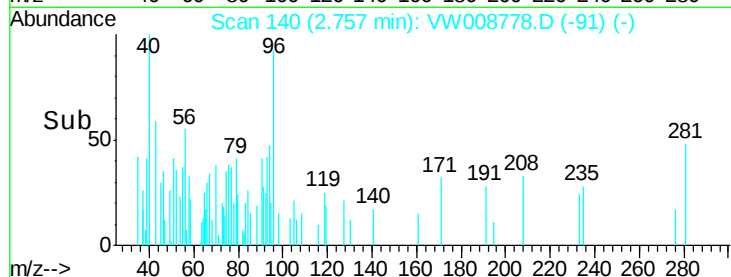
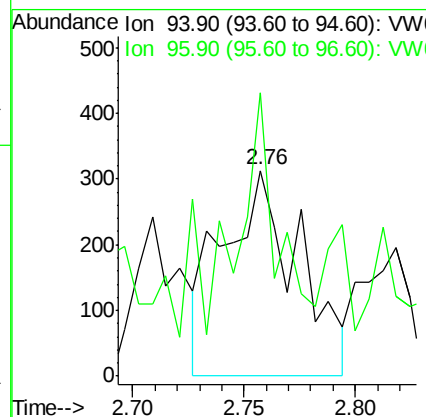
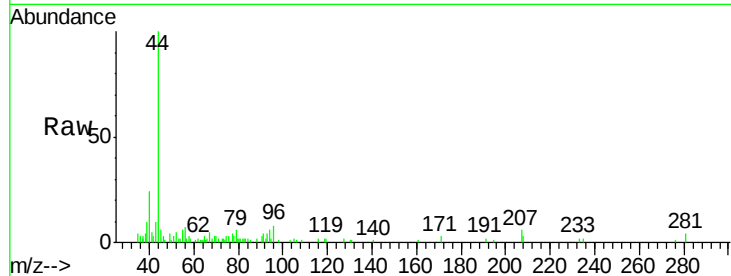
RBR-200036

Tot Ion: 94 Resp: 741

Ion Ratio Lower Upper

94 100

96 84.1 73.4 110.2



#6

Chloroethane

Concen: 0.035 ug/l

RT: 2.91 min Scan# 165

Delta R.T. 0.00 min

Lab File: VW008778.D

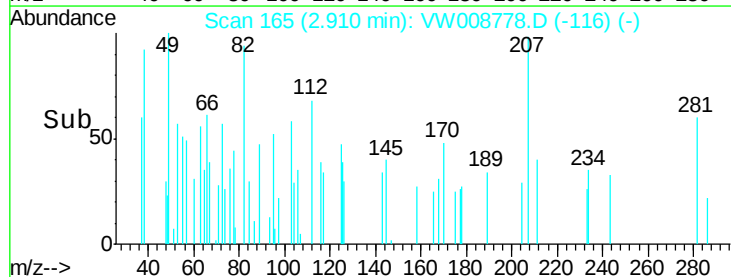
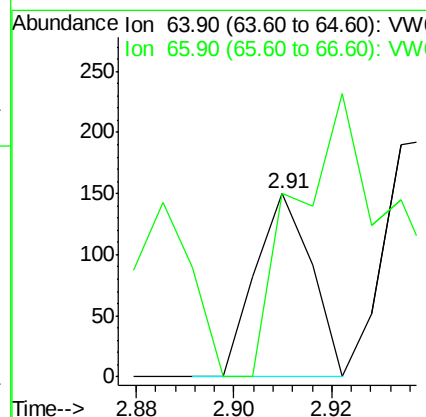
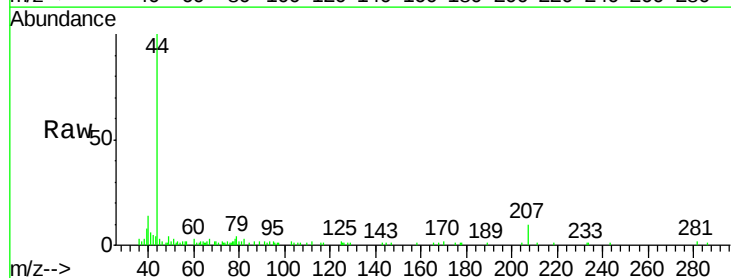
Acq: 21 Feb 2019 19:04

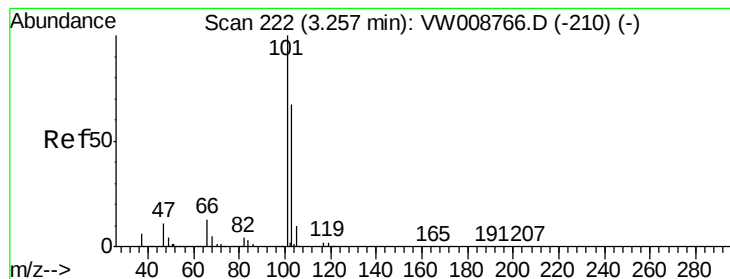
Tgt Ion: 64 Resp: 119

Ion Ratio Lower Upper

64 100

66 25.8 25.5 38.3



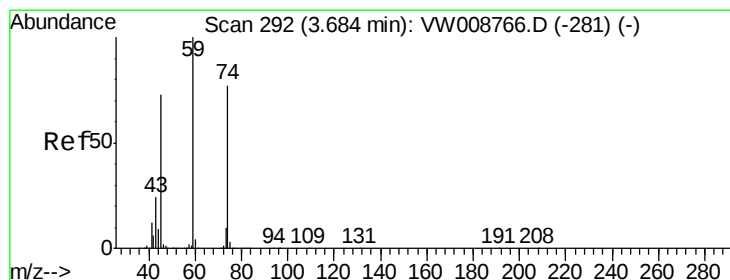
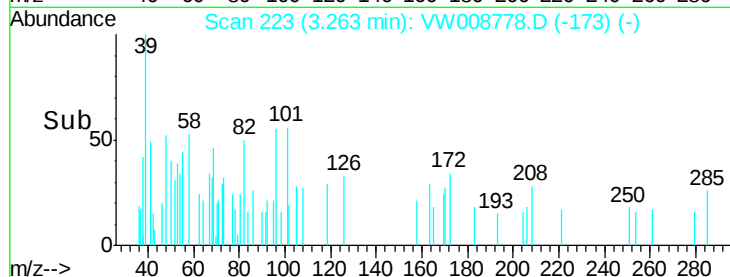
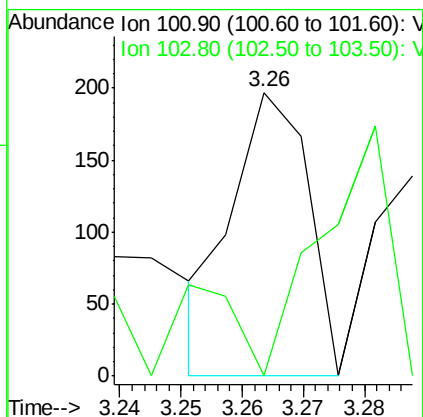
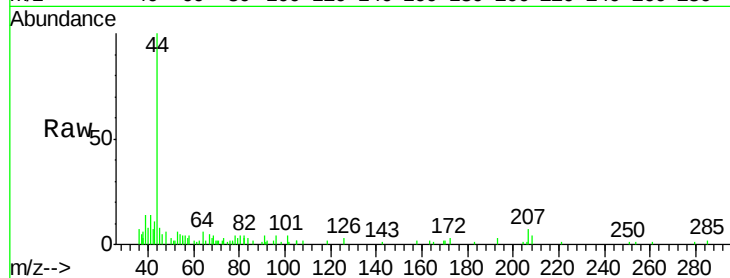


#7

Trichlorofluoromethane
Concen: 0.028 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.01 min
Lab File: VW008778.D
Acq: 21 Feb 2019 19:04

Instrument :
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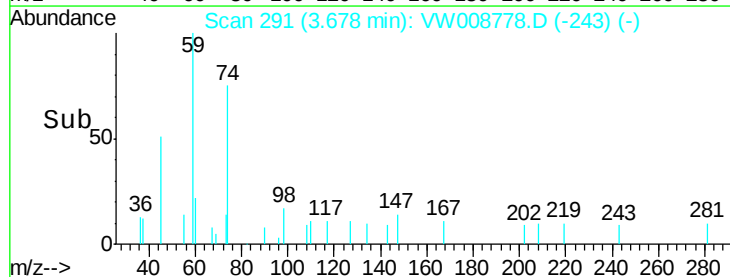
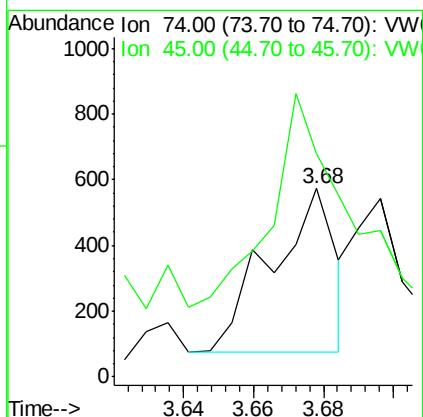
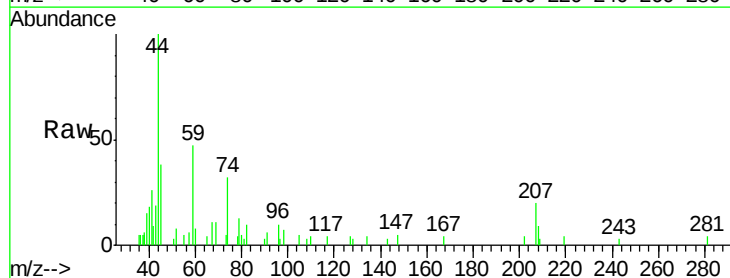
Tot Ion:101 Resp: 169
Ion Ratio Lower Upper
101 100
103 0.0 53.9 80.9#

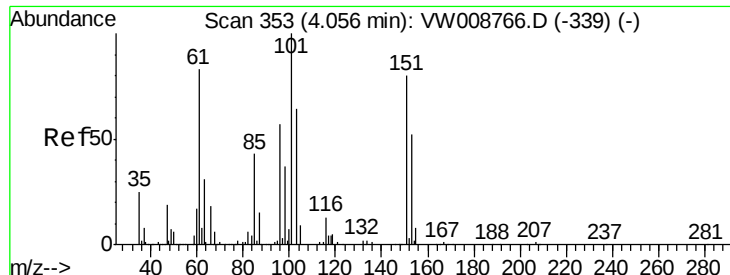


#8

Diethyl Ether
Concen: 0.334 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW008778.D
Acq: 21 Feb 2019 19:04

Tgt Ion: 74 Resp: 640
Ion Ratio Lower Upper
74 100
45 325.3 50.2 150.6#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.005 ug/l

RT: 4.02 min Scan# 347

Delta R.T. -0.04 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampleId :

RBR-200036

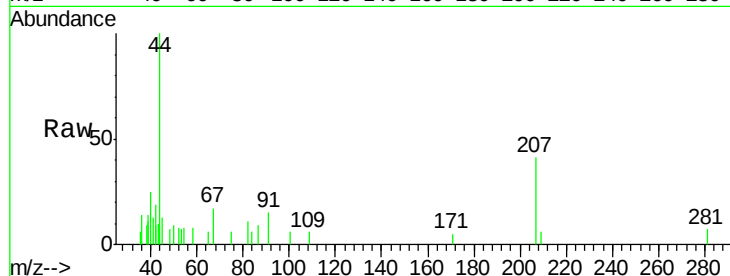
Tot Ion:101 Resp: 20

Ion Ratio Lower Upper

101 100

85 0.0 36.0 54.0#

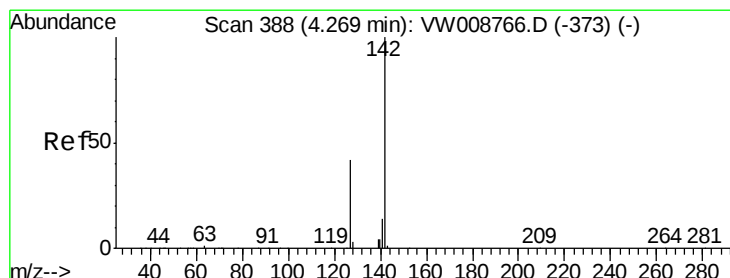
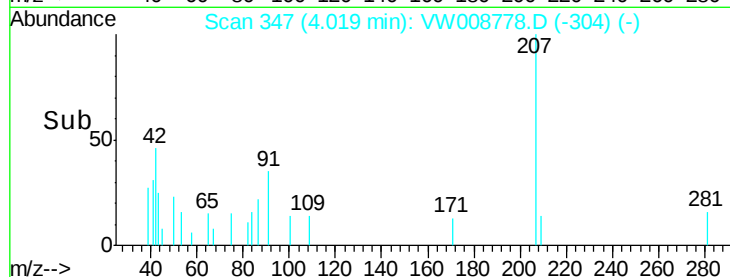
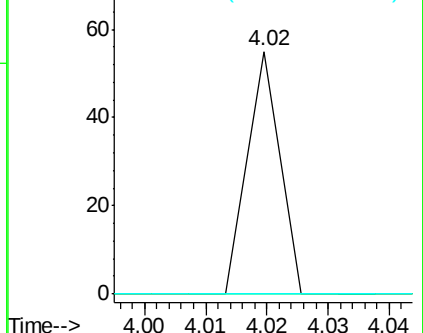
151 0.0 65.5 98.3#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.179 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

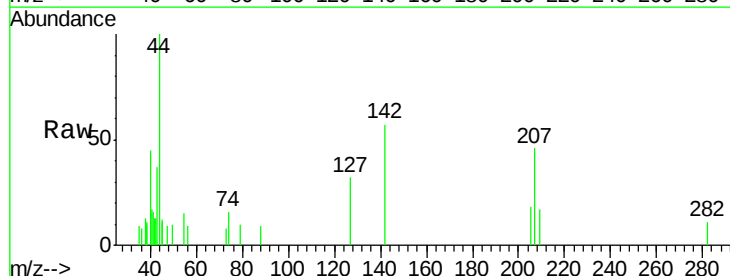
Tgt Ion:142 Resp: 822

Ion Ratio Lower Upper

142 100

127 26.2 35.3 52.9#

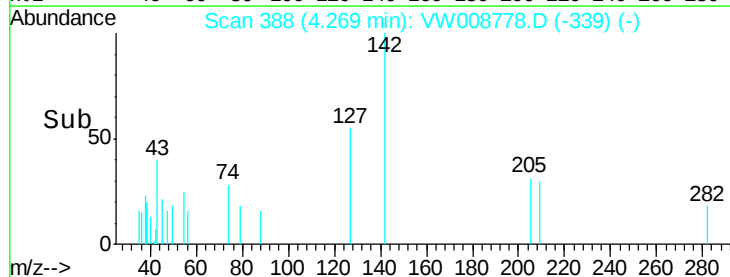
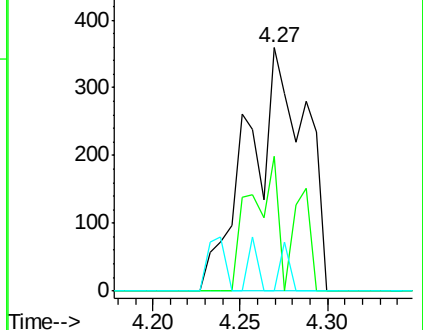
141 3.2 11.7 17.5#

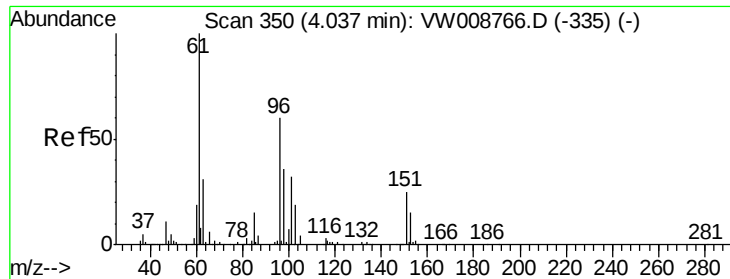


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#12

1,1-Dichloroethene

Concen: 0.006 ug/l

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampleId :

RBR-200036

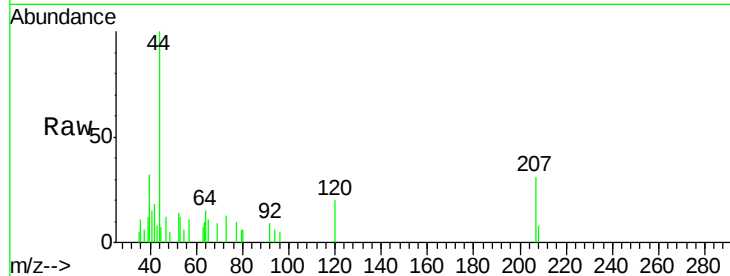
Tot Ion: 96 Resp: 18

Ion Ratio Lower Upper

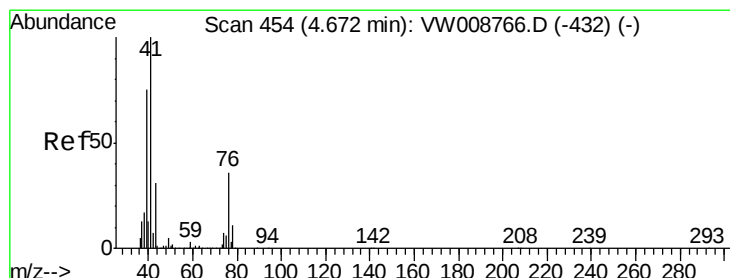
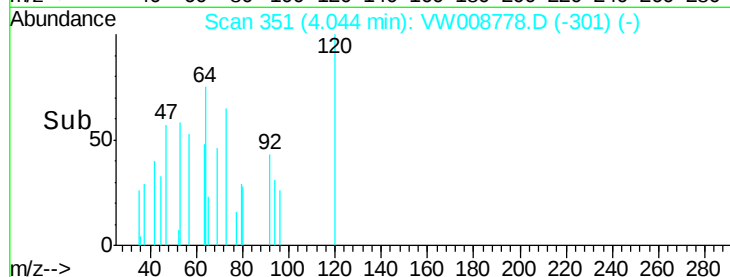
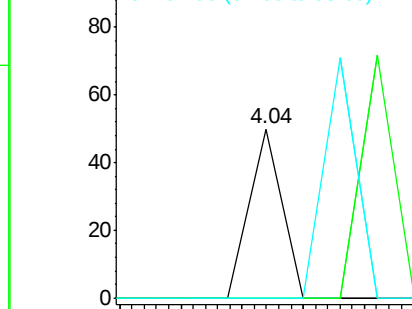
96 100

61 0.0 132.5 198.7#

98 0.0 48.2 72.4#



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



#14

Allyl chloride

Concen: 0.039 ug/l

RT: 4.69 min Scan# 457

Delta R.T. 0.02 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

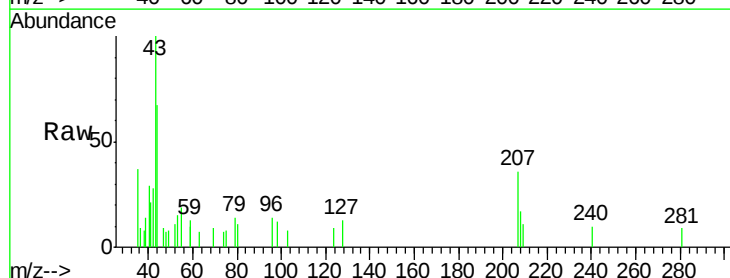
Tgt Ion: 41 Resp: 221

Ion Ratio Lower Upper

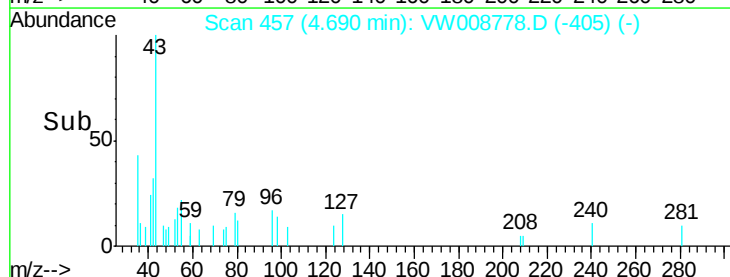
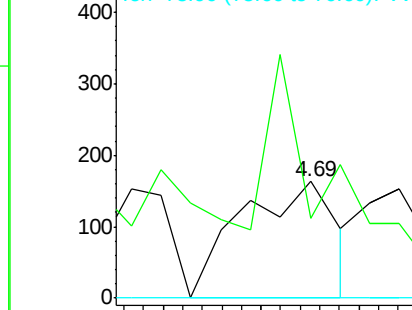
41 100

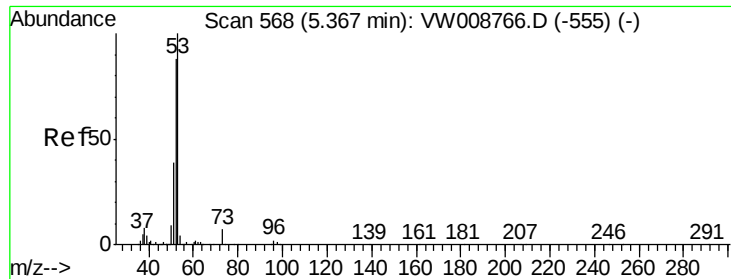
39 97.3 60.6 91.0#

76 0.0 28.6 42.8#



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 0.341 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampled :

RBR-200036

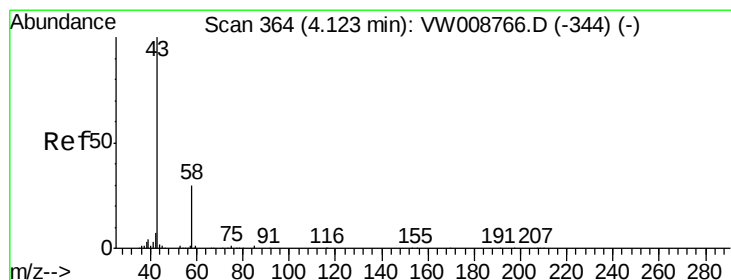
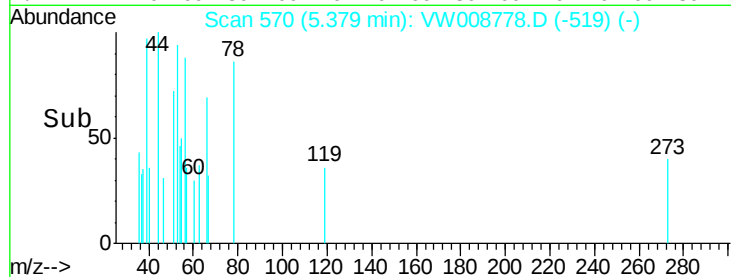
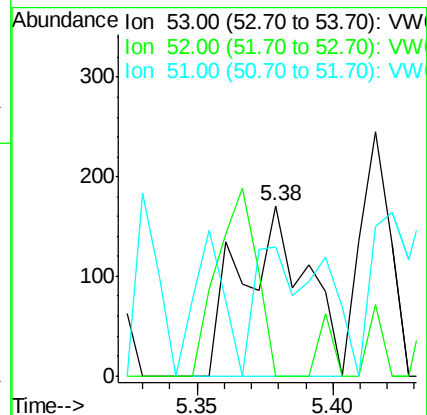
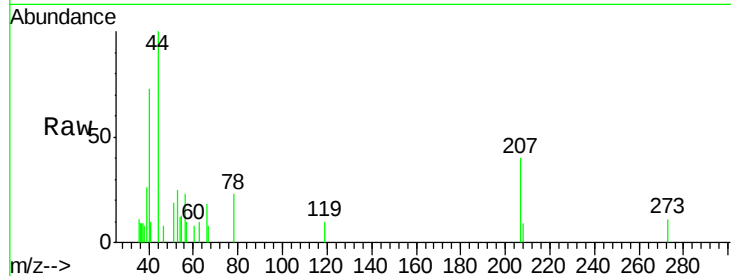
Tot Ion: 53 Resp: 281

Ion Ratio Lower Upper

53 100

52 68.0 67.2 100.8

51 80.8 31.1 46.7#



#16

Acetone

Concen: 37.738 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008778.D

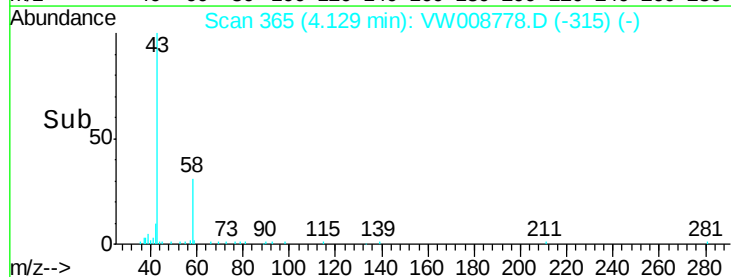
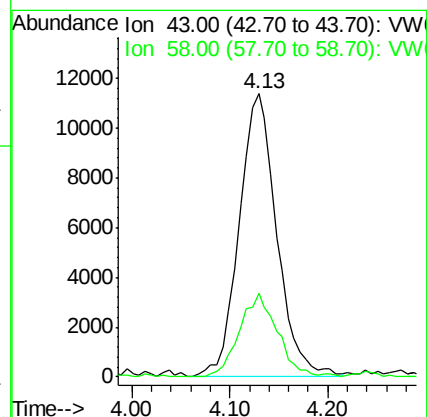
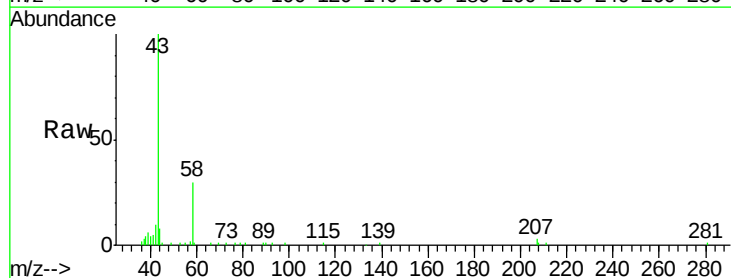
Acq: 21 Feb 2019 19:04

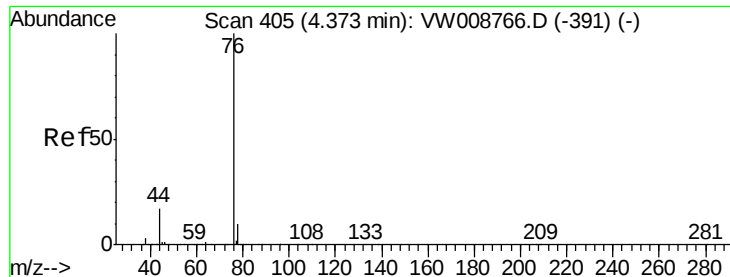
Tgt Ion: 43 Resp: 30452

Ion Ratio Lower Upper

43 100

58 29.7 23.8 35.6





#17

Carbon Disulfide

Concen: 0.006 ug/l

RT: 4.35 min Scan# 402

Delta R.T. -0.02 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampleId :

