

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
 Data File : VW008780.D
 Acq On : 21 Feb 2019 19:57
 Operator : SY/VA
 Sample : K1546-07
 Misc : 5.41G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200030

Quant Time: Feb 22 00:49:41 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	8.03	168	35	50.00	ug/l	0.08
34) 1,4-Difluorobenzene	9.07	114	57	50.00	ug/l	0.23
63) Chlorobenzene-d5	12.00	117	19	50.00	ug/l	0.37
72) 1,4-Dichlorobenzene-d4	13.60	152	48	50.00	ug/l	0.04

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.35	65	57	173.64	ug/l	0.05
Spiked Amount	50.000		Recovery	=	347.28%	
35) Dibromofluoromethane	7.91	113	46	134.41	ug/l	0.03
Spiked Amount	50.000		Recovery	=	268.82%	
50) Toluene-d8	10.74	98	58	43.90	ug/l	0.42
Spiked Amount	50.000		Recovery	=	87.80%	
62) 4-Bromofluorobenzene	12.90	95	75	144.99	ug/l	0.28
Spiked Amount	50.000		Recovery	=	289.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.96	85	40	114.106	ug/l #	42
3) Chloromethane	2.26	50	104	243.721	ug/l #	42
4) Vinyl Chloride	2.37	62	50	110.669	ug/l #	1
5) Bromomethane	2.99	94	75	223.497	ug/l	83
6) Chloroethane	2.92	64	258	804.186	ug/l #	43
8) Diethyl Ether	3.82	74	25	138.195	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	4.07	101	24	69.165	ug/l #	16
10) Methyl Iodide	4.26	142	31	71.443	ug/l #	40
11) Tert butyl alcohol	5.21	59	31	1060.748	ug/l #	70
12) 1,1-Dichloroethene	4.09	96	25	81.580	ug/l #	1
13) Acrolein	3.93	56	210	6293.292	ug/l #	45
14) Allyl chloride	4.71	41	139	262.809	ug/l #	66
15) Acrylonitrile	5.44	53	48	618.255	ug/l #	72
16) Acetone	4.17	43	300	3942.703	ug/l #	45
17) Carbon Disulfide	4.49	76	25	24.588	ug/l #	73
18) Methyl Acetate	4.71	43	203	1124.794	ug/l #	51
19) Methyl tert-butyl Ether	5.46	73	59	71.131	ug/l #	55
20) Methylene Chloride	4.96	84	91	264.718	ug/l #	3
21) trans-1,2-Dichloroethene	5.48	96	54	152.336	ug/l #	1
22) Diisopropyl ether	6.35	45	134	127.006	ug/l #	48
23) Vinyl Acetate	6.33	43	81	124.256	ug/l #	73
24) 1,1-Dichloroethane	6.28	63	34	55.611	ug/l #	82
25) 2-Butanone	7.23	43	94	883.635	ug/l #	1
26) 2,2-Dichloropropane	7.14	77	87	156.739	ug/l #	54
27) cis-1,2-Dichloroethene	7.24	96	20	52.745	ug/l #	1
28) Bromochloromethane	7.56	49	53	207.157	ug/l #	11
29) Tetrahydrofuran	7.60	42	109	1607.856	ug/l #	35
30) Chloroform	7.76	83	21	33.482	ug/l #	17
31) Cyclohexane	8.04	56	176	284.391	ug/l #	54
32) 1,1,1-Trichloroethane	8.02	97	70	122.724	ug/l #	24
36) 1,1-Dichloropropene	8.29	75	23	41.452	ug/l #	1
37) Ethyl Acetate	7.43	43	128	496.082	ug/l #	70
38) Carbon Tetrachloride	8.27	117	24	41.015	ug/l #	12
39) Methylcyclohexane	9.59	83	63	91.029	ug/l #	18

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.48	78	25	16.502	ug/l #	51
41) Methacrylonitrile	7.69	41	134	883.513	ug/l #	57
42) 1,2-Dichloroethane	8.55	62	75	156.283	ug/l #	75
43) Isopropyl Acetate	8.64	43	213	413.621	ug/l #	52
44) Trichloroethene	9.31	130	38	89.041	ug/l #	3
45) 1,2-Dichloropropane	9.69	63	37	98.835	ug/l #	53
46) Dibromomethane	9.50	93	72	345.764	ug/l #	1
47) Bromodichloromethane	9.84	83	49	96.716	ug/l #	24
48) Methyl methacrylate	9.67	41	44	178.400	ug/l #	1
49) 1,4-Dioxane	9.57	88	70	20991.474	ug/l #	26
51) 4-Methyl-2-Pentanone	10.48	43	27	103.272	ug/l #	38
52) Toluene	10.65	92	57	55.439	ug/l #	1
53) t-1,3-Dichloropropene	10.93	75	53	102.634	ug/l #	42
54) cis-1,3-Dichloropropene	10.38	75	44	74.708	ug/l #	1
55) 1,1,2-Trichloroethane	11.01	97	95	336.403	ug/l #	16
56) Ethyl methacrylate	10.89	69	22	59.962	ug/l #	1
57) 1,3-Dichloropropane	11.19	76	56	112.313	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.12	63	58	314.314	ug/l #	45
59) 2-Hexanone	11.25	43	155	832.850	ug/l #	83
60) Dibromochloromethane	11.56	129	31	89.998	ug/l #	10
61) 1,2-Dibromoethane	11.41	107	46	164.561	ug/l #	2
64) Tetrachloroethene	10.85	164	34	249.991	ug/l #	1
67) Ethyl Benzene	11.72	91	74	103.613	ug/l #	43
68) m/p-Xylenes	11.83	106	39	136.670	ug/l #	1
69) o-Xylene	11.91	106	21	78.405	ug/l #	1
70) Styrene	12.21	104	29	67.299	ug/l #	25
71) Bromoform	12.29	173	21	289.205	ug/l #	28
73) Isopropylbenzene	12.55	105	22	6.686	ug/l #	48
74) N-amyl acetate	12.32	43	71	85.658	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.73	83	19	35.338	ug/l #	1
76) 1,2,3-Trichloropropane	12.65	75	40	100.933	ug/l #	100
77) Bromobenzene	12.86	156	28	36.008	ug/l #	1
78) n-propylbenzene	12.82	91	71	17.639	ug/l #	53
79) 2-Chlorotoluene	12.90	91	25	10.939	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.03	105	27	9.442	ug/l #	28
81) trans-1,4-Dichloro-2-buten	12.65	75	40	245.375	ug/l #	6
82) 4-Chlorotoluene	13.04	91	62	25.745	ug/l #	40
83) tert-Butylbenzene	13.32	119	32	12.942	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.24	105	25	8.446	ug/l #	31
85) sec-Butylbenzene	13.52	105	83	23.345	ug/l #	56
86) p-Isopropyltoluene	13.52	119	35	10.739	ug/l #	50
87) 1,3-Dichlorobenzene	13.44	146	26	16.116	ug/l #	25
88) 1,4-Dichlorobenzene	13.44	146	26	16.351	ug/l #	25
89) n-Butylbenzene	13.80	91	59	19.322	ug/l #	33
90) Hexachloroethane	14.17	117	42	78.716	ug/l #	9
91) 1,2-Dichlorobenzene	14.11	146	37	25.739	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	14.43	75	45	462.669	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.01	180	23	22.206	ug/l #	13
94) Hexachlorobutadiene	15.32	225	52	85.232	ug/l #	19
95) Naphthalene	15.20	128	23	13.042	ug/l #	69

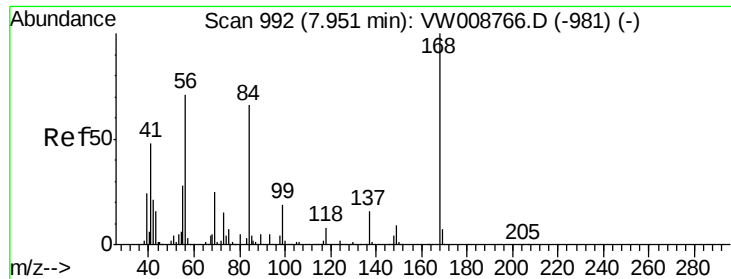
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.51	180	48	53.599	ug/l #	13

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.03 min Scan# 1005

Delta R.T. 0.08 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

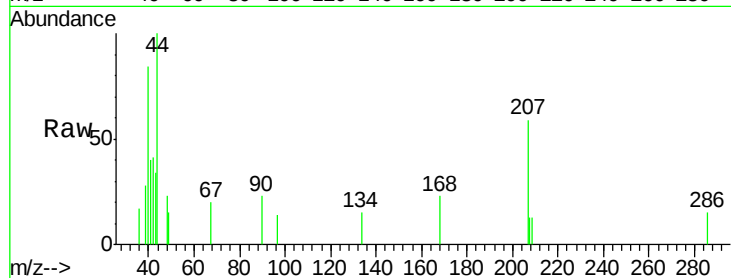
RBR-200030

Tot Ion:168 Resp: 35

Ion Ratio Lower Upper

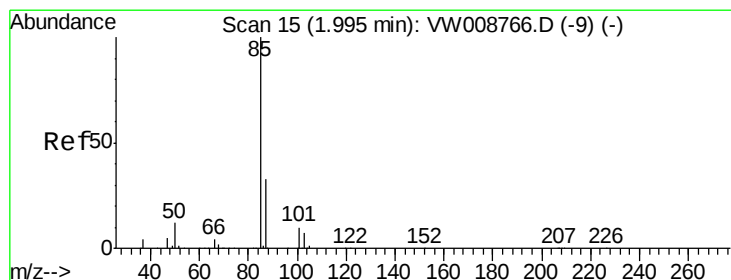
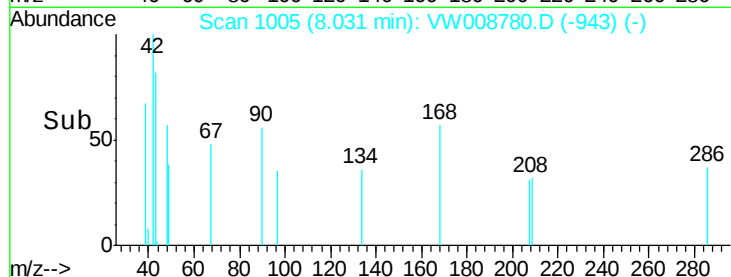
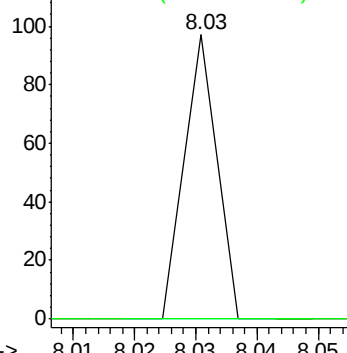
168 100

99 0.0 42.2 63.2#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 114.106 ug/l

RT: 1.96 min Scan# 10

Delta R.T. -0.03 min

Lab File: VW008780.D

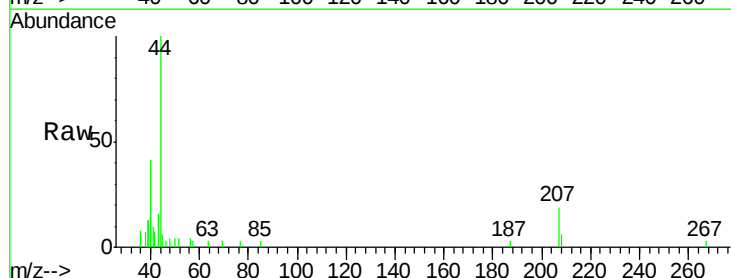
Acq: 21 Feb 2019 19:57

Tgt Ion: 85 Resp: 40

Ion Ratio Lower Upper

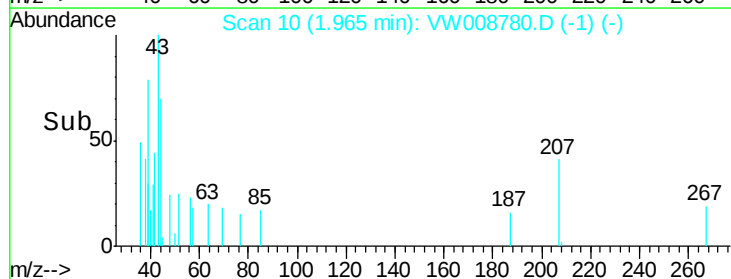
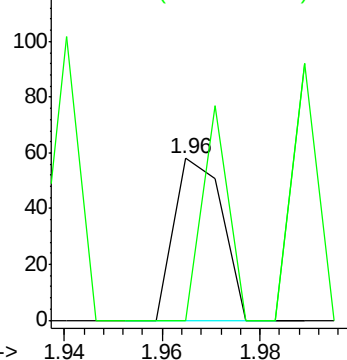
85 100

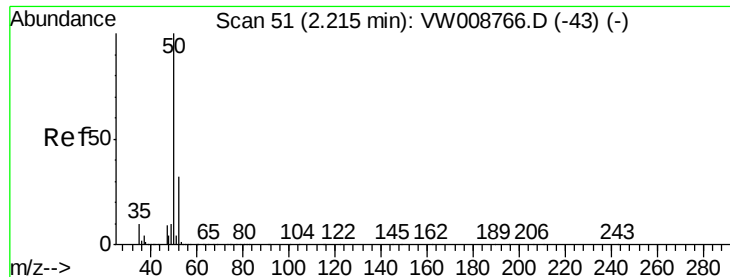
87 0.0 16.4 49.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 243.721 ug/l

RT: 2.26 min Scan# 59

Delta R.T. 0.05 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampled :

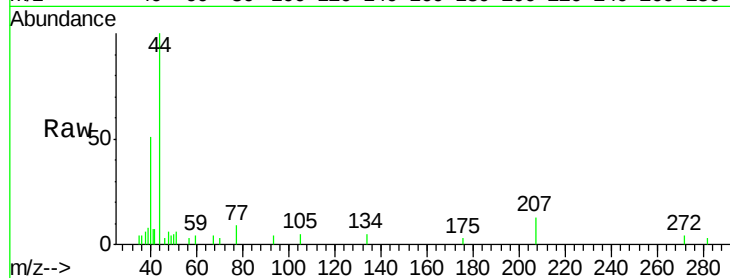
RBR-200030

Tot Ion: 50 Resp: 104

Ion Ratio Lower Upper

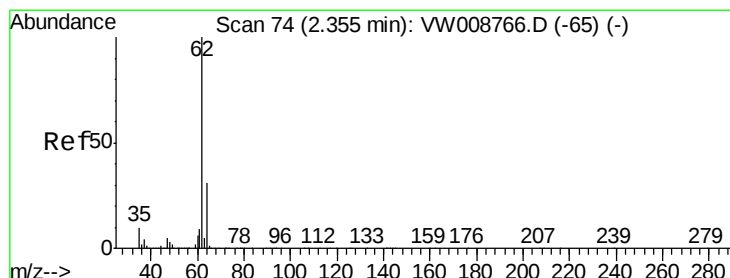
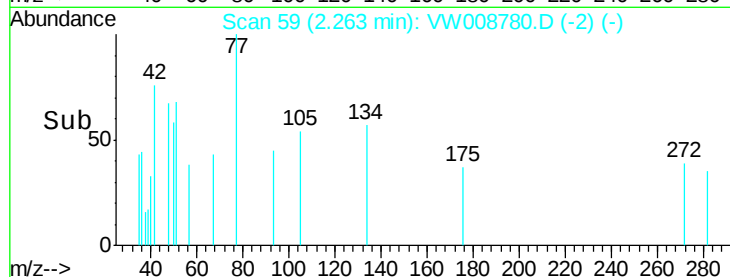
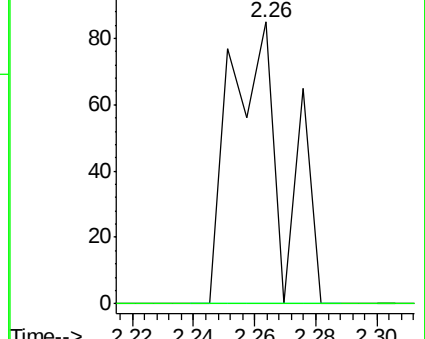
50 100

52 0.0 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 110.669 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.02 min

Lab File: VW008780.D

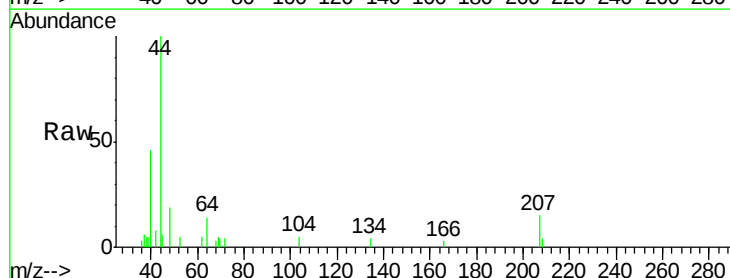
Acq: 21 Feb 2019 19:57

Tgt Ion: 62 Resp: 50

Ion Ratio Lower Upper

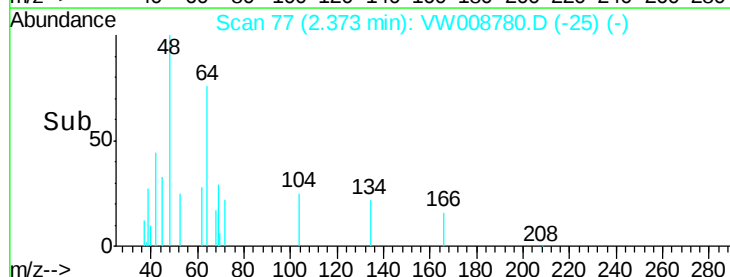
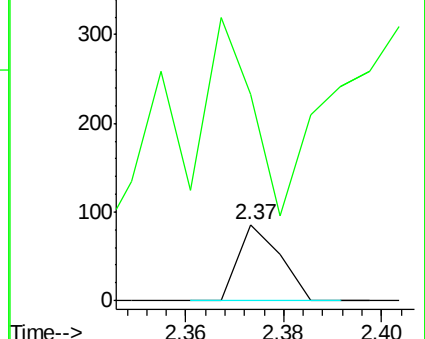
62 100

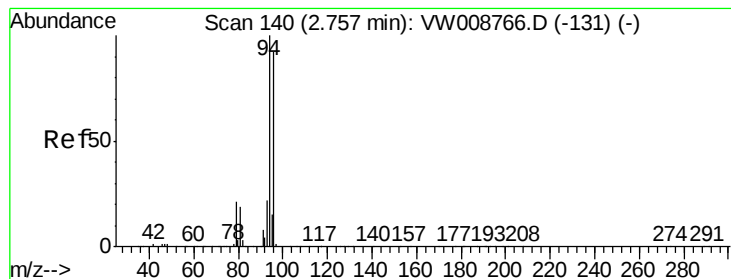
64 126.7 24.9 37.3#



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 223.497 ug/l

RT: 2.99 min Scan# 178

Delta R.T. 0.23 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampled :

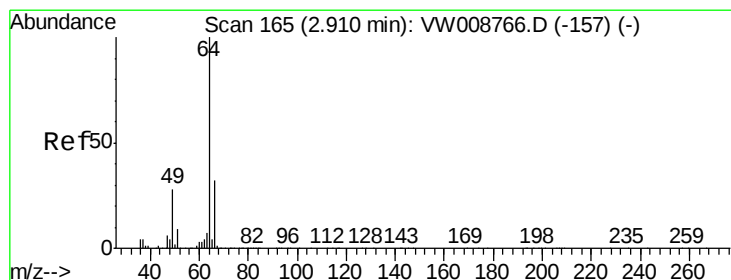
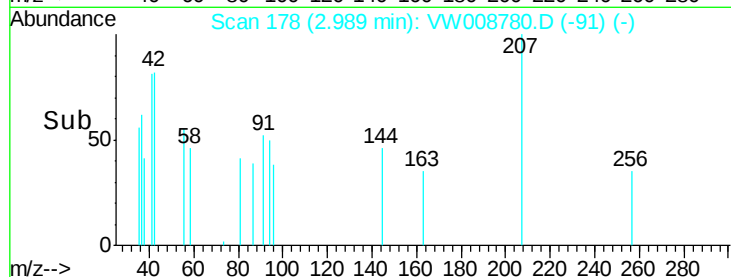
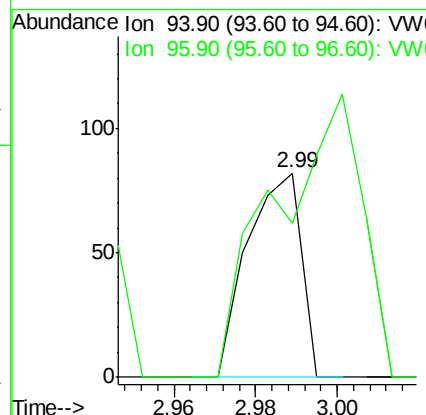
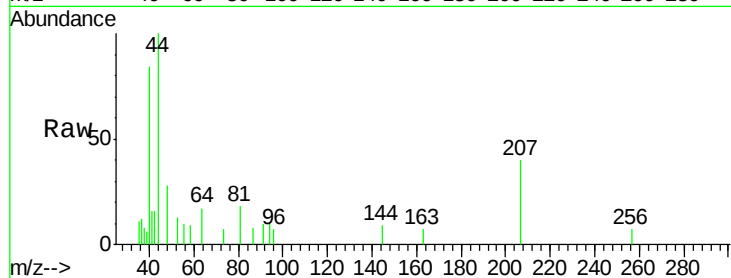
RBR-200030

Tot Ion: 94 Resp: 75

Ion Ratio Lower Upper

94 100

96 75.6 73.4 110.2



#6

Chloroethane

Concen: 804.186 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW008780.D

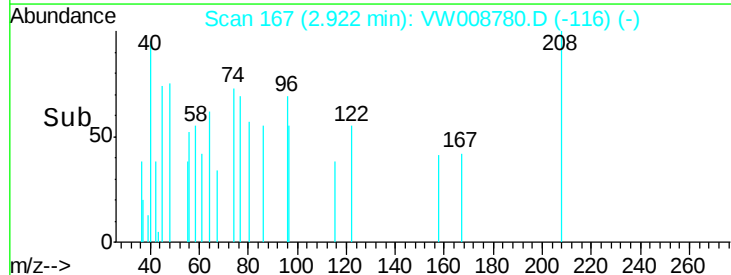
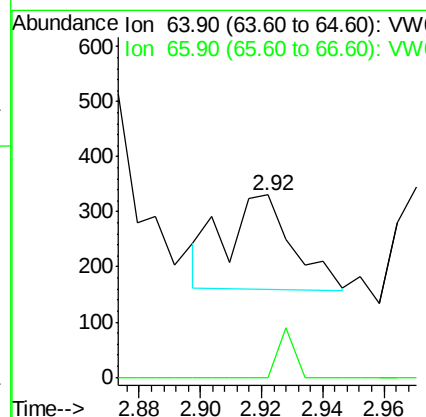
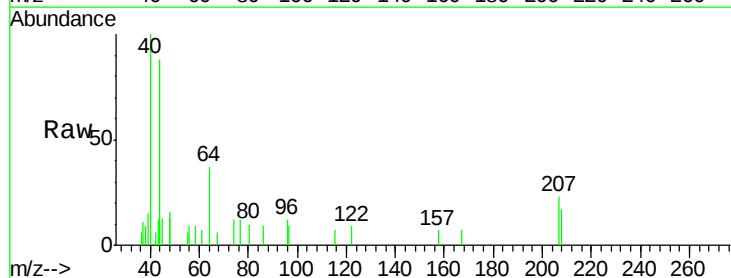
Acq: 21 Feb 2019 19:57

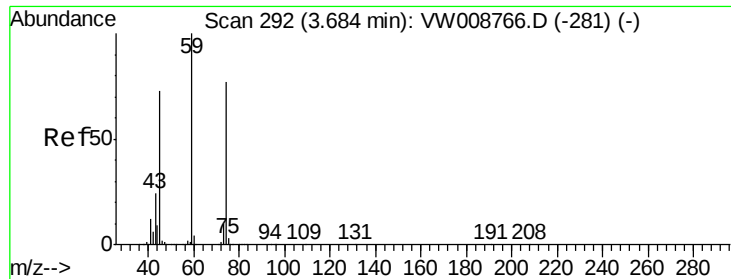
Tgt Ion: 64 Resp: 258

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#





#8

Diethyl Ether

Concen: 138.195 ug/l

RT: 3.82 min Scan# 314

Delta R.T. 0.13 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampled :

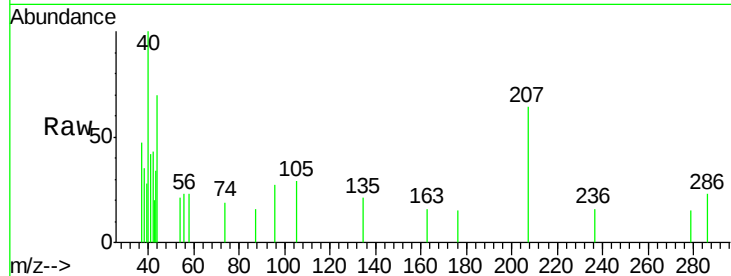
RBR-200030

Tot Ion: 74 Resp: 25

Ion Ratio Lower Upper

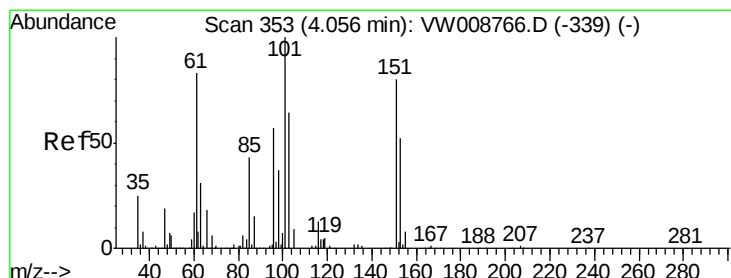
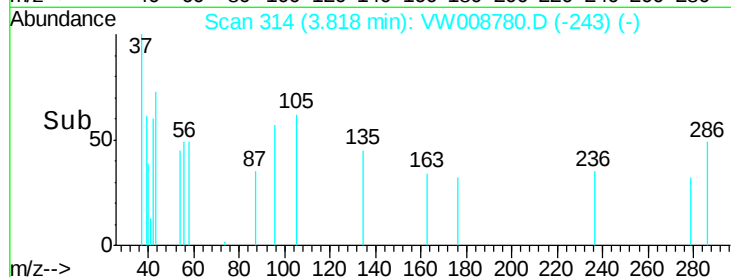
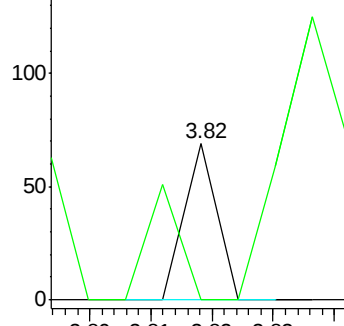
74 100

45 76.0 50.2 150.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



#9

1,1,2-Trichlorotrifluoroethane

Concen: 69.165 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.02 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

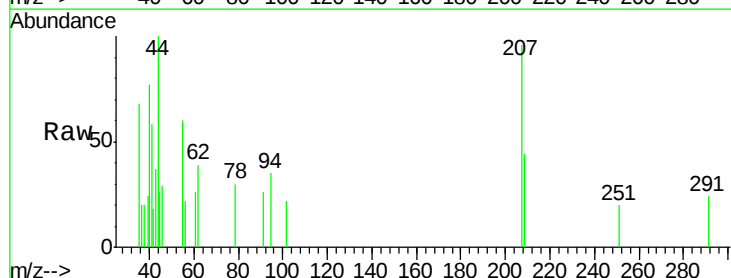
Tgt Ion: 101 Resp: 24

Ion Ratio Lower Upper

101 100

85 0.0 36.0 54.0#

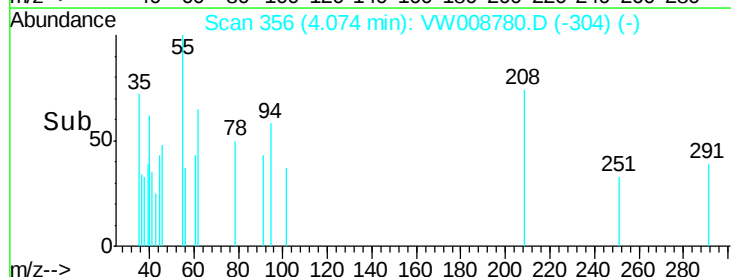
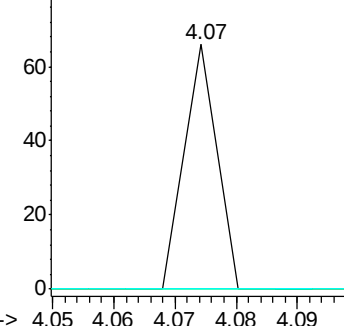
151 0.0 65.5 98.3#

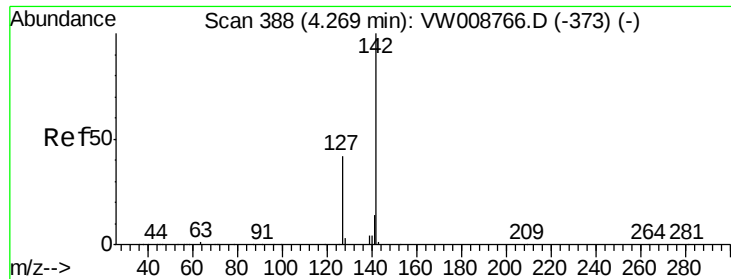


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V





#10

Methvl Iodide

Concen: 71.443 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Instrument :

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ClientSampled :

RBR-200030

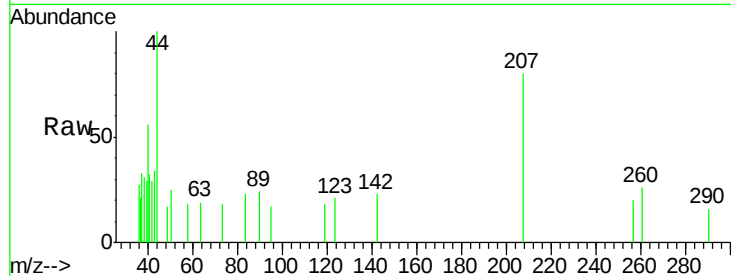
Tot Ion:142 Resp: 31

Ion Ratio Lower Upper

142 100

127 0.0 35.3 52.9#

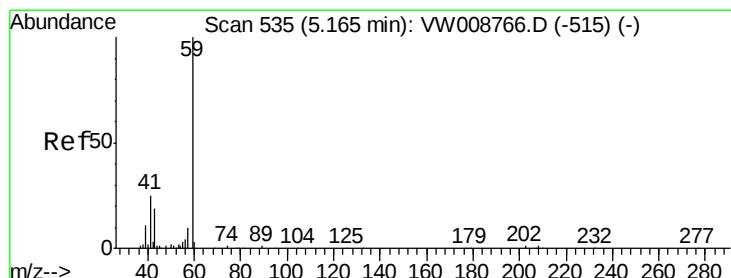
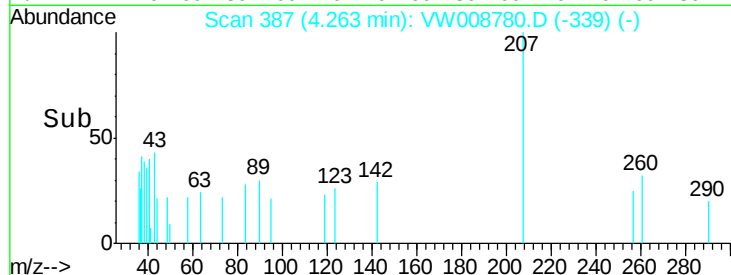
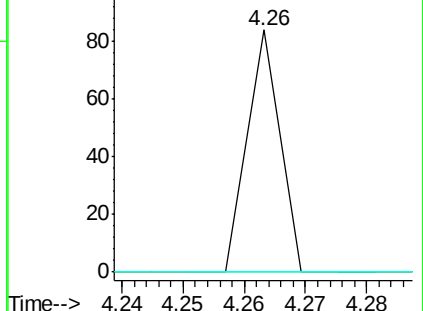
141 0.0 11.7 17.5#



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



#11

Tert butyl alcohol

Concen: 1060.748 ug/l

RT: 5.21 min Scan# 542

Delta R.T. 0.04 min

Lab File: VW008780.D

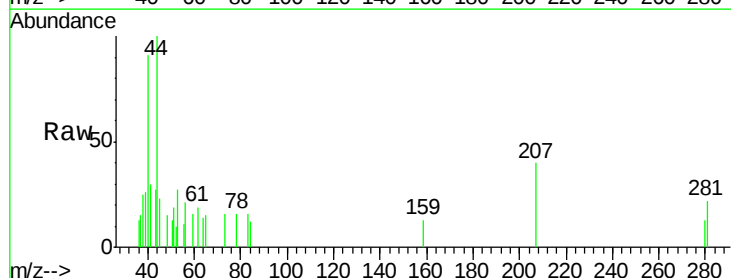
Acq: 21 Feb 2019 19:57

Tgt Ion: 59 Resp: 31

Ion Ratio Lower Upper

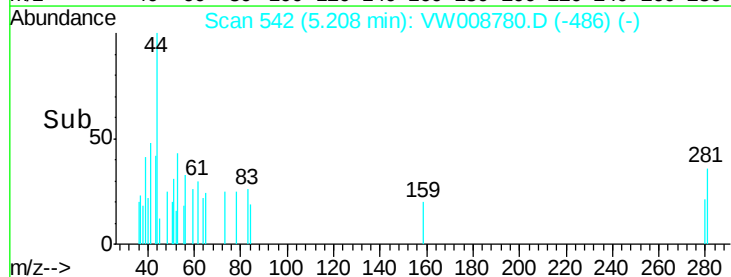
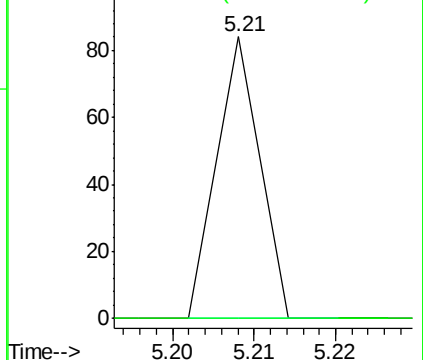
59 100

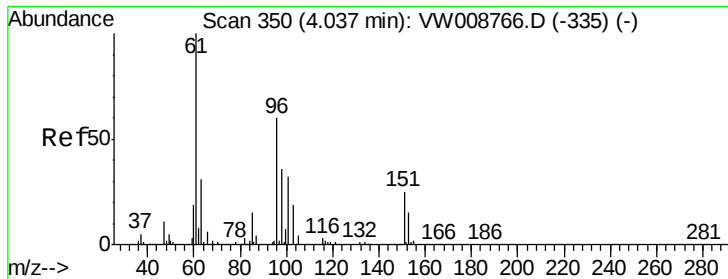
57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#12

1,1-Dichloroethene

Concen: 81.580 ug/l

RT: 4.09 min Scan# 358

Delta R.T. 0.05 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampled :

RBR-200030

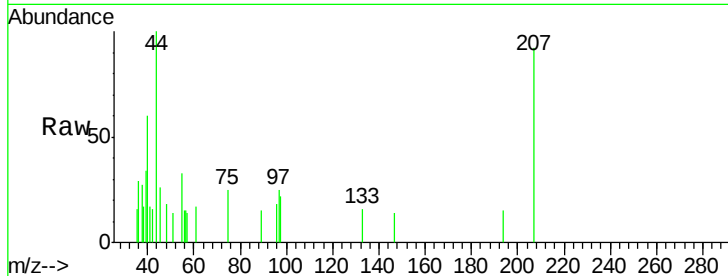
Tot Ion: 96 Resp: 25

Ion Ratio Lower Upper

96 100

61 0.0 132.5 198.7#

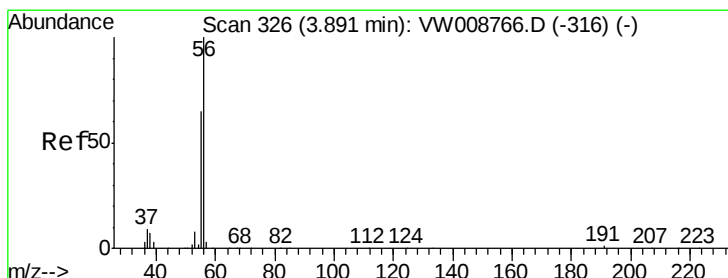
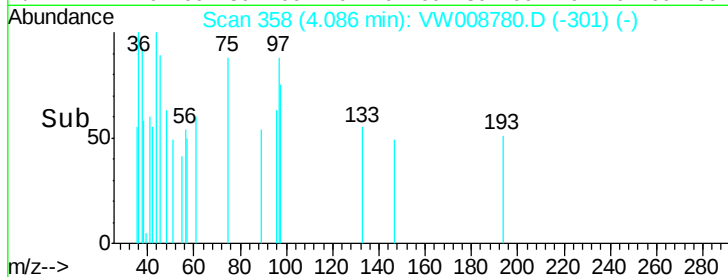
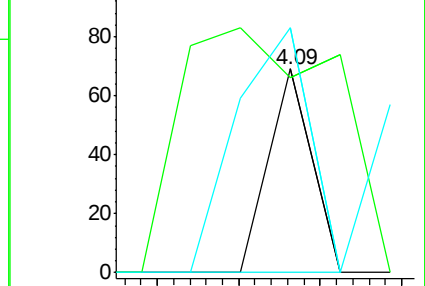
98 120.3 48.2 72.4#



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



#13

Acrolein

Concen: 6293.292 ug/l

RT: 3.93 min Scan# 332

Delta R.T. 0.04 min

Lab File: VW008780.D

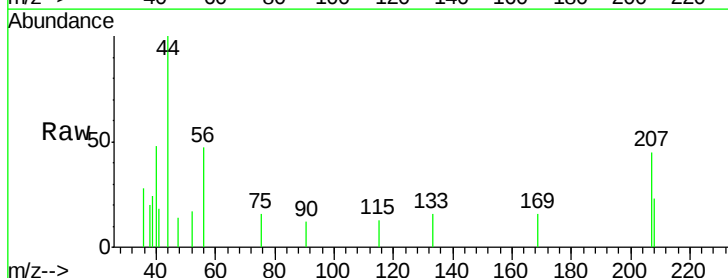
Acq: 21 Feb 2019 19:57

Tgt Ion: 56 Resp: 210

Ion Ratio Lower Upper

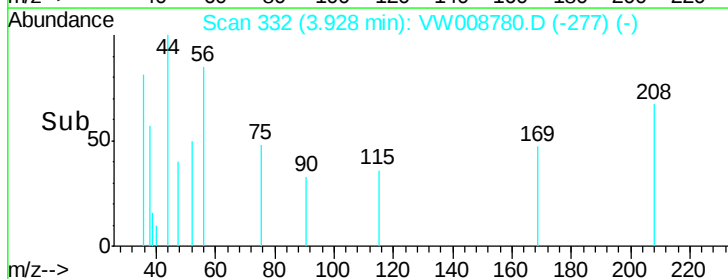
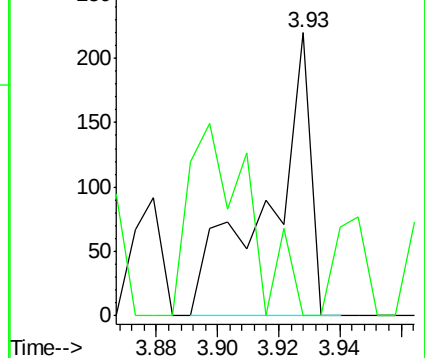
56 100

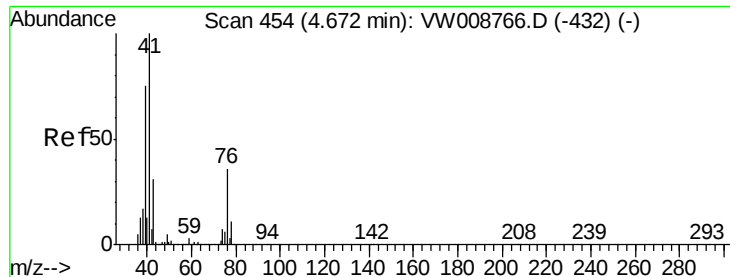
55 25.2 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

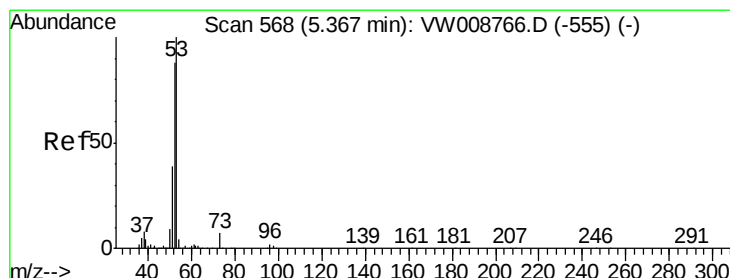
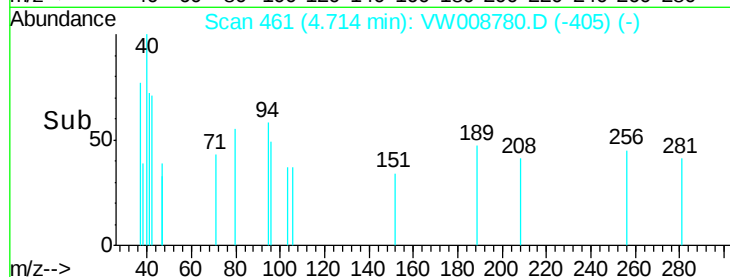
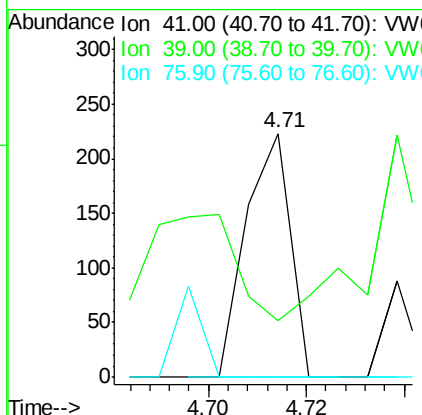
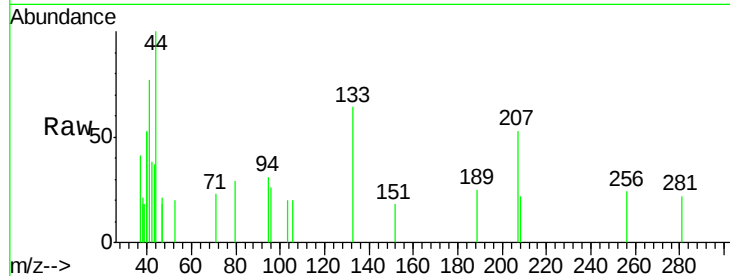




#14
Allvl chloride
Concen: 262.809 ug/l
RT: 4.71 min Scan# 461
Delta R.T. 0.04 min
Lab File: VW008780.D
Acq: 21 Feb 2019 19:57

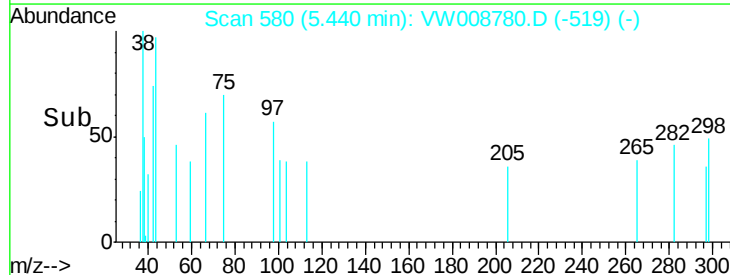
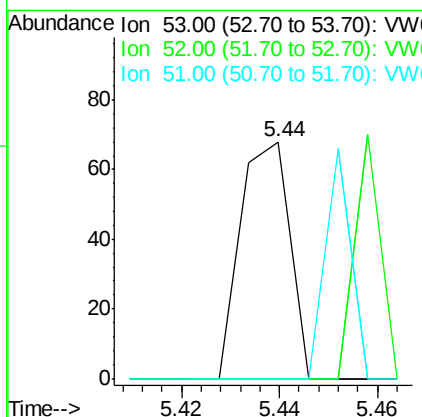
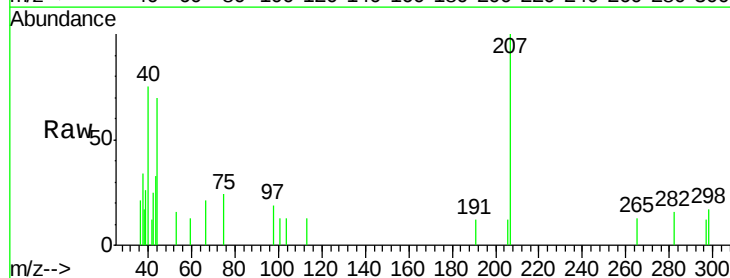
Instrument :
MSVOA_W
ClientSampled :
RBR-200030

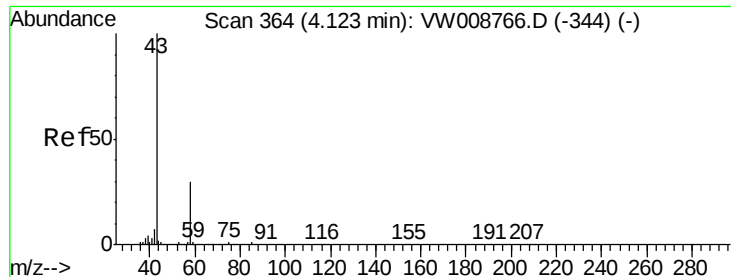
Tot Ion: 41 Resp: 139
Ion Ratio Lower Upper
41 100
39 109.4 60.6 91.0#
76 21.6 28.6 42.8#



#15
Acrylonitrile
Concen: 618.255 ug/l
RT: 5.44 min Scan# 580
Delta R.T. 0.07 min
Lab File: VW008780.D
Acq: 21 Feb 2019 19:57

Tgt Ion: 53 Resp: 48
Ion Ratio Lower Upper
53 100
52 54.2 67.2 100.8#
51 50.0 31.1 46.7#





#16

Acetone

Concen: 3942.703 ug/l

RT: 4.17 min Scan# 372

Delta R.T. 0.05 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampled :

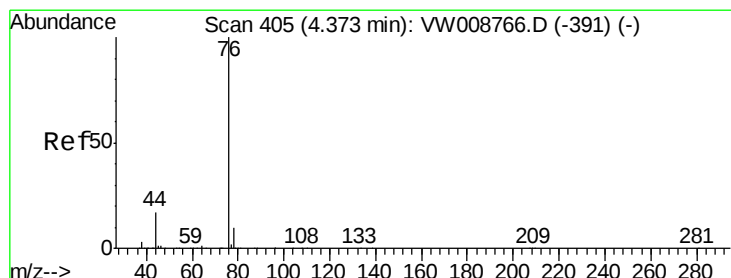
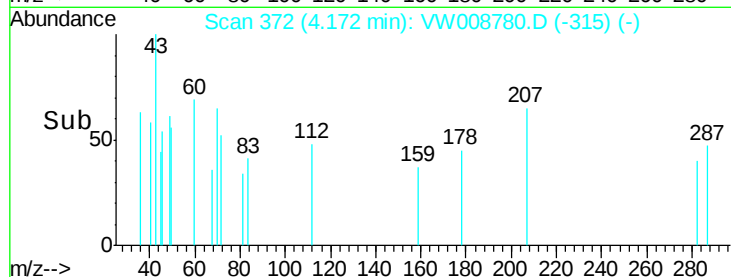
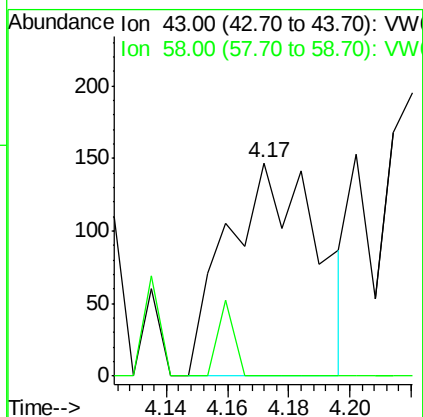
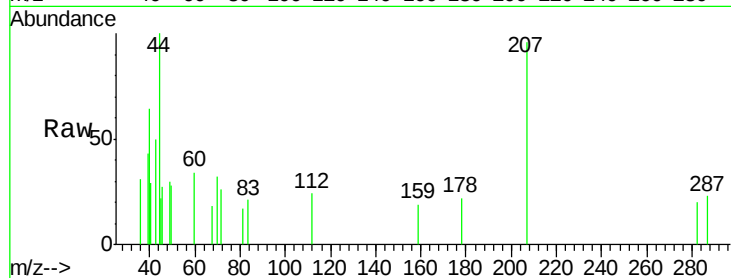
RBR-200030

Tot Ion: 43 Resp: 300

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.6#



#17

Carbon Disulfide

Concen: 24.588 ug/l

RT: 4.49 min Scan# 425

Delta R.T. 0.12 min

Lab File: VW008780.D

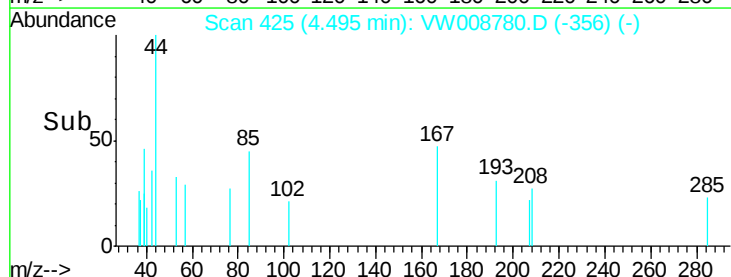
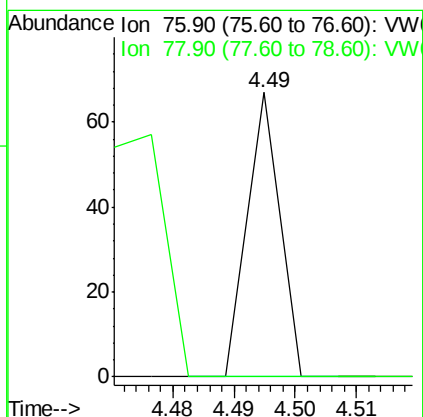
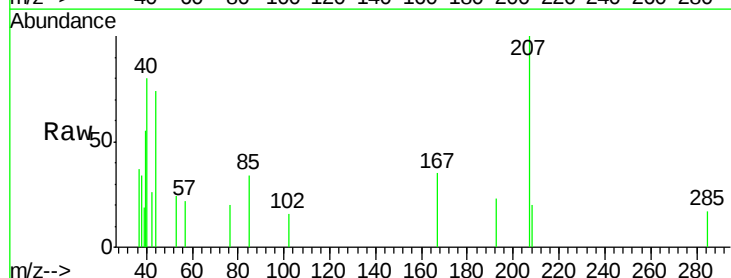
Acq: 21 Feb 2019 19:57