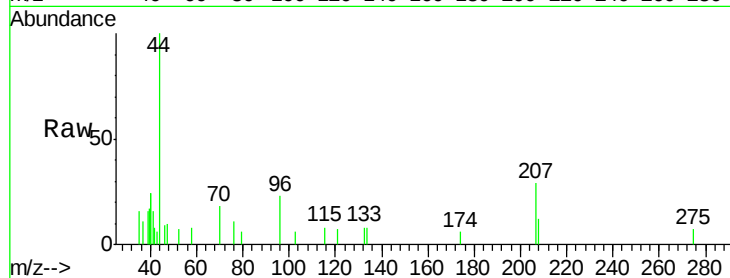
RBR-200036

Tot Ion: 76 Resp: 64

Ion Ratio Lower Upper

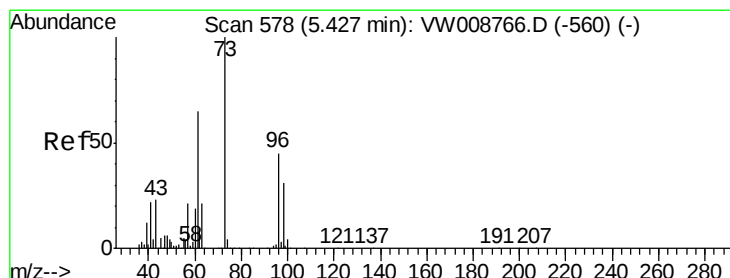
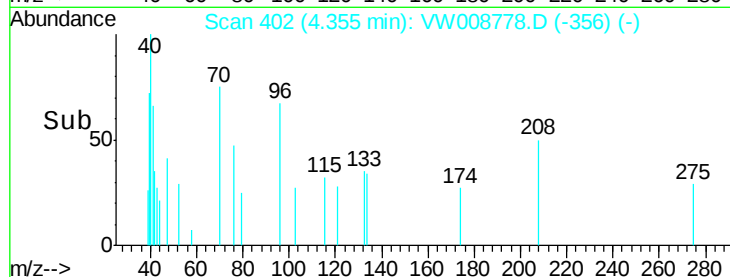
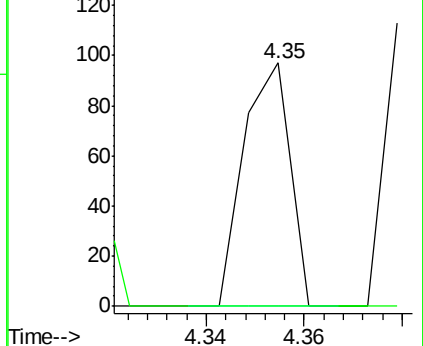
76 100

78 0.0 7.8 11.8#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#19

Methyl tert-butyl Ether

Concen: 0.013 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW008778.D

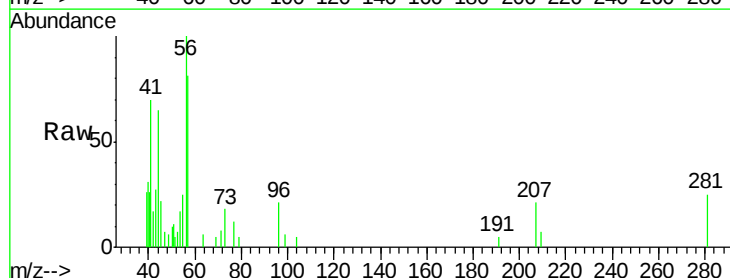
Acq: 21 Feb 2019 19:04

Tgt Ion: 73 Resp: 111

Ion Ratio Lower Upper

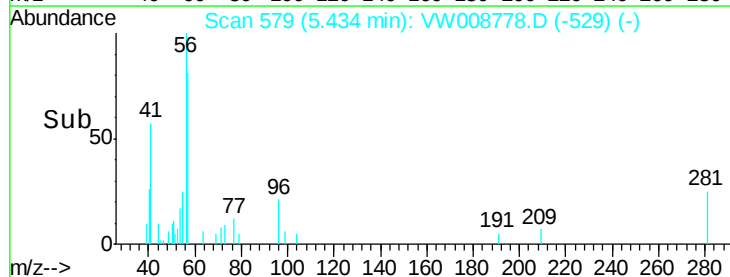
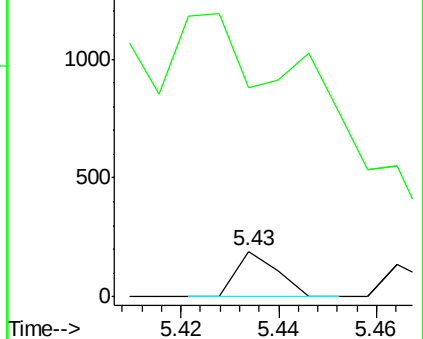
73 100

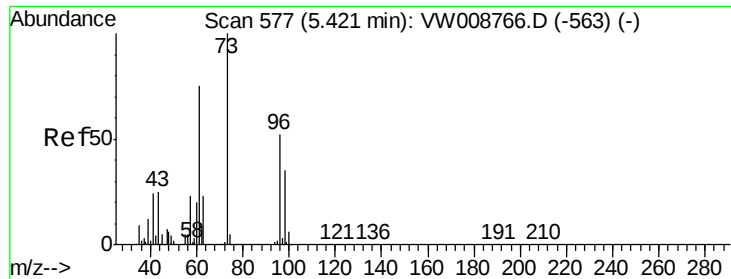
57 50.0 16.8 25.2#



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW





#21

trans-1,2-Dichloroethene

Concen: 0.042 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampled :

RBR-200036

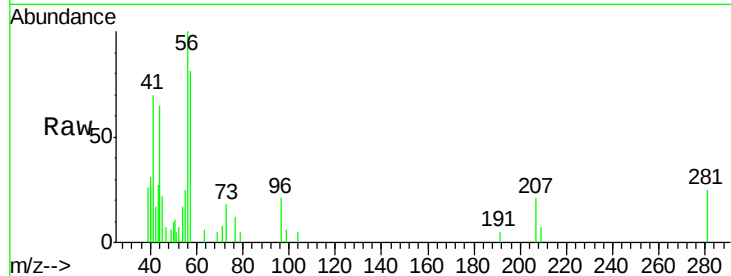
Tot Ion: 96 Resp: 158

Ion Ratio Lower Upper

96 100

61 0.0 114.6 171.8#

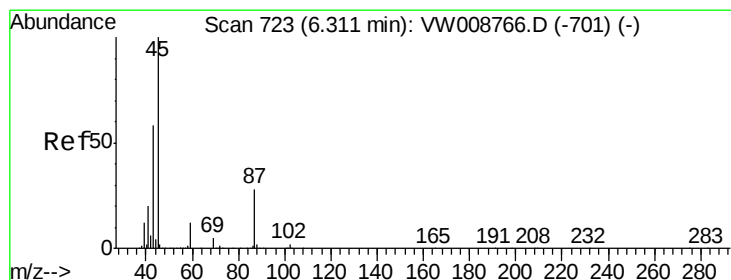
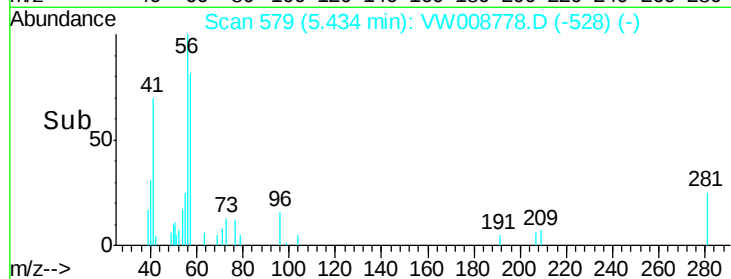
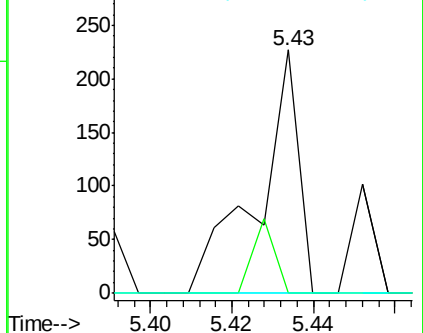
98 30.8 54.0 81.0#



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



#22

Diisopropyl ether

Concen: 0.007 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.01 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Tgt Ion: 45 Resp: 75

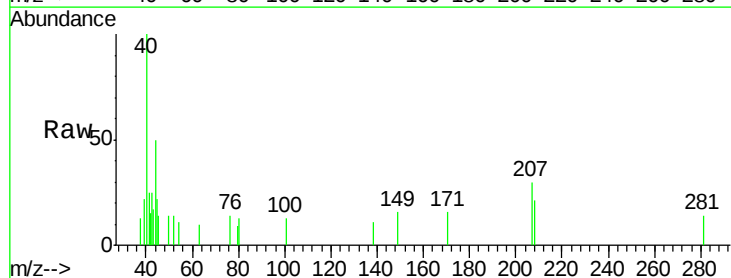
Ion Ratio Lower Upper

45 100

43 12.7 46.1 69.1#

87 0.0 22.2 33.4#

59 0.0 10.0 15.0#

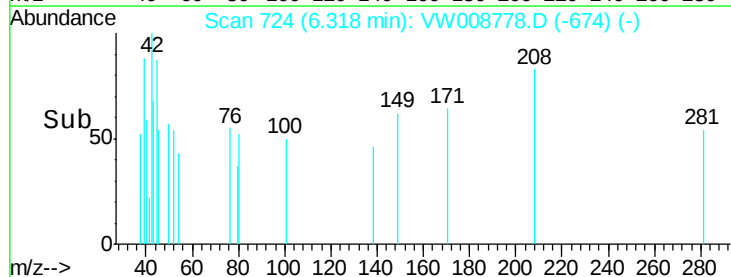
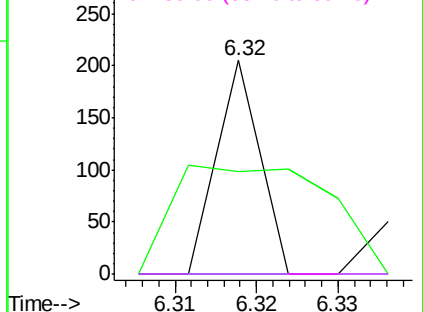


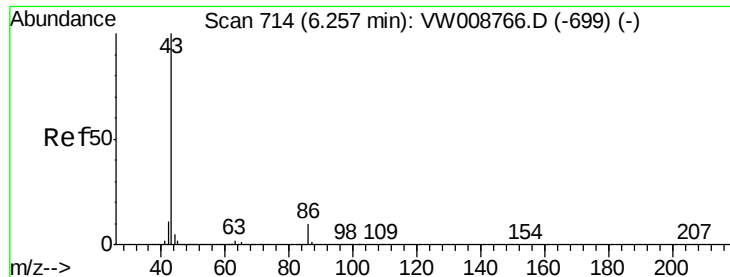
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 0.027 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampled :

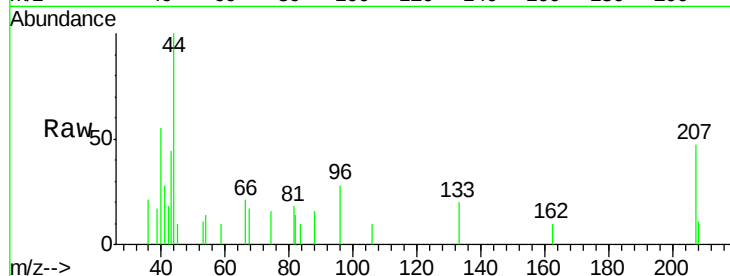
RBR-200036

Tot Ion: 43 Resp: 186

Ion Ratio Lower Upper

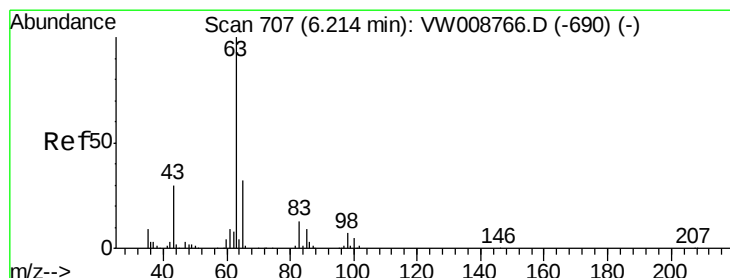
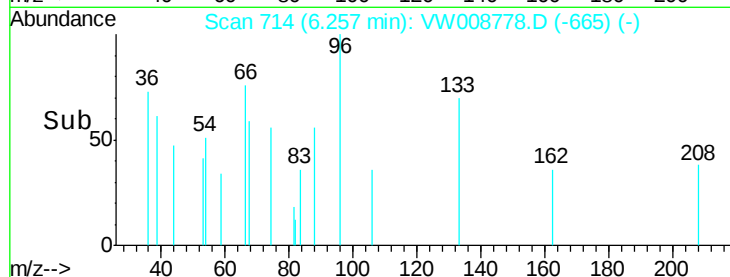
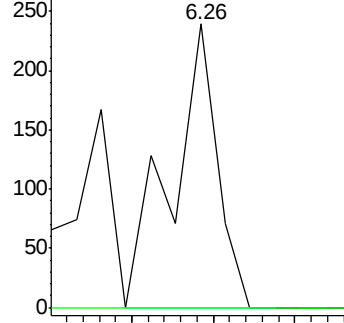
43 100

86 0.0 8.1 12.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 0.005 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

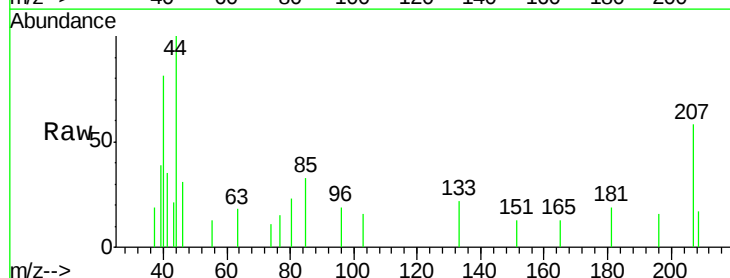
Tgt Ion: 63 Resp: 31

Ion Ratio Lower Upper

63 100

98 0.0 3.5 10.6#

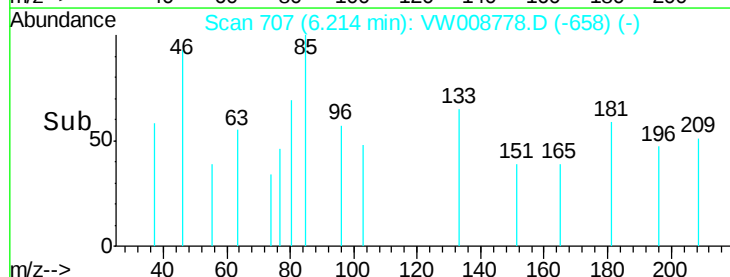
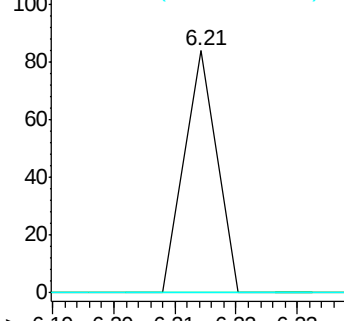
100 0.0 2.4 7.2#

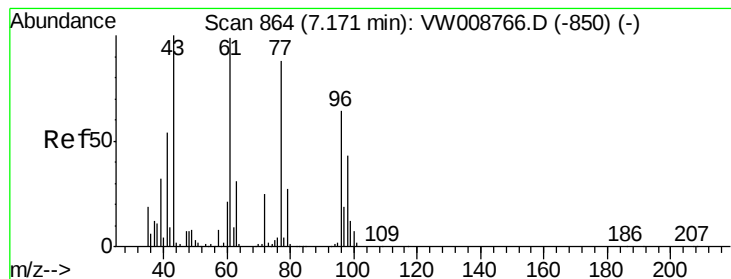


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 0.496 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampled :

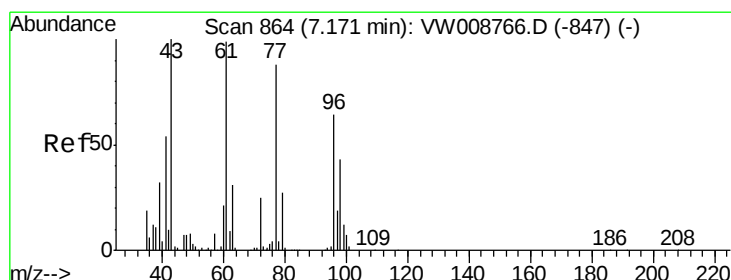
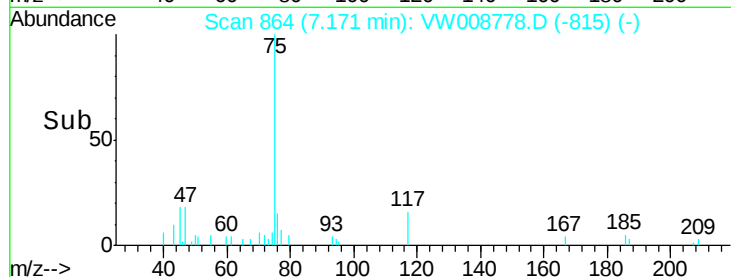
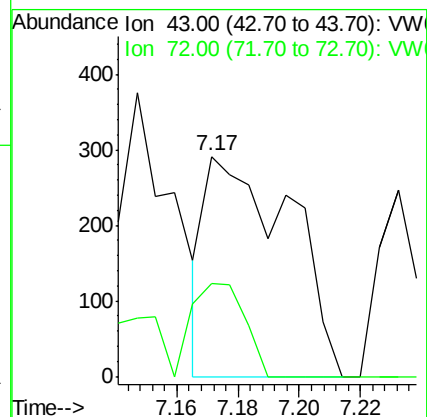
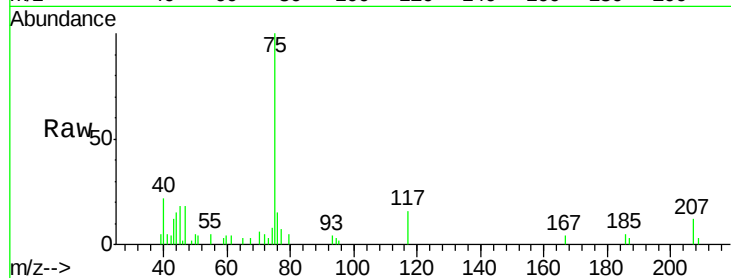
RBR-200036

Tot Ion: 43 Resp: 560

Ion Ratio Lower Upper

43 100

72 42.3 19.7 29.5#



#26

2,2-Dichloropropane

Concen: 0.068 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW008778.D

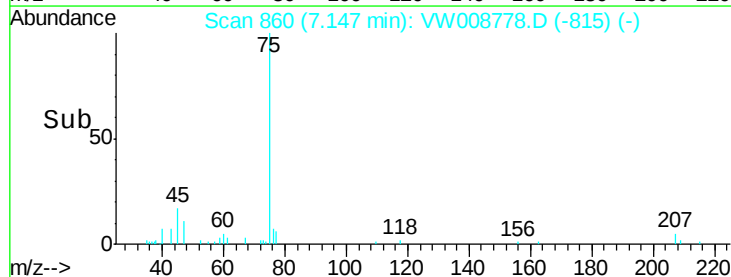
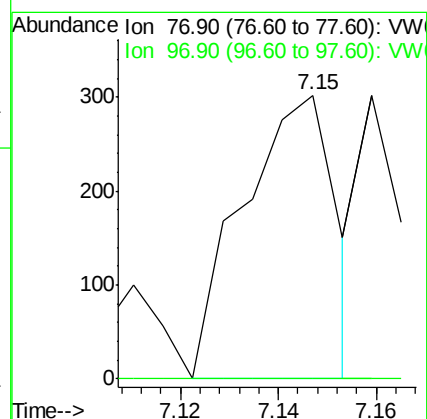
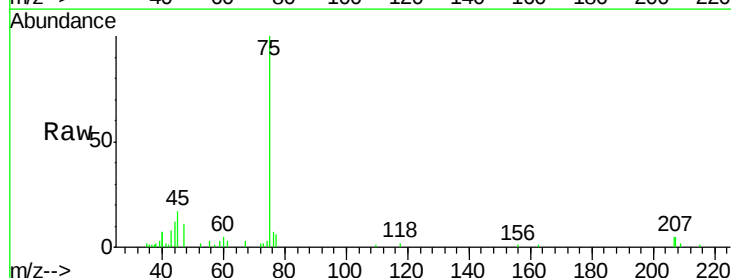
Acq: 21 Feb 2019 19:04

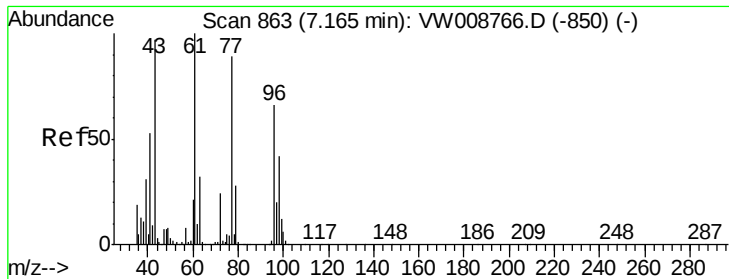
Tgt Ion: 77 Resp: 399

Ion Ratio Lower Upper

77 100

97 0.0 11.0 33.0#





#27

cis-1,2-Dichloroethene

Concen: 0.031 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampled :

RBR-200036

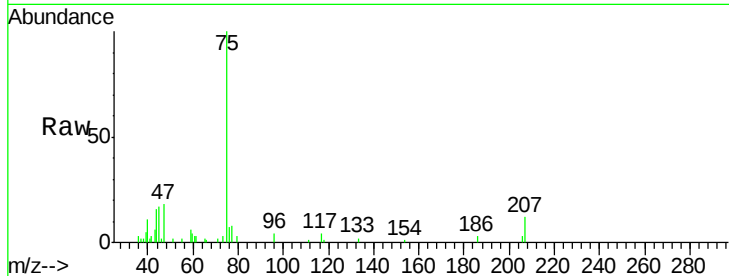
Tot Ion: 96 Resp: 123

Ion Ratio Lower Upper

96 100

61 0.0 0.0 302.6

98 29.3 0.0 130.0



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

300

250

200

150

100

50

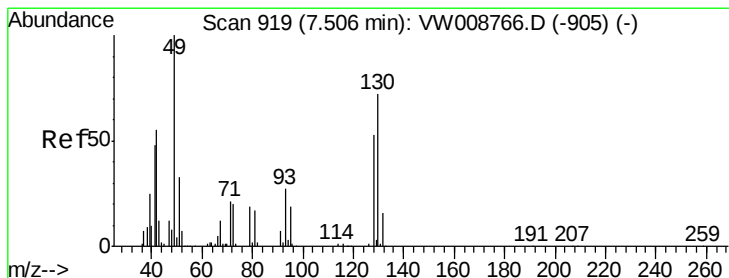
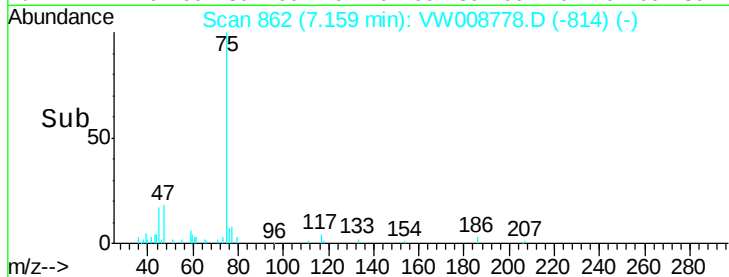
0

7.14

7.16

7.18

Time-->



#28

Bromochloromethane

Concen: 0.042 ug/l

RT: 7.52 min Scan# 921

Delta R.T. 0.01 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

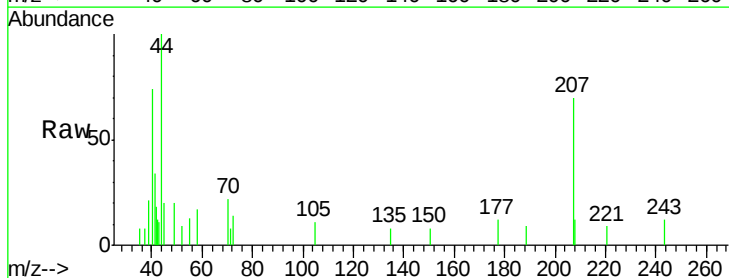
Tgt Ion: 49 Resp: 113

Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.6

130 0.0 61.3 91.9#



Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

150

100

50

0

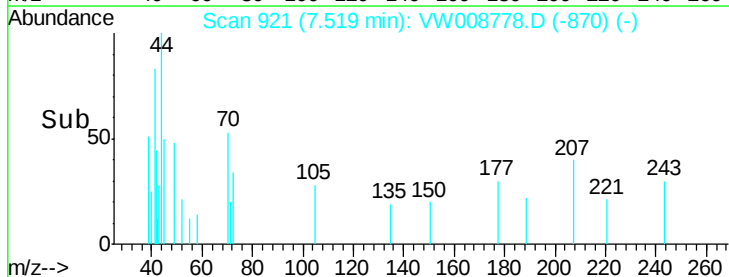
7.48

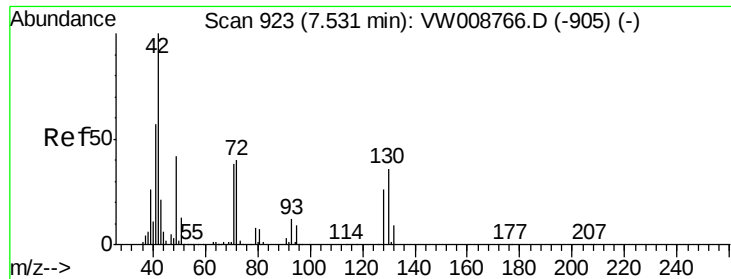
7.50

7.52

7.54

Time-->

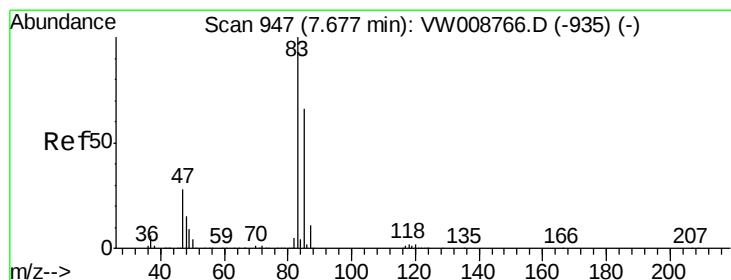
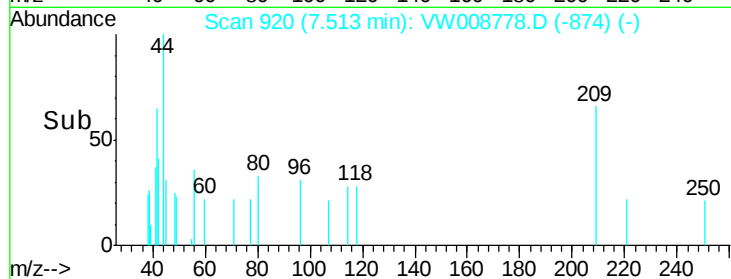
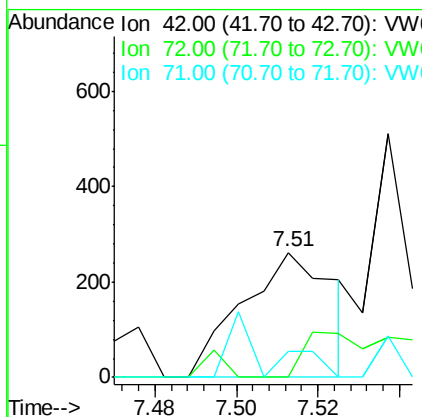
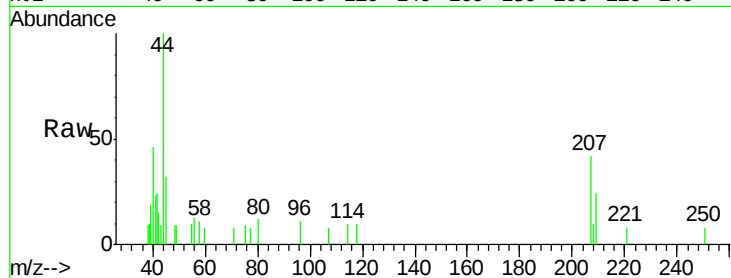