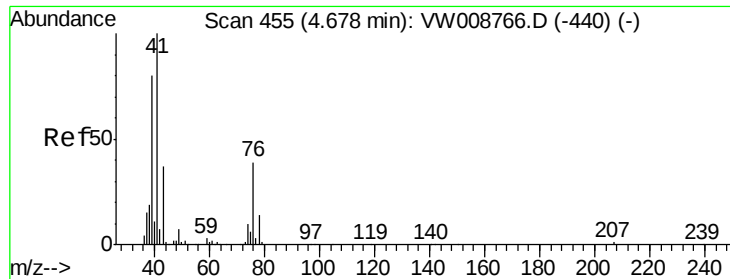
Tgt Ion: 76 Resp: 25

Ion Ratio Lower Upper

76 100

78 0.0 7.8 11.8#

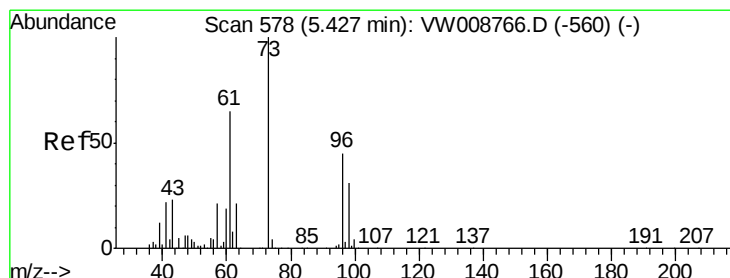
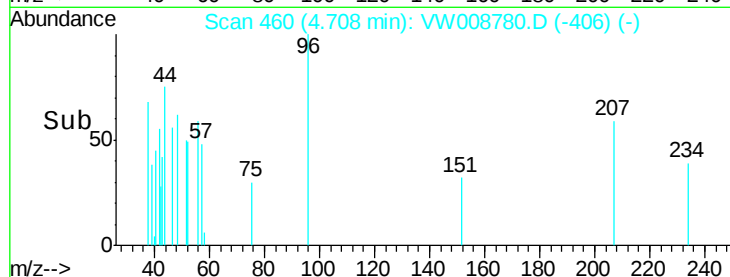
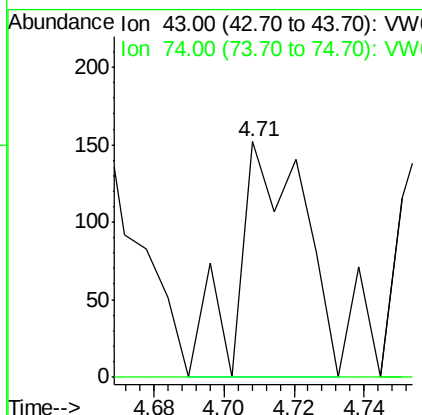
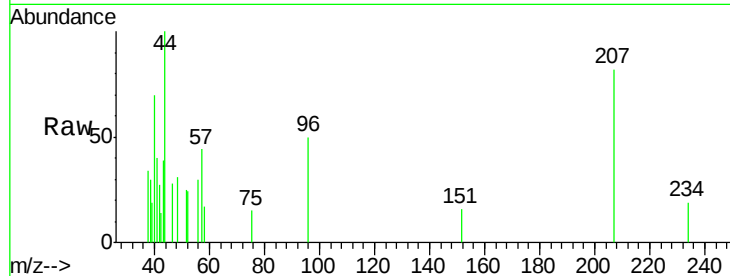




#18
Methyl Acetate
Concen: 1124.794 ug/l
RT: 4.71 min Scan# 460
Delta R.T. 0.03 min
Lab File: VW008780.D
Acq: 21 Feb 2019 19:57

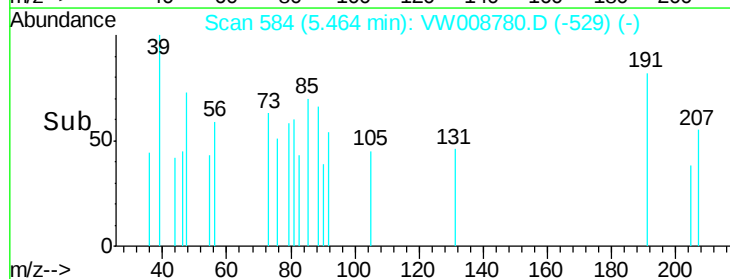
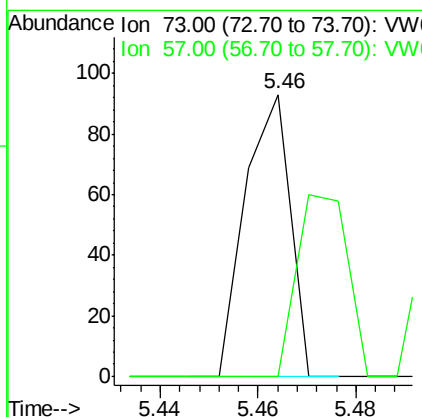
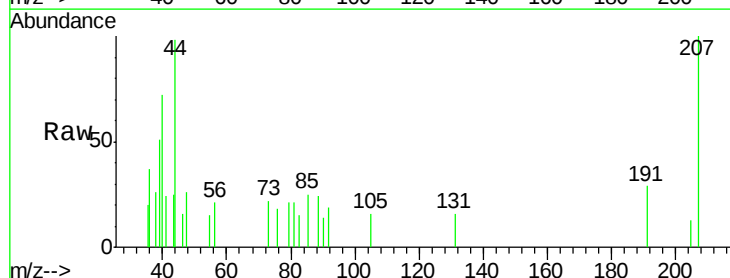
Instrument :
MSVOA_W
ClientSampled :
RBR-200030

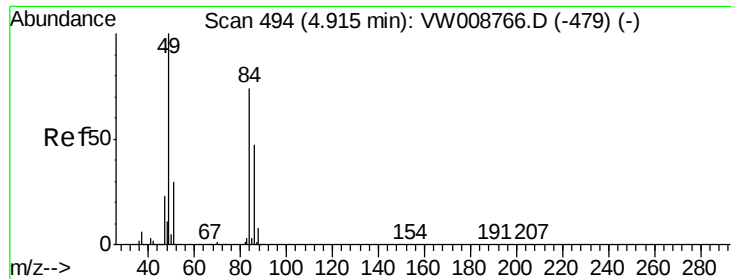
Tot Ion: 43 Resp: 203
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#19
Methyl tert-butyl Ether
Concen: 71.131 ug/l
RT: 5.46 min Scan# 584
Delta R.T. 0.04 min
Lab File: VW008780.D
Acq: 21 Feb 2019 19:57

Tgt Ion: 73 Resp: 59
Ion Ratio Lower Upper
73 100
57 0.0 16.8 25.2#

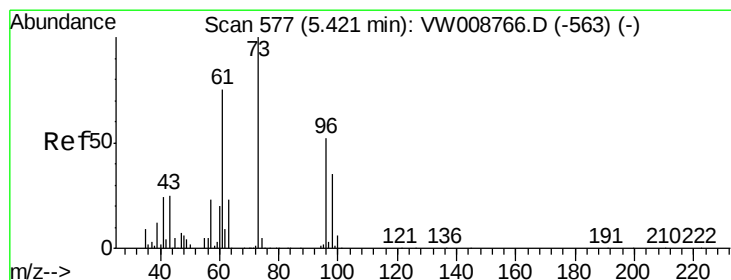
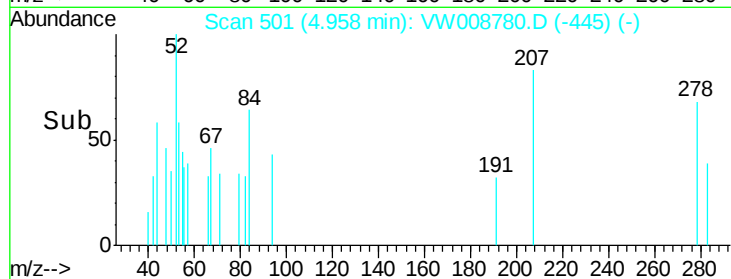
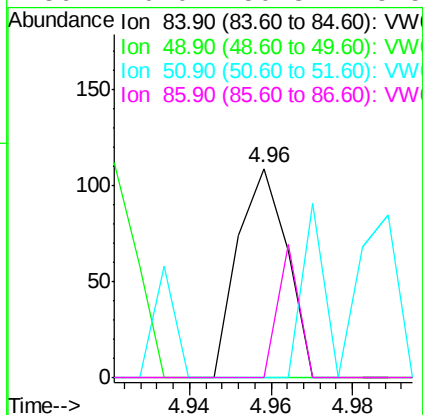
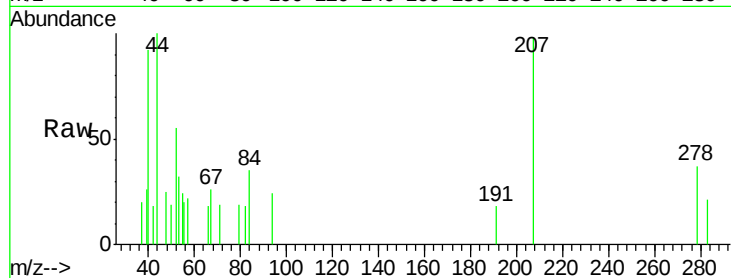




#20
Methylene Chloride
Concen: 264.718 ug/l
RT: 4.96 min Scan# 501
Delta R.T. 0.04 min
Lab File: VW008780.D
Acq: 21 Feb 2019 19:57

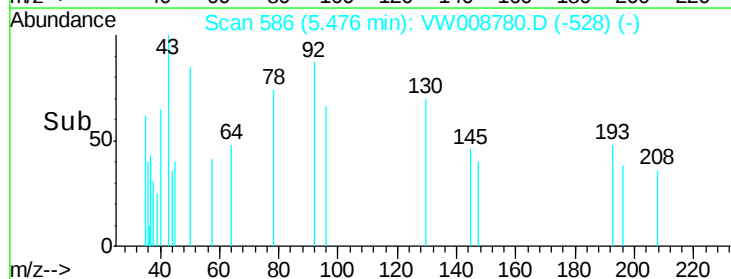
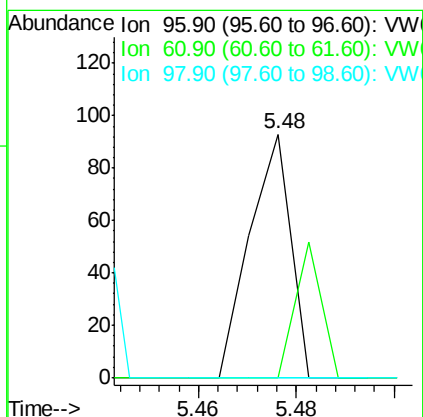
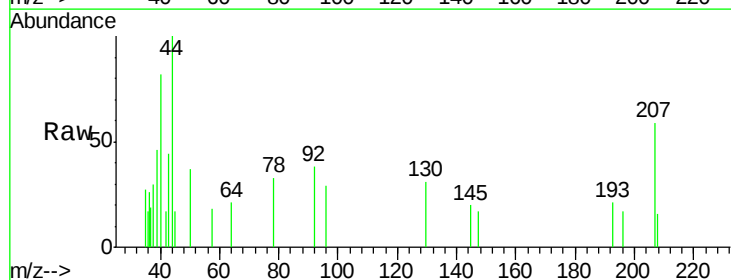
Instrument :
MSVOA_W
ClientSampled :
RBR-200030

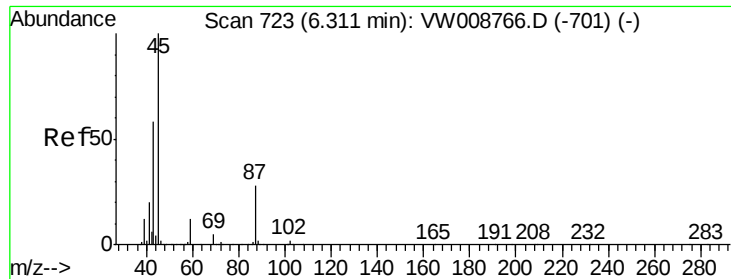
Tot Ion: 84 Resp: 91
Ion Ratio Lower Upper
84 100
49 0.0 108.2 162.2#
51 0.0 32.7 49.1#
86 0.0 50.3 75.5#



#21
trans-1,2-Dichloroethene
Concen: 152.336 ug/l
RT: 5.48 min Scan# 586
Delta R.T. 0.05 min
Lab File: VW008780.D
Acq: 21 Feb 2019 19:57

Tgt Ion: 96 Resp: 54
Ion Ratio Lower Upper
96 100
61 0.0 114.6 171.8#
98 0.0 54.0 81.0#



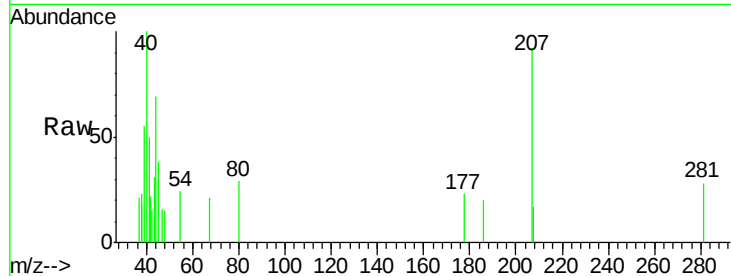


#22

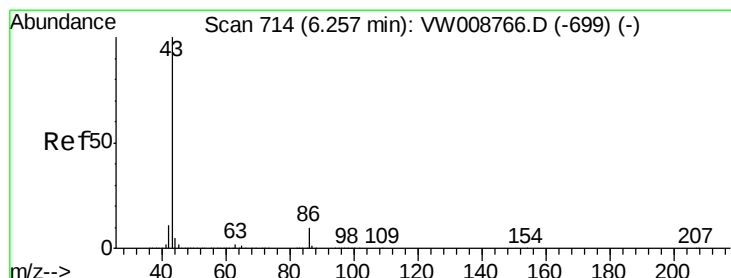
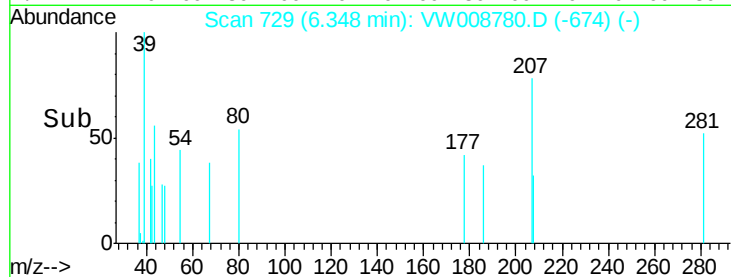
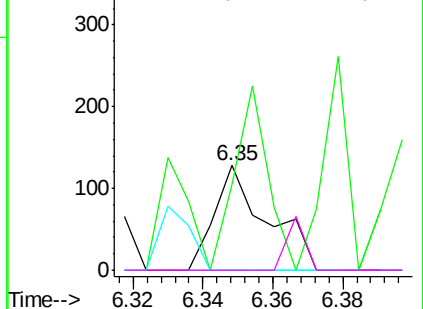
Diisopropyl ether
 Concen: 127.006 ug/l
 RT: 6.35 min Scan# 729
 Delta R.T. 0.04 min
 Lab File: VW008780.D
 Acq: 21 Feb 2019 19:57

Instrument :
 MSVOA_W
 ClientSampled :
 RBR-200030

Tot Ion:	45	Resp:	134
Ion	Ratio	Lower	Upper
45	100		
43	16.4	46.1	69.1#
87	0.0	22.2	33.4#
59	0.0	10.0	15.0#



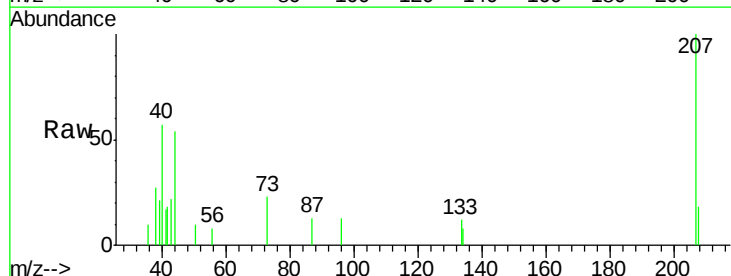
Abundance Ion 45.00 (44.70 to 45.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 87.00 (86.70 to 87.70): VW
 Ion 59.00 (58.70 to 59.70): VW



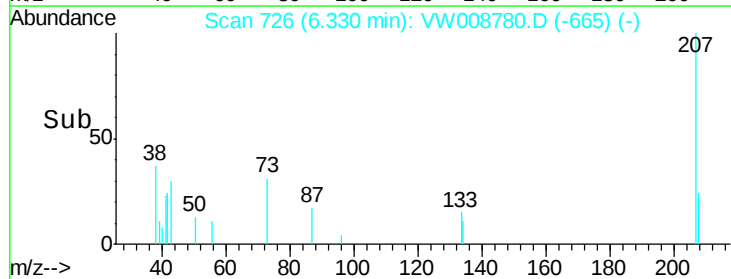
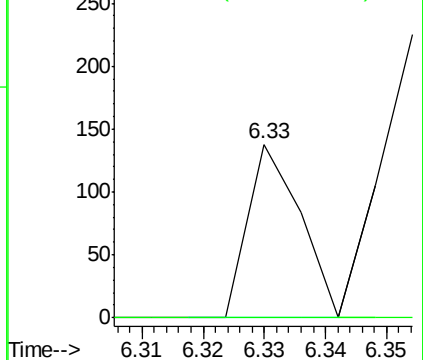
#23

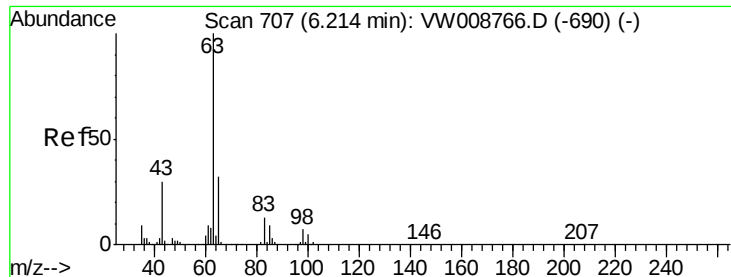
Vinyl Acetate
 Concen: 124.256 ug/l
 RT: 6.33 min Scan# 726
 Delta R.T. 0.07 min
 Lab File: VW008780.D
 Acq: 21 Feb 2019 19:57

Tgt Ion:	43	Resp:	81
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: 55.611 ug/l

RT: 6.28 min Scan# 718

Delta R.T. 0.07 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampled :

RBR-200030

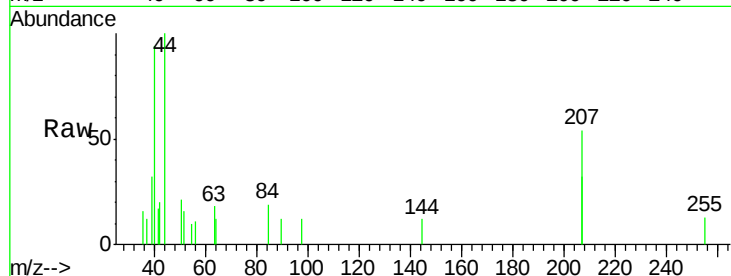
Tot Ion: 63 Resp: 34

Ion Ratio Lower Upper

63 100

98 0.0 3.5 10.6#

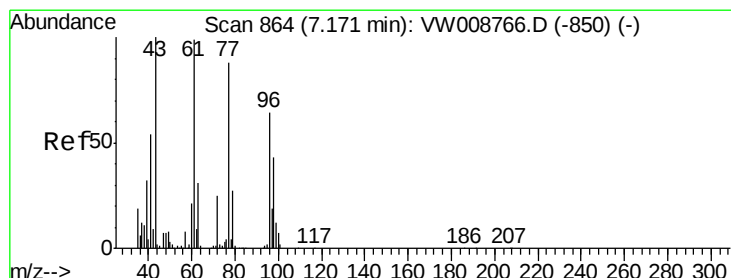
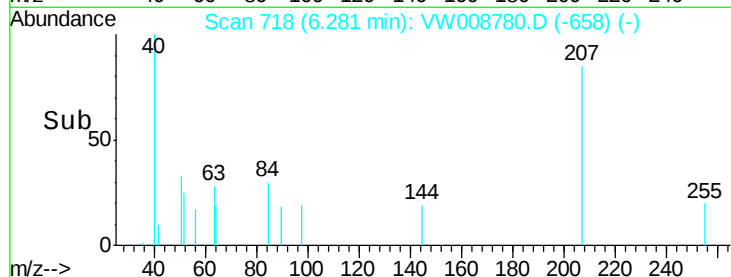
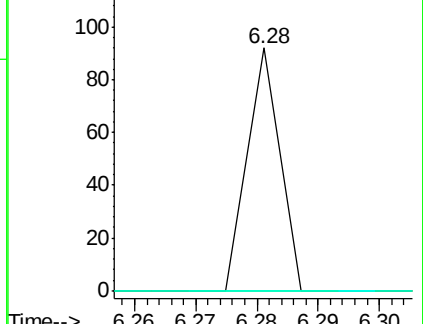
100 0.0 2.4 7.2#



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: 883.635 ug/l

RT: 7.23 min Scan# 874

Delta R.T. 0.06 min

Lab File: VW008780.D

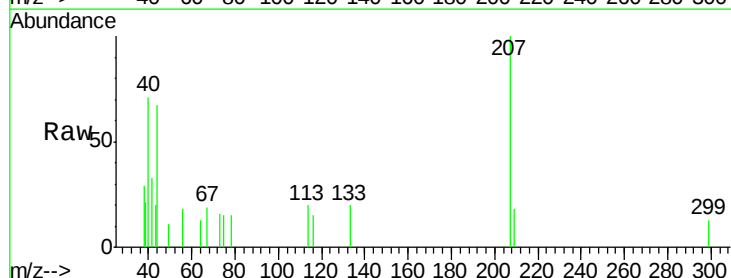
Acq: 21 Feb 2019 19:57

Tgt Ion: 43 Resp: 94

Ion Ratio Lower Upper

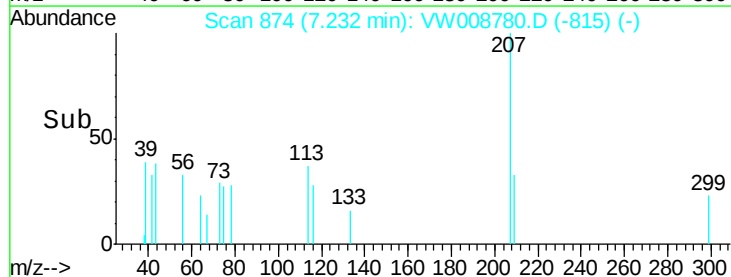
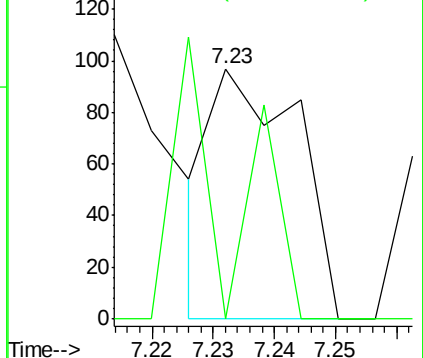
43 100

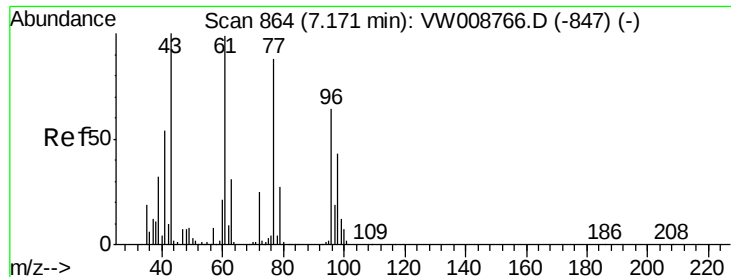
72 76.3 19.7 29.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#26

2,2-Dichloropropane

Concen: 156.739 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampled :

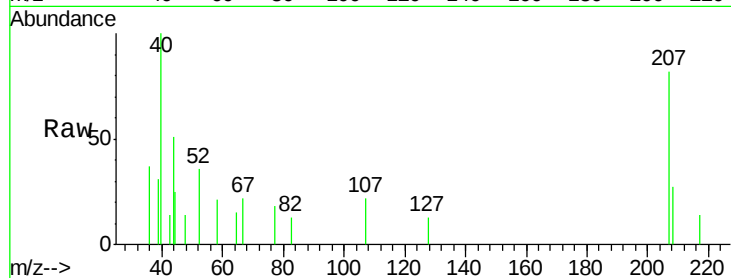
RBR-200030

Tot Ion: 77 Resp: 87

Ion Ratio Lower Upper

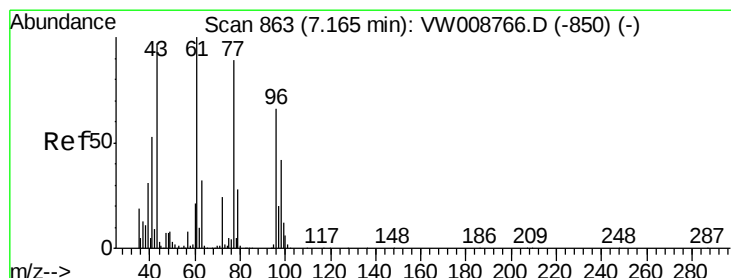
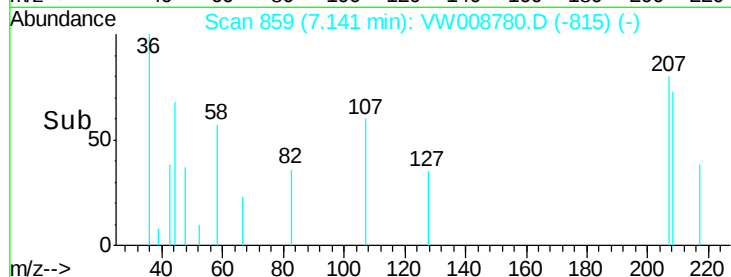
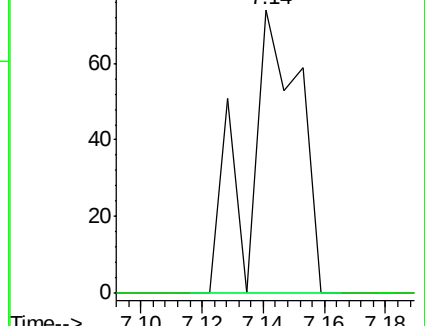
77 100

97 0.0 11.0 33.0#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



#27

cis-1,2-Dichloroethene

Concen: 52.745 ug/l

RT: 7.24 min Scan# 875

Delta R.T. 0.07 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

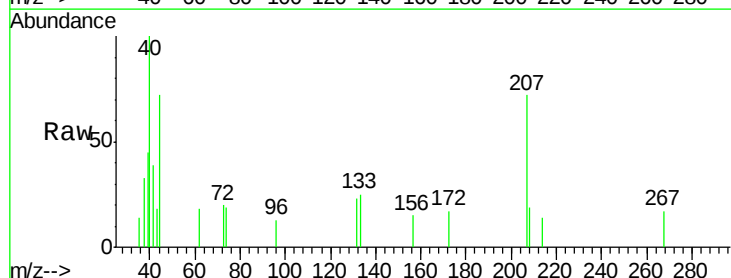
Tgt Ion: 96 Resp: 20

Ion Ratio Lower Upper

96 100

61 0.0 0.0 302.6

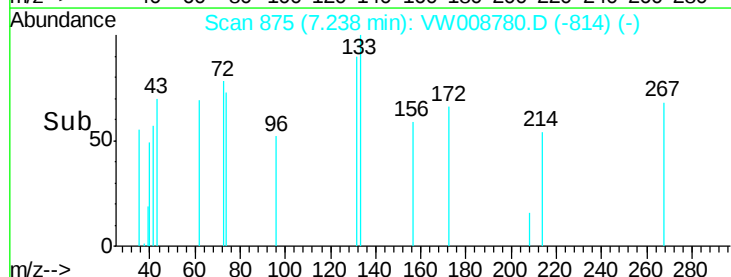
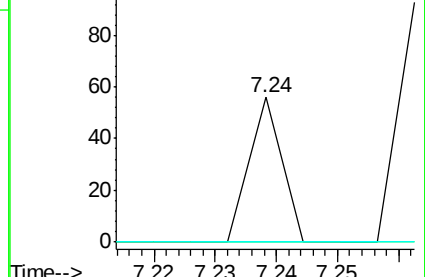
98 0.0 0.0 130.0

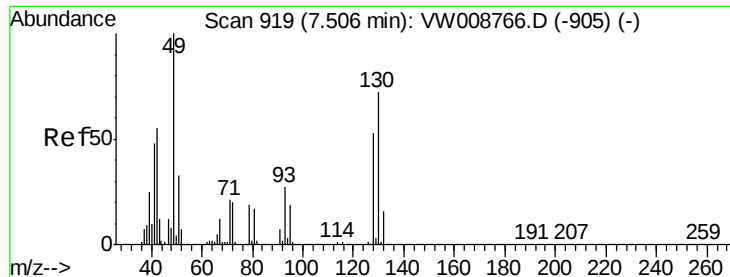


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#28

Bromochloromethane

Concen: 207.157 ug/l

RT: 7.56 min Scan# 927

Delta R.T. 0.05 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

RBR-200030

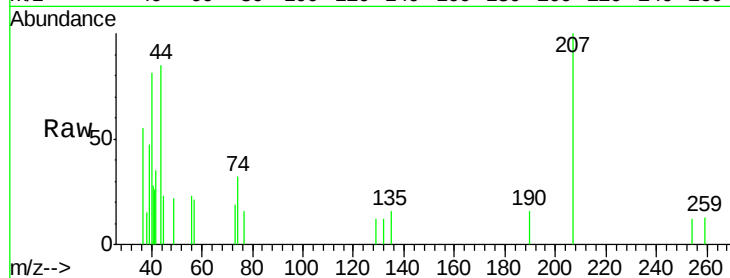
Tot Ion: 49 Resp: 53

Ion Ratio Lower Upper

49 100

129 35.8 0.0 2.6#

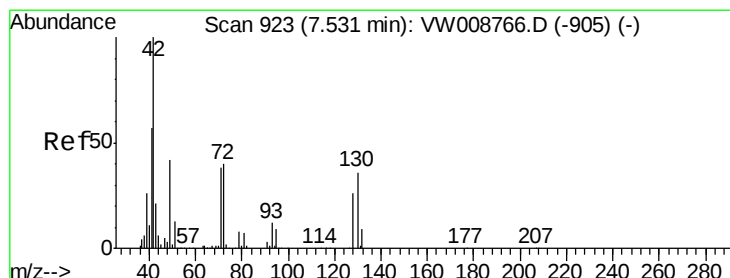
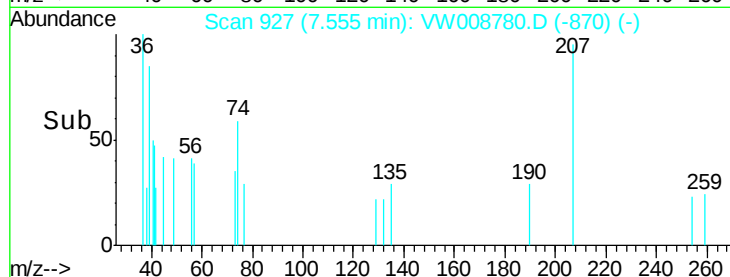
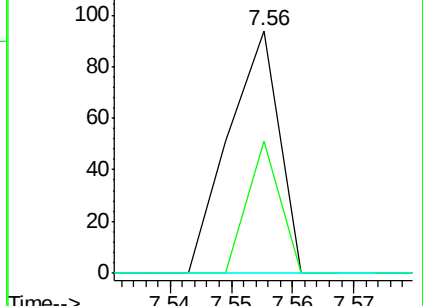
130 0.0 61.3 91.9#



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



#29

Tetrahydrofuran

Concen: 1607.856 ug/l

RT: 7.60 min Scan# 934

Delta R.T. 0.07 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

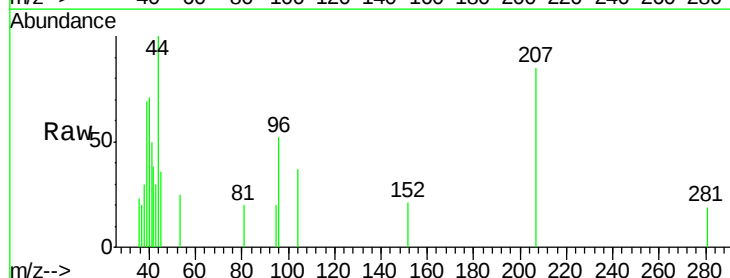
Tgt Ion: 42 Resp: 109

Ion Ratio Lower Upper

42 100

72 0.0 32.7 49.1#

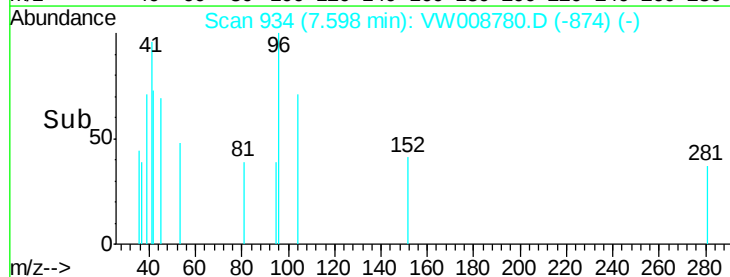
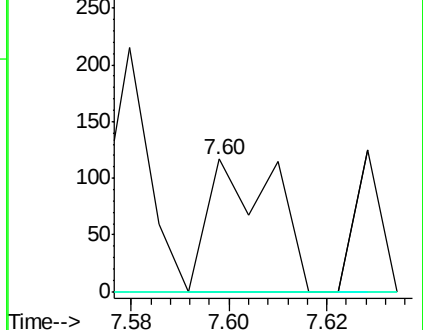
71 0.0 31.3 46.9#

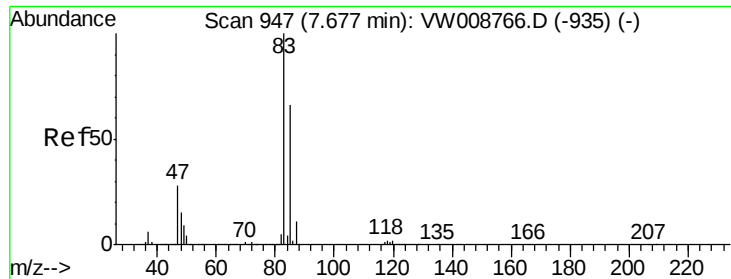


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

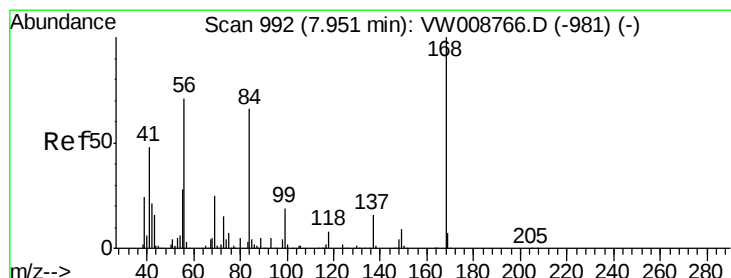
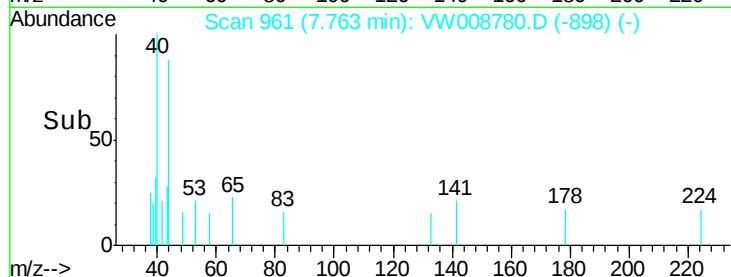
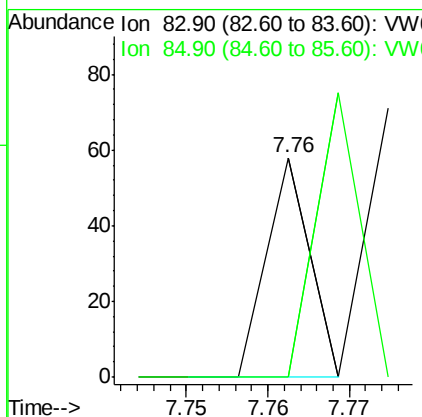
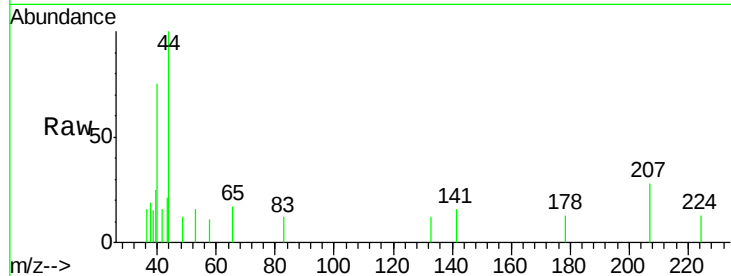




#30
Chloroform
Concen: 33.482 ug/l
RT: 7.76 min Scan# 961
Delta R.T. 0.09 min
Lab File: VW008780.D
Acq: 21 Feb 2019 19:57

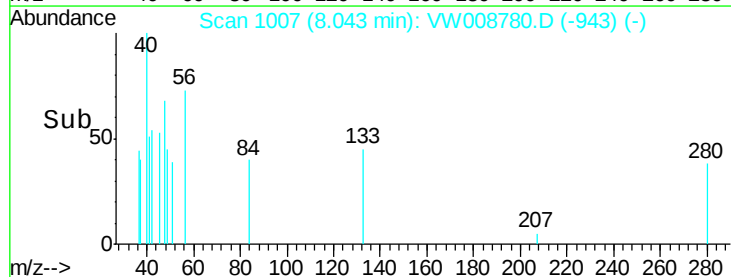
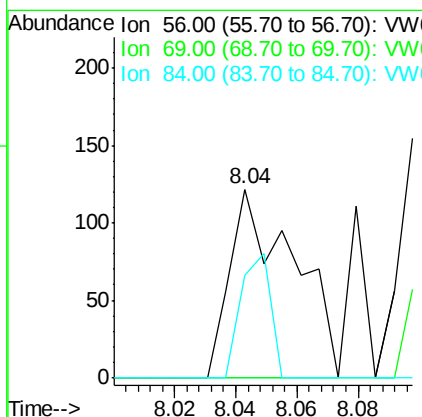
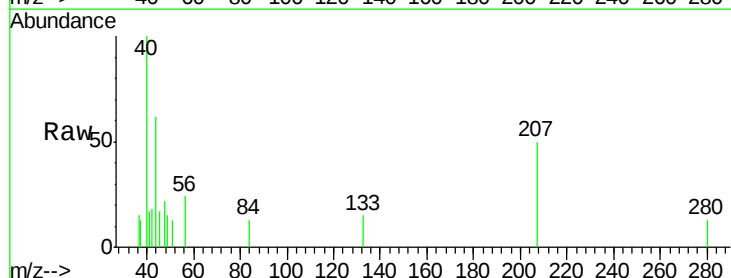
Instrument :
MSVOA_W
ClientSampleId :
RBR-200030

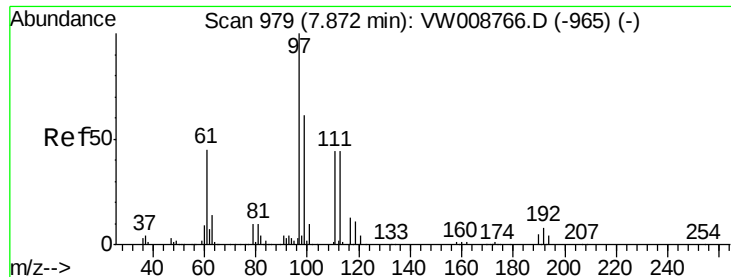
Tot Ion: 83 Resp: 21
Ion Ratio Lower Upper
83 100
85 0.0 52.6 79.0#



#31
Cyclohexane
Concen: 284.391 ug/l
RT: 8.04 min Scan# 1007
Delta R.T. 0.09 min
Lab File: VW008780.D
Acq: 21 Feb 2019 19:57

Tgt Ion: 56 Resp: 176
Ion Ratio Lower Upper
56 100
69 0.0 28.2 42.4#
84 54.1 74.1 111.1#

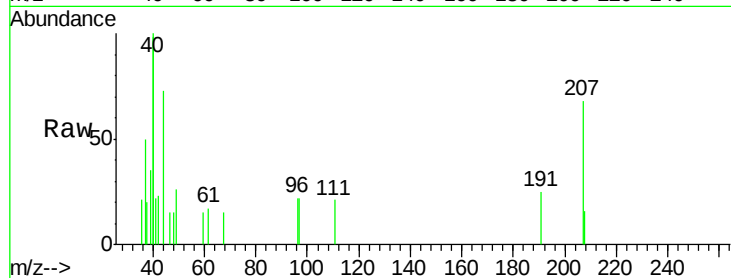




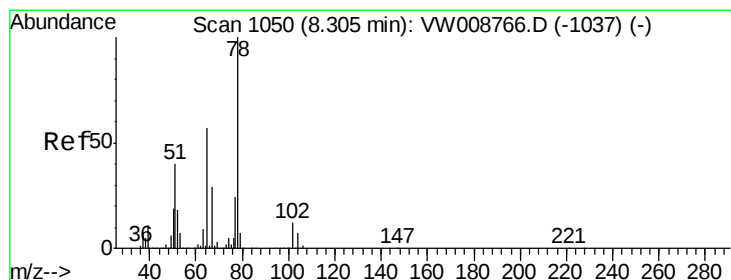
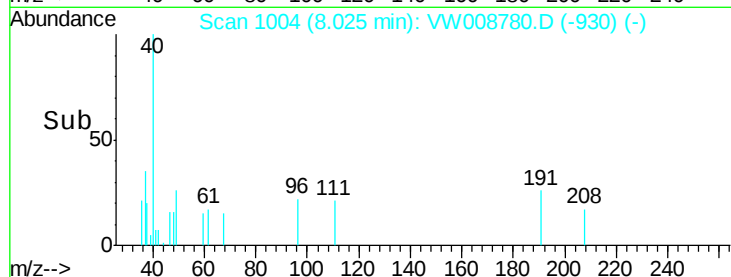
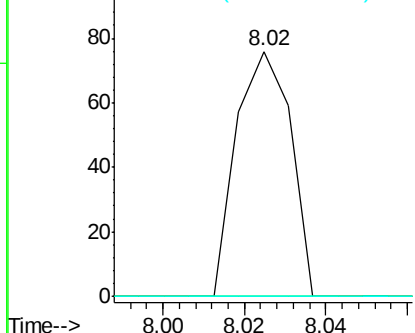
#32
 1,1,1-Trichloroethane
 Concen: 122.724 ug/l
 RT: 8.02 min Scan# 1004
 Delta R.T. 0.15 min
 Lab File: VW008780.D
 Acq: 21 Feb 2019 19:57

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200030

Tot Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.8	76.2#
61	0.0	36.0	54.0#

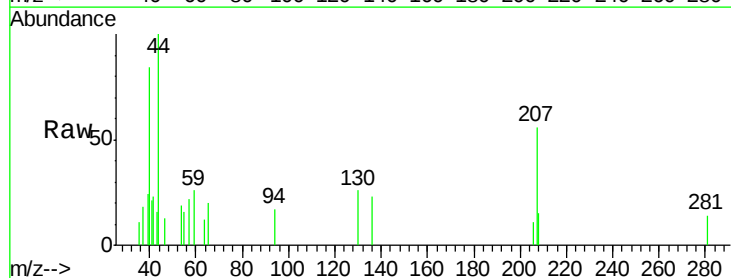


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 98.90 (98.60 to 99.60): VW
 Ion 60.90 (60.60 to 61.60): VW

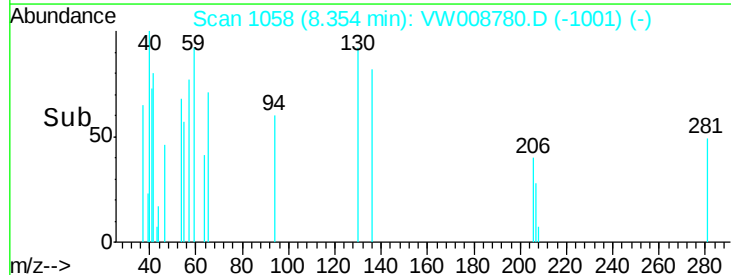
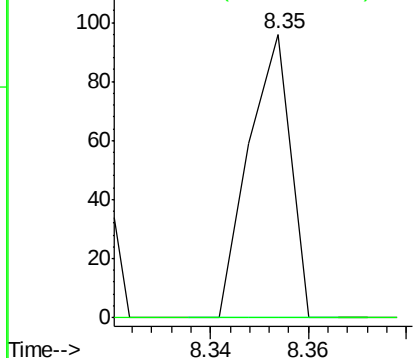


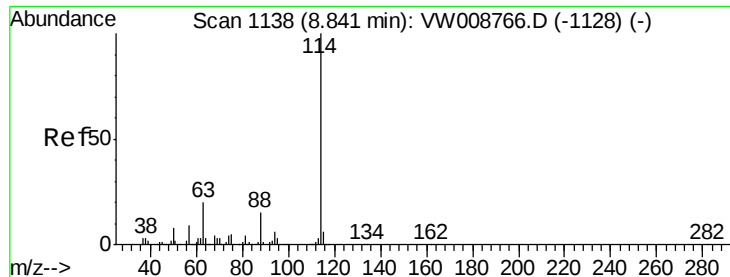
#33
 1,2-Dichloroethane-d4
 Concen: 173.638 ug/l
 RT: 8.35 min Scan# 1058
 Delta R.T. 0.05 min
 Lab File: VW008780.D
 Acq: 21 Feb 2019 19:57

Tgt Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	101.4



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

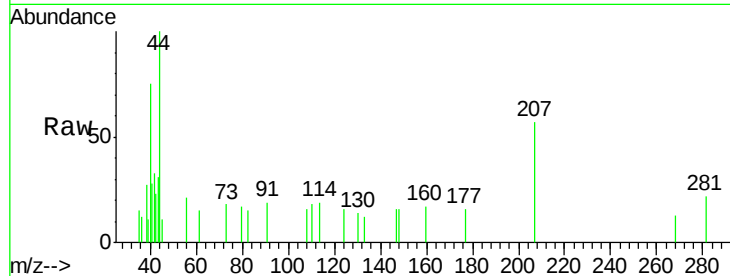




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.07 min Scan# 1175
 Delta R.T. 0.23 min
 Lab File: VW008780.D
 Acq: 21 Feb 2019 19:57

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200030

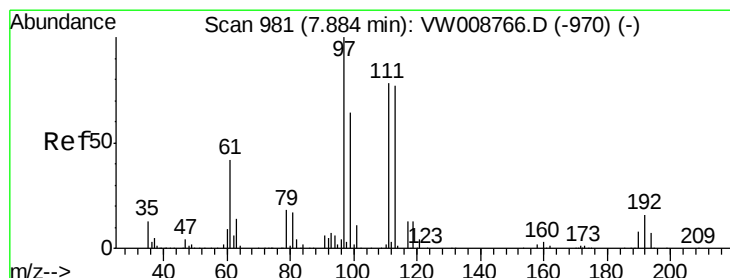
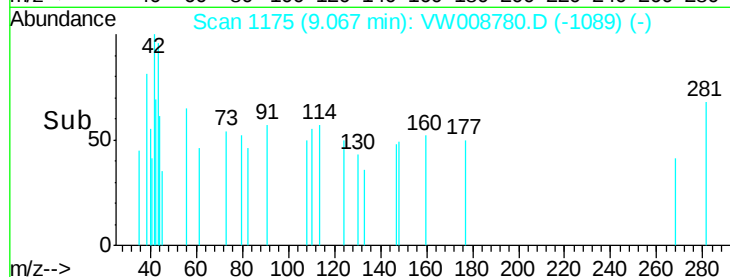
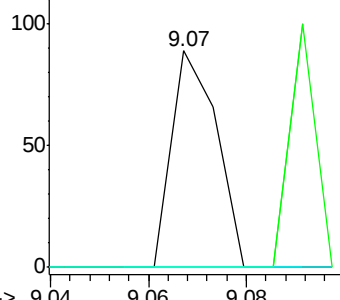
Tot Ion:	114	Resp:	57
Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	40.8
88	0.0	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

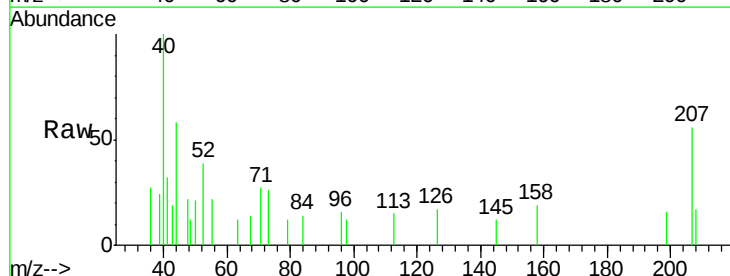
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 134.411 ug/l
 RT: 7.91 min Scan# 986
 Delta R.T. 0.03 min
 Lab File: VW008780.D
 Acq: 21 Feb 2019 19:57

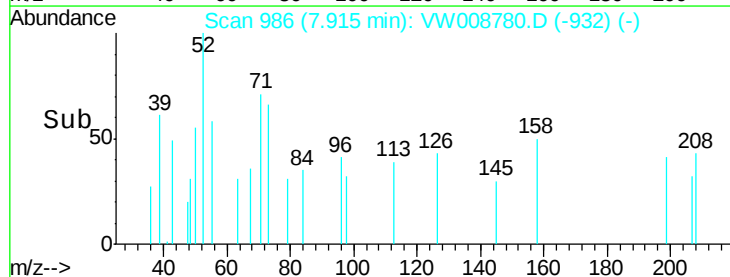
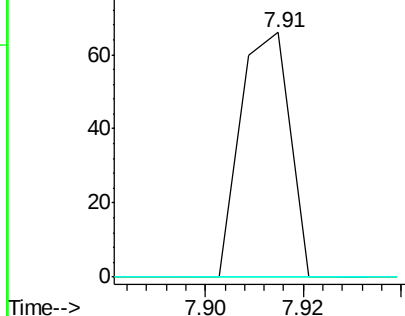
Tgt Ion:	113	Resp:	46
Ion	Ratio	Lower	Upper
113	100		
111	0.0	81.9	122.9#
192	0.0	17.1	25.7#

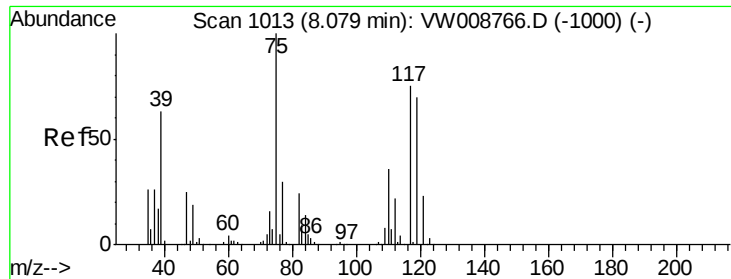


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 41.452 ug/l

RT: 8.29 min Scan# 1047

Delta R.T. 0.21 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

RBR-200030

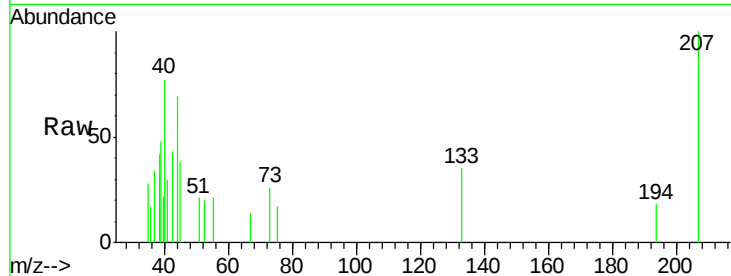
Tot Ion: 75 Resp: 23

Ion Ratio Lower Upper

75 100

110 0.0 17.5 52.6#

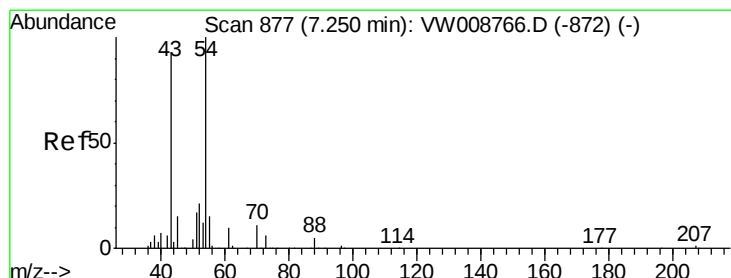
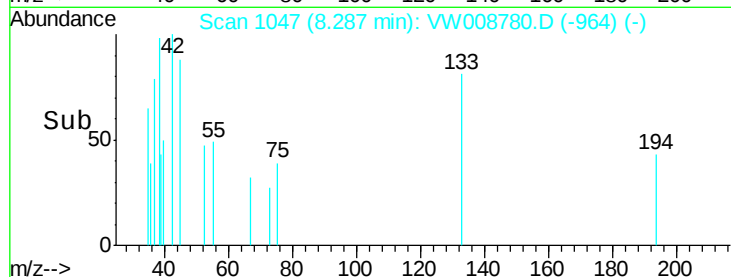
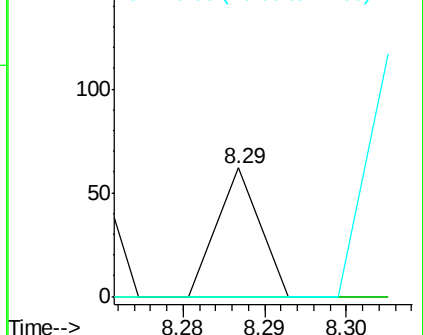
77 291.3 24.5 36.7#



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: 496.082 ug/l

RT: 7.43 min Scan# 907

Delta R.T. 0.18 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

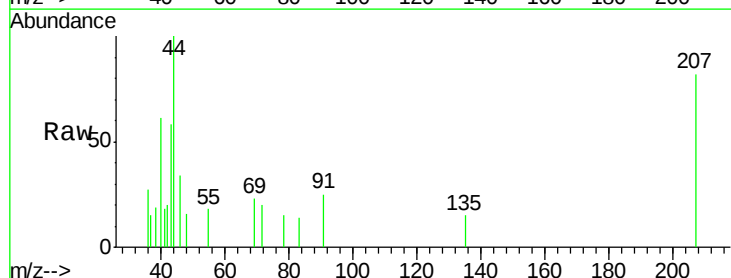
Tgt Ion: 43 Resp: 128

Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

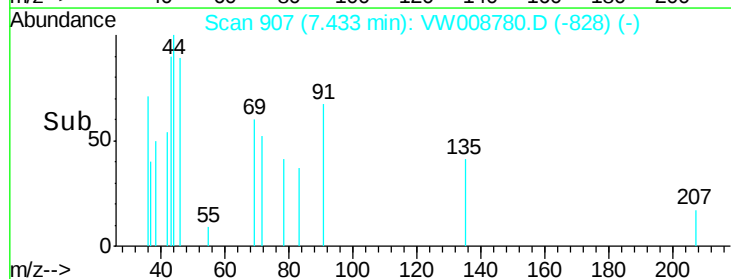
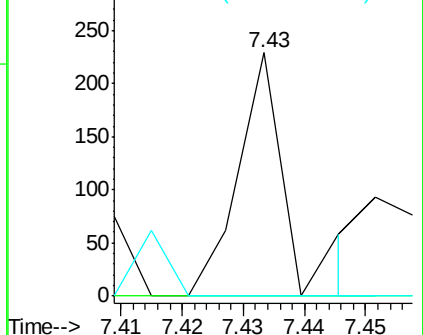
70 0.0 8.4 12.6#

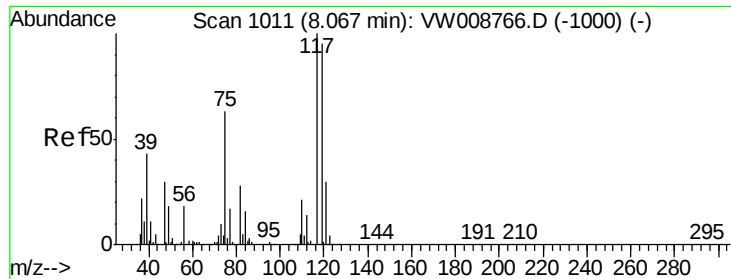


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW

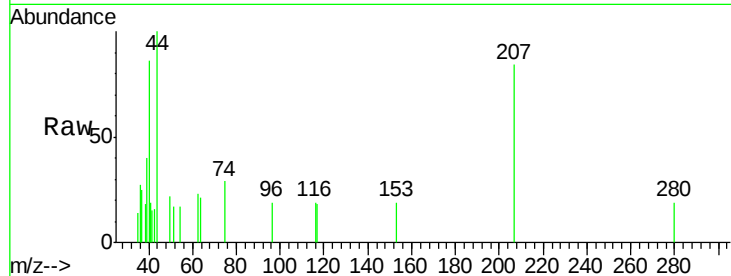




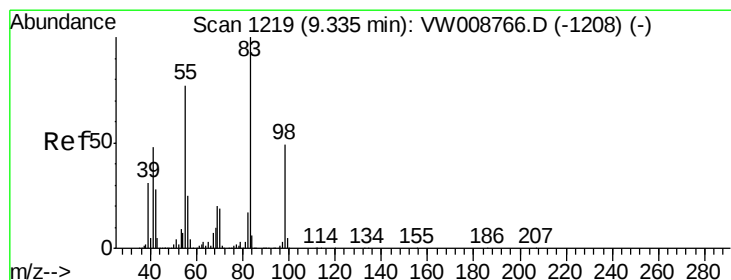
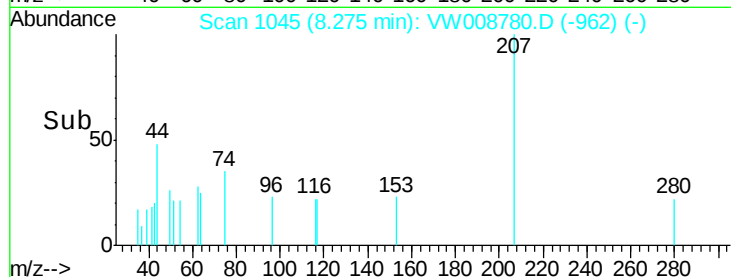
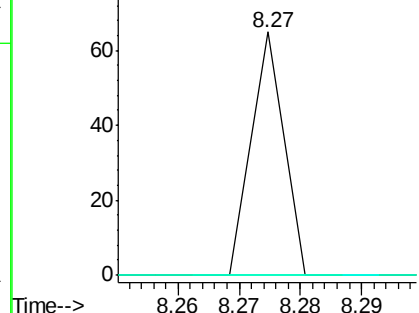
#38
Carbon Tetrachloride
Concen: 41.015 ug/l
RT: 8.27 min Scan# 1045
Delta R.T. 0.21 min
Lab File: VW008780.D
Acq: 21 Feb 2019 19:57

Instrument :
MSVOA_W
ClientSampleId :
RBR-200030

Tot Ion:117 Resp: 24
Ion Ratio Lower Upper
117 100
119 0.0 76.1 114.1#
121 0.0 24.0 36.0#

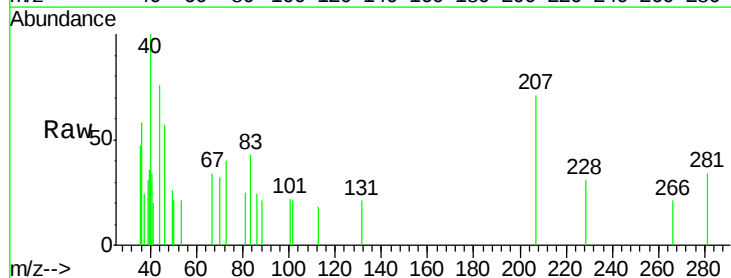


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

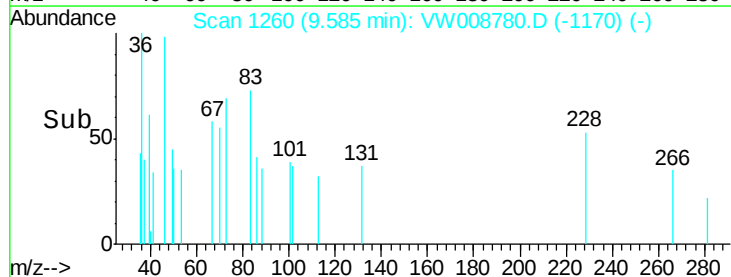
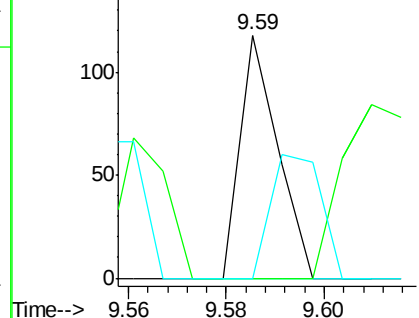


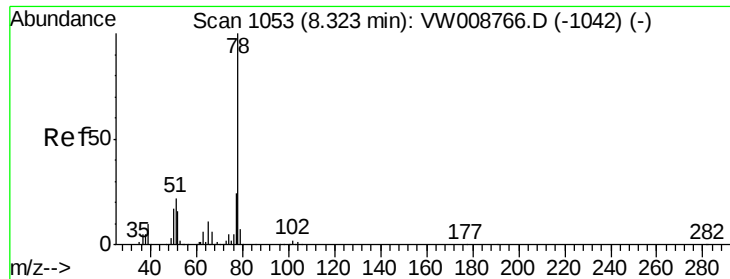
#39
Methylcyclohexane
Concen: 91.029 ug/l
RT: 9.59 min Scan# 1260
Delta R.T. 0.25 min
Lab File: VW008780.D
Acq: 21 Feb 2019 19:57

Tgt Ion: 83 Resp: 63
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 0.0 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





#40

Benzene

Concen: 16.502 ug/l

RT: 8.48 min Scan# 1079

Delta R.T. 0.16 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampled :

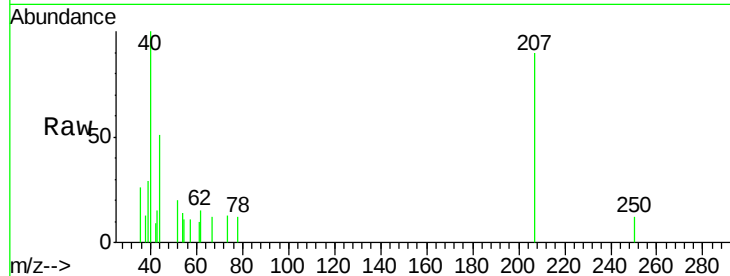
RBR-200030

Tot Ion: 78 Resp: 25

Ion Ratio Lower Upper

78 100

77 0.0 19.3 28.9#



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

8.48

60

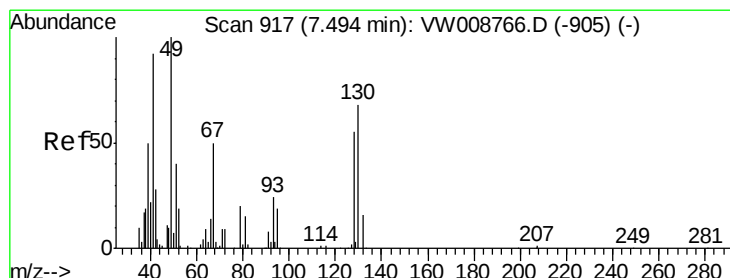
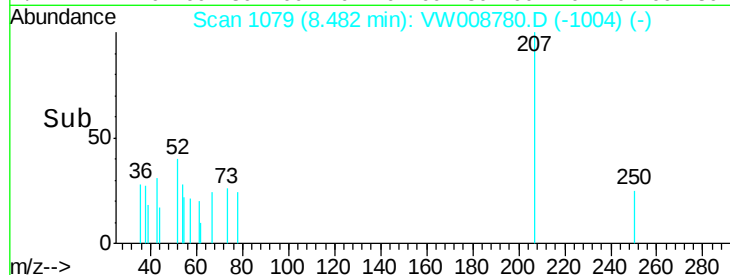
40

20

0

8.46 8.47 8.48 8.49 8.50

Time-->



#41

Methacrylonitrile

Concen: 883.513 ug/l

RT: 7.69 min Scan# 949

Delta R.T. 0.20 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Tgt Ion: 41 Resp: 134

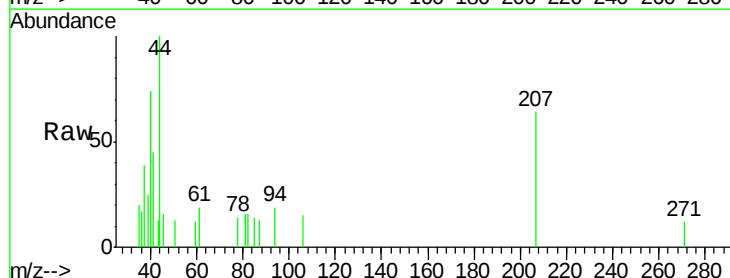
Ion Ratio Lower Upper

41 100

39 50.0 52.5 78.7#

67 0.0 55.0 82.6#

52 30.6 26.9 40.3



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

7.69

300

250

200

150

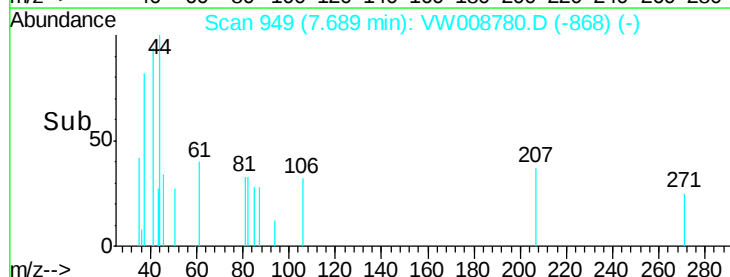
100

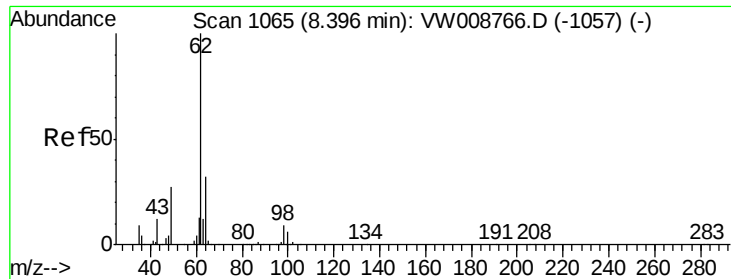
50

0

7.66 7.67 7.68 7.69 7.70

Time-->





#42

1,2-Dichloroethane

Concen: 156.283 ug/l

RT: 8.55 min Scan# 1090

Delta R.T. 0.15 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampled :

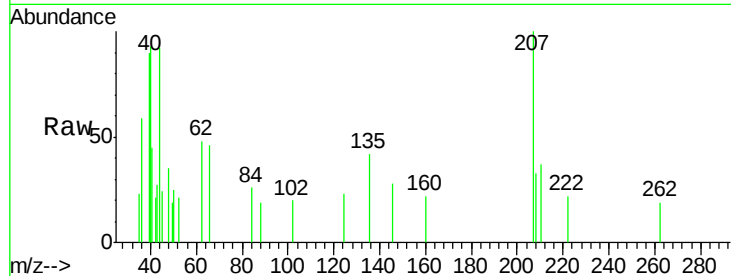
RBR-200030

Tot Ion: 62 Resp: 75

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

8.55

150

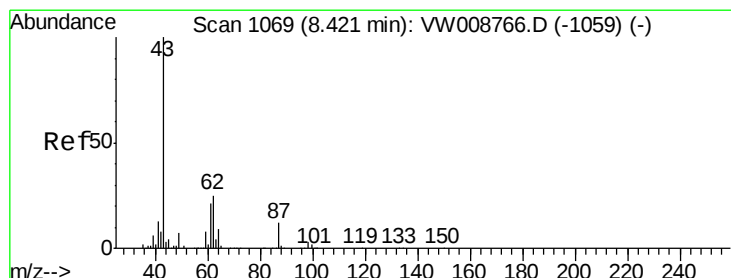
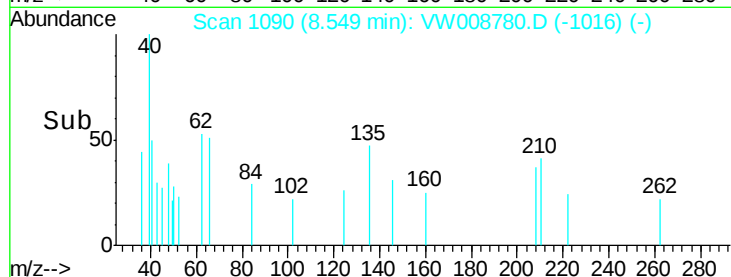
100

50

0

8.54 8.56

Time-->



#43

Isopropyl Acetate

Concen: 413.621 ug/l

RT: 8.64 min Scan# 1105

Delta R.T. 0.22 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

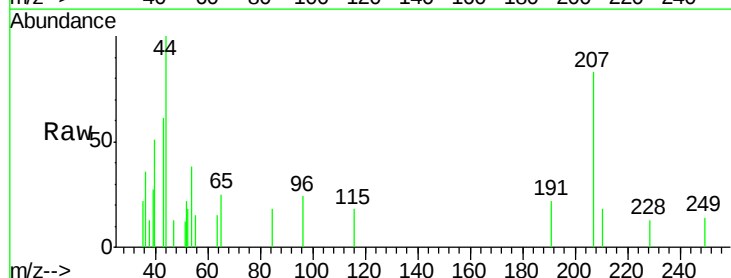
Tgt Ion: 43 Resp: 213

Ion Ratio Lower Upper

43 100

61 0.0 23.2 34.8#

87 0.0 9.9 14.9#



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

300

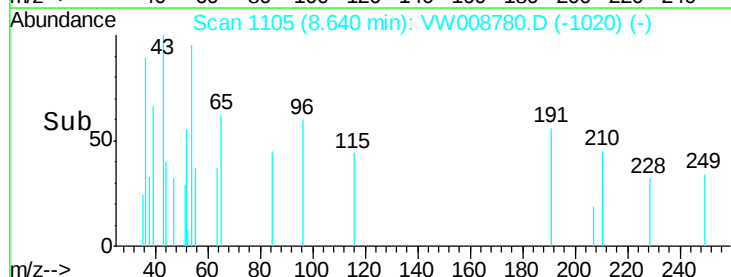
200

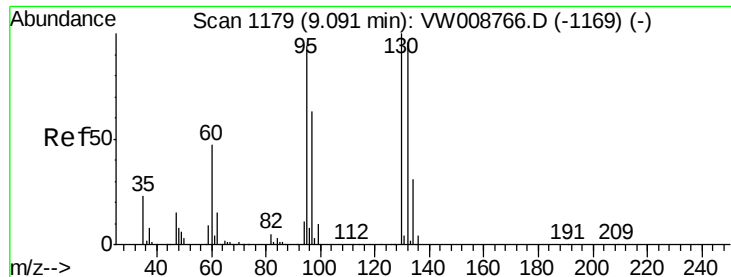
100

0

8.62 8.63 8.64 8.65 8.66

Time-->





#44

Trichloroethene

Concen: 89.041 ug/l

RT: 9.31 min Scan# 1215

Delta R.T. 0.22 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampled :

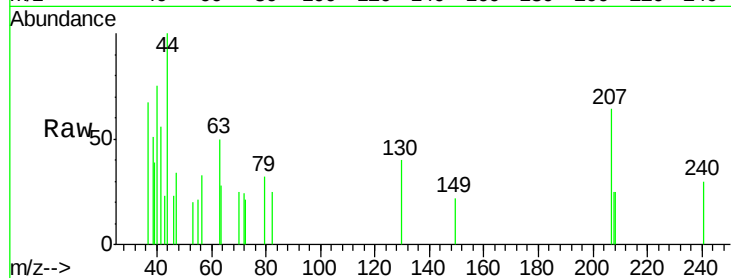
RBR-200030

Tot Ion:130 Resp: 38

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

9.31

100

80

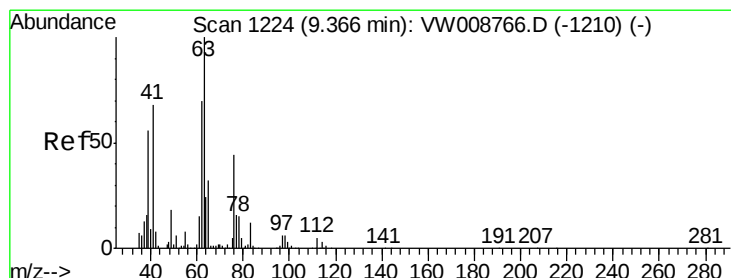
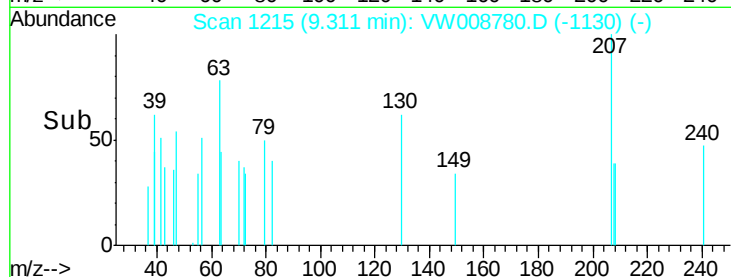
60