#29
Tetrahydrofuran
Concen: 0.563 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.02 min
Lab File: VW008778.D
Acq: 21 Feb 2019 19:04

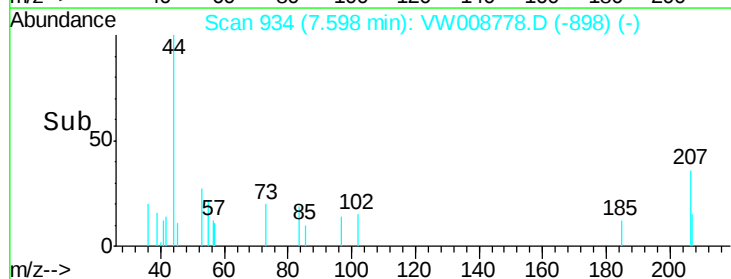
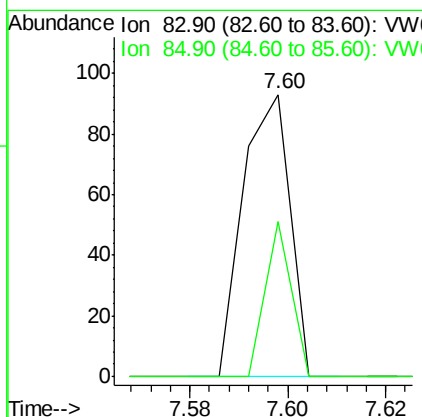
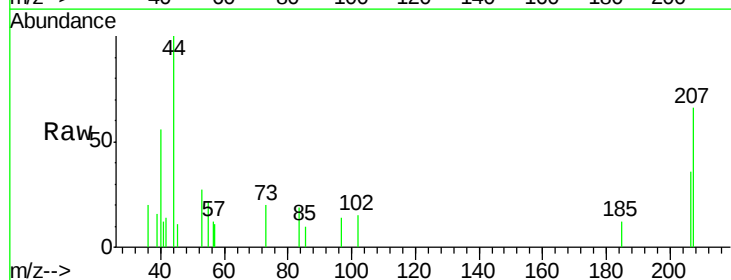
Instrument :
MSVOA_W
ClientSampleId :
RBR-200036

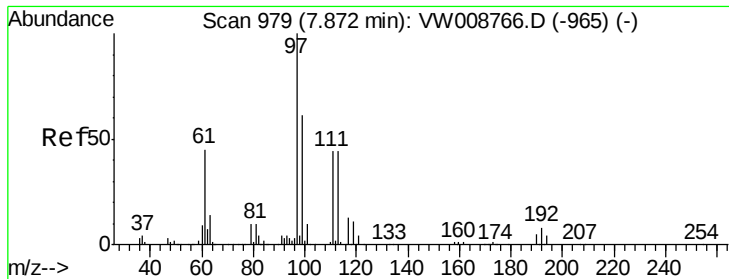
Tot Ion: 42 Resp: 405
Ion Ratio Lower Upper
42 100
72 37.0 32.7 49.1
71 0.0 31.3 46.9#



#30
Chloroform
Concen: 0.009 ug/l
RT: 7.60 min Scan# 934
Delta R.T. -0.08 min
Lab File: VW008778.D
Acq: 21 Feb 2019 19:04

Tgt Ion: 83 Resp: 62
Ion Ratio Lower Upper
83 100
85 54.8 52.6 79.0





#32

1,1,1-Trichloroethane

Concen: 0.011 ug/l

RT: 7.81 min Scan# 969

Delta R.T. -0.06 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampleId :

RBR-200036

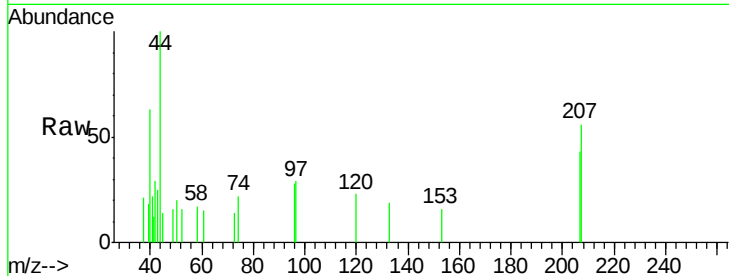
Tot Ion: 97 Resp: 65

Ion Ratio Lower Upper

97 100

99 0.0 50.8 76.2#

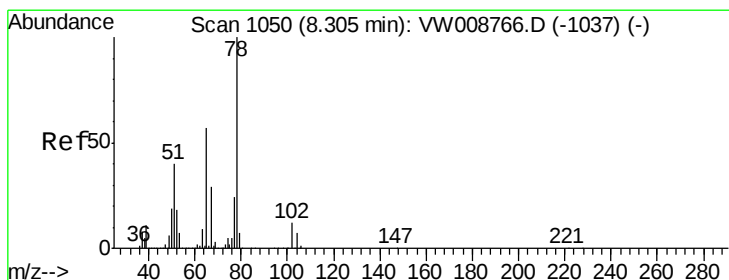
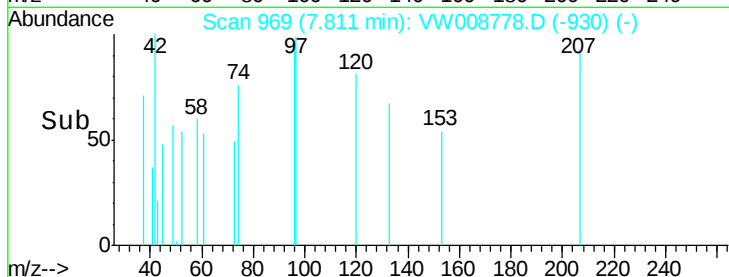
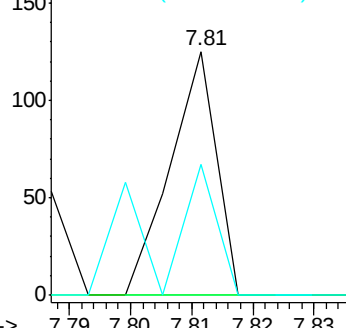
61 0.0 36.0 54.0#



Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW



#33

1,2-Dichloroethane-d4

Concen: 57.726 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008778.D

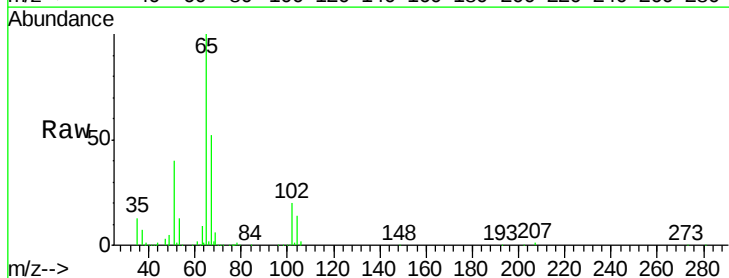
Acq: 21 Feb 2019 19:04

Tgt Ion: 65 Resp: 200961

Ion Ratio Lower Upper

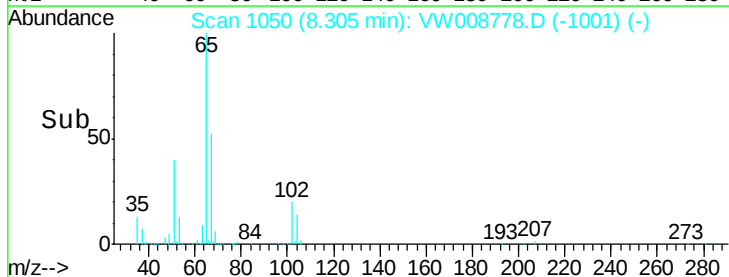
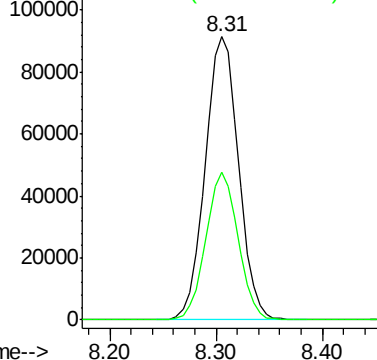
65 100

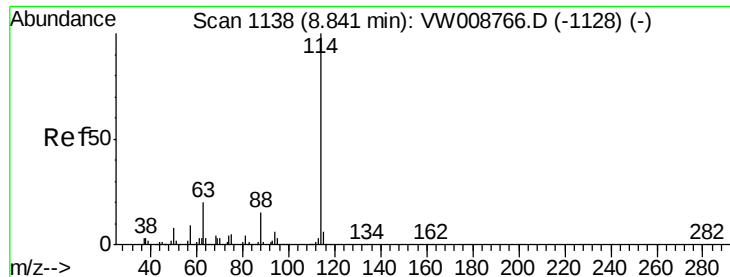
67 50.8 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

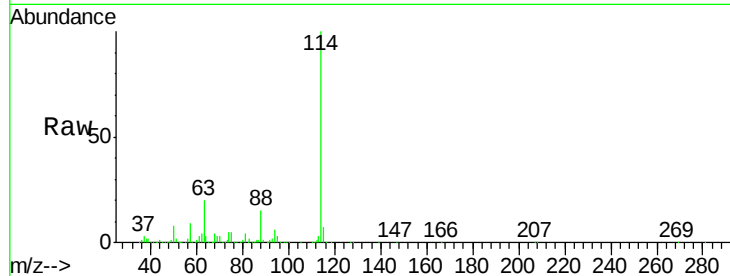




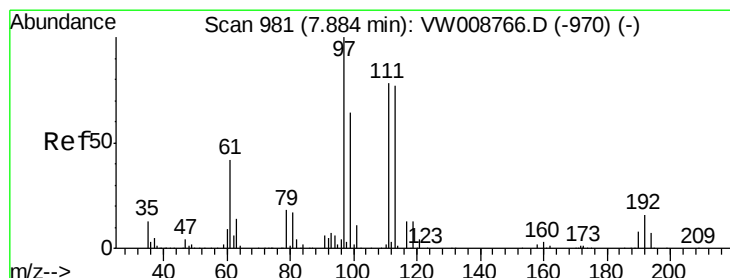
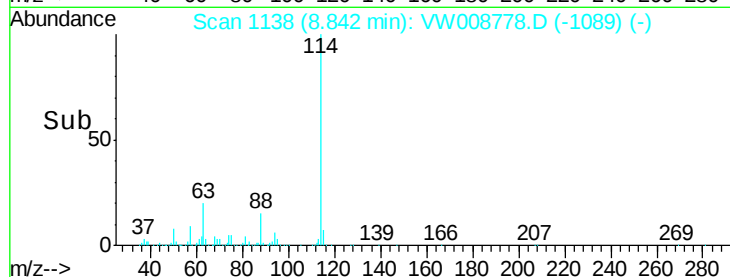
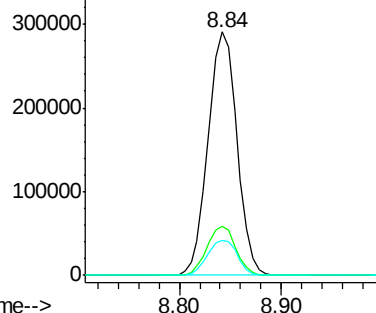
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008778.D
 Acq: 21 Feb 2019 19:04

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200036

Tot Ion:114 Resp: 571272
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 14.6 0.0 30.4

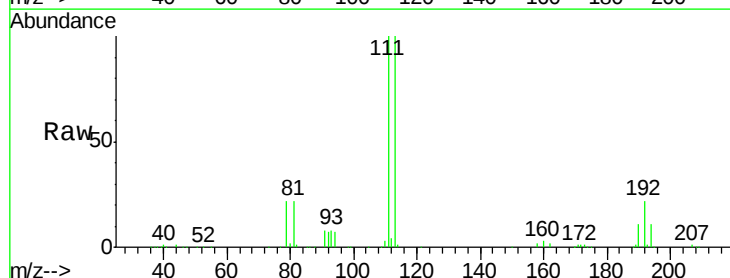


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

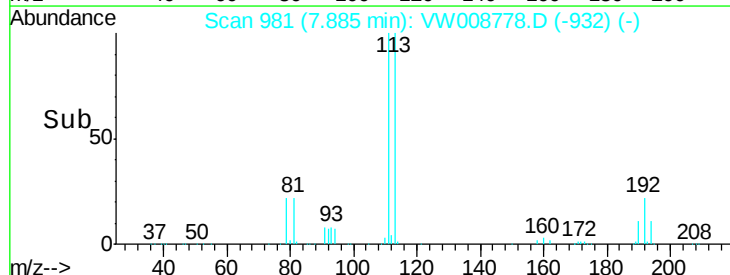
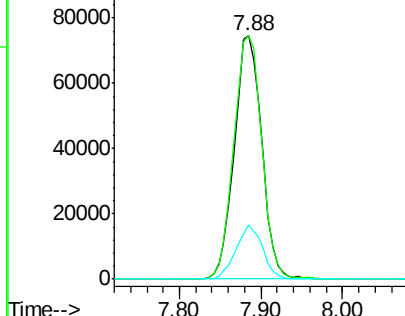


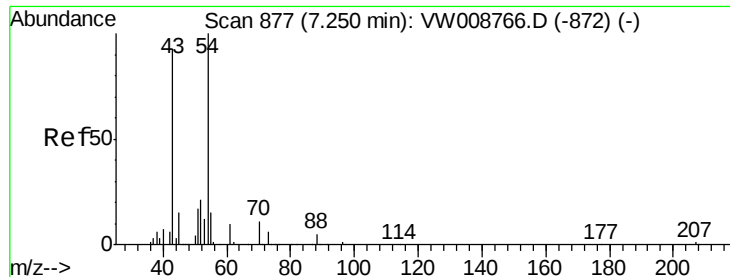
#35
 Dibromofluoromethane
 Concen: 50.369 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008778.D
 Acq: 21 Feb 2019 19:04

Tgt Ion:113 Resp: 172766
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.9 122.9
 192 21.6 17.1 25.7



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





#37

Ethyl Acetate

Concen: 0.102 ug/l

RT: 7.23 min Scan# 874

Delta R.T. -0.02 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampled :

RBR-200036

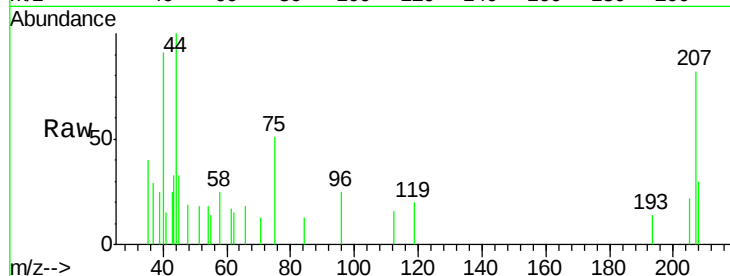
Tot Ion: 43 Resp: 264

Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

70 7.6 8.4 12.6#



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

300

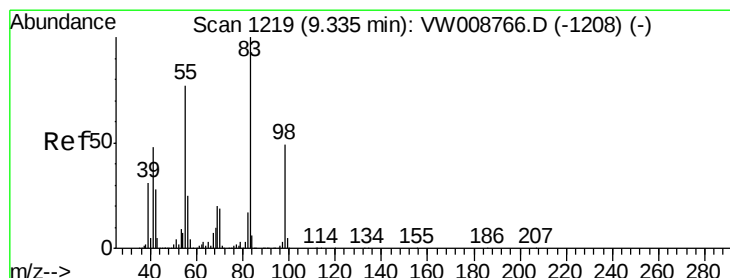
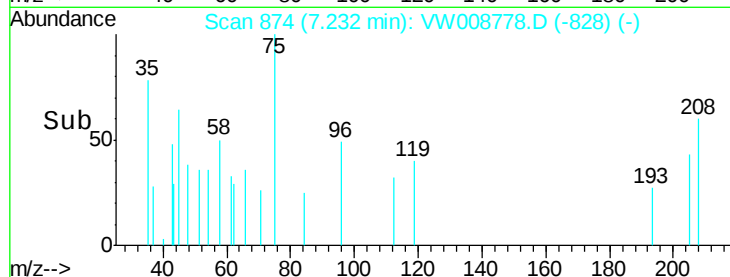
200

100

0

7.22 7.23 7.24 7.25 7.26

Time-->



#39

Methylcyclohexane

Concen: 0.080 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. 0.01 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

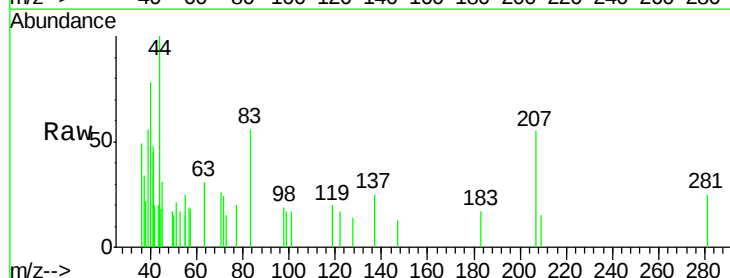
Tgt Ion: 83 Resp: 556

Ion Ratio Lower Upper

83 100

55 70.8 61.2 91.8

98 33.5 39.4 59.2#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

300

250

200

150

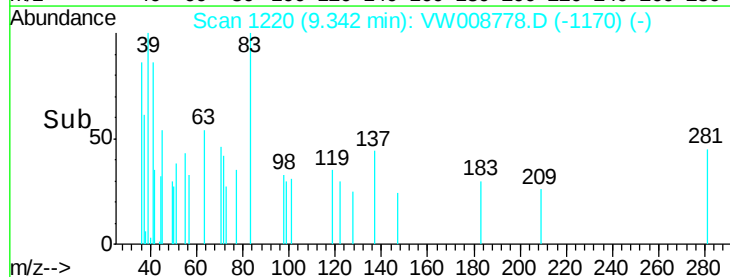
100

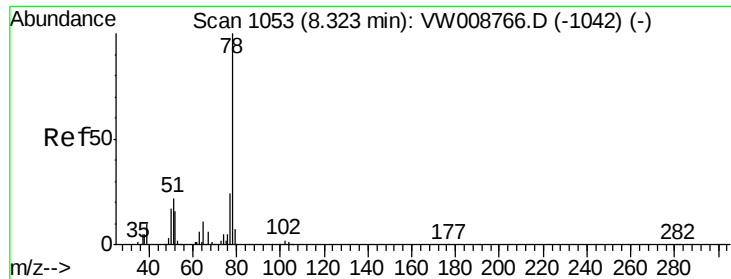
50

0

9.30 9.34 9.35

Time-->





#40

Benzene

Concen: 0.310 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampleId :

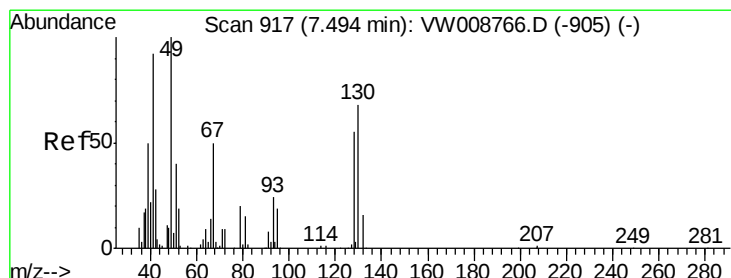
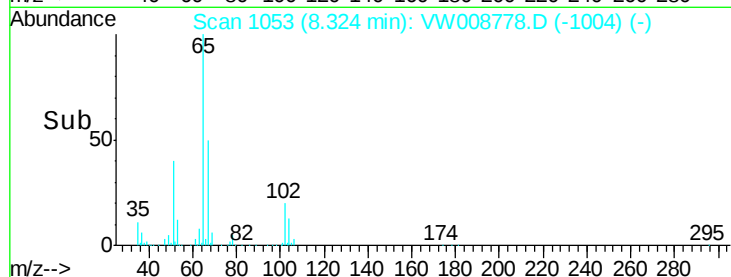
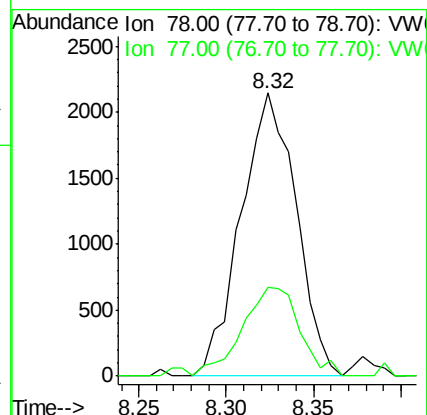
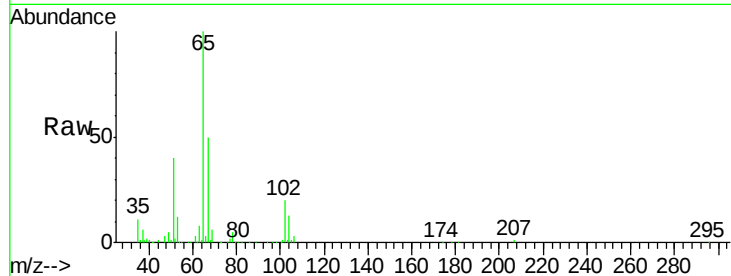
RBR-200036

Tot Ion: 78 Resp: 4701

Ion Ratio Lower Upper

78 100

77 31.2 19.3 28.9#



#41

Methacrylonitrile

Concen: 0.131 ug/l

RT: 7.47 min Scan# 913

Delta R.T. -0.02 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Tgt Ion: 41 Resp: 199

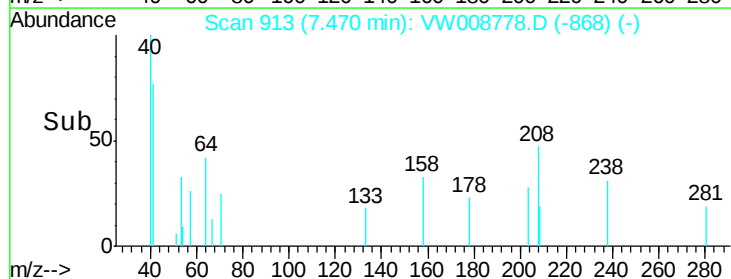
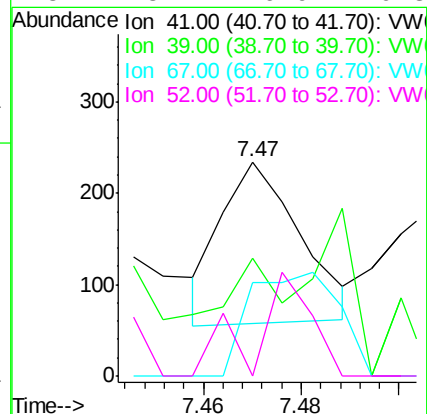
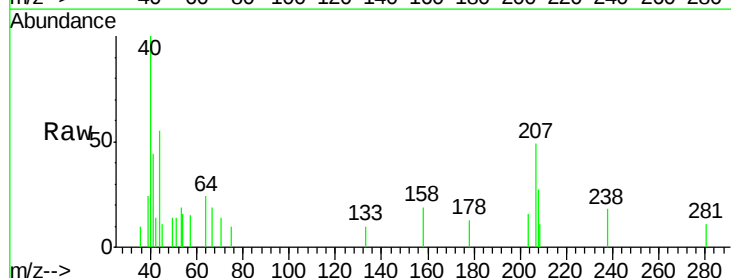
Ion Ratio Lower Upper

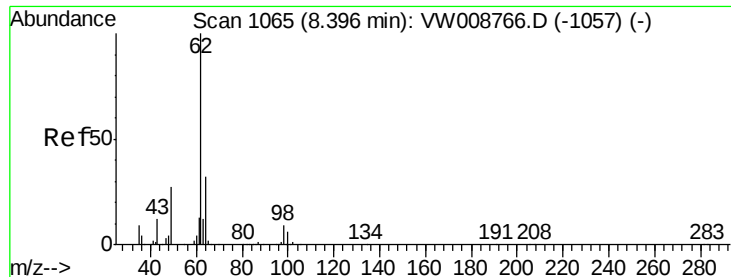
41 100

39 121.1 52.5 78.7#

67 72.4 55.0 82.6

52 45.2 26.9 40.3#

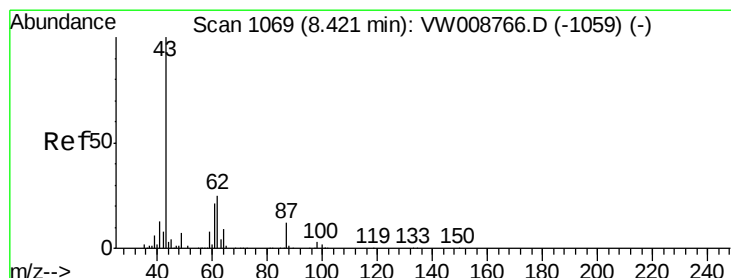
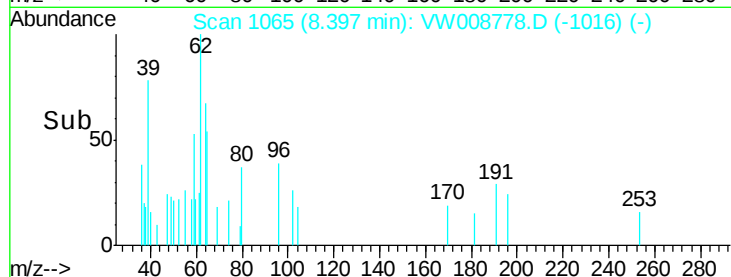
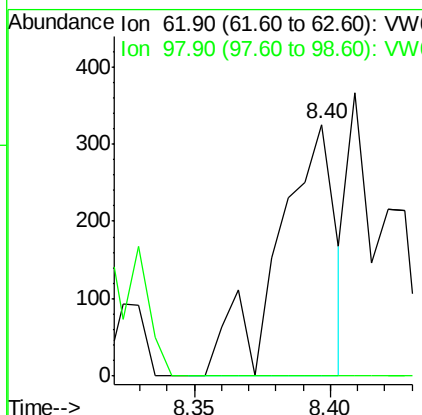
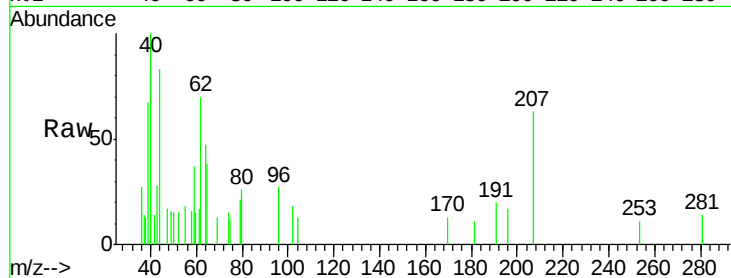




#42
 1,2-Dichloroethane
 Concen: 0.099 ug/l
 RT: 8.40 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW008778.D
 Acq: 21 Feb 2019 19:04