40

20

0

Time--> 9.29 9.30 9.31 9.32 9.33



#45

1,2-Dichloropropane

Concen: 98.835 ug/l

RT: 9.69 min Scan# 1277

Delta R.T. 0.32 min

Lab File: VW008780.D

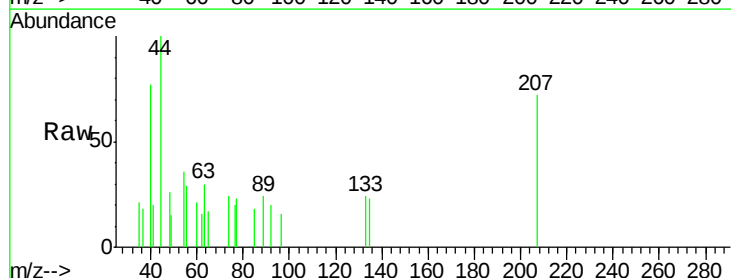
Acq: 21 Feb 2019 19:57

Tgt Ion: 63 Resp: 37

Ion Ratio Lower Upper

63 100

65 58.0 25.5 38.3#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

9.69

100

80

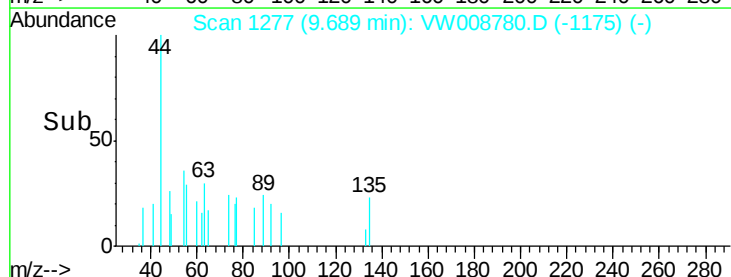
60

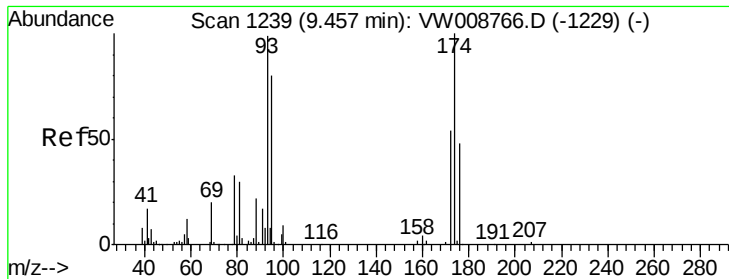
40

20

0

Time--> 9.67 9.68 9.69 9.70





#46

Dibromomethane

Concen: 345.764 ug/l

RT: 9.50 min Scan# 1246

Delta R.T. 0.04 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

RBR-200030

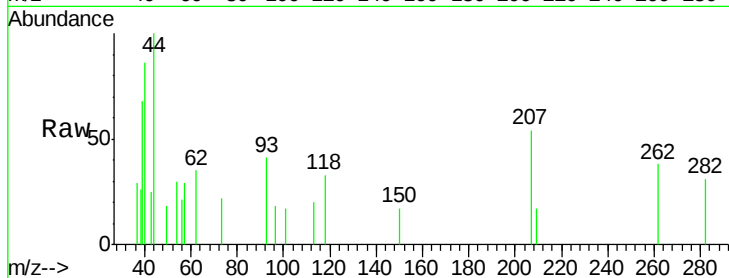
Tot Ion: 93 Resp: 72

Ion Ratio Lower Upper

93 100

95 0.0 67.7 101.5#

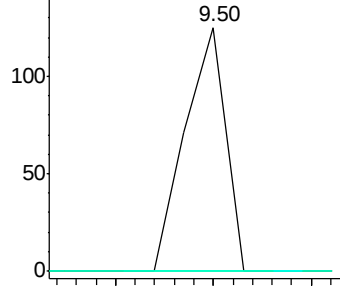
174 0.0 86.7 130.1#



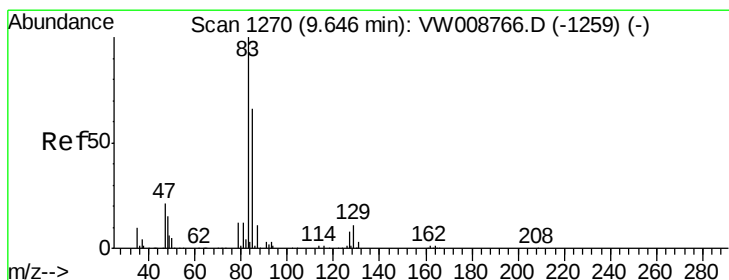
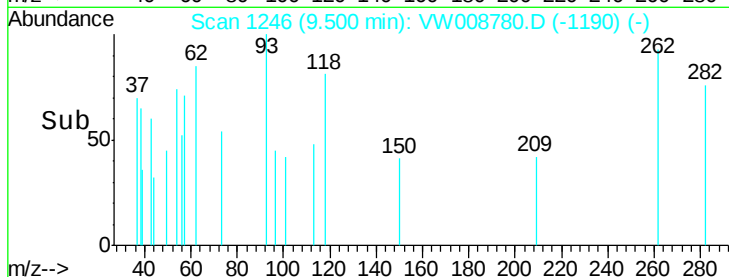
Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V



Time-->



#47

Bromodichloromethane

Concen: 96.716 ug/l

RT: 9.84 min Scan# 1301

Delta R.T. 0.19 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

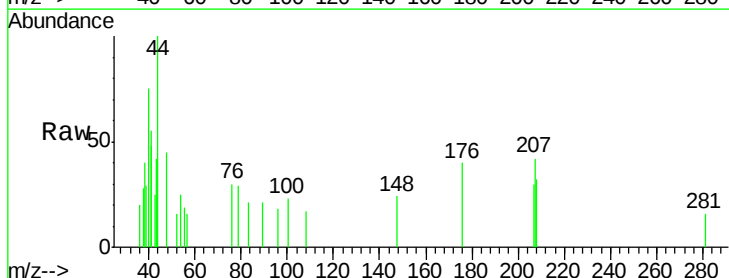
Tgt Ion: 83 Resp: 49

Ion Ratio Lower Upper

83 100

85 0.0 52.5 78.7#

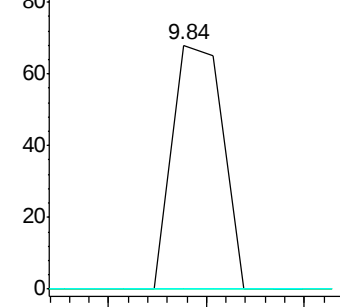
127 0.0 6.7 10.1#



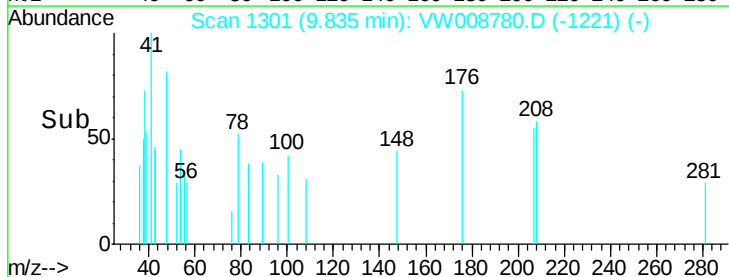
Abundance Ion 82.90 (82.60 to 83.60): VW

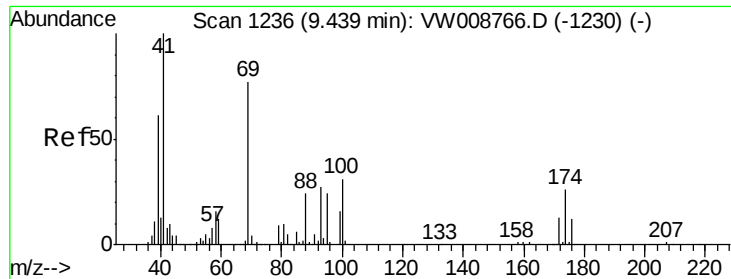
Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



Time-->

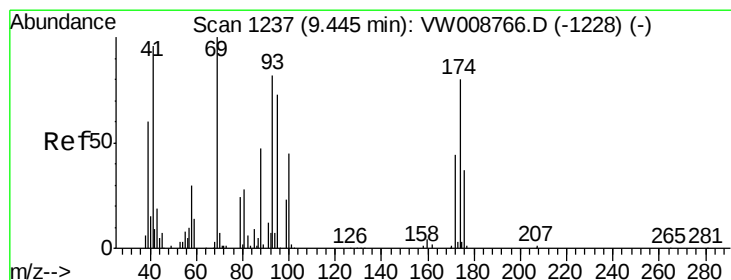
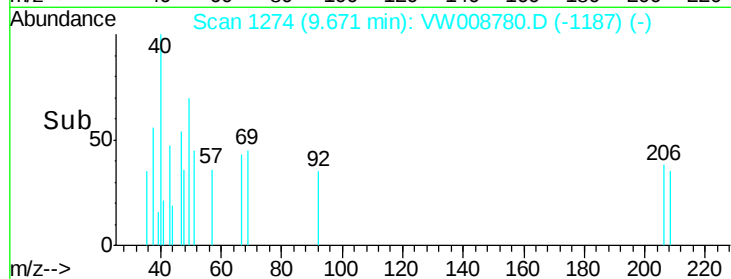
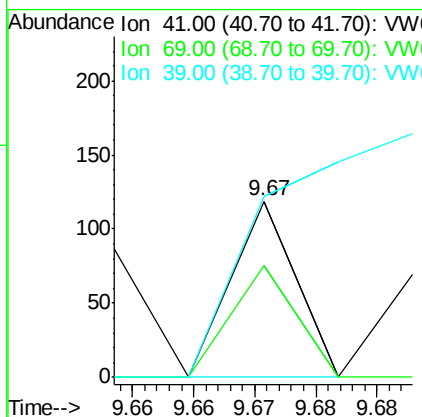
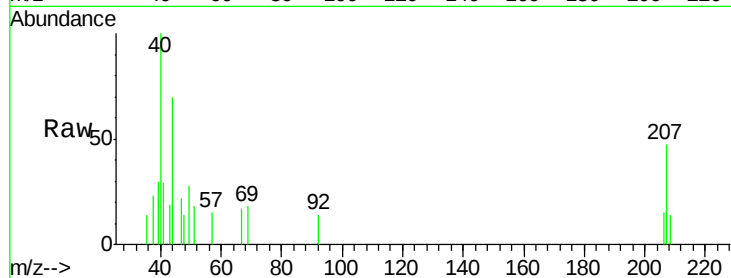




#48
Methvl methacrylate
Concen: 178.400 ug/l
RT: 9.67 min Scan# 1274
Delta R.T. 0.23 min
Lab File: VW008780.D
Acq: 21 Feb 2019 19:57

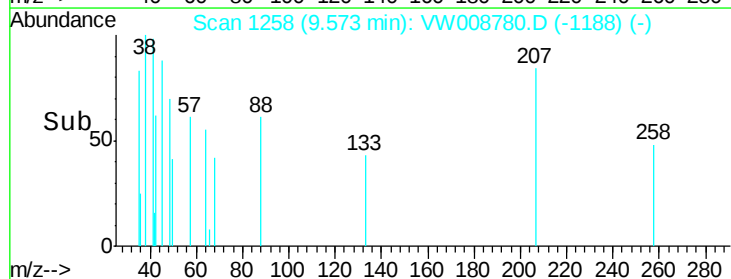
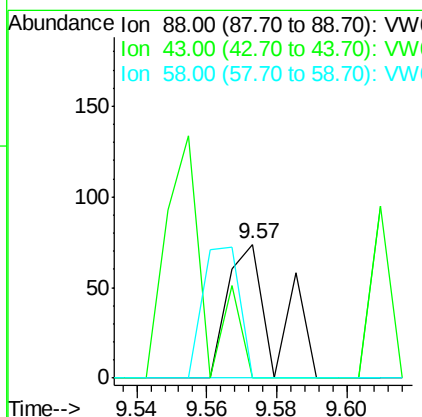
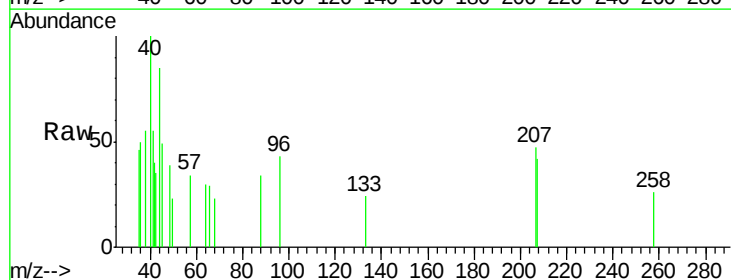
Instrument :
MSVOA_W
ClientSampled :
RBR-200030

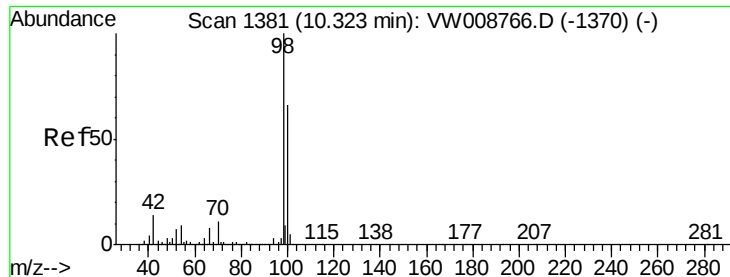
Tot Ion: 41 Resp: 44
Ion Ratio Lower Upper
41 100
69 61.4 63.6 95.4#
39 359.1 52.1 78.1#



#49
1,4-Dioxane
Concen: 20991.474 ug/l
RT: 9.57 min Scan# 1258
Delta R.T. 0.13 min
Lab File: VW008780.D
Acq: 21 Feb 2019 19:57

Tgt Ion: 88 Resp: 70
Ion Ratio Lower Upper
88 100
43 145.7 29.0 43.4#
58 74.3 52.0 78.0





#50

Toluene-d8

Concen: 43.902 ug/l

RT: 10.74 min Scan# 1450

Delta R.T. 0.42 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampled :

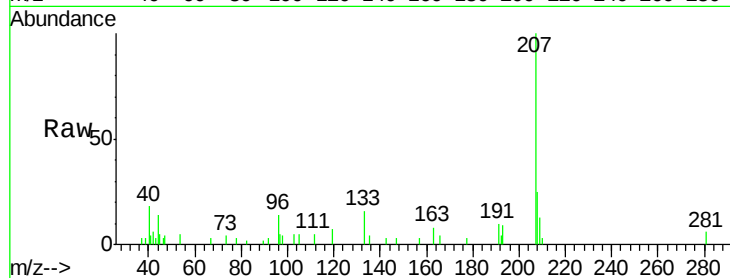
RBR-200030

Tot Ion: 98 Resp: 58

Ion Ratio Lower Upper

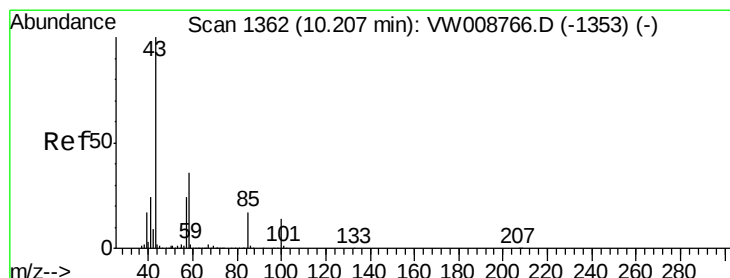
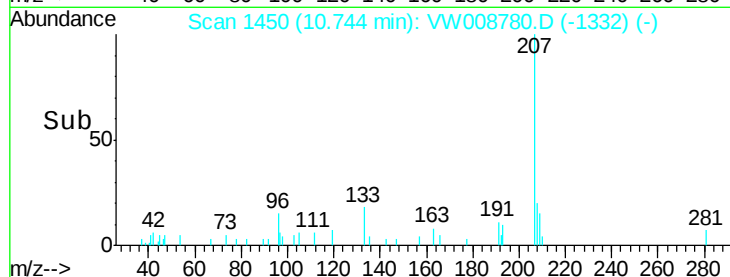
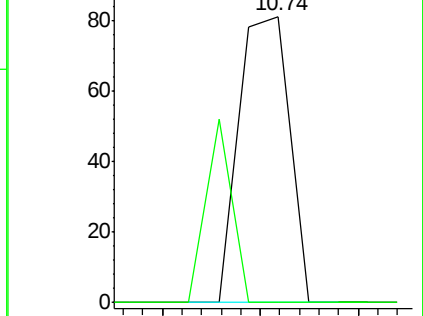
98 100

100 32.8 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: 103.272 ug/l

RT: 10.48 min Scan# 1406

Delta R.T. 0.27 min

Lab File: VW008780.D

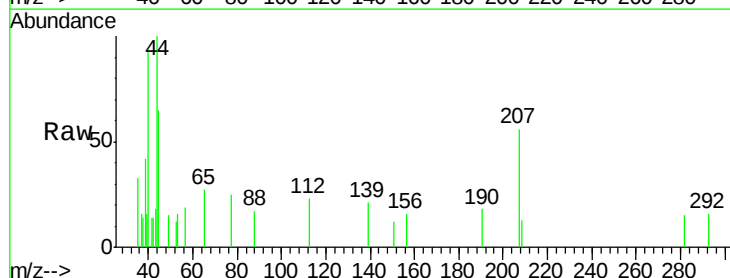
Acq: 21 Feb 2019 19:57

Tgt Ion: 43 Resp: 27

Ion Ratio Lower Upper

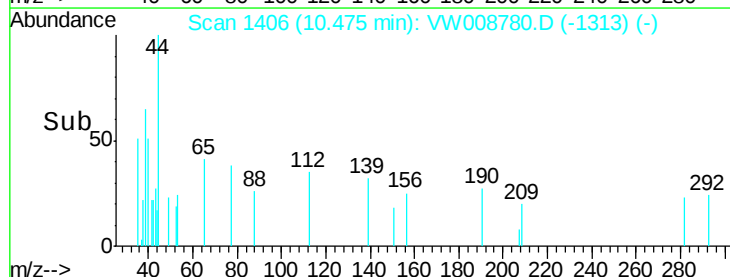
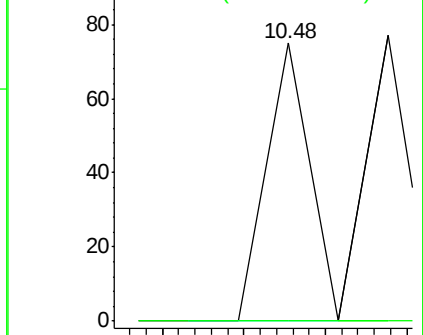
43 100

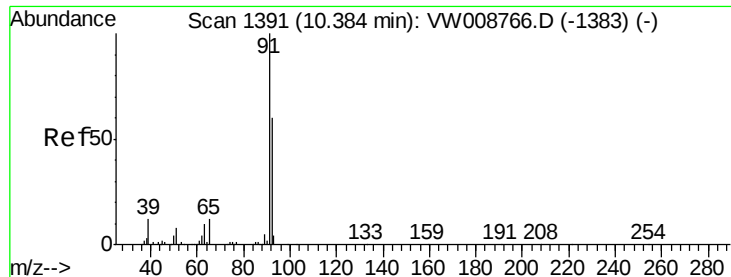
58 0.0 29.1 43.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#52

Toluene

Concen: 55.439 ug/l

RT: 10.65 min Scan# 1435

Delta R.T. 0.27 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampled :

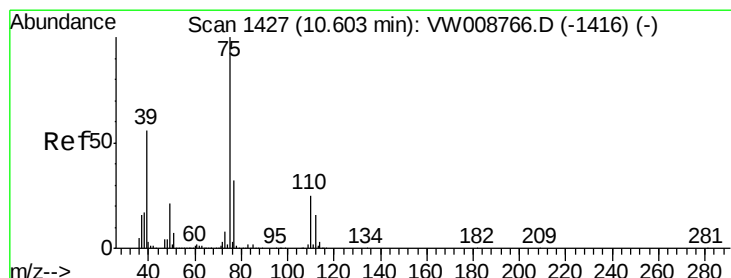
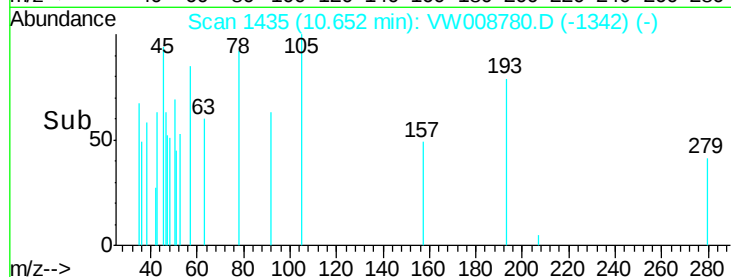
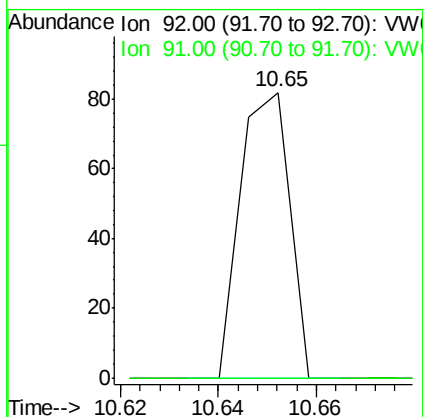
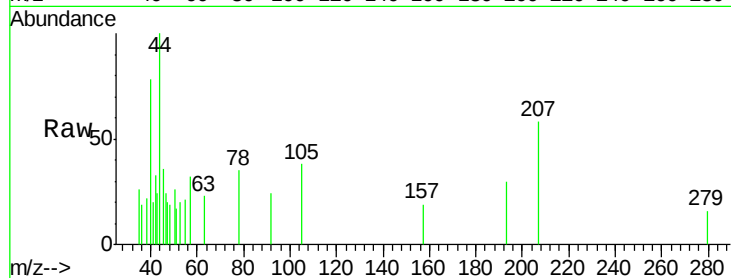
RBR-200030

Tot Ion: 92 Resp: 57

Ion Ratio Lower Upper

92 100

91 0.0 136.9 205.3#



#53

t-1,3-Dichloropropene

Concen: 102.634 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. 0.32 min

Lab File: VW008780.D

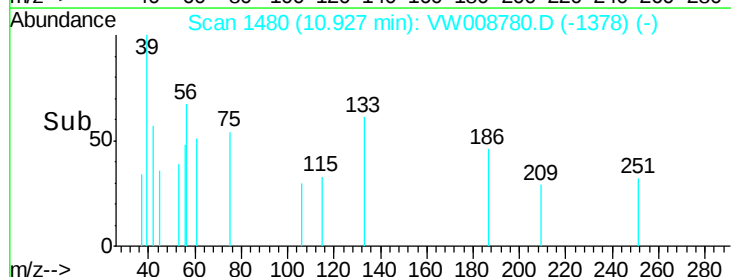
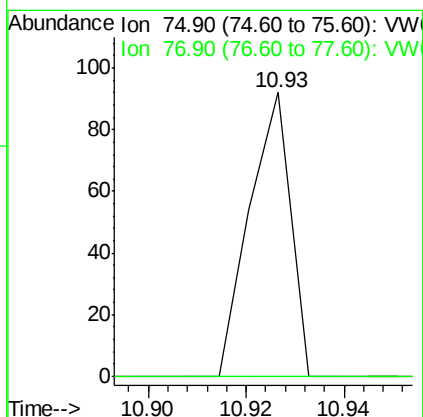
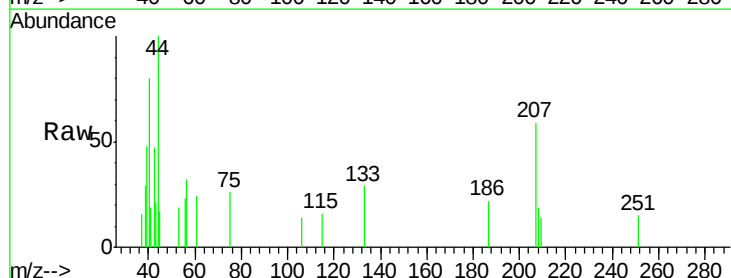
Acq: 21 Feb 2019 19:57

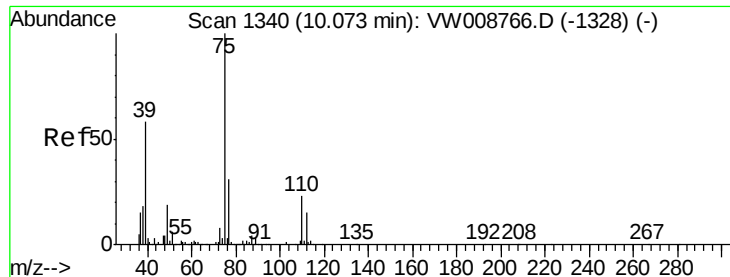
Tgt Ion: 75 Resp: 53

Ion Ratio Lower Upper

75 100

77 0.0 26.1 39.1#





#54

cis-1,3-Dichloropropene

Concen: 74.708 ug/l

RT: 10.38 min Scan# 1390

Delta R.T. 0.30 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampled :

RBR-200030

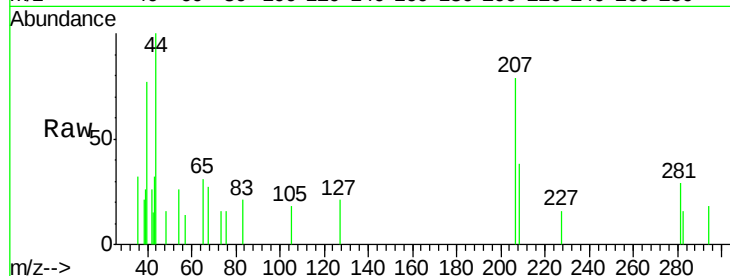
Tot Ion: 75 Resp: 44

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.4#

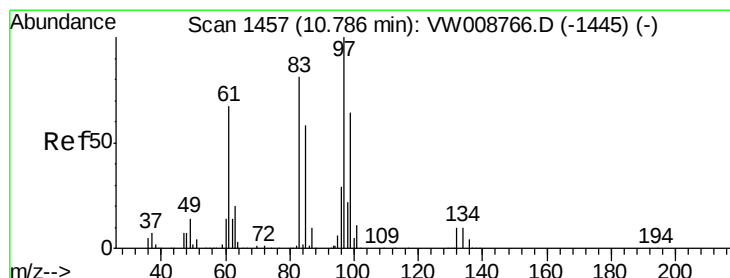
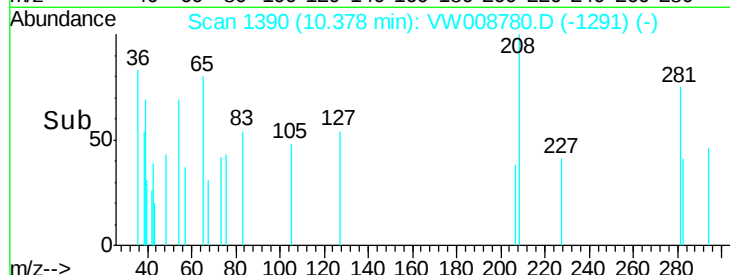
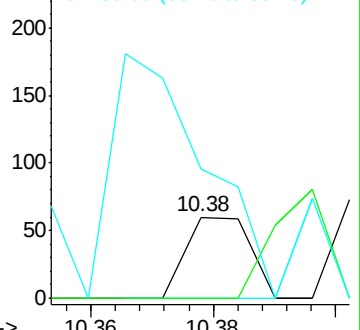
39 160.0 46.6 70.0#



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: 336.403 ug/l

RT: 11.01 min Scan# 1494

Delta R.T. 0.23 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Tgt Ion: 97 Resp: 95

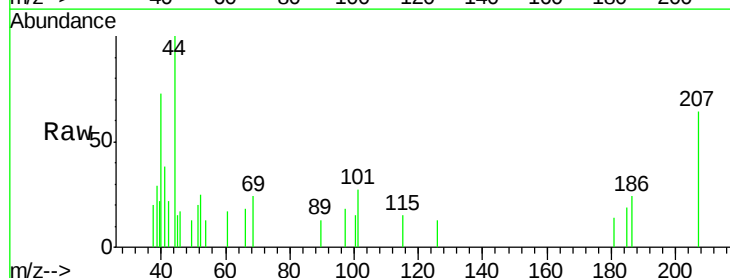
Ion Ratio Lower Upper

97 100

83 0.0 65.0 97.6#

85 0.0 46.0 69.0#

99 0.0 51.1 76.7#

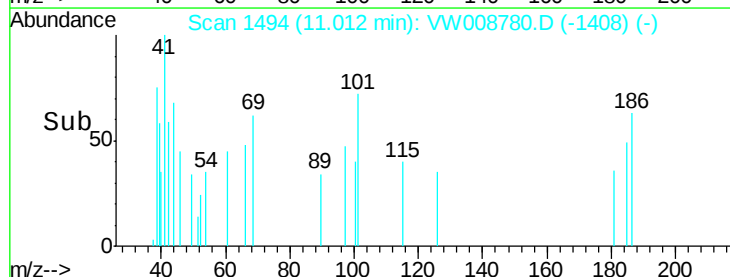
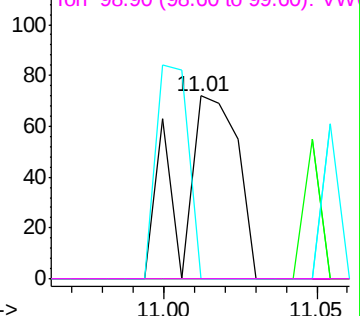


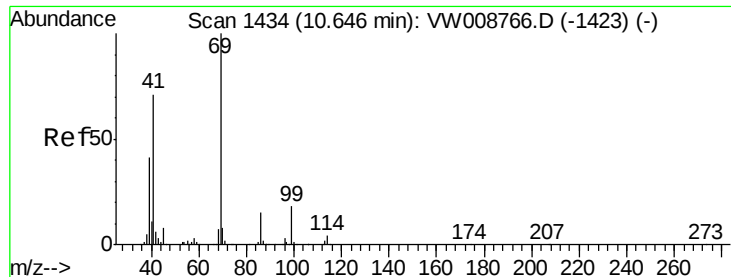
Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW





#56

Ethyl methacrylate

Concen: 59.962 ug/l

RT: 10.89 min Scan# 1474

Delta R.T. 0.24 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

RBR-200030

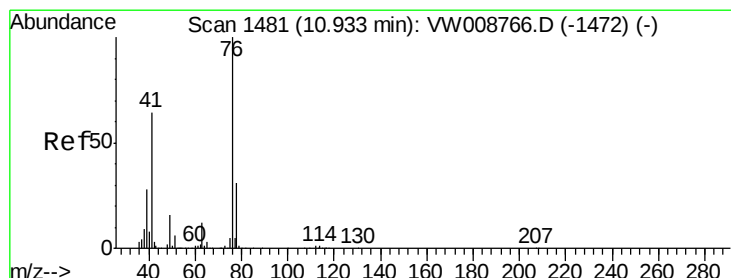
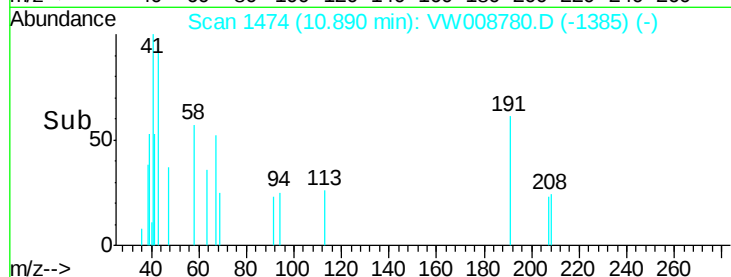
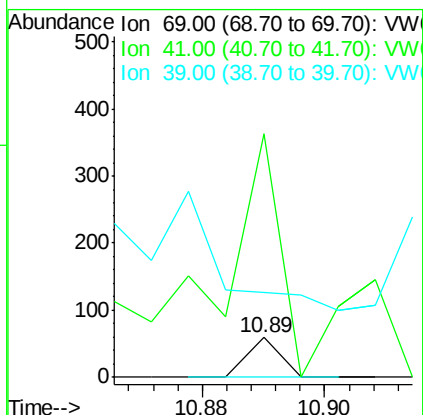
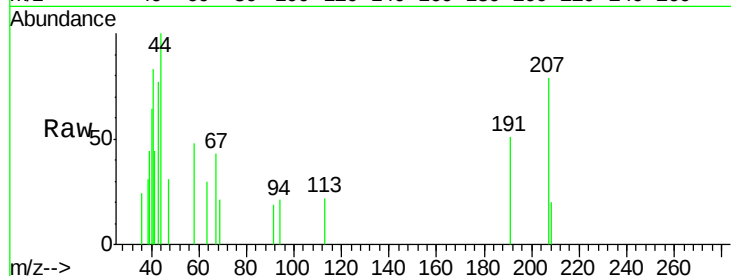
Tot Ion: 69 Resp: 22

Ion Ratio Lower Upper

69 100

41 1745.5 57.4 86.0#

39 2204.5 34.8 52.2#



#57

1,3-Dichloropropane

Concen: 112.313 ug/l

RT: 11.19 min Scan# 1524

Delta R.T. 0.26 min

Lab File: VW008780.D

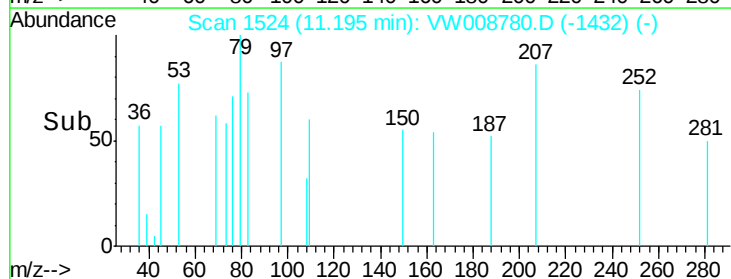
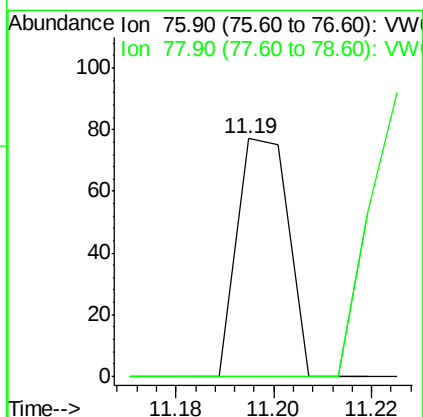
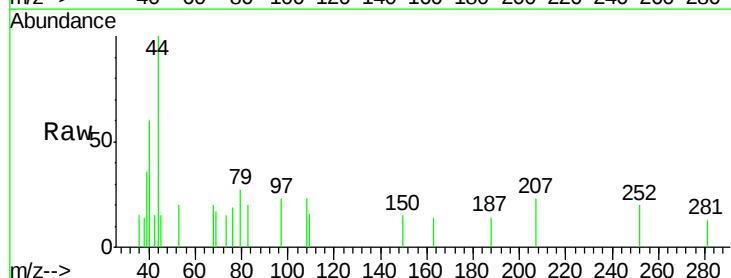
Acq: 21 Feb 2019 19:57

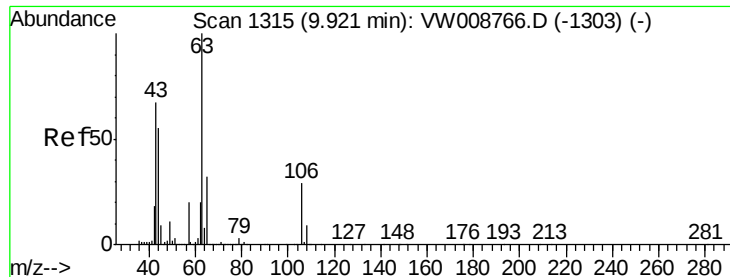
Tgt Ion: 76 Resp: 56

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.8#

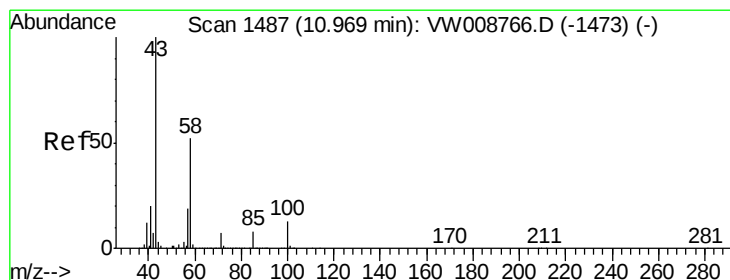
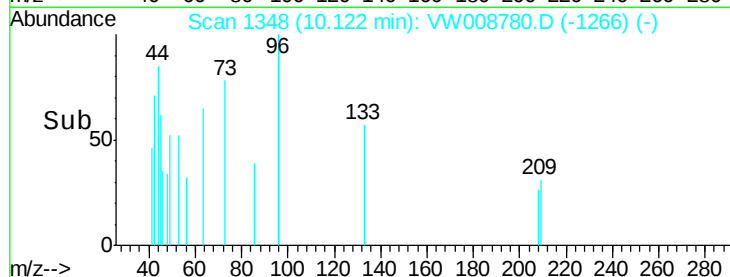
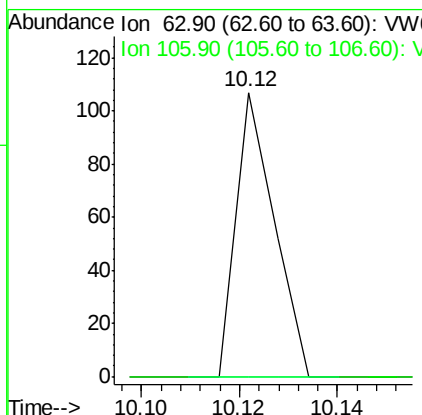
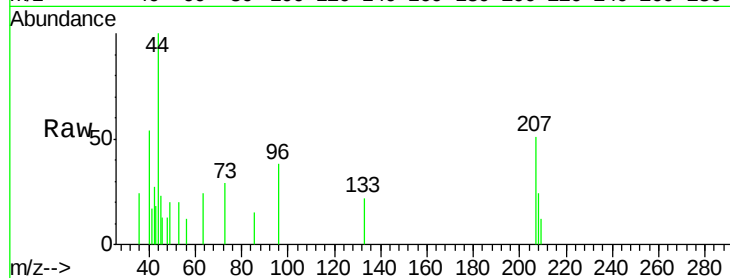




#58
 2-Chloroethyl Vinyl ether
 Concen: 314.314 ug/l
 RT: 10.12 min Scan# 1348
 Delta R.T. 0.20 min
 Lab File: VW008780.D
 Acq: 21 Feb 2019 19:57

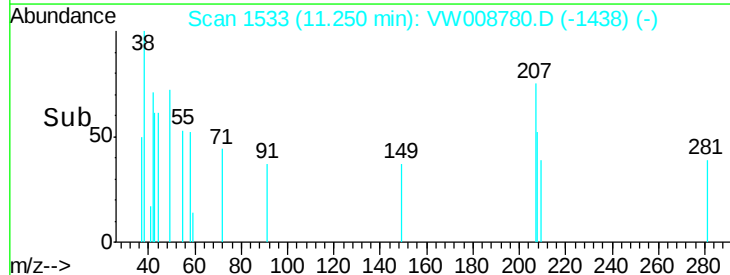
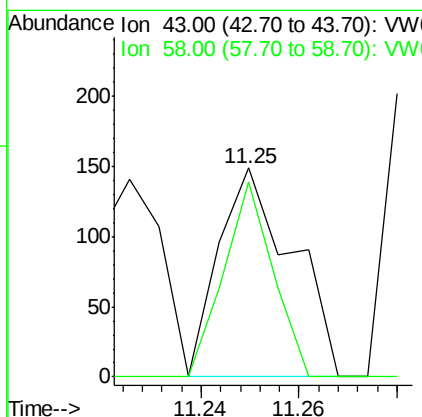
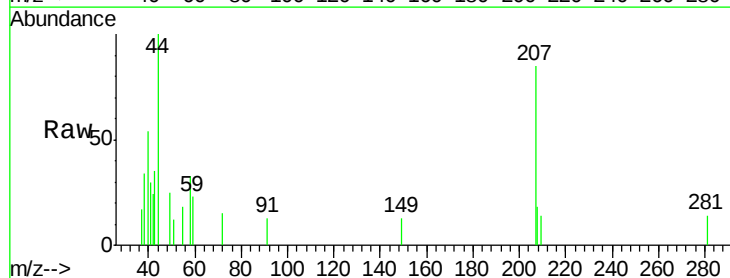
Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200030

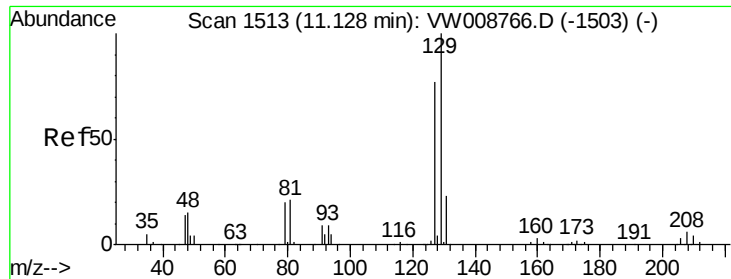
Tot Ion: 63 Resp: 58
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.0 36.0#



#59
 2-Hexanone
 Concen: 832.850 ug/l
 RT: 11.25 min Scan# 1533
 Delta R.T. 0.28 min
 Lab File: VW008780.D
 Acq: 21 Feb 2019 19:57

Tgt Ion: 43 Resp: 155
 Ion Ratio Lower Upper
 43 100
 58 62.6 25.3 75.8





#60

Dibromochloromethane

Concen: 89.998 ug/l

RT: 11.56 min Scan# 1584

Delta R.T. 0.43 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

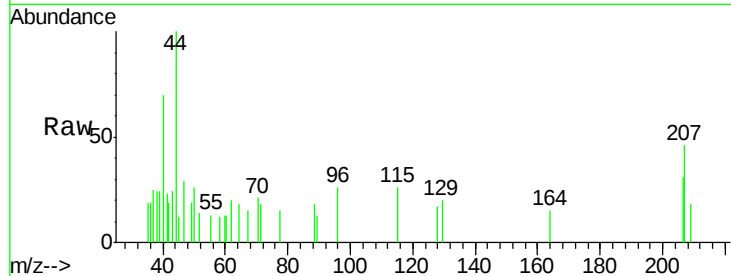
RBR-200030

Tot Ion:129 Resp: 31

Ion Ratio Lower Upper

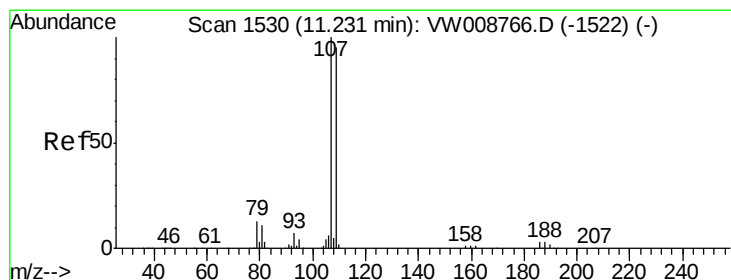
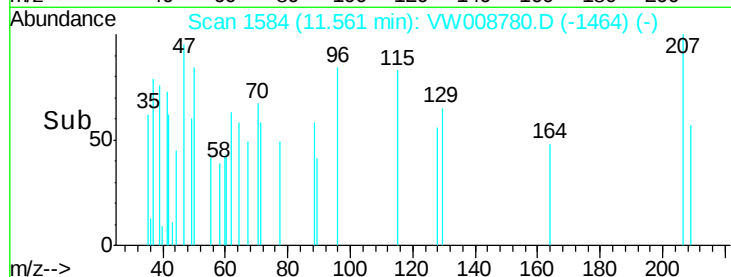
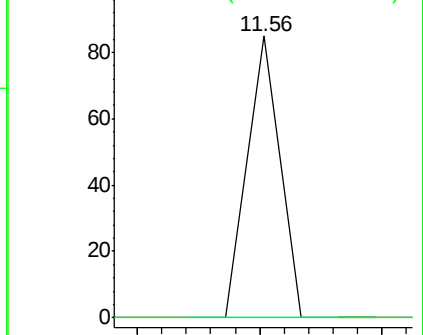
129 100

127 0.0 39.0 116.9#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 164.561 ug/l

RT: 11.41 min Scan# 1560

Delta R.T. 0.18 min

Lab File: VW008780.D

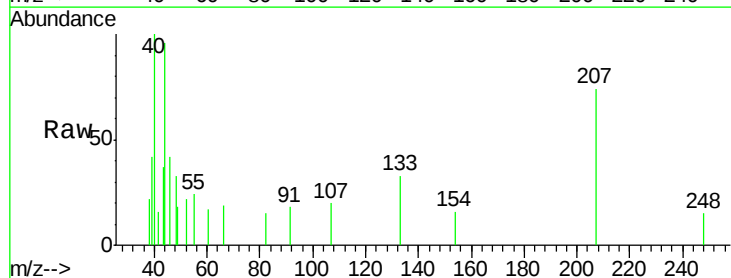
Acq: 21 Feb 2019 19:57

Tgt Ion:107 Resp: 46

Ion Ratio Lower Upper

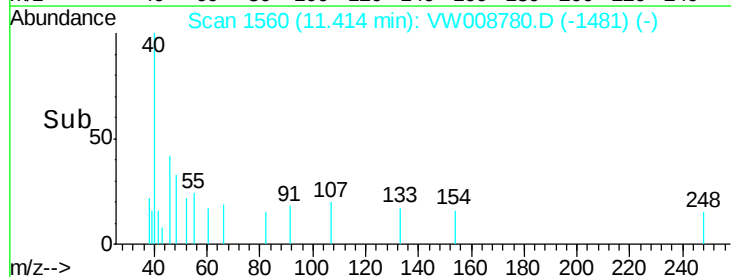
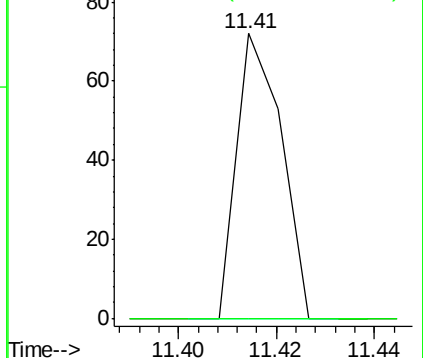
107 100

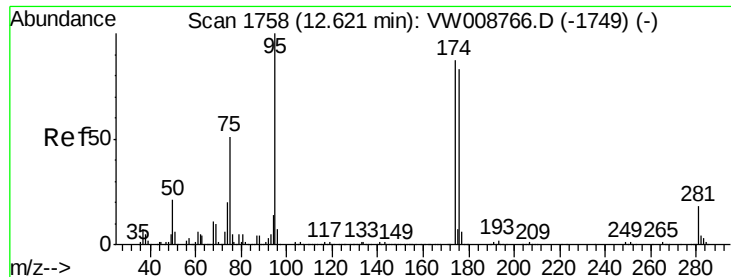
109 0.0 75.6 113.4#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 144.990 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.28 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

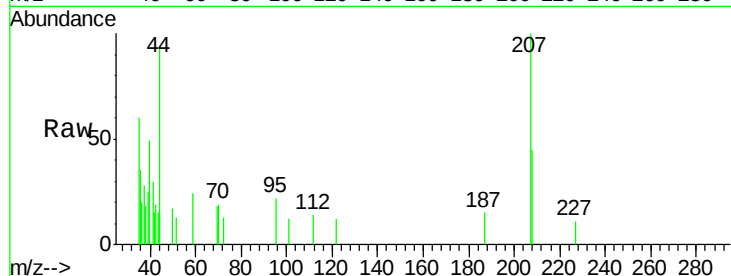
Instrument :

MSVOA_W

ClientSampled :

RBR-200030

Tot Ion:	95	Resp:	75
Ion Ratio	Lower	Upper	
95	100		
174	0.0	0.0	169.2
176	0.0	0.0	163.6



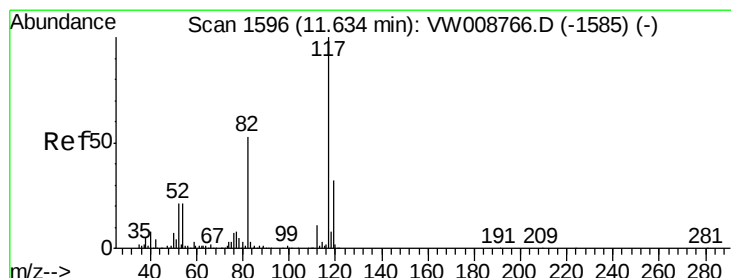
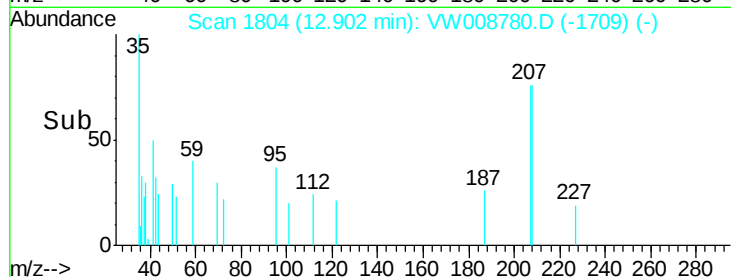
Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

12.90

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

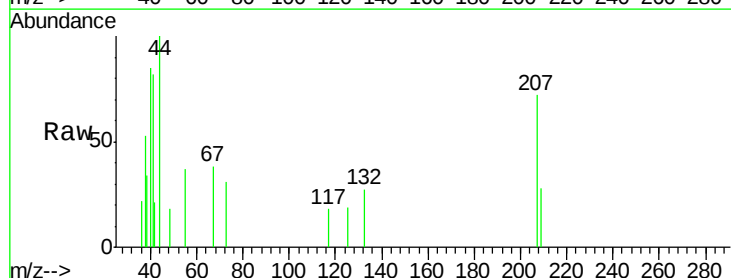
RT: 12.00 min Scan# 1656

Delta R.T. 0.37 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Tgt Ion:	117	Resp:	19
Ion Ratio	Lower	Upper	
117	100		
82	0.0	42.2	63.4#
119	0.0	25.9	38.9#



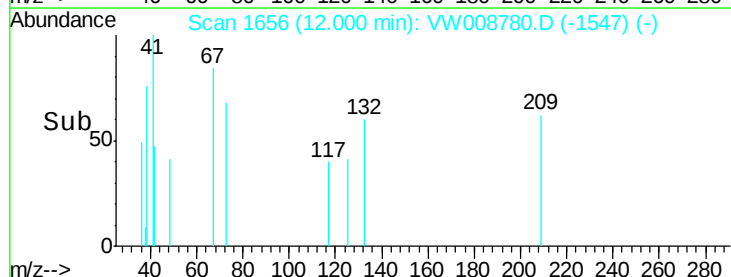
Abundance Ion 116.90 (116.60 to 117.60): VW

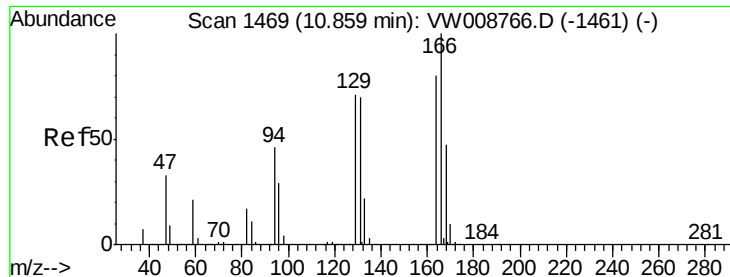
Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

12.00

Time-->





#64

Tetrachloroethene

Concen: 249.991 ug/l

RT: 10.85 min Scan# 1467

Delta R.T. -0.01 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampled :