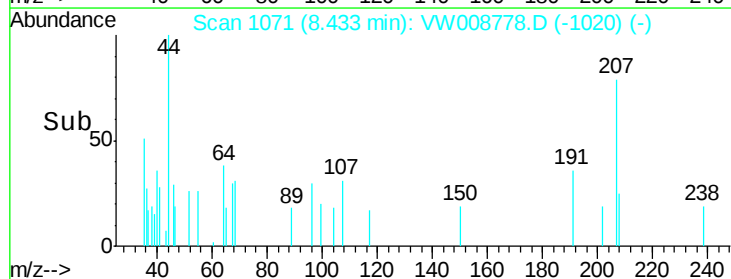
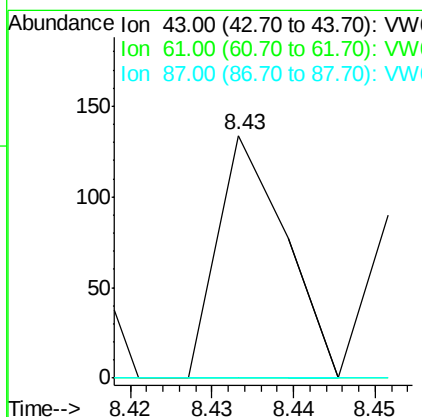
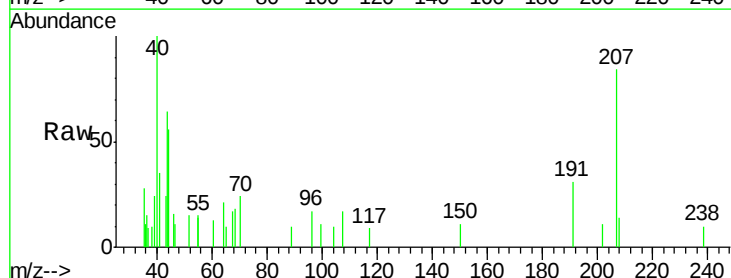
Instrument :
 MSVOA_W
 ClientSampled :
 RBR-200036

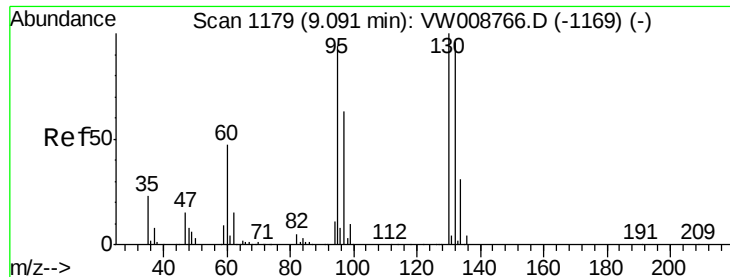
Tot Ion: 62 Resp: 476
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 18.2



#43
 Isopropyl Acetate
 Concen: 0.015 ug/l
 RT: 8.43 min Scan# 1071
 Delta R.T. 0.01 min
 Lab File: VW008778.D
 Acq: 21 Feb 2019 19:04

Tgt Ion: 43 Resp: 77
 Ion Ratio Lower Upper
 43 100
 61 0.0 23.2 34.8#
 87 0.0 9.9 14.9#





#44

Trichloroethene

Concen: 0.004 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampleId :

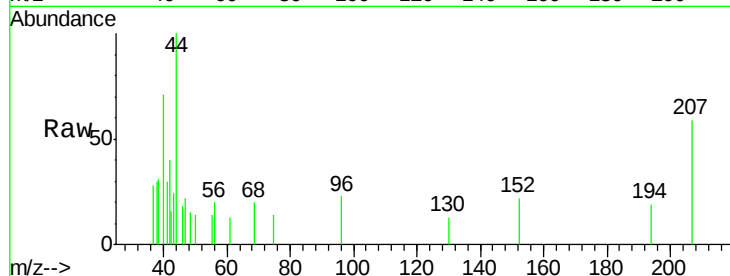
RBR-200036

Tot Ion:130 Resp: 19

Ion Ratio Lower Upper

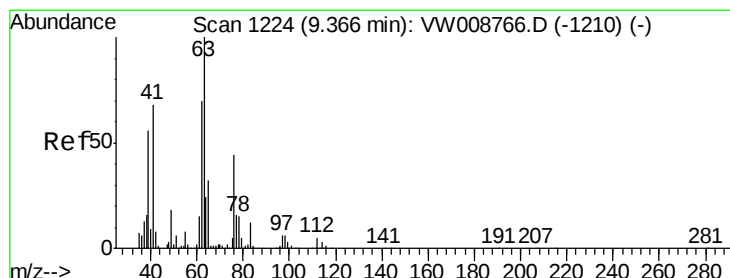
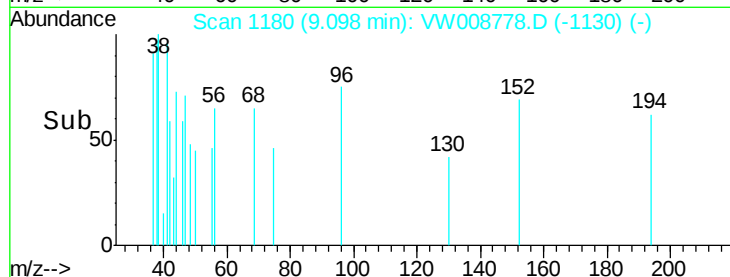
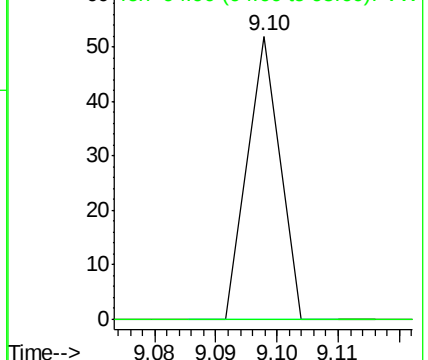
130 100

95 0.0 0.0 188.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#45

1,2-Dichloropropane

Concen: 0.035 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW008778.D

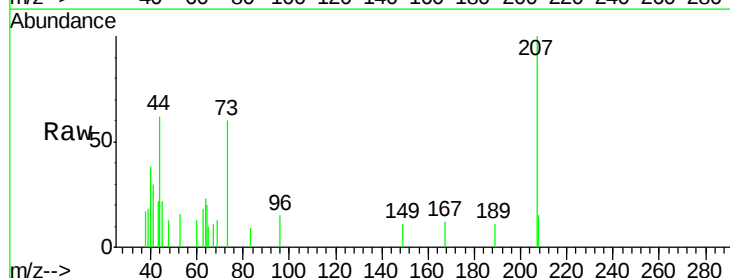
Acq: 21 Feb 2019 19:04

Tgt Ion: 63 Resp: 132

Ion Ratio Lower Upper

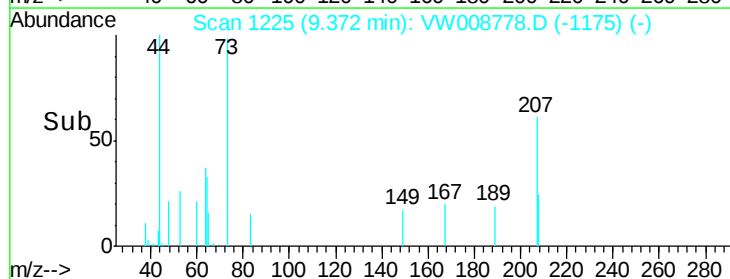
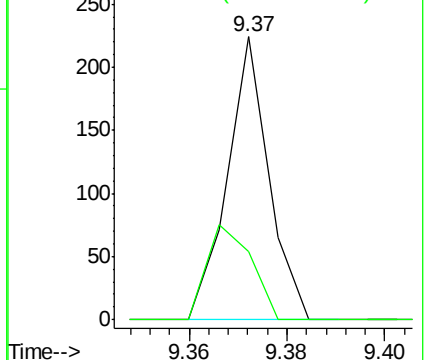
63 100

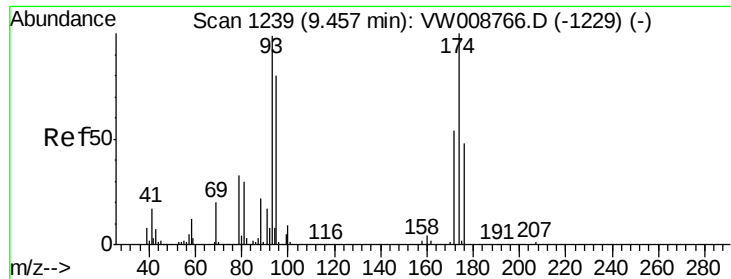
65 24.1 25.5 38.3#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW





#46

Dibromomethane

Concen: 0.009 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.02 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampled :

RBR-200036

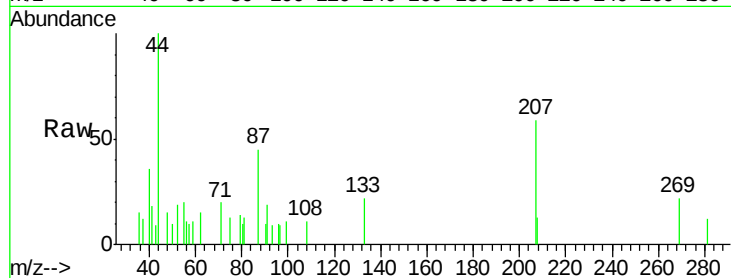
Tot Ion: 93 Resp: 19

Ion Ratio Lower Upper

93 100

95 0.0 67.7 101.5#

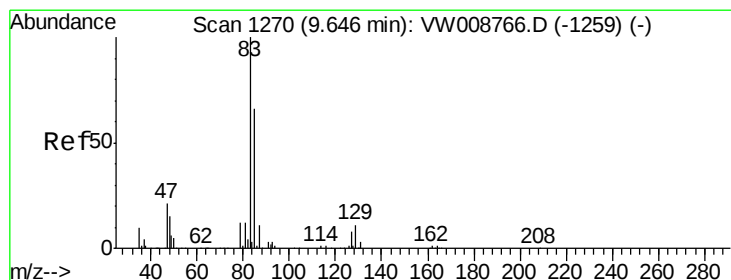
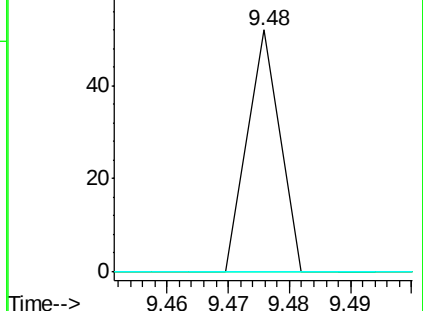
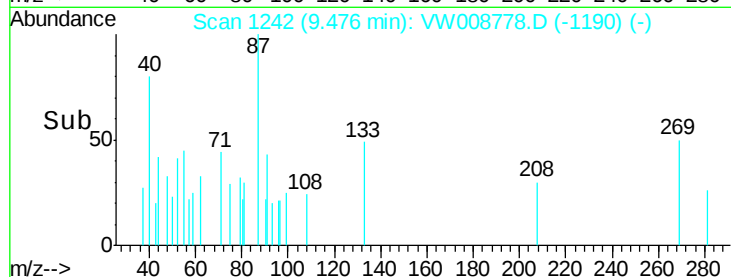
174 0.0 86.7 130.1#



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 0.015 ug/l

RT: 9.63 min Scan# 1267

Delta R.T. -0.02 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

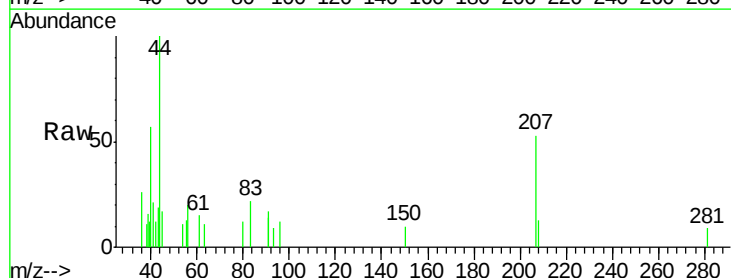
Tgt Ion: 83 Resp: 76

Ion Ratio Lower Upper

83 100

85 0.0 52.5 78.7#

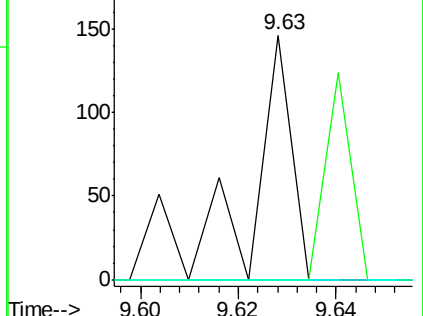
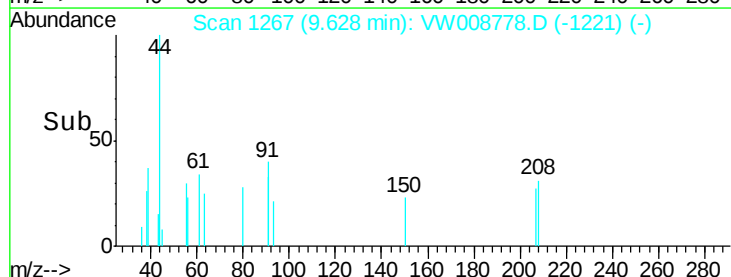
127 0.0 6.7 10.1#

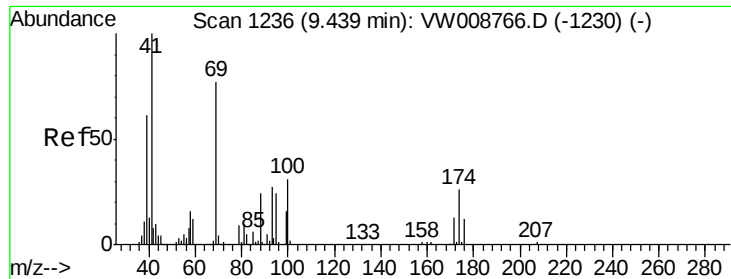


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V

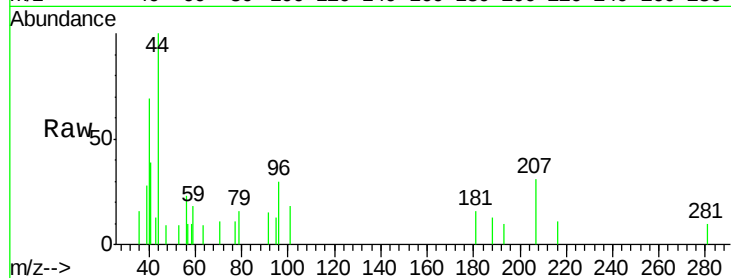




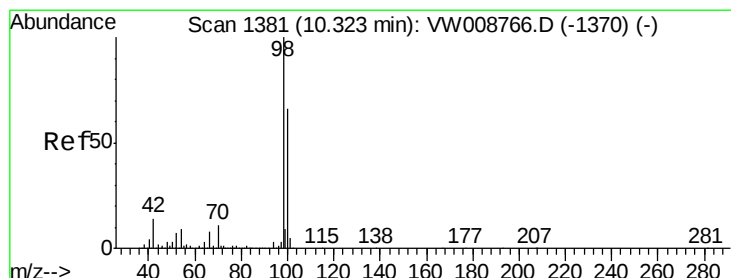
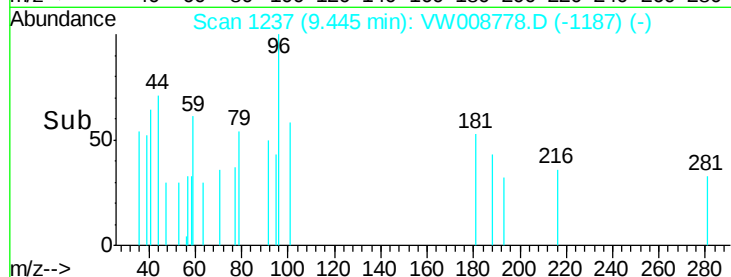
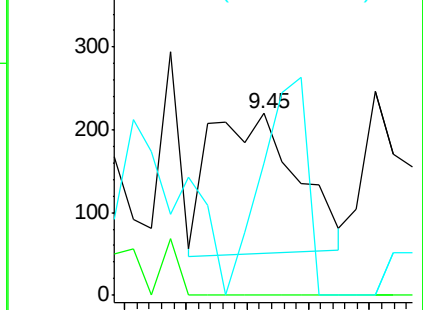
#48
Methvl methacrvlate
Concen: 0.138 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW008778.D
Acq: 21 Feb 2019 19:04

Instrument :
MSVOA_W
ClientSampleId :
RBR-200036

Tot Ion: 41 Resp: 341
Ion Ratio Lower Upper
41 100
69 0.0 63.6 95.4#
39 79.8 52.1 78.1#

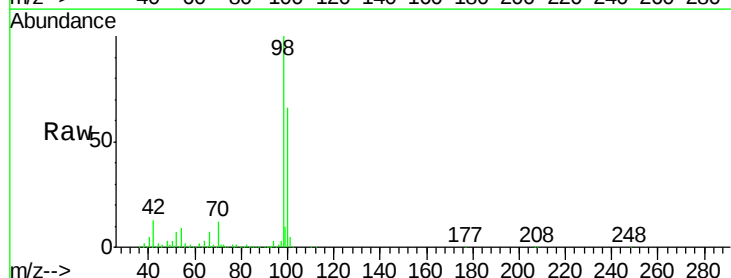


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

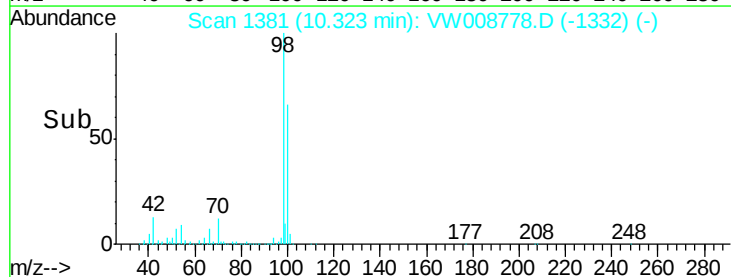
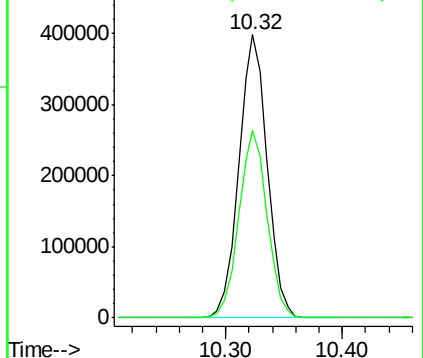


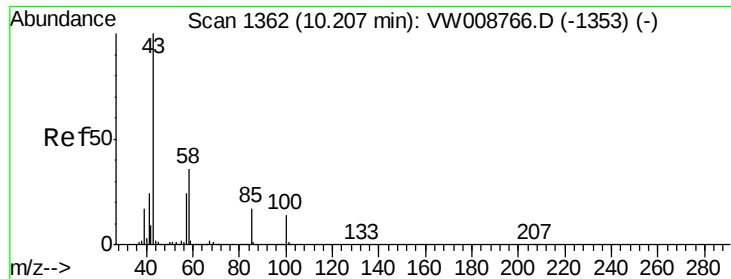
#50
Toluene-d8
Concen: 50.893 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008778.D
Acq: 21 Feb 2019 19:04

Tgt Ion: 98 Resp: 673864
Ion Ratio Lower Upper
98 100
100 66.0 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: 0.048 ug/l

RT: 10.25 min Scan# 1369

Delta R.T. 0.04 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampled :

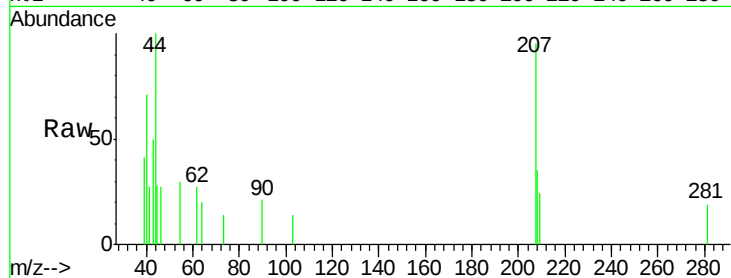
RBR-200036

Tot Ion: 43 Resp: 125

Ion Ratio Lower Upper

43 100

58 0.0 29.1 43.7#



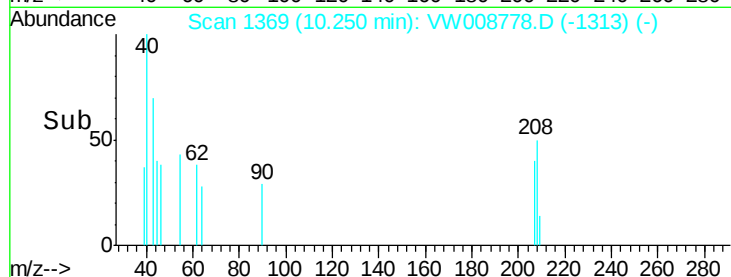
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

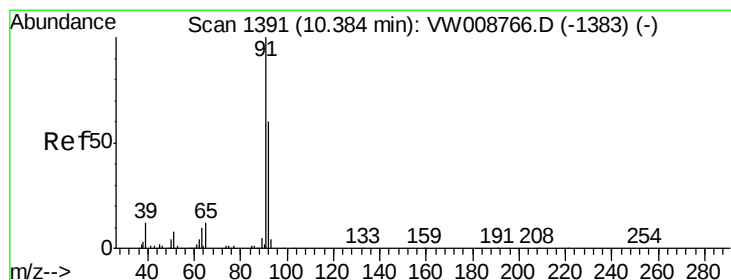
10.25

10.24

10.26



Time-->



#52

Toluene

Concen: 4.001 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW008778.D

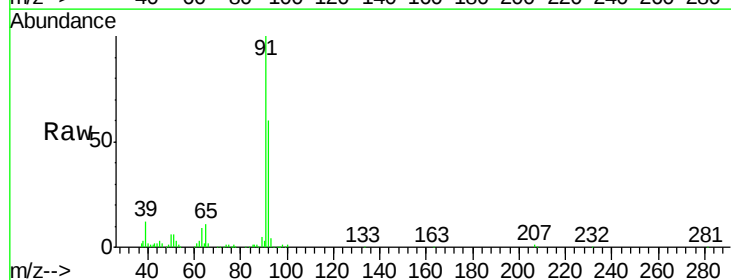
Acq: 21 Feb 2019 19:04

Tgt Ion: 92 Resp: 41233

Ion Ratio Lower Upper

92 100

91 170.4 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

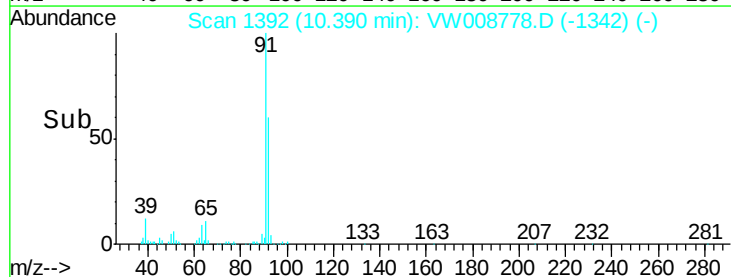
10.39

10.30

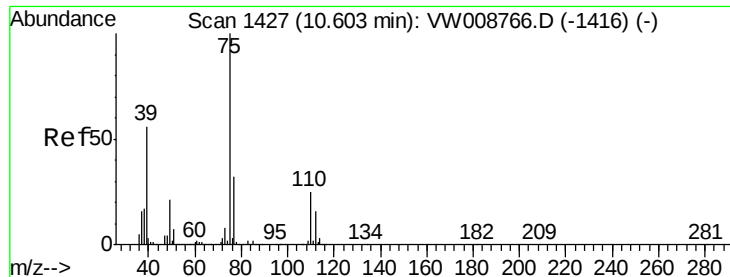
10.35

10.40

10.45



Time-->



#53

t-1,3-Dichloropropene

Concen: 0.012 ug/l

RT: 10.60 min Scan# 1426

Delta R.T. -0.01 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampled :

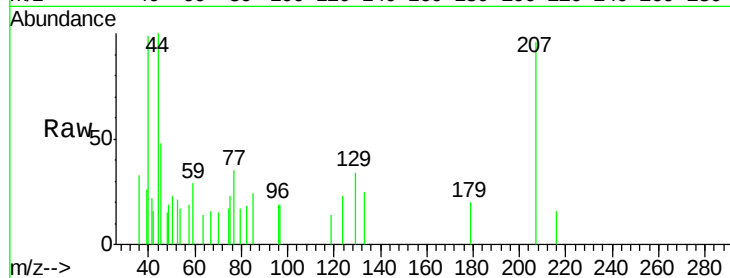
RBR-200036

Tot Ion: 75 Resp: 61

Ion Ratio Lower Upper

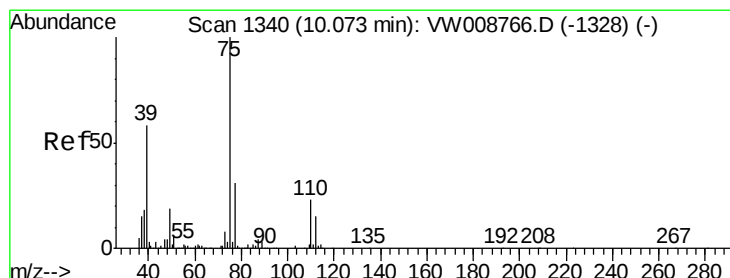
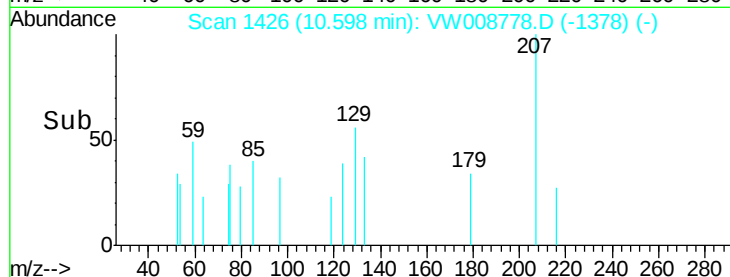
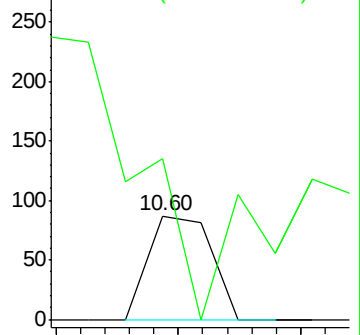
75 100

77 92.0 26.1 39.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 0.015 ug/l

RT: 9.95 min Scan# 1320

Delta R.T. -0.12 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

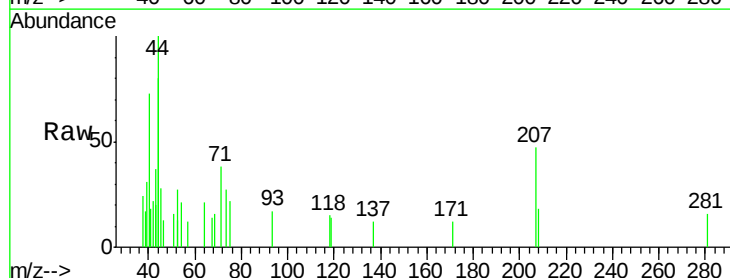
Tgt Ion: 75 Resp: 86

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.4#

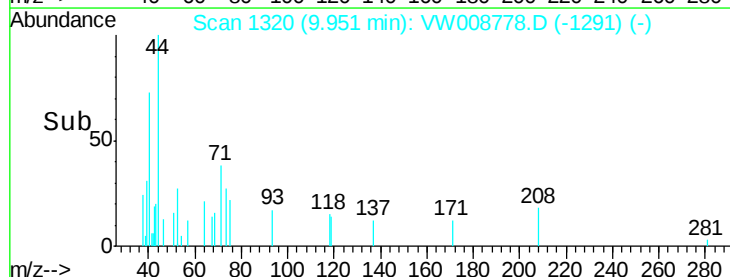
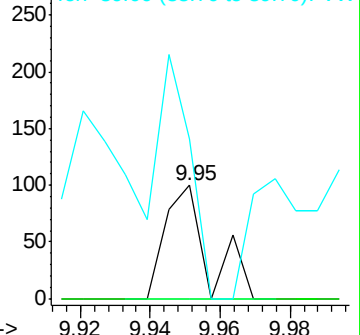
39 35.0 46.6 70.0#

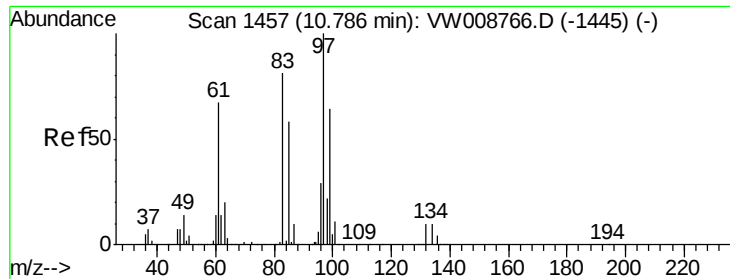


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

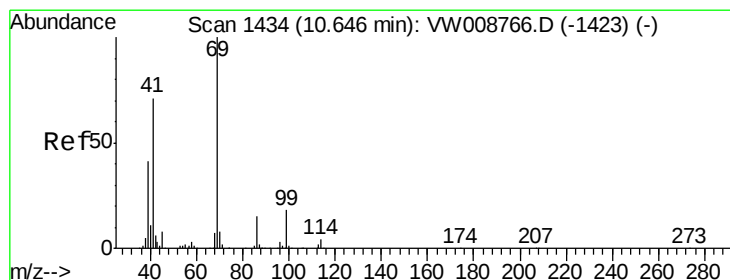
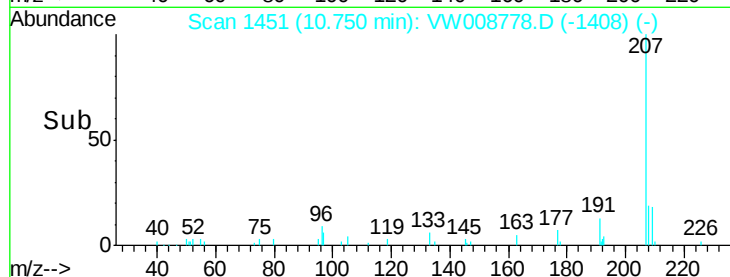
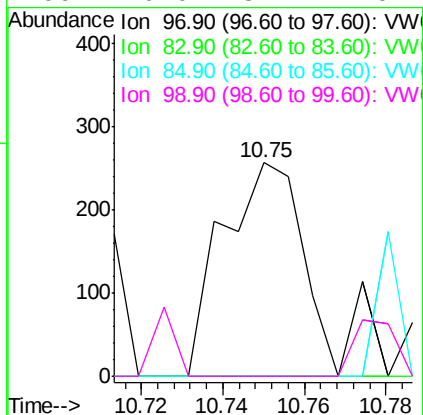
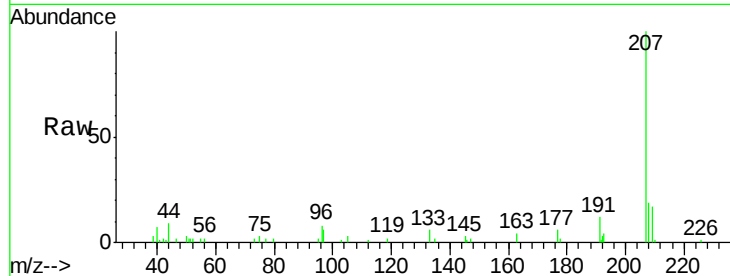




#55
 1,1,2-Trichloroethane
 Concen: 0.123 ug/l
 RT: 10.75 min Scan# 1451
 Delta R.T. -0.04 min
 Lab File: VW008778.D
 Acq: 21 Feb 2019 19:04

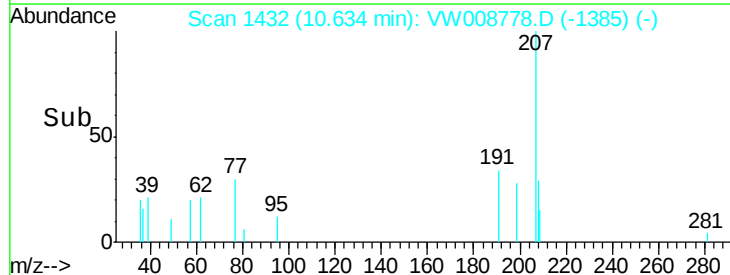
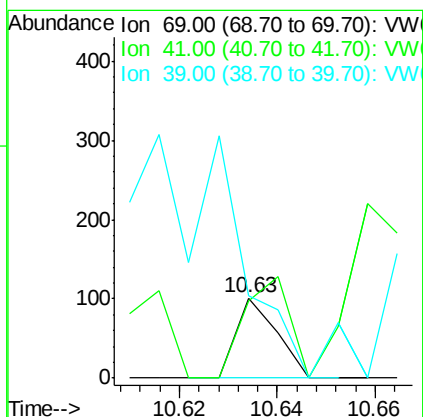
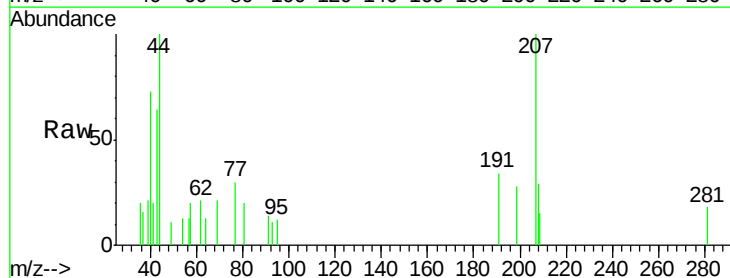
Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200036

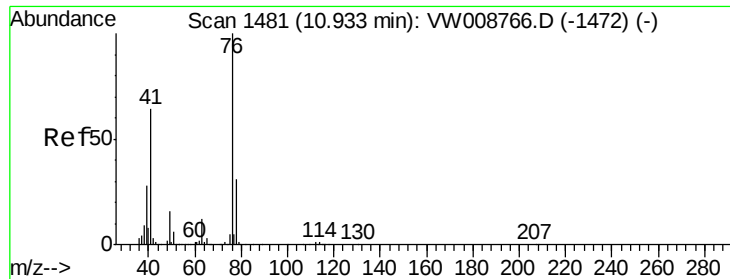
Tot Ion:	97	Resp:	348
Ion	Ratio	Lower	Upper
97	100		
83	0.0	65.0	97.6#
85	0.0	46.0	69.0#
99	0.0	51.1	76.7#



#56
 Ethyl methacrylate
 Concen: 0.016 ug/l
 RT: 10.63 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: VW008778.D
 Acq: 21 Feb 2019 19:04

Tgt Ion:	69	Resp:	58
Ion	Ratio	Lower	Upper
69	100		
41	143.1	57.4	86.0#
39	0.0	34.8	52.2#





#57

1,3-Dichloropropane

Concen: 0.005 ug/l

RT: 11.06 min Scan# 1502

Delta R.T. 0.13 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampled :

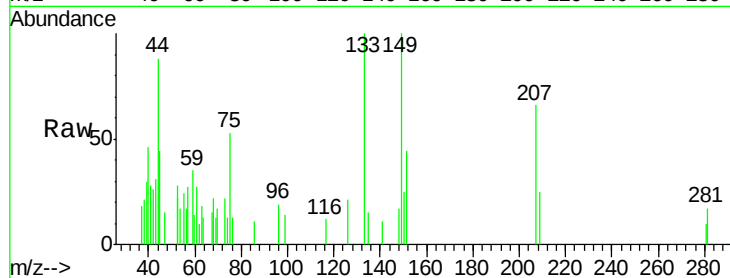
RBR-200036

Tot Ion: 76 Resp: 23

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

11.06

60

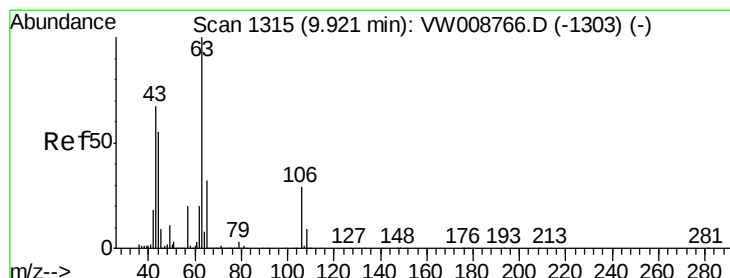
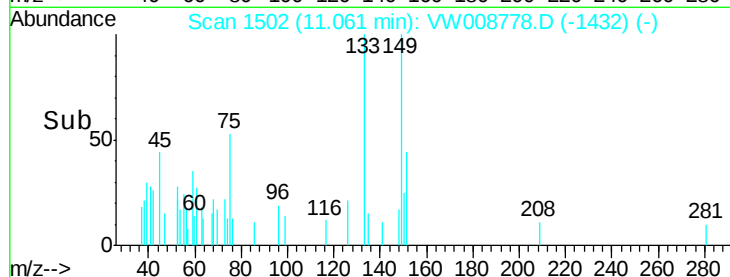
40

20

0

Time-->

11.04 11.06 11.08



#58

2-Chloroethyl Vinyl ether

Concen: 0.011 ug/l

RT: 9.88 min Scan# 1309

Delta R.T. -0.04 min

Lab File: VW008778.D

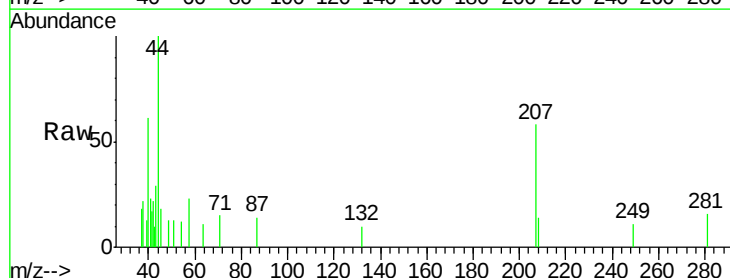
Acq: 21 Feb 2019 19:04

Tgt Ion: 63 Resp: 21

Ion Ratio Lower Upper

63 100

106 0.0 24.0 36.0#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

9.88

60

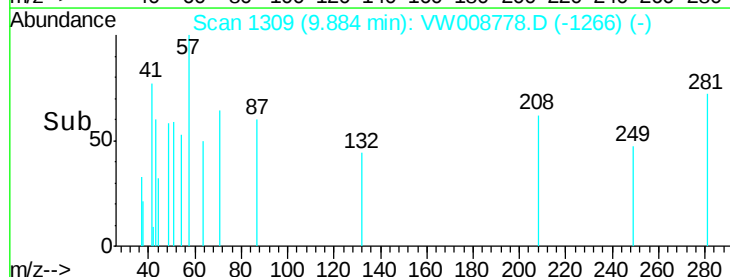
40

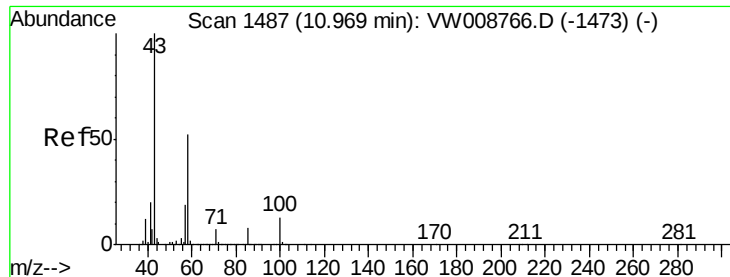
20

0

Time-->

9.86 9.87 9.88 9.89 9.90

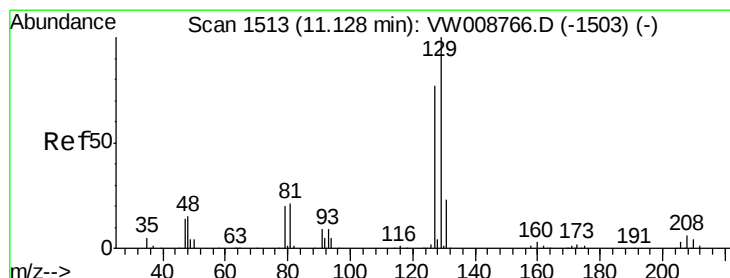
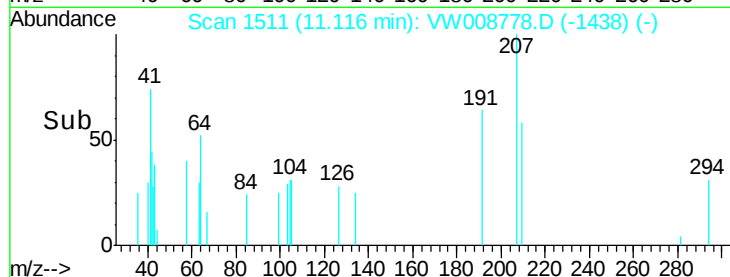
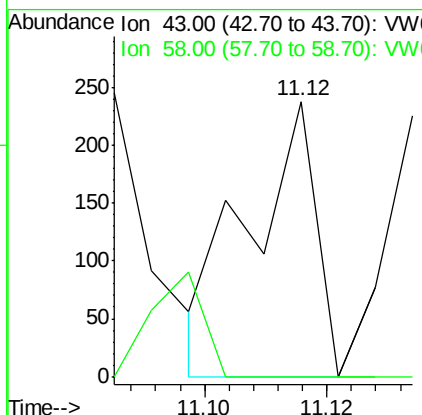
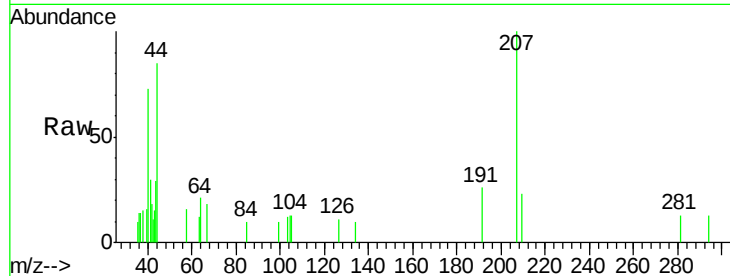




#59
2-Hexanone
Concen: 0.097 ug/l
RT: 11.12 min Scan# 1511
Delta R.T. 0.15 min
Lab File: VW008778.D
Acq: 21 Feb 2019 19:04

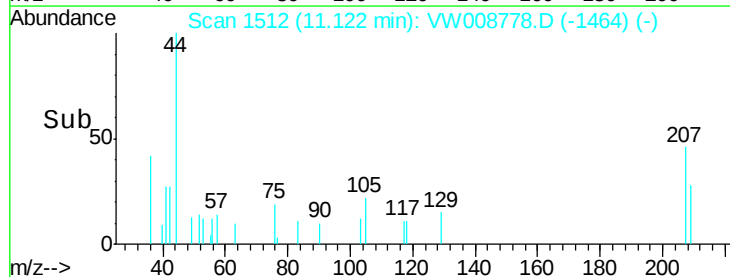
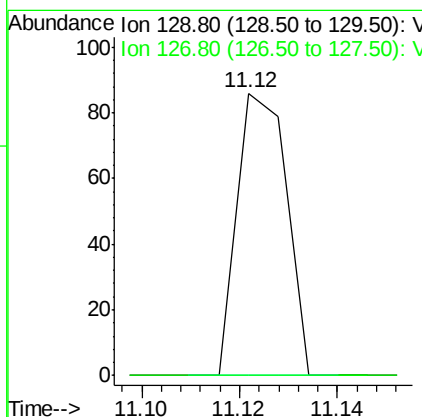
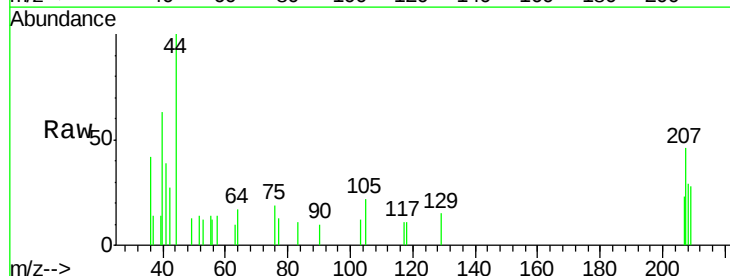
Instrument :
MSVOA_W
ClientSampled :
RBR-200036

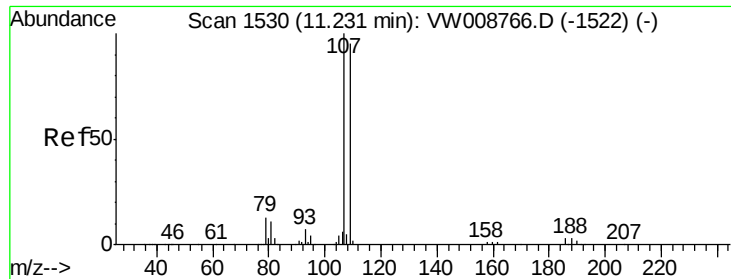
Tot Ion: 43 Resp: 181
Ion Ratio Lower Upper
43 100
58 29.8 25.3 75.8



#60
Dibromochloromethane
Concen: 0.017 ug/l
RT: 11.12 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VW008778.D
Acq: 21 Feb 2019 19:04

Tgt Ion: 129 Resp: 60
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#

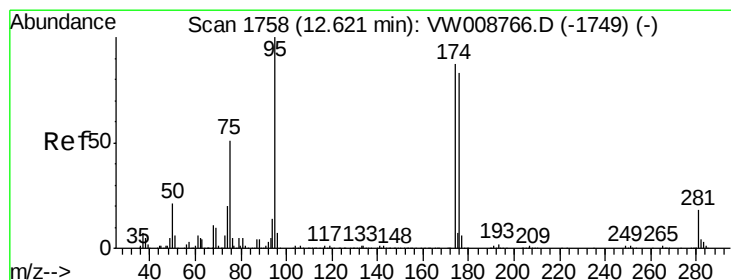
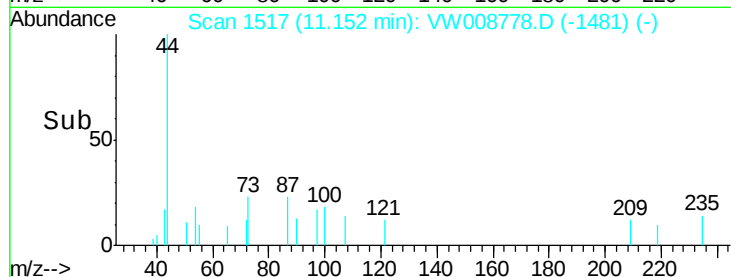
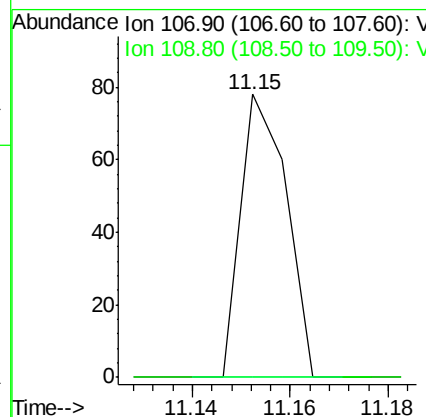
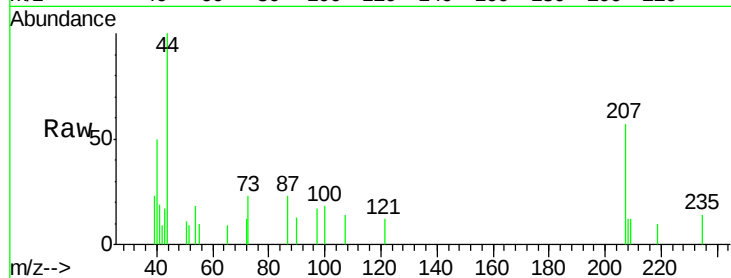




#61
 1,2-Dibromoethane
 Concen: 0.018 ug/l
 RT: 11.15 min Scan# 1517
 Delta R.T. -0.08 min
 Lab File: VW008778.D
 Acq: 21 Feb 2019 19:04

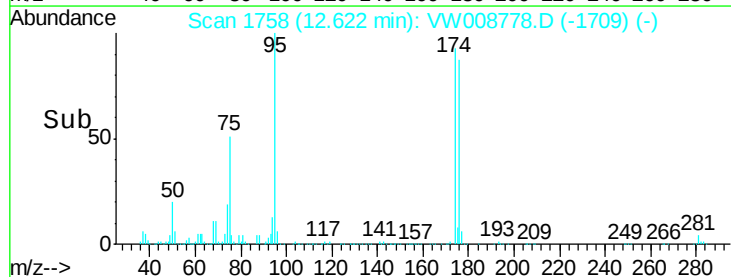
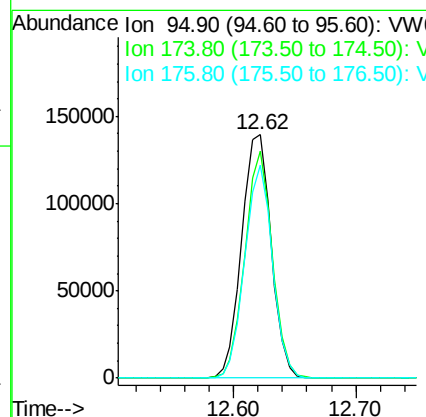
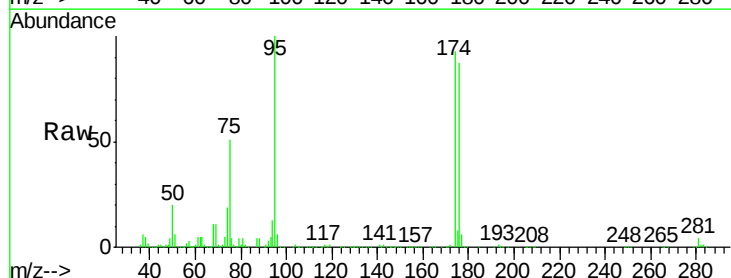
Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200036

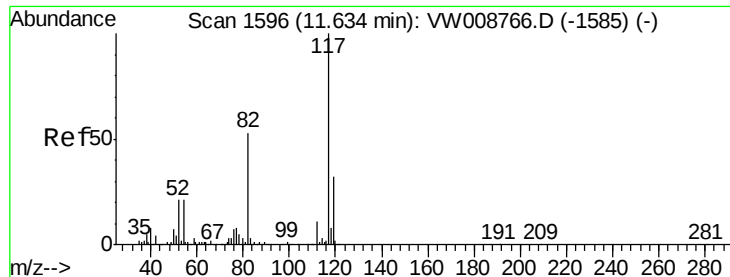
Tot Ion: 107 Resp: 50
 Ion Ratio Lower Upper
 107 100
 109 0.0 75.6 113.4#



#62
 4-Bromofluorobenzene
 Concen: 44.850 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008778.D
 Acq: 21 Feb 2019 19:04

Tgt Ion: 95 Resp: 232516
 Ion Ratio Lower Upper
 95 100
 174 86.8 0.0 169.2
 176 82.7 0.0 163.6

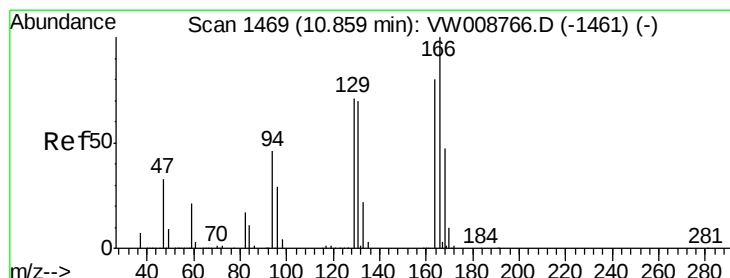
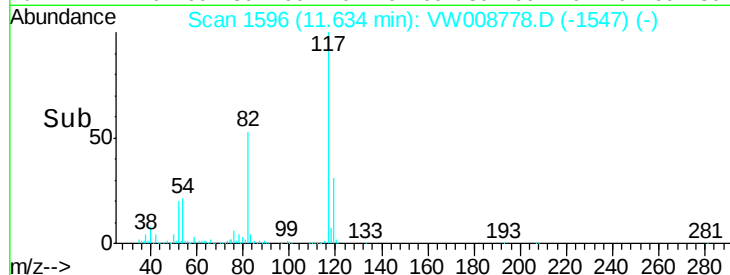
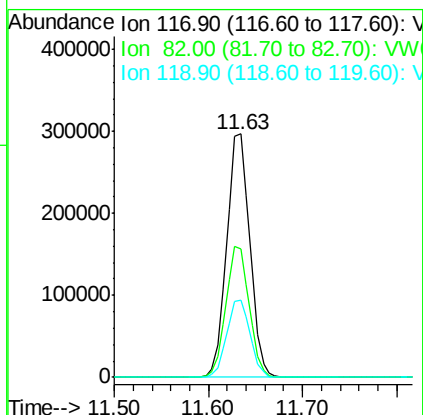
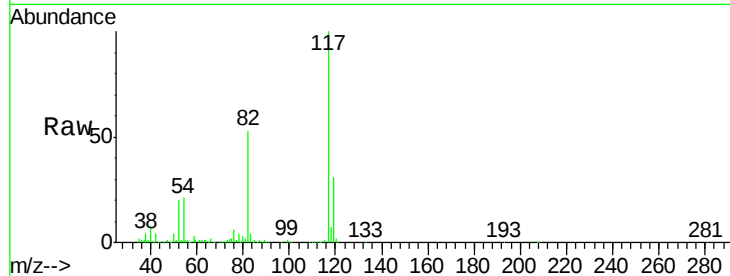




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008778.D
Acq: 21 Feb 2019 19:04

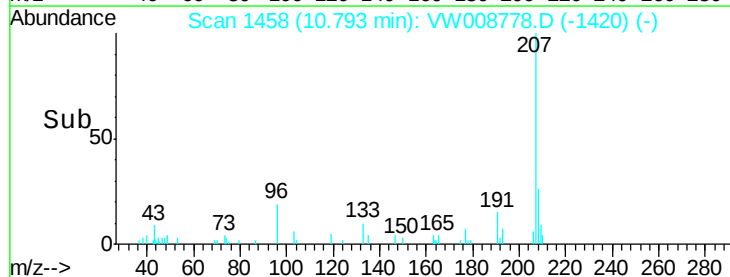
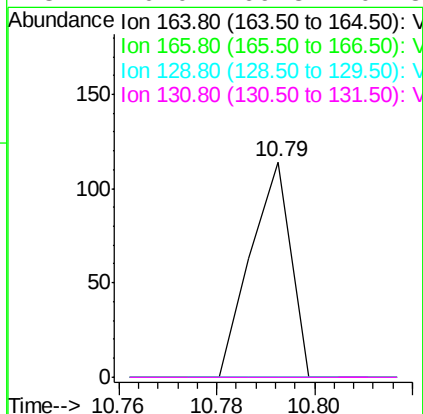
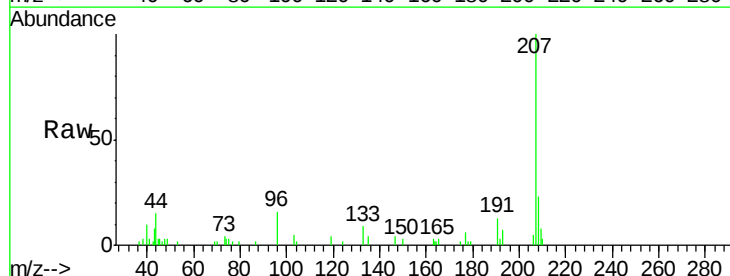
Instrument :
MSVOA_W
ClientSampleId :
RBR-200036

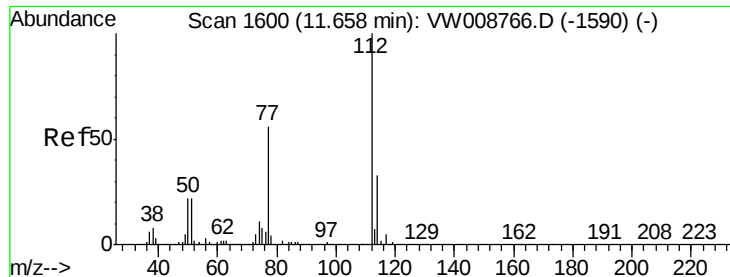
Tot Ion:117 Resp: 505740
Ion Ratio Lower Upper
117 100
82 52.7 42.2 63.4
119 31.5 25.9 38.9



#64
Tetrachloroethene
Concen: 0.018 ug/l
RT: 10.79 min Scan# 1458
Delta R.T. -0.07 min
Lab File: VW008778.D
Acq: 21 Feb 2019 19:04

Tgt Ion:164 Resp: 65
Ion Ratio Lower Upper
164 100
166 0.0 99.5 149.3#
129 0.0 71.1 106.7#
131 0.0 69.8 104.8#

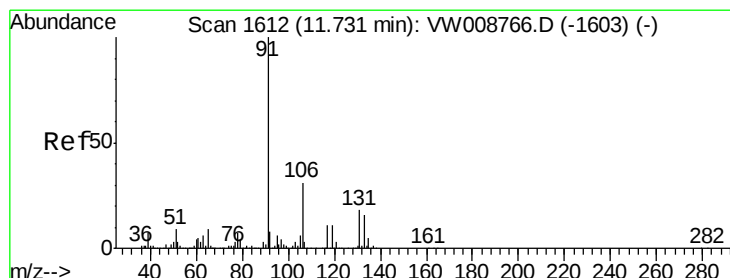
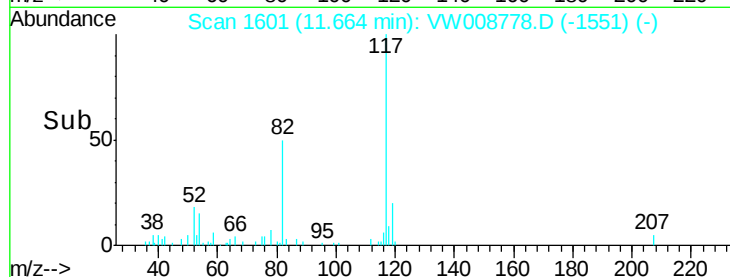
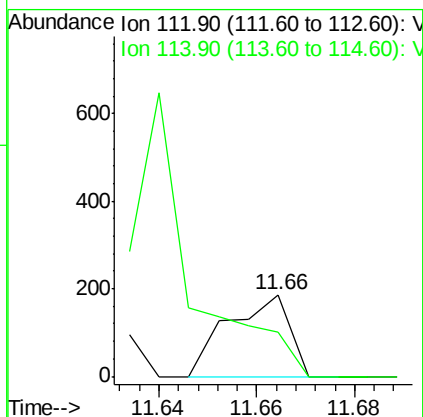
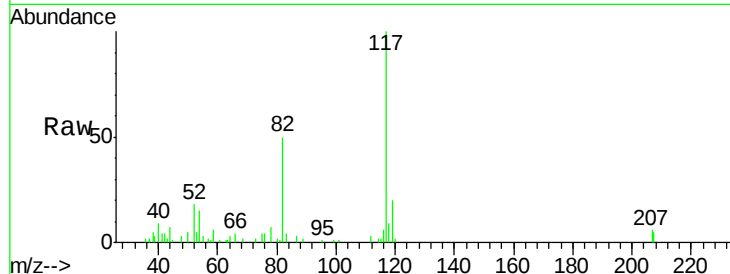




#65
Chlorobenzene
Concen: 0.015 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW008778.D
Acq: 21 Feb 2019 19:04

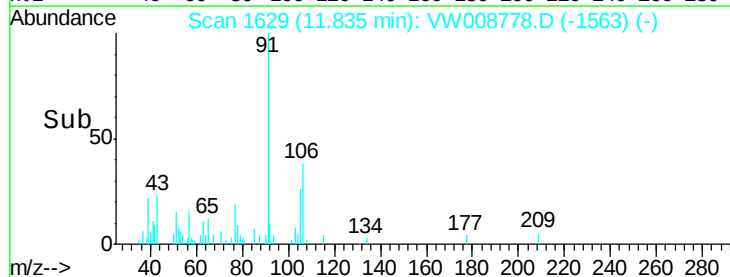
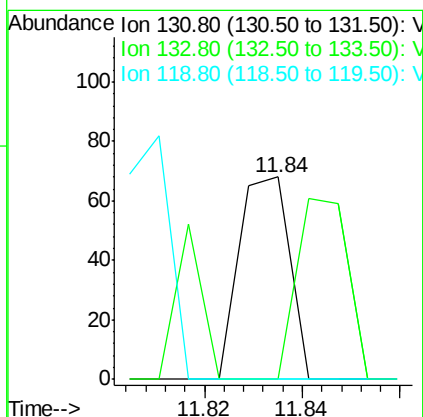
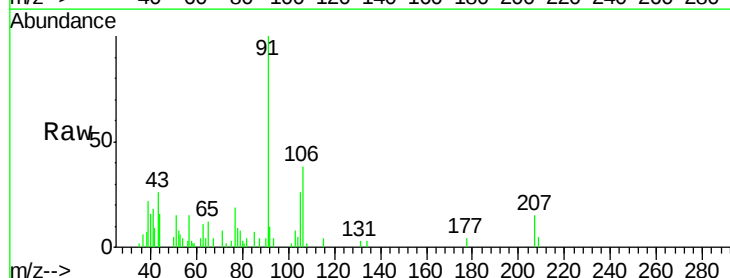
Instrument :
MSVOA_W
ClientSampleId :
RBR-200036

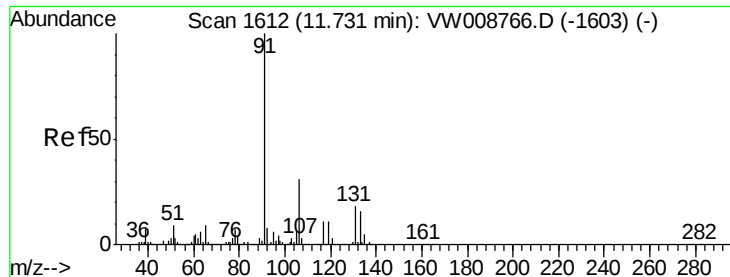
Tot Ion:112 Resp: 162
Ion Ratio Lower Upper
112 100
114 54.8 26.6 40.0#



#66
1,1,1,2-Tetrachloroethane
Concen: 0.014 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.10 min
Lab File: VW008778.D
Acq: 21 Feb 2019 19:04

Tgt Ion:131 Resp: 49
Ion Ratio Lower Upper
131 100
133 89.8 46.7 140.0
119 0.0 30.8 92.4#

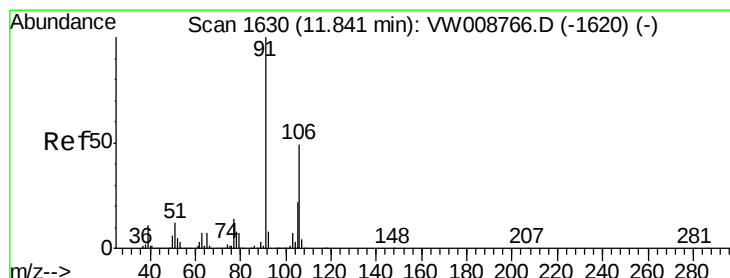
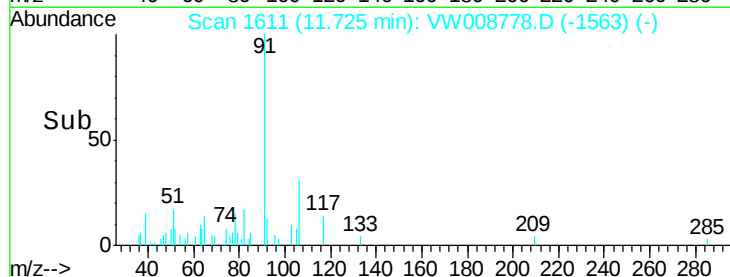
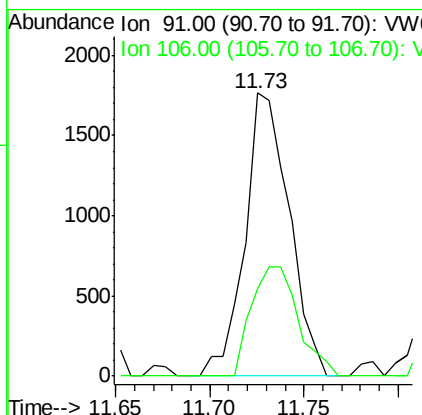
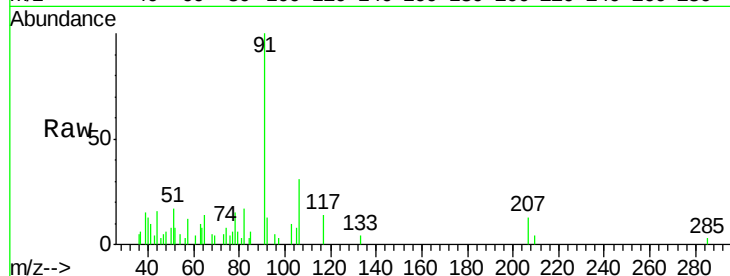




#67
Ethyl Benzene
Concen: 0.151 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW008778.D
Acq: 21 Feb 2019 19:04

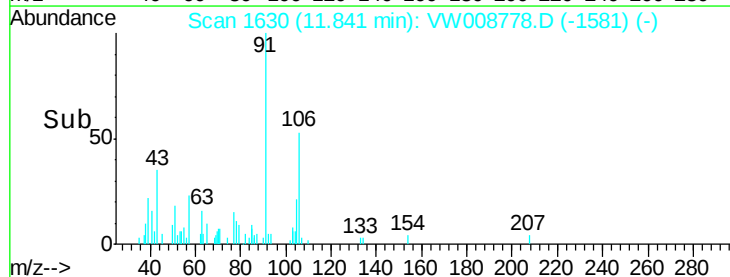
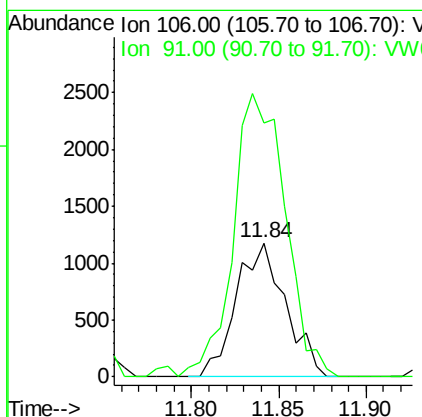
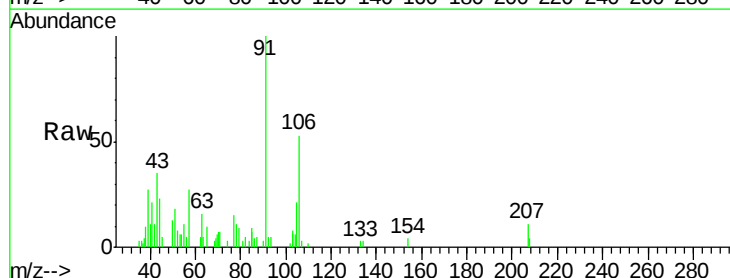
Instrument :
MSVOA_W
ClientSampleId :
RBR-200036

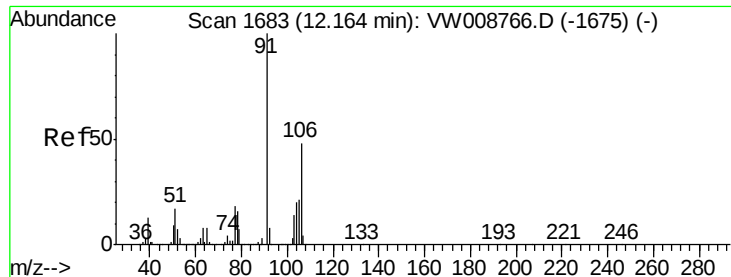
Tot Ion: 91 Resp: 2874
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.6



#68
m/p-Xylenes
Concen: 0.305 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008778.D
Acq: 21 Feb 2019 19:04

Tgt Ion: 106 Resp: 2313
Ion Ratio Lower Upper
106 100
91 223.1 161.5 242.3

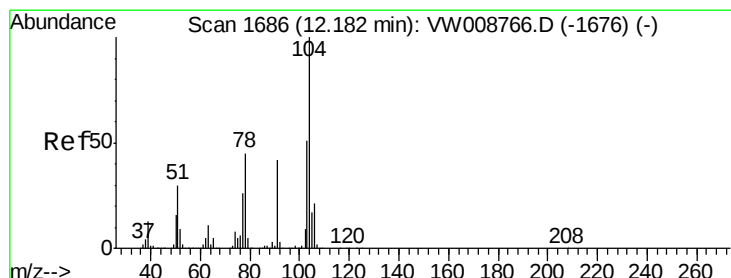
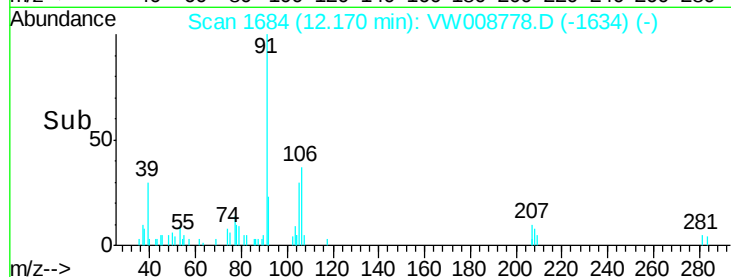
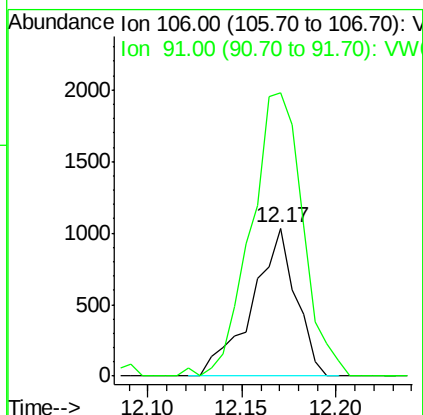
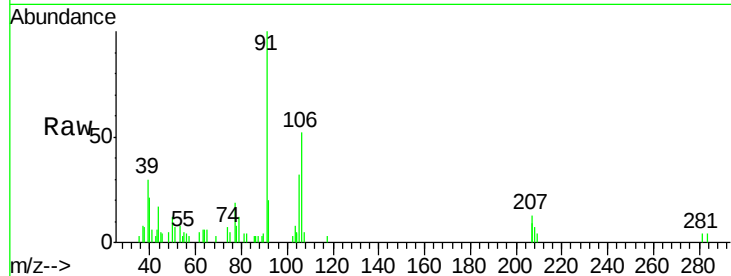




#69
o-Xylene
Concen: 0.234 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW008778.D
Acq: 21 Feb 2019 19:04

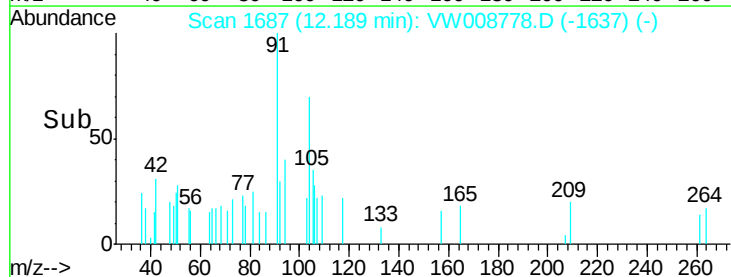
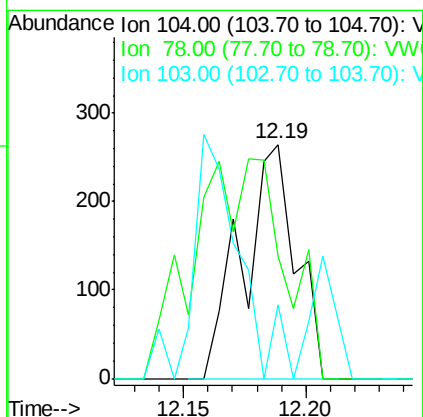
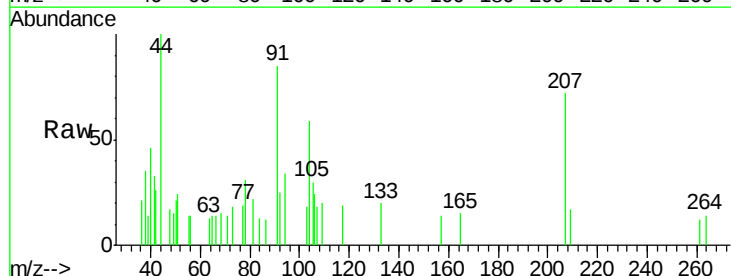
Instrument :
MSVOA_W
ClientSampled :
RBR-200036

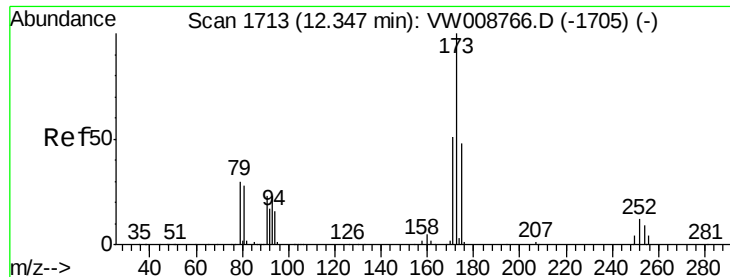
Tot Ion:106 Resp: 1665
Ion Ratio Lower Upper
106 100
91 227.4 106.2 318.6



#70
Styrene
Concen: 0.035 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW008778.D
Acq: 21 Feb 2019 19:04

Tgt Ion:104 Resp: 401
Ion Ratio Lower Upper
104 100
78 0.0 40.8 61.2#
103 24.4 44.2 66.2#





#71

Bromoform

Concen: 0.011 ug/l

RT: 12.10 min Scan# 1673

Delta R.T. -0.24 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampleId :

RBR-200036

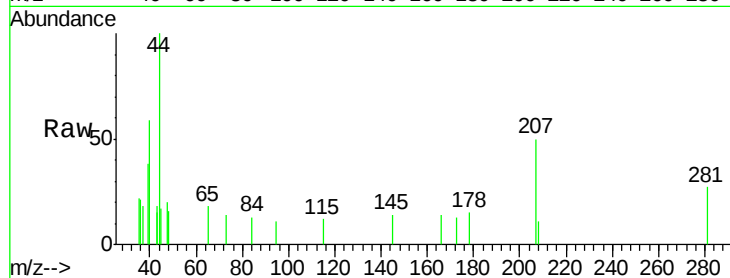
Tot Ion:173 Resp: 22

Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

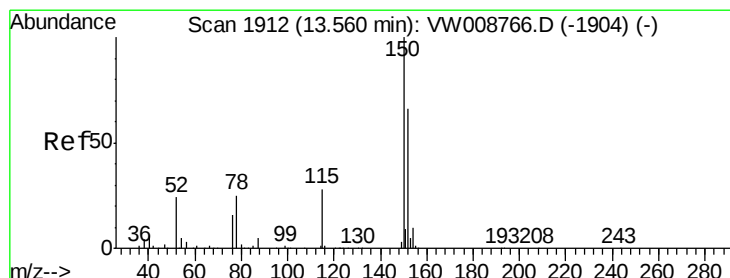
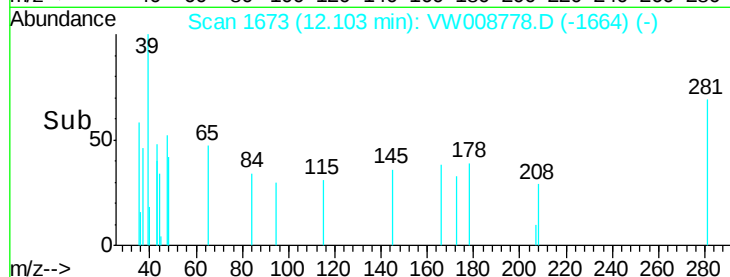
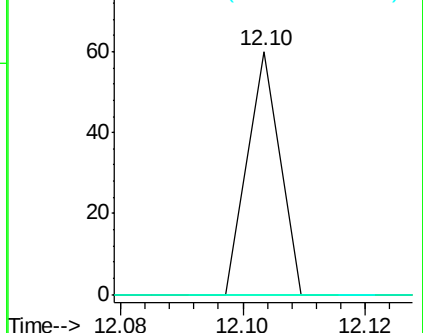
254 0.0 0.2 0.4#



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: VW008778.D

Acq: 21 Feb 2019 19:04

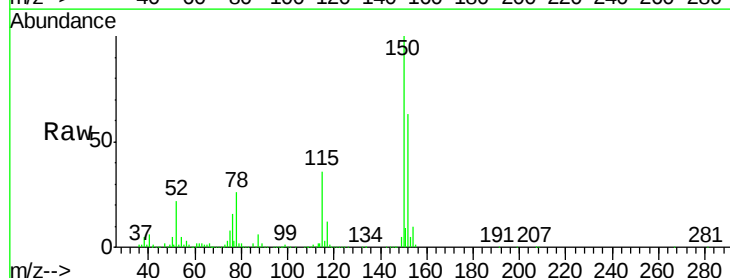
Tgt Ion:152 Resp: 239675

Ion Ratio Lower Upper

152 100

115 57.0 28.6 85.8

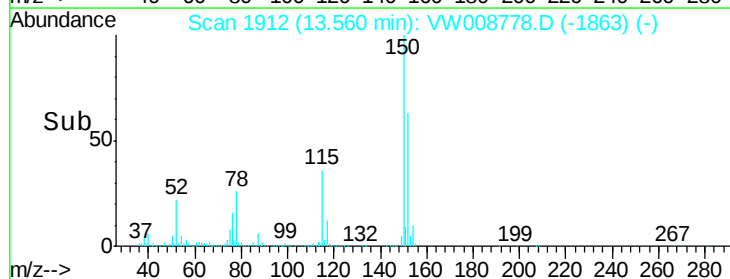
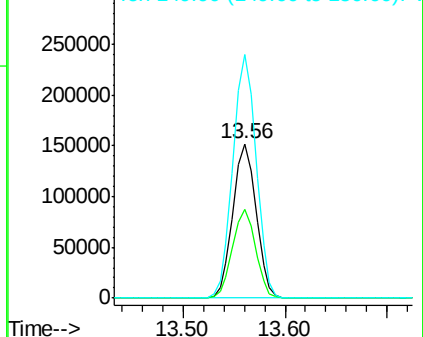
150 157.7 0.0 348.0

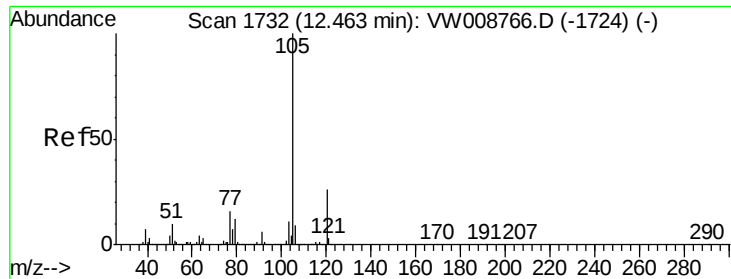


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.029 ug/l

RT: 12.46 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampleId :

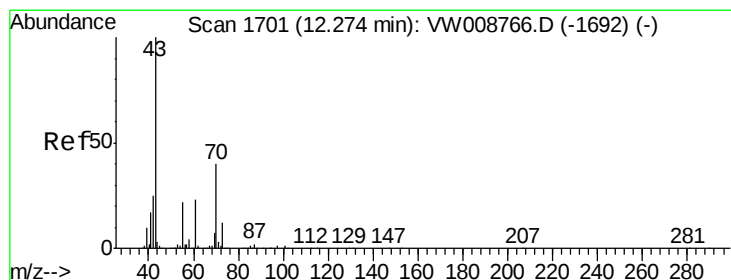
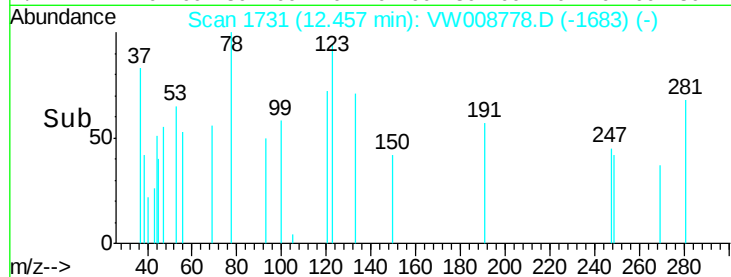
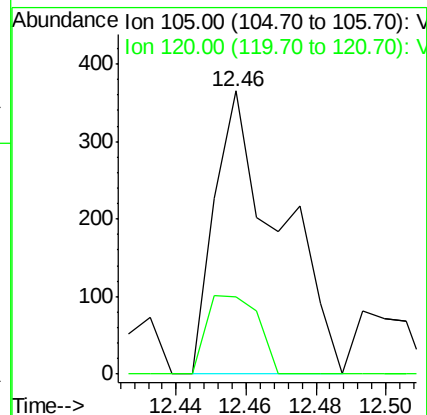
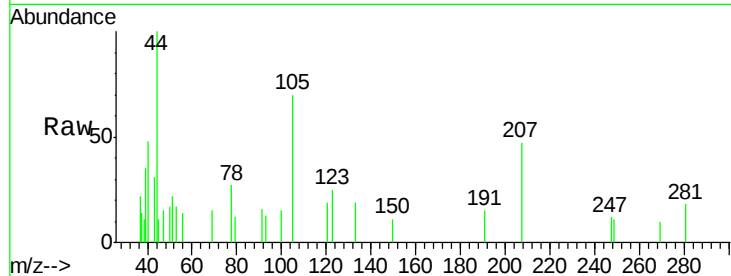
RBR-200036

Tot Ion: 105 Resp: 470

Ion Ratio Lower Upper

105 100

120 21.9 13.3 39.9



#74

N-ethyl acetate

Concen: 0.077 ug/l

RT: 12.24 min Scan# 1696

Delta R.T. -0.03 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Tgt Ion: 43 Resp: 319

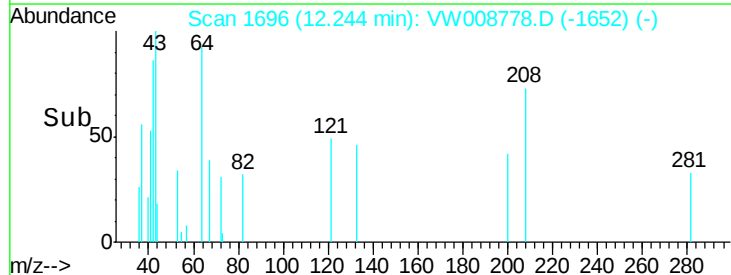
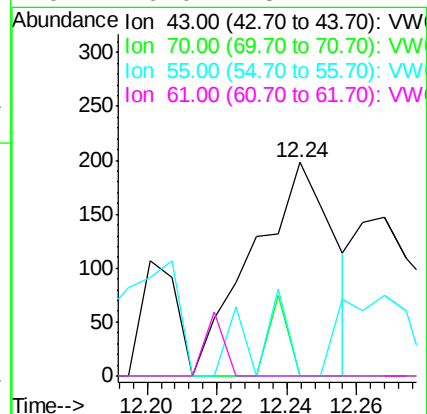
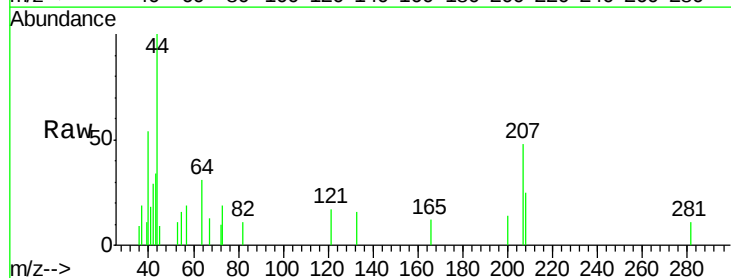
Ion Ratio Lower Upper

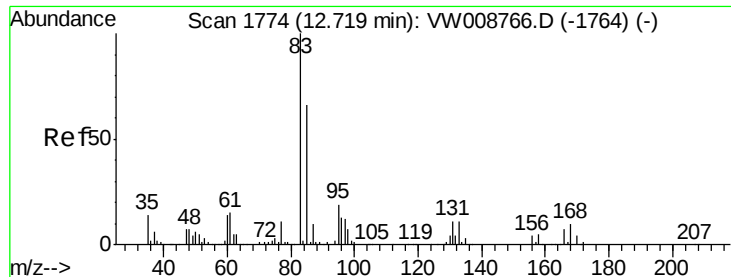
43 100

70 8.5 31.0 46.6#

55 0.0 18.7 28.1#

61 0.0 18.1 27.1#

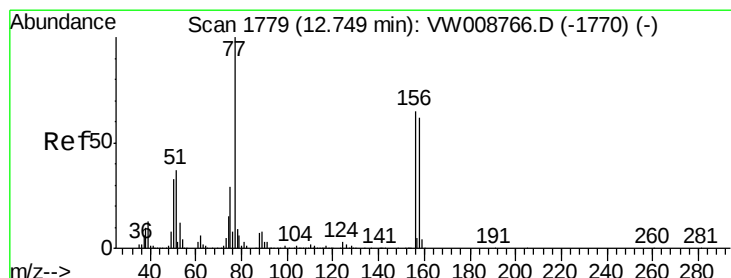
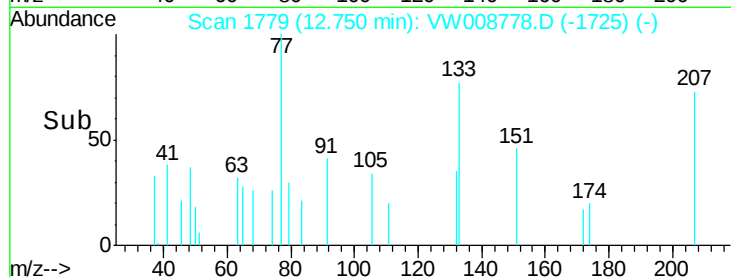
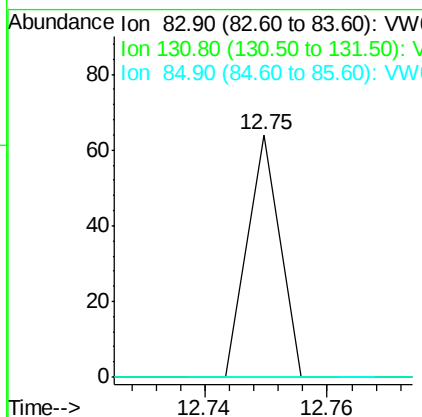
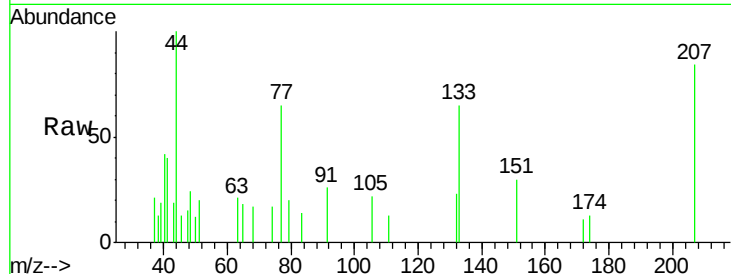




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.009 ug/l
 RT: 12.75 min Scan# 1779
 Delta R.T. 0.03 min
 Lab File: VW008778.D
 Acq: 21 Feb 2019 19:04

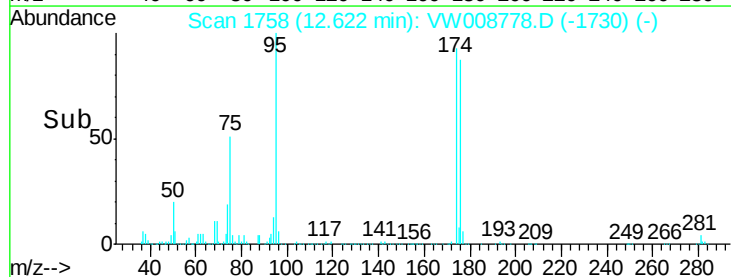
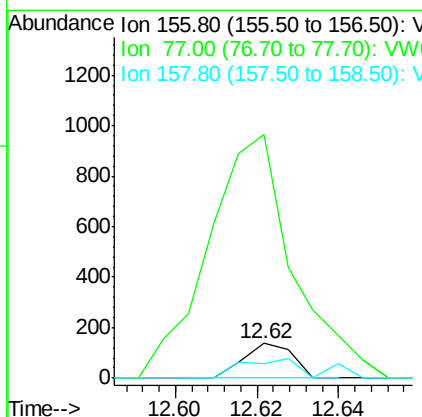
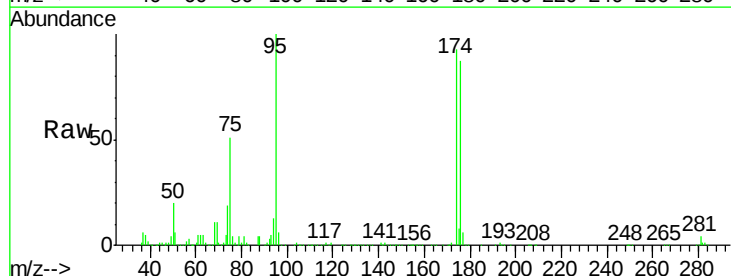
Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200036

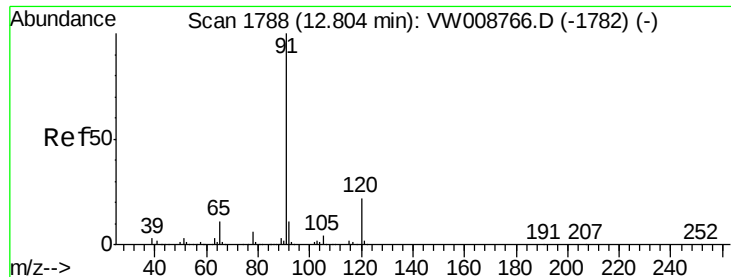
Tot Ion: 83 Resp: 23
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.7#
 85 0.0 33.0 98.9#



#77
 Bromobenzene
 Concen: 0.029 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.13 min
 Lab File: VW008778.D
 Acq: 21 Feb 2019 19:04

Tgt Ion: 156 Resp: 114
 Ion Ratio Lower Upper
 156 100
 77 1250.9 89.1 267.4#
 158 81.6 49.2 147.6





#78

n-propylbenzene

Concen: 0.062 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampleId :

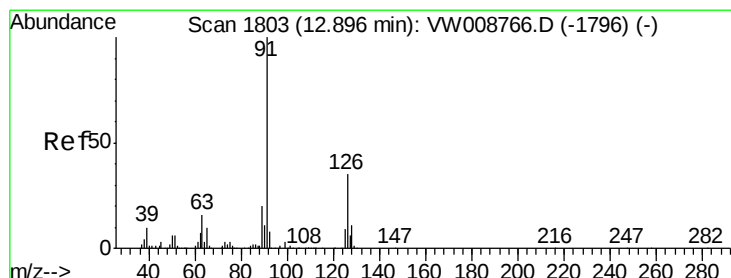
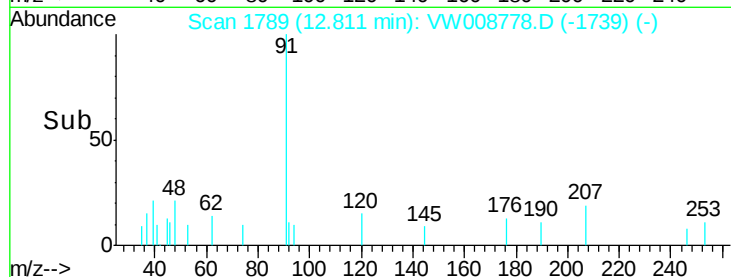
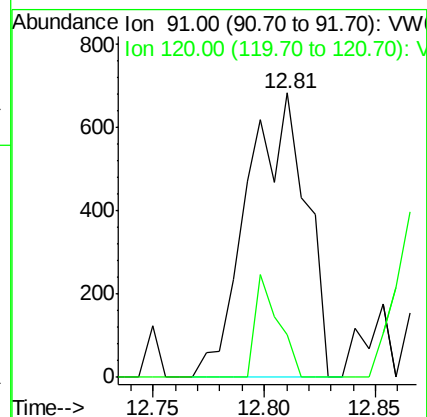
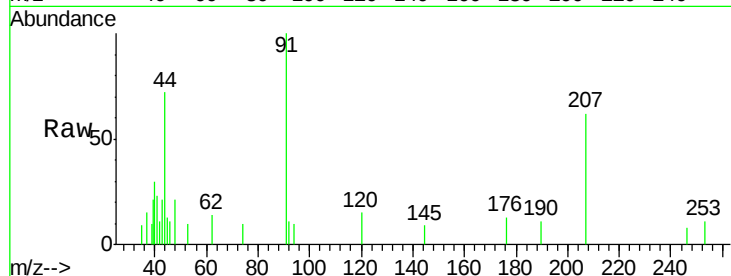
RBR-200036

Tot Ion: 91 Resp: 1246

Ion Ratio Lower Upper

91 100

120 14.3 11.5 34.4



#79

2-Chlorotoluene

Concen: 0.011 ug/l

RT: 12.85 min Scan# 1796

Delta R.T. -0.04 min

Lab File: VW008778.D

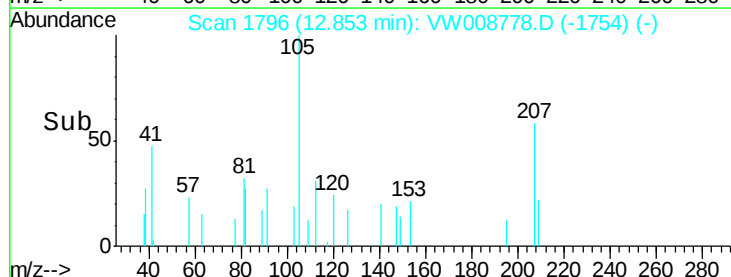
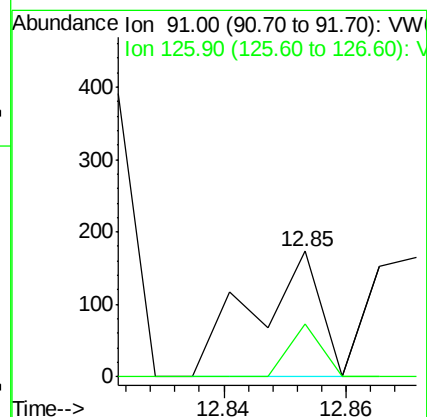
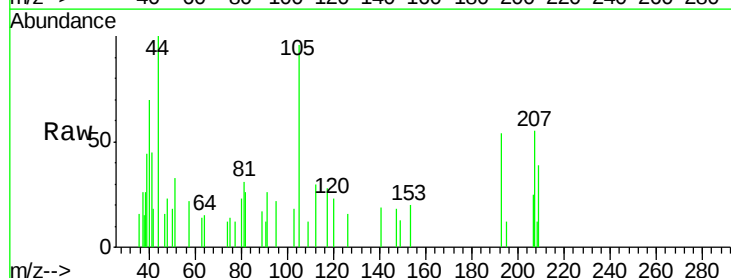
Acq: 21 Feb 2019 19:04

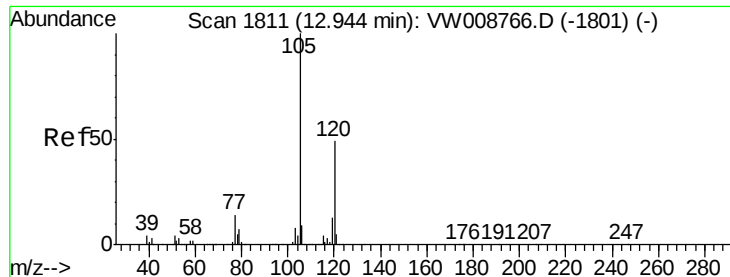
Tgt Ion: 91 Resp: 131

Ion Ratio Lower Upper

91 100

126 20.6 17.0 51.0

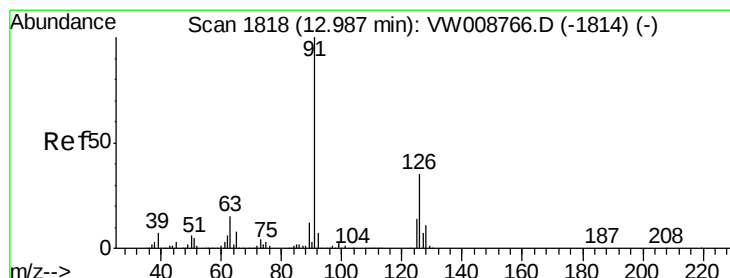
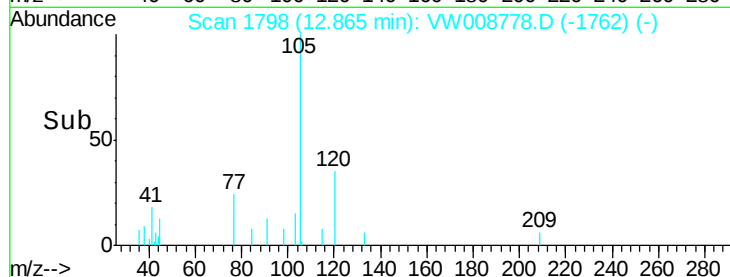
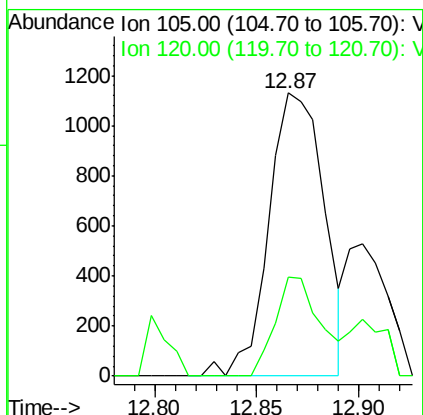
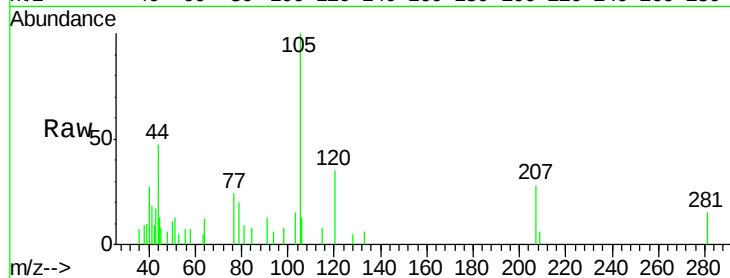




#80
 1,3,5-Trimethylbenzene
 Concen: 0.149 ug/l
 RT: 12.87 min Scan# 1798
 Delta R.T. -0.08 min
 Lab File: VW008778.D
 Acq: 21 Feb 2019 19:04

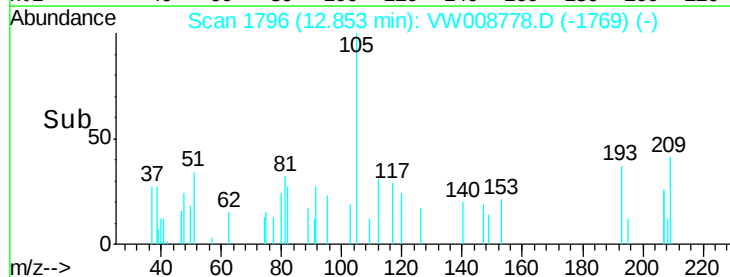
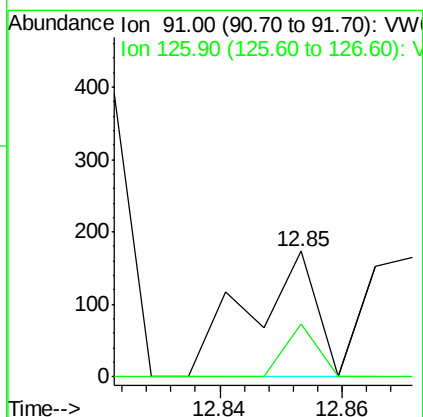
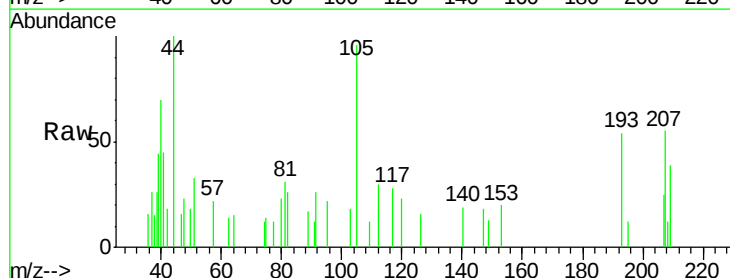
Instrument :
 MSVOA_W
 ClientSampled :
 RBR-200036

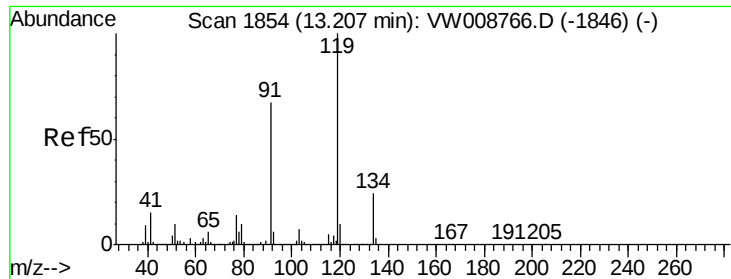
Tot Ion:105 Resp: 2134
 Ion Ratio Lower Upper
 105 100
 120 28.8 24.8 74.4



#82
 4-Chlorotoluene
 Concen: 0.011 ug/l
 RT: 12.85 min Scan# 1796
 Delta R.T. -0.13 min
 Lab File: VW008778.D
 Acq: 21 Feb 2019 19:04

Tgt Ion: 91 Resp: 131
 Ion Ratio Lower Upper
 91 100
 126 20.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 0.009 ug/l

RT: 13.20 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampled :

RBR-200036

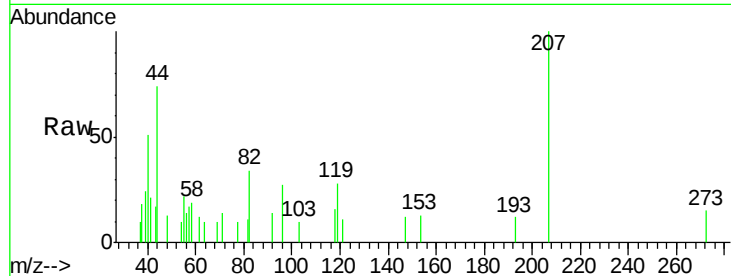
Tot Ion:119 Resp: 114

Ion Ratio Lower Upper

119 100

91 62.3 33.6 100.8

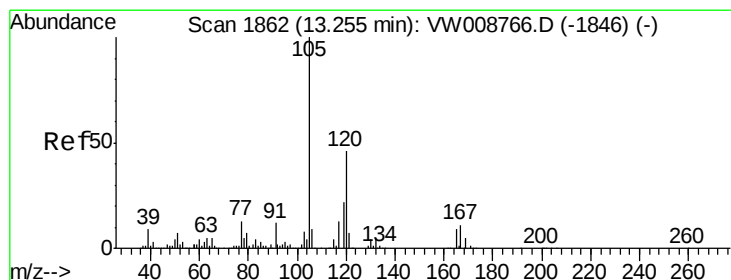
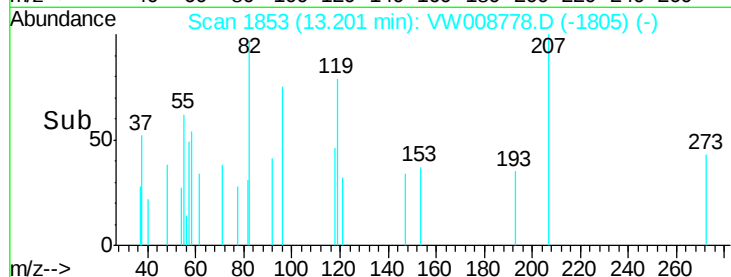
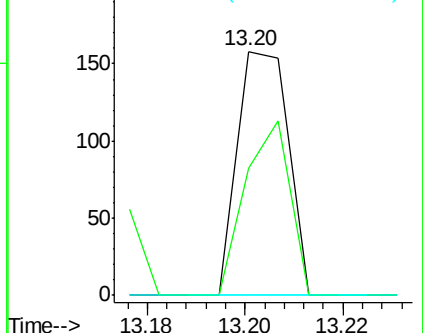
134 0.0 13.7 41.1#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.078 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.01 min

Lab File: VW008778.D

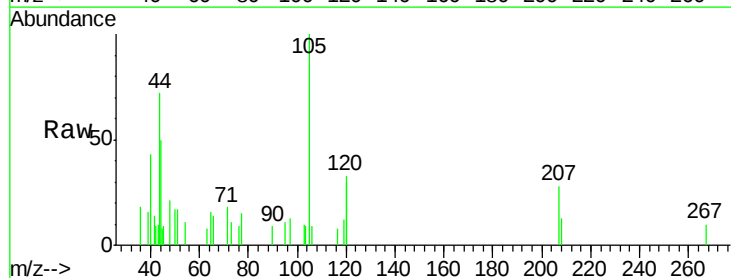
Acq: 21 Feb 2019 19:04

Tgt Ion:105 Resp: 1150

Ion Ratio Lower Upper

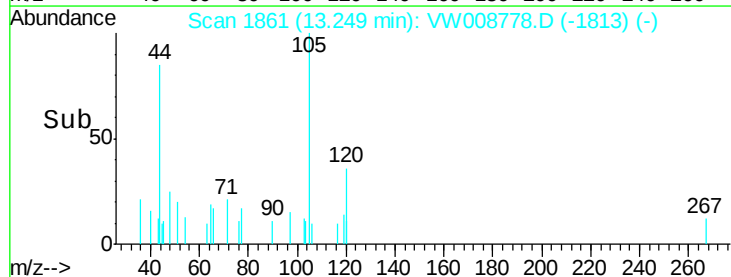
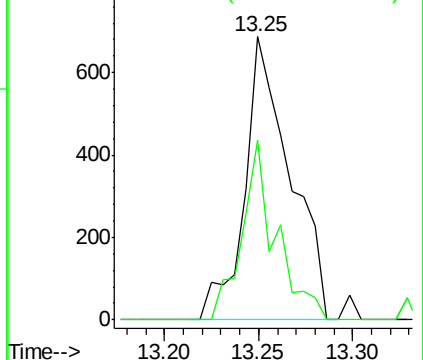
105 100

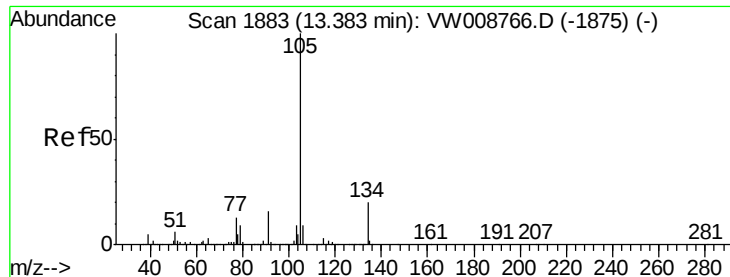
120 47.0 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.033 ug/l

RT: 13.60 min Scan# 1918

Delta R.T. 0.21 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampled :

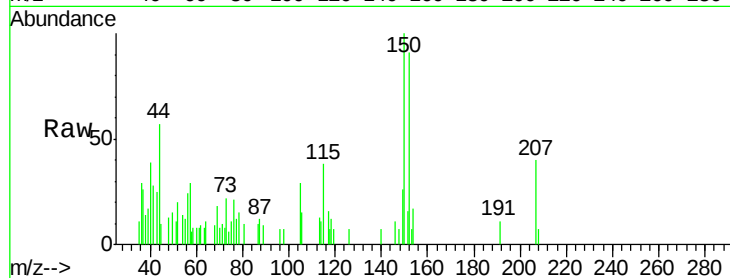
RBR-200036

Tot Ion:105 Resp: 590

Ion Ratio Lower Upper

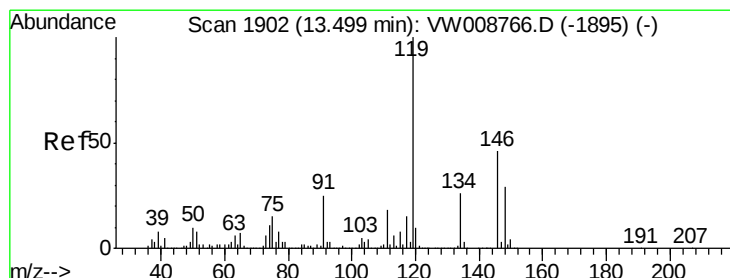
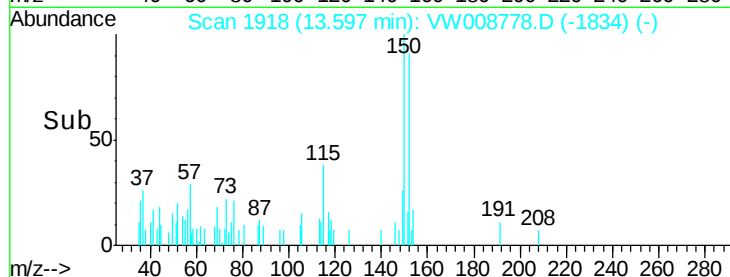
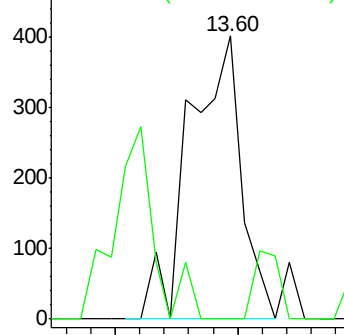
105 100

134 11.5 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.024 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.01 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

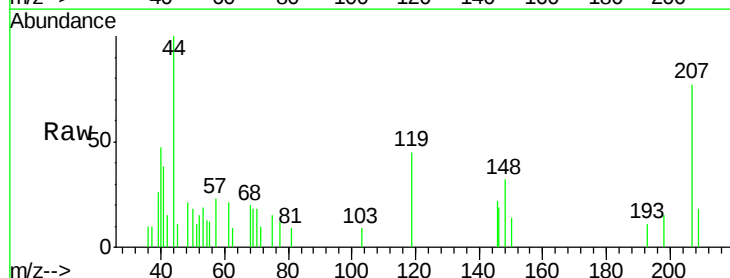
Tgt Ion:119 Resp: 392

Ion Ratio Lower Upper

119 100

134 25.3 13.1 39.3

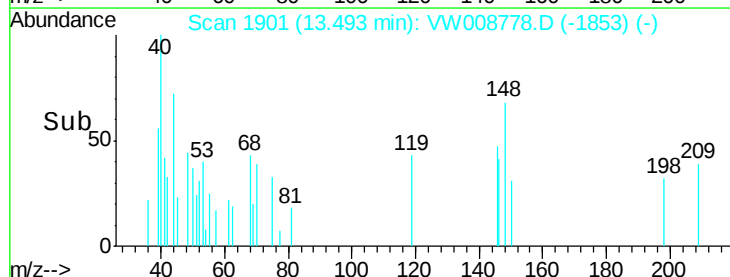
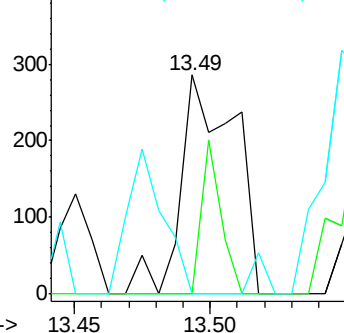
91 0.0 12.1 36.3#

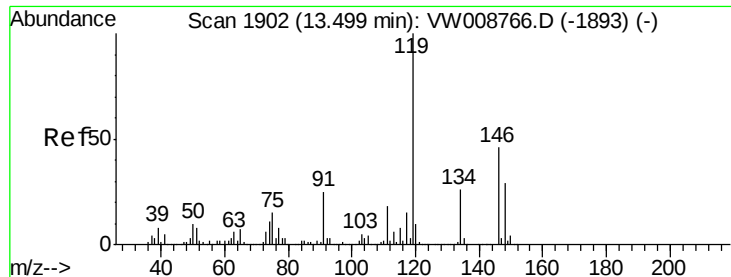


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

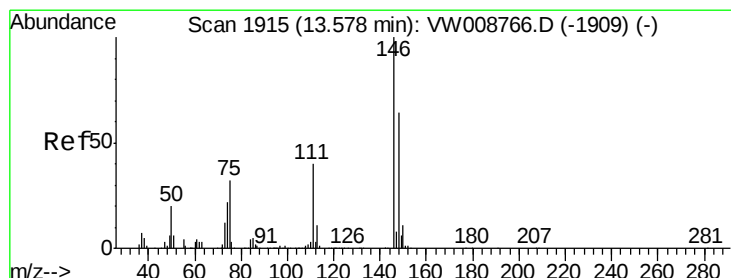
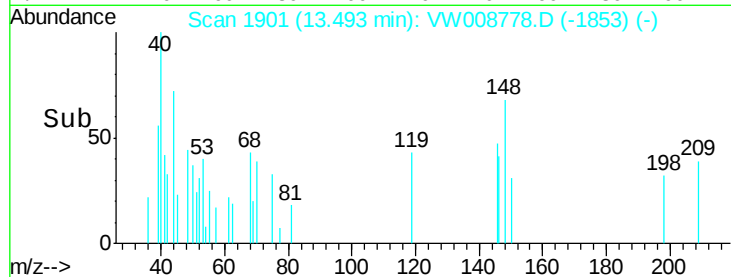
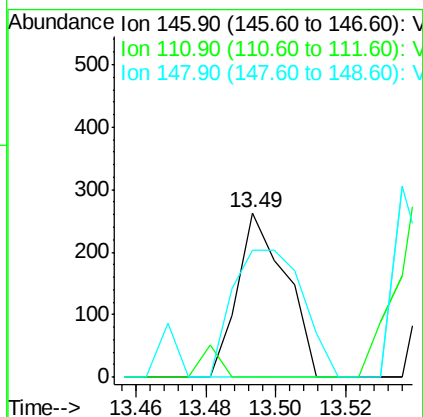
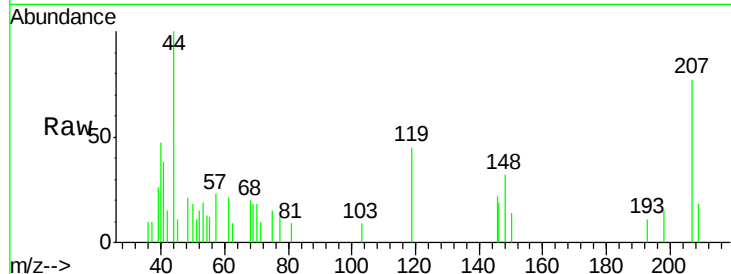




#87
 1,3-Dichlorobenzene
 Concen: 0.032 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW008778.D
 Acq: 21 Feb 2019 19:04

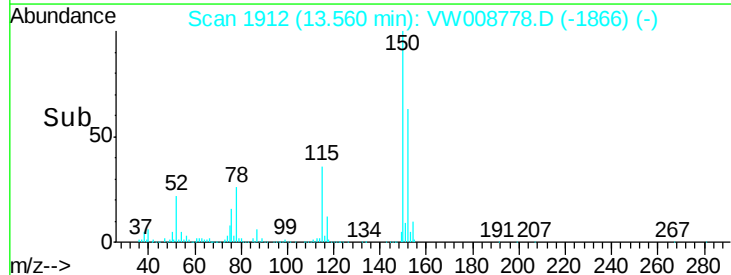
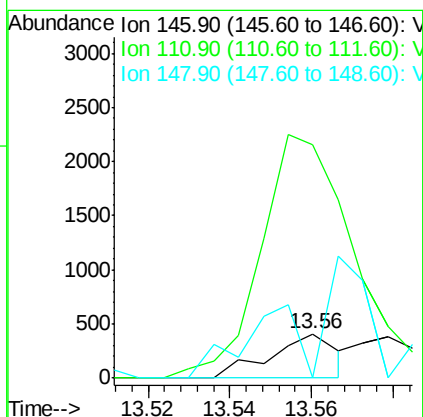
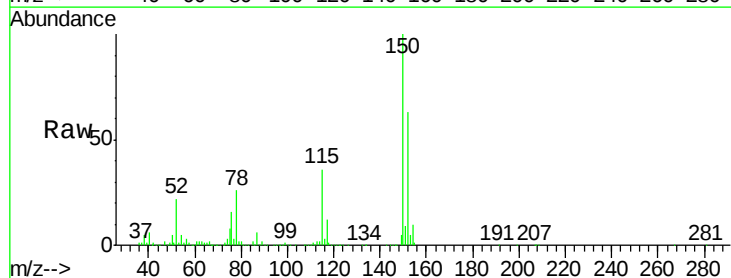
Instrument :
 MSVOA_W
 ClientSampled :
 RBR-200036

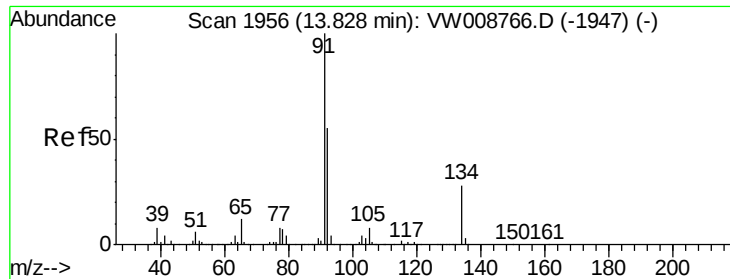
Tot Ion:146 Resp: 255
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.9 59.7#
 148 113.3 31.6 94.8#



#88
 1,4-Dichlorobenzene
 Concen: 0.058 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.02 min
 Lab File: VW008778.D
 Acq: 21 Feb 2019 19:04

Tgt Ion:146 Resp: 461
 Ion Ratio Lower Upper
 146 100
 111 775.5 19.3 57.9#
 148 337.1 31.9 95.9#

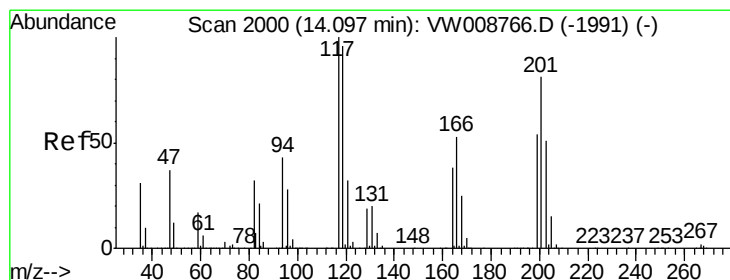
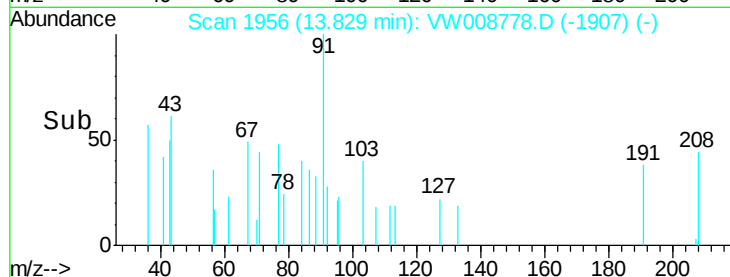
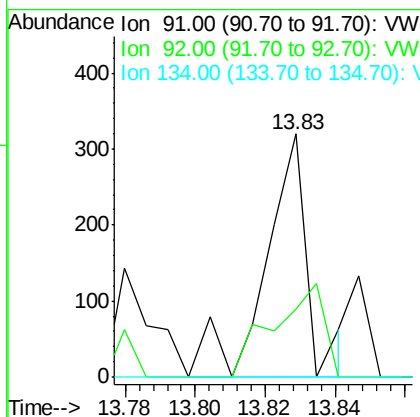
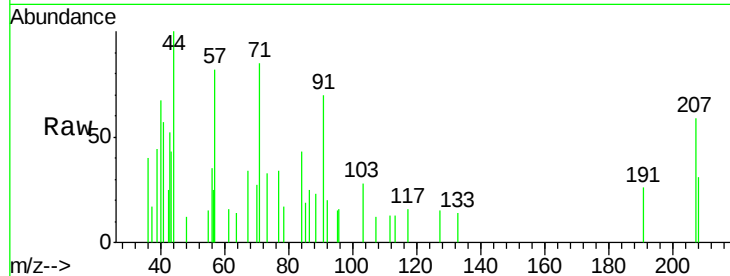




#89
n-Butylbenzene
Concen: 0.018 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008778.D
Acq: 21 Feb 2019 19:04

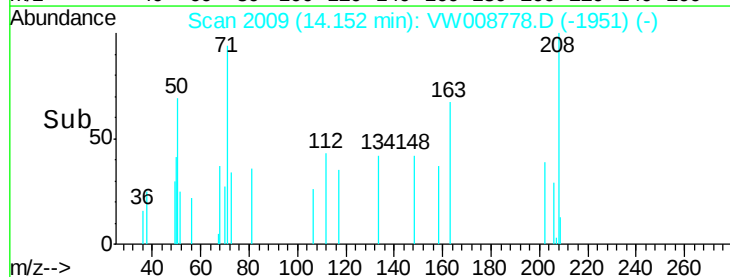
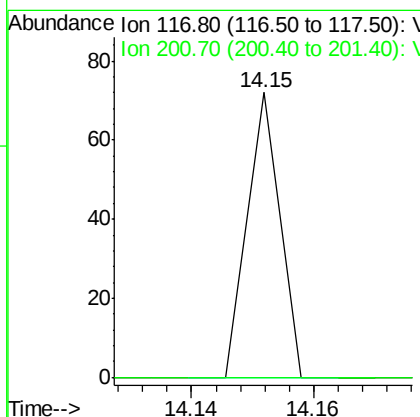
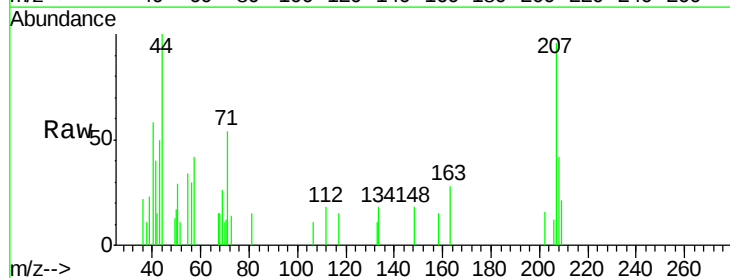
Instrument :
MSVOA_W
ClientSampled :
RBR-200036

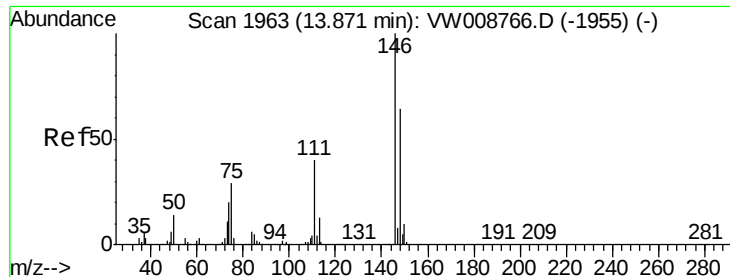
Tot Ion: 91 Resp: 268
Ion Ratio Lower Upper
91 100
92 46.6 26.8 80.4
134 0.0 13.5 40.4#



#90
Hexachloroethane
Concen: 0.010 ug/l
RT: 14.15 min Scan# 2009
Delta R.T. 0.06 min
Lab File: VW008778.D
Acq: 21 Feb 2019 19:04

Tgt Ion: 117 Resp: 26
Ion Ratio Lower Upper
117 100
201 0.0 40.3 120.8#





#91

1,2-Dichlorobenzene

Concen: 0.020 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.01 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampled :

RBR-200036

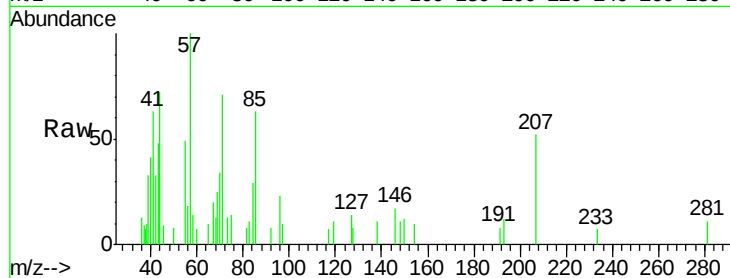
Tot Ion:146 Resp: 141

Ion Ratio Lower Upper

146 100

111 0.0 20.3 60.8#

148 135.5 32.5 97.5#



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

150

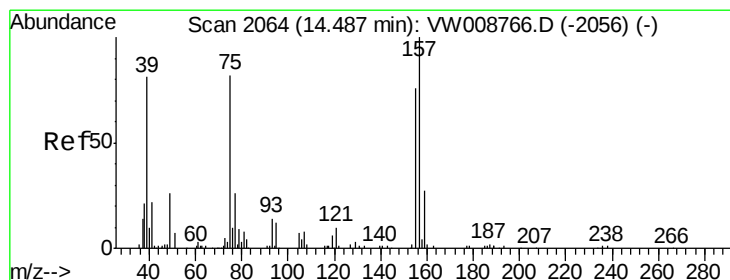
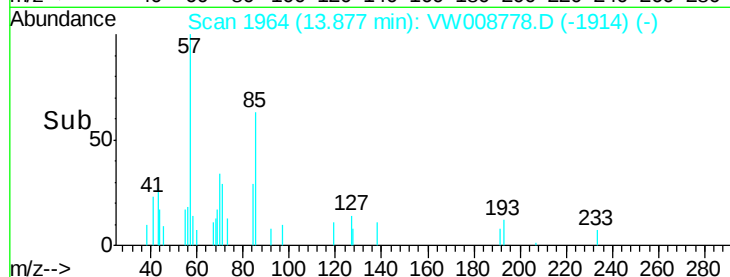
100

50

0

13.84 13.86 13.88 13.90

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.156 ug/l

RT: 14.53 min Scan# 2071

Delta R.T. 0.04 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

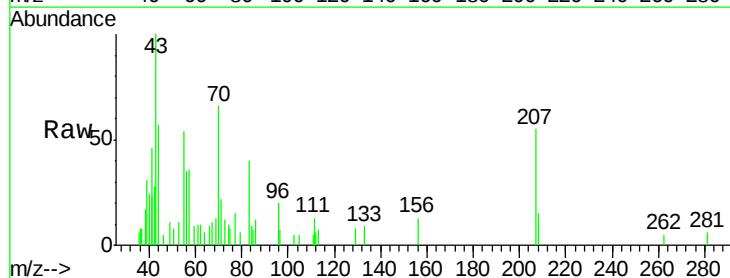
Tgt Ion: 75 Resp: 76

Ion Ratio Lower Upper

75 100

155 0.0 41.8 125.4#

157 0.0 56.6 169.9#



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

100

80

60

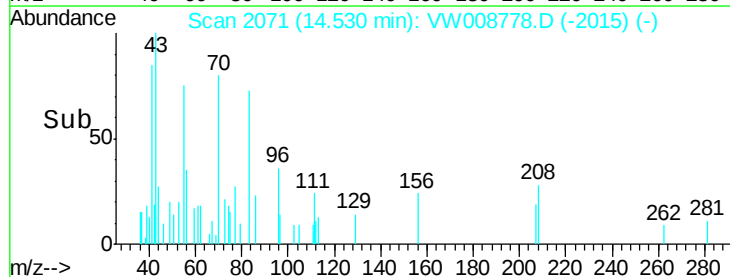
40

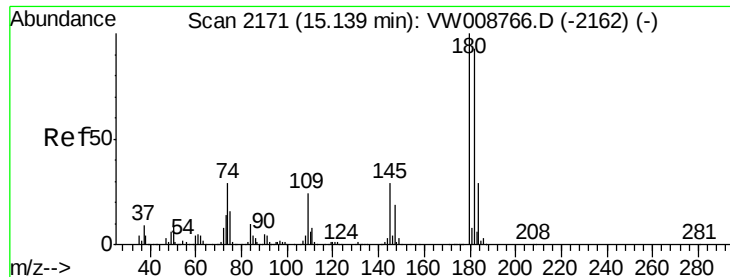
20

0

14.50 14.52 14.54

Time-->

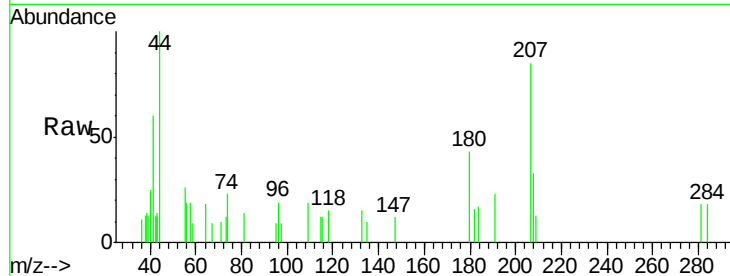




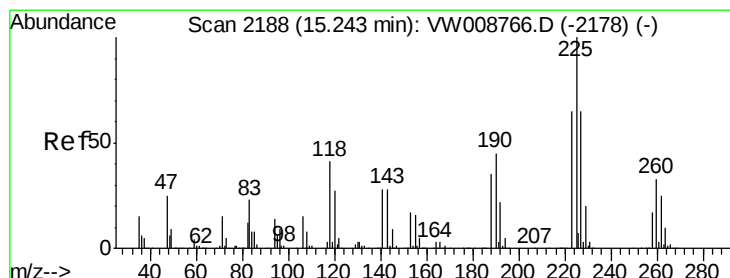
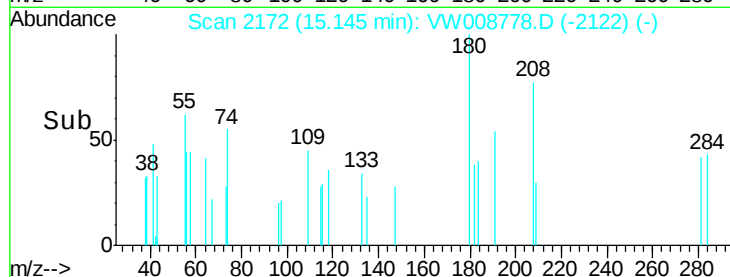
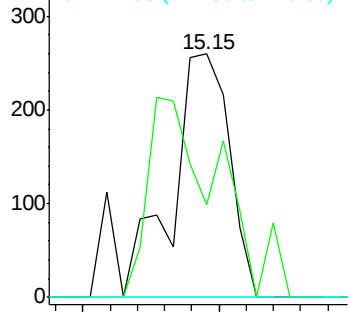
#93
 1,2,4-Trichlorobenzene
 Concen: 0.073 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW008778.D
 Acq: 21 Feb 2019 19:04

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200036

Tot Ion:180 Resp: 378
 Ion Ratio Lower Upper
 180 100
 182 102.4 47.2 141.6
 145 0.0 14.4 43.0#

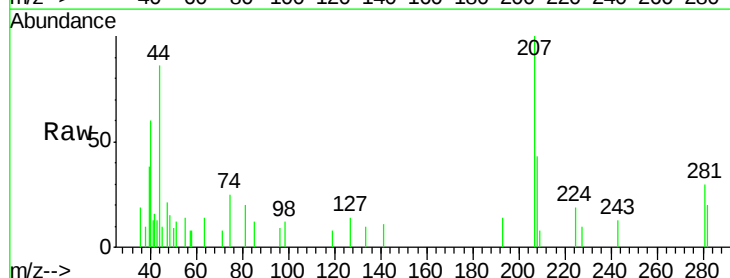


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

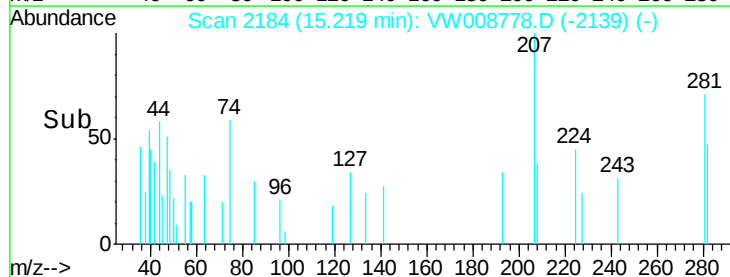
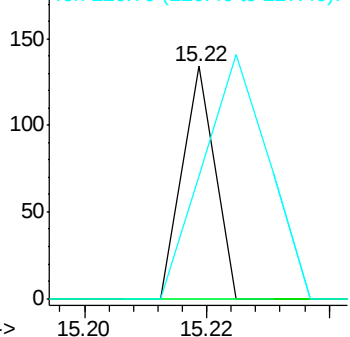


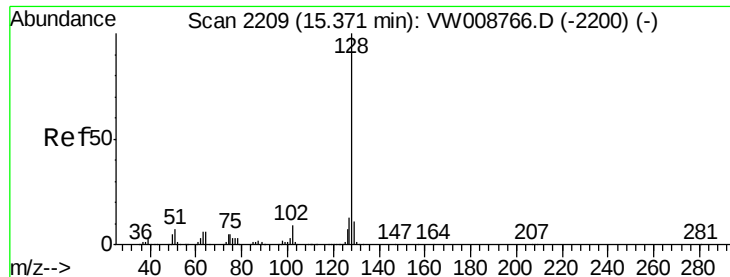
#94
 Hexachlorobutadiene
 Concen: 0.016 ug/l
 RT: 15.22 min Scan# 2184
 Delta R.T. -0.02 min
 Lab File: VW008778.D
 Acq: 21 Feb 2019 19:04

Tgt Ion:225 Resp: 49
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.5 94.5#
 227 212.2 31.6 94.8#



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 0.233 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampled :

RBR-200036

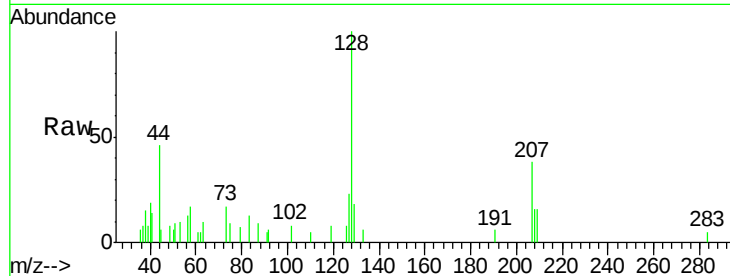
Tot Ion:128 Resp: 2048

Ion Ratio Lower Upper

128 100

127 19.6 10.8 16.2#

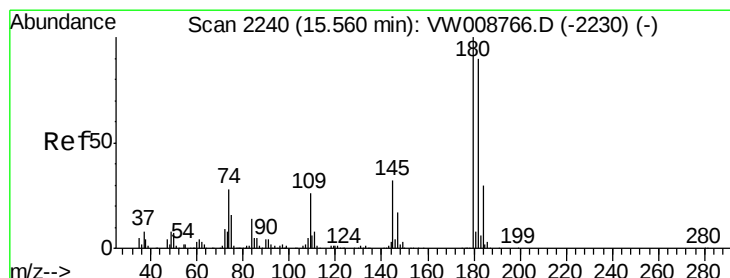
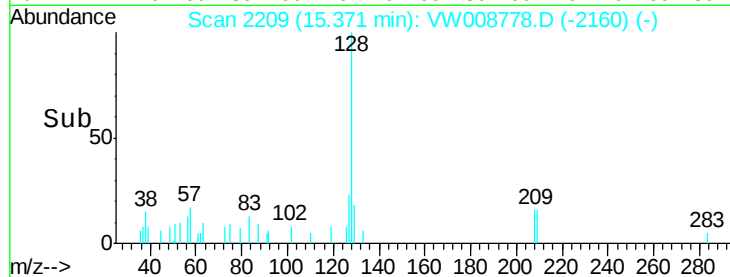
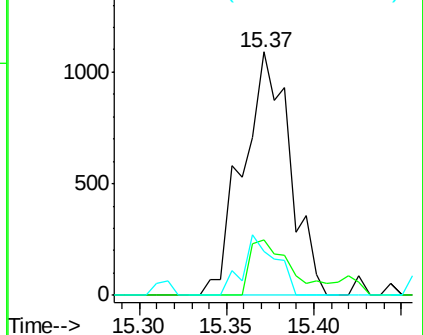
129 17.1 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.033 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. 0.01 min

Lab File: VW008778.D

Acq: 21 Feb 2019 19:04

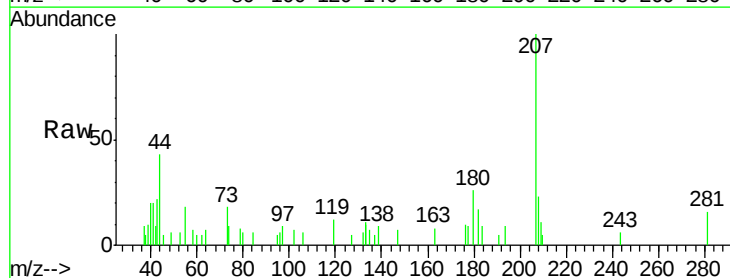
Tgt Ion:180 Resp: 146

Ion Ratio Lower Upper

180 100

182 63.7 46.9 140.8

145 39.0 15.9 47.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