RBR-200030

Tot Ion:164 Resp: 34

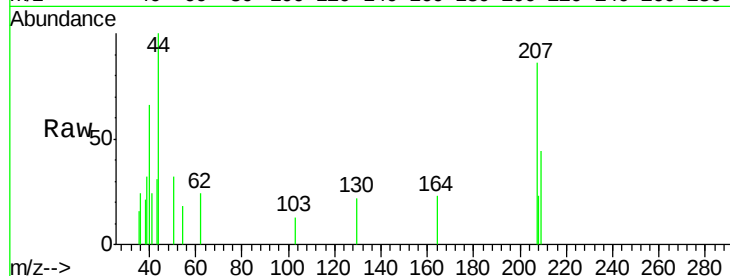
Ion Ratio Lower Upper

164 100

166 0.0 99.5 149.3#

129 0.0 71.1 106.7#

131 0.0 69.8 104.8#

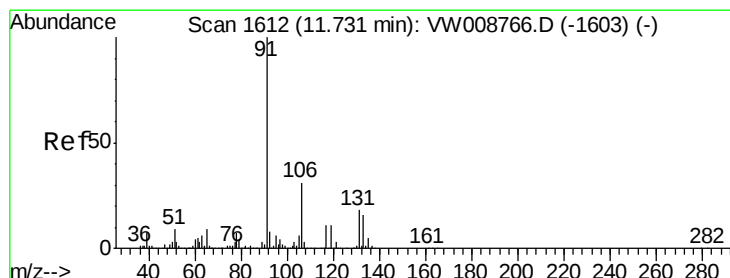
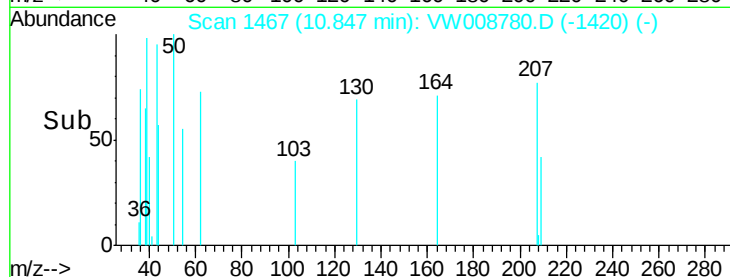
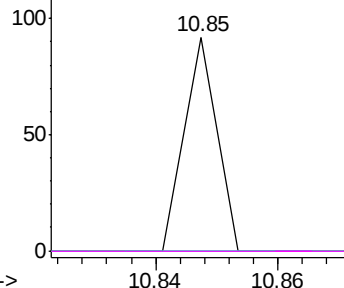


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 103.613 ug/l

RT: 11.72 min Scan# 1610

Delta R.T. -0.01 min

Lab File: VW008780.D

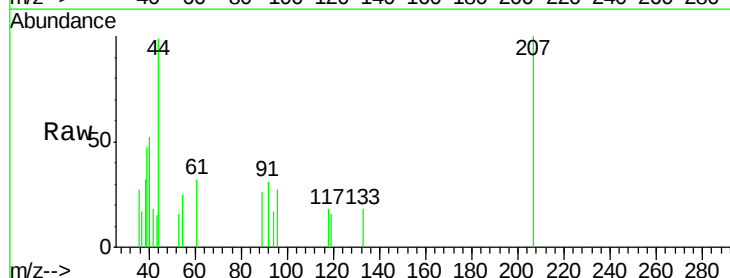
Acq: 21 Feb 2019 19:57

Tgt Ion: 91 Resp: 74

Ion Ratio Lower Upper

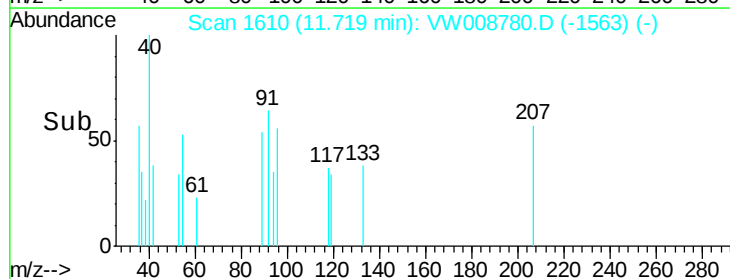
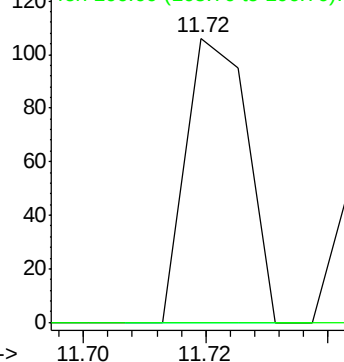
91 100

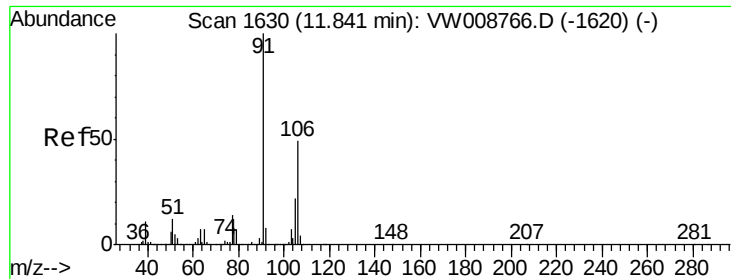
106 0.0 25.0 37.6#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

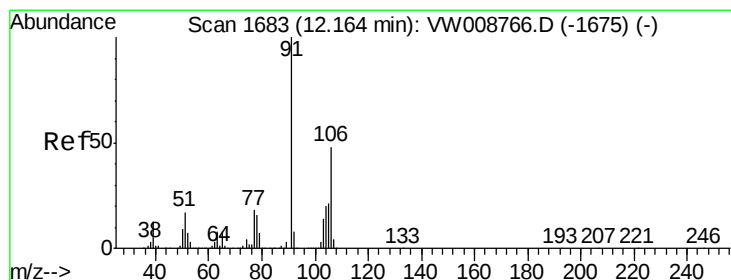
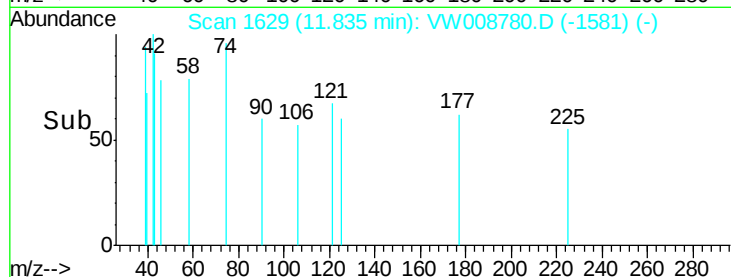
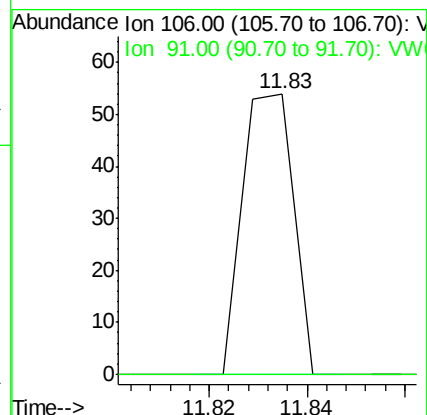
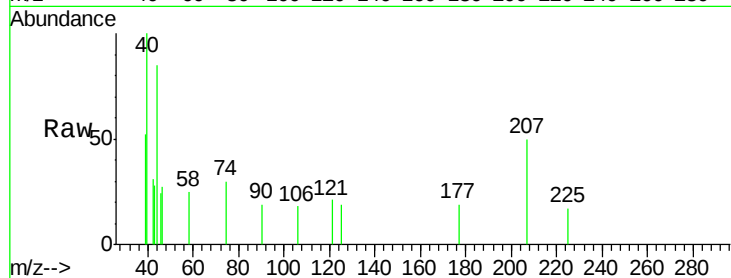




#68
m/p-Xylenes
Concen: 136.670 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008780.D
Acq: 21 Feb 2019 19:57

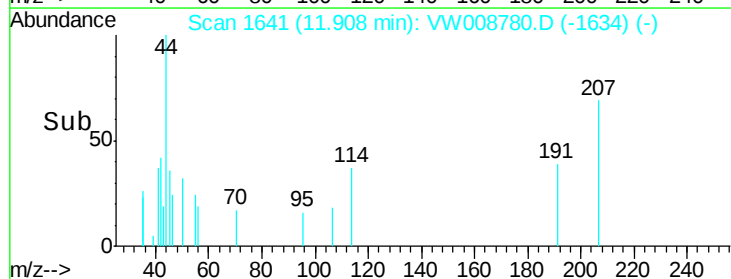
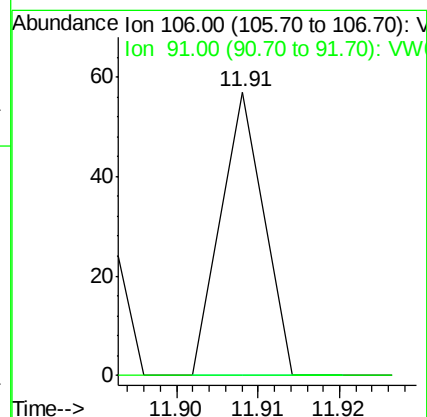
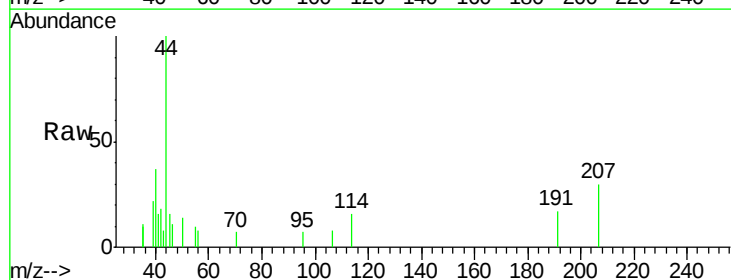
Instrument :
MSVOA_W
ClientSampled :
RBR-200030

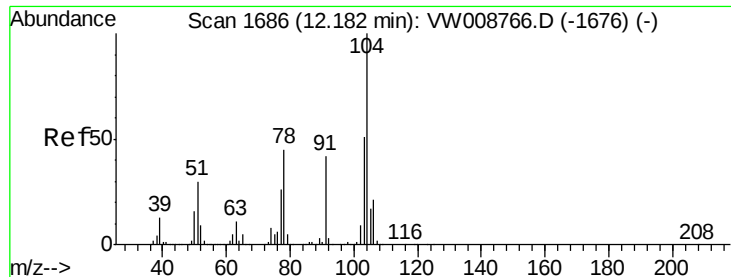
Tot Ion:106 Resp: 39
Ion Ratio Lower Upper
106 100
91 0.0 161.5 242.3#



#69
o-Xylene
Concen: 78.405 ug/l
RT: 11.91 min Scan# 1641
Delta R.T. -0.26 min
Lab File: VW008780.D
Acq: 21 Feb 2019 19:57

Tgt Ion:106 Resp: 21
Ion Ratio Lower Upper
106 100
91 0.0 106.2 318.6#

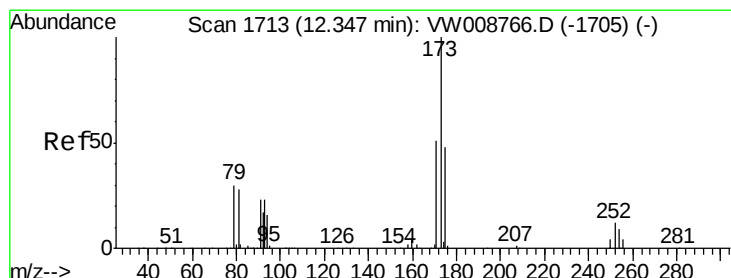
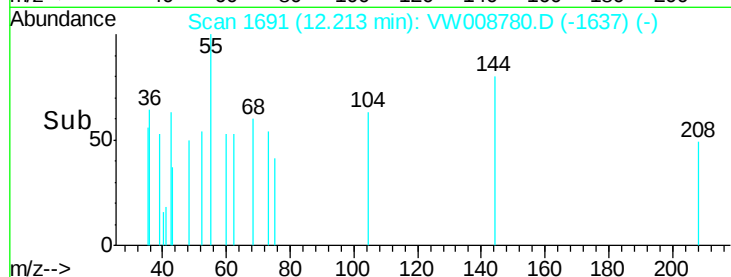
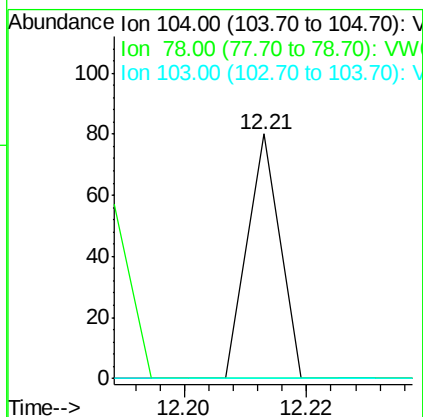
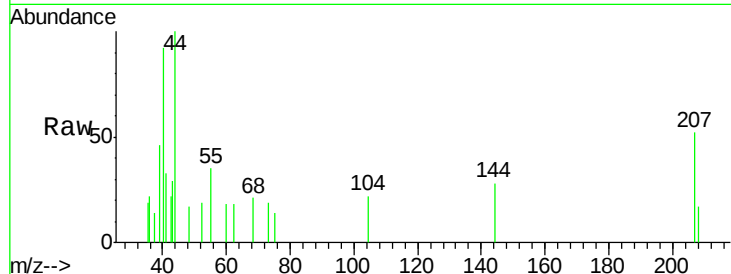




#70
Stvrene
Concen: 67.299 ug/l
RT: 12.21 min Scan# 1691
Delta R.T. 0.03 min
Lab File: VW008780.D
Acq: 21 Feb 2019 19:57

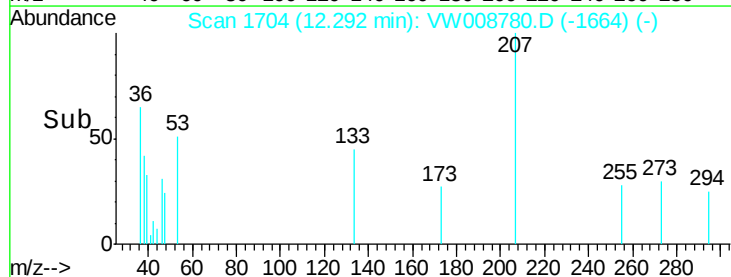
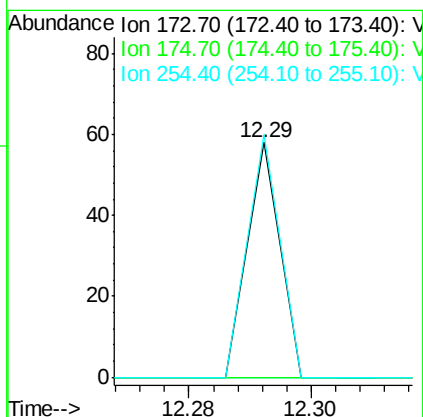
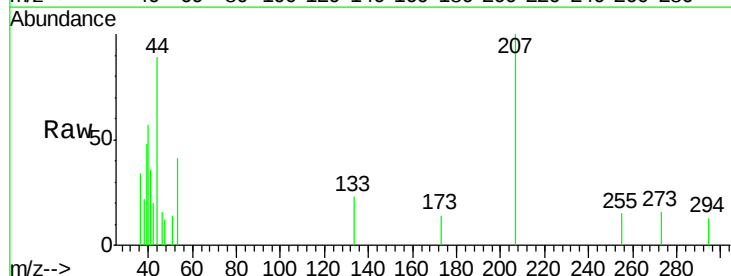
Instrument :
MSVOA_W
ClientSampleId :
RBR-200030

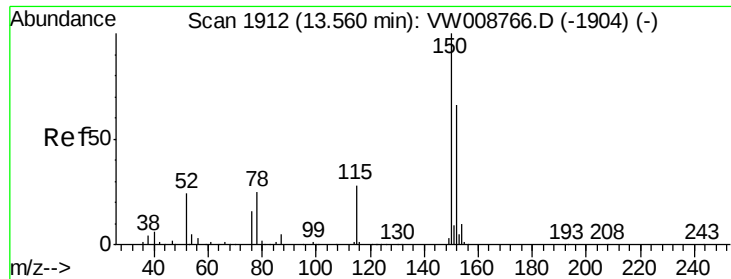
Tot Ion:104 Resp: 29
Ion Ratio Lower Upper
104 100
78 0.0 40.8 61.2#
103 0.0 44.2 66.2#



#71
Bromoform
Concen: 289.205 ug/l
RT: 12.29 min Scan# 1704
Delta R.T. -0.05 min
Lab File: VW008780.D
Acq: 21 Feb 2019 19:57

Tgt Ion:173 Resp: 21
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 104.8 0.2 0.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.60 min Scan# 1918

Delta R.T. 0.04 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampled :

RBR-200030

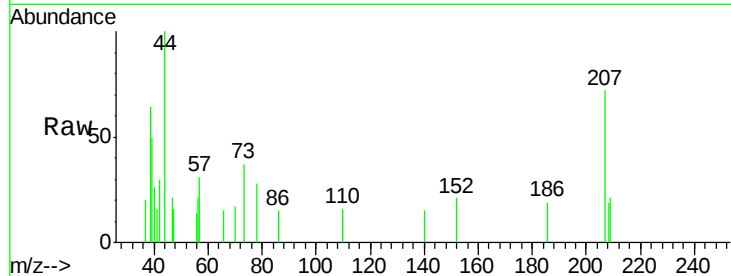
Tot Ion:152 Resp: 48

Ion Ratio Lower Upper

152 100

115 127.1 28.6 85.8#

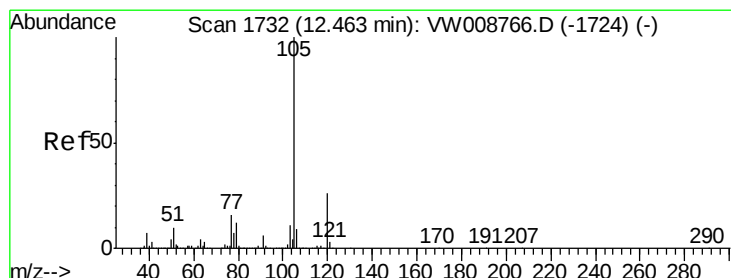
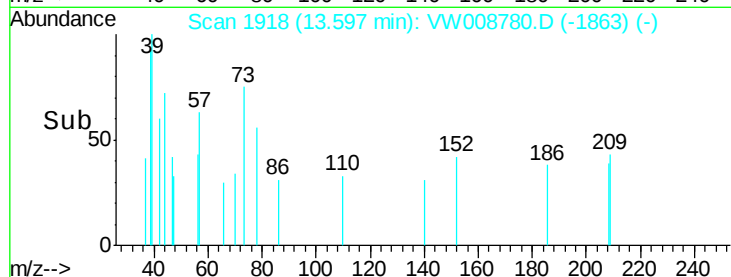
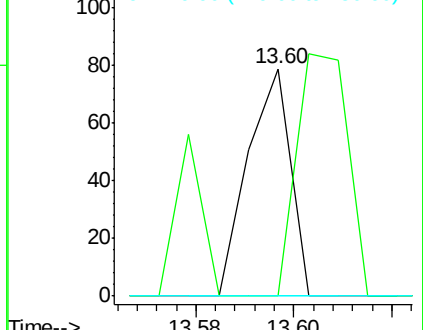
150 0.0 0.0 348.0



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: 6.686 ug/l

RT: 12.55 min Scan# 1746

Delta R.T. 0.09 min

Lab File: VW008780.D

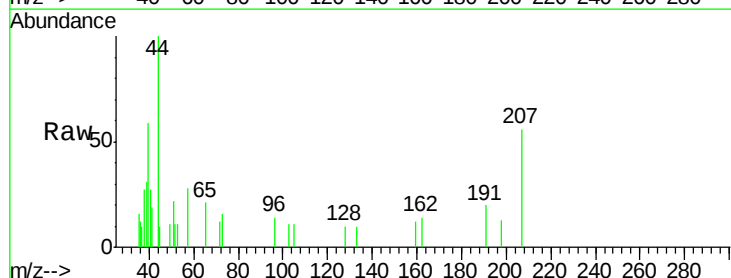
Acq: 21 Feb 2019 19:57

Tgt Ion:105 Resp: 22

Ion Ratio Lower Upper

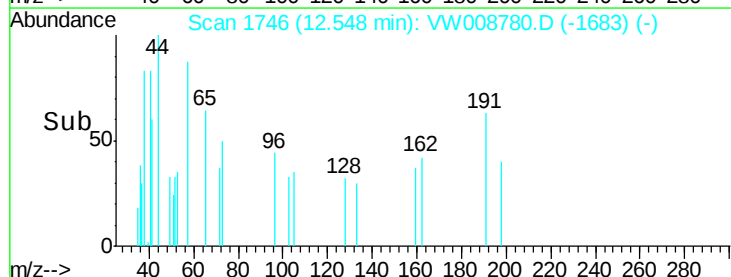
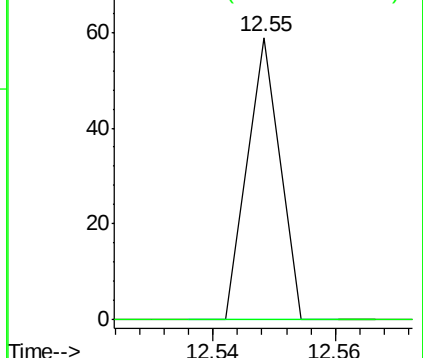
105 100

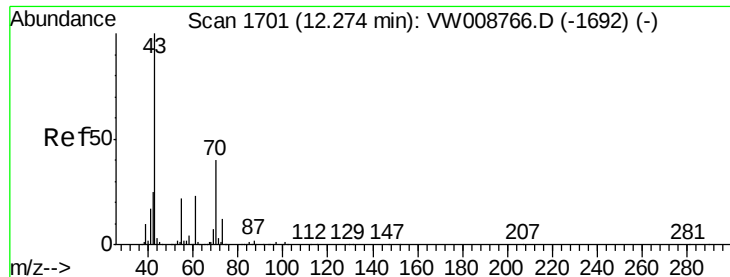
120 0.0 13.3 39.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 85.658 ug/l

RT: 12.32 min Scan# 1709

Delta R.T. 0.05 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

RBR-200030

Tot Ion: 43 Resp: 71

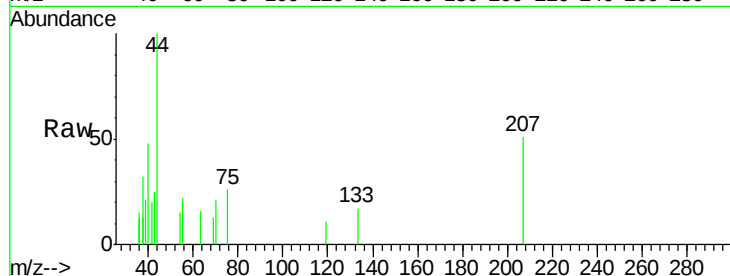
Ion Ratio Lower Upper

43 100

70 176.1 31.0 46.6#

55 54.9 18.7 28.1#

61 59.2 18.1 27.1#

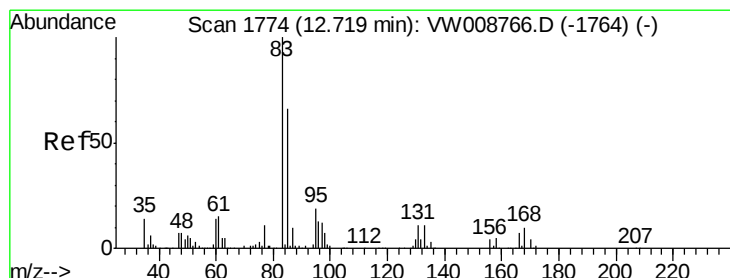
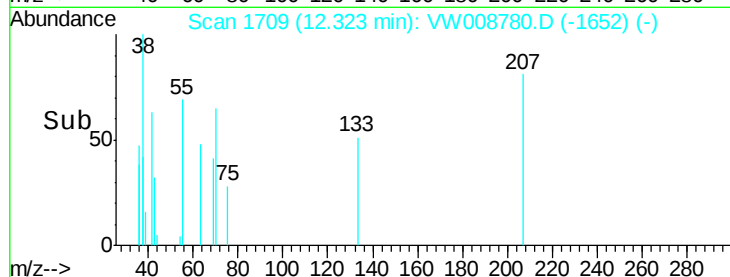
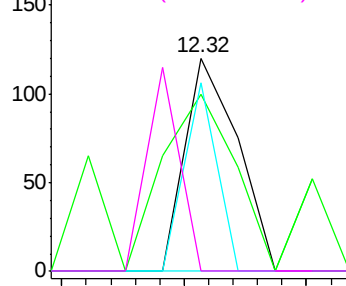


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#75

1,1,2,2-Tetrachloroethane

Concen: 35.338 ug/l

RT: 12.73 min Scan# 1775

Delta R.T. 0.01 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

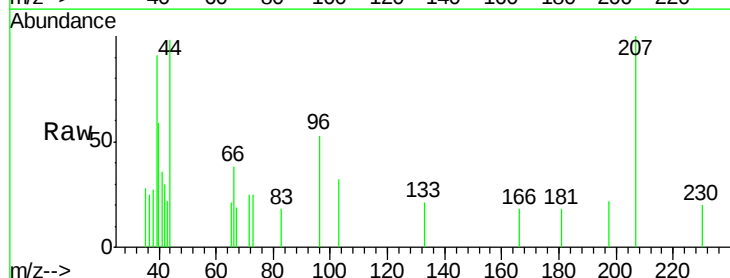
Tgt Ion: 83 Resp: 19

Ion Ratio Lower Upper

83 100

131 289.5 5.5 16.7#

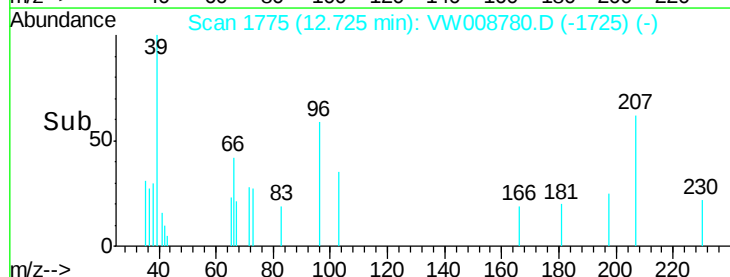
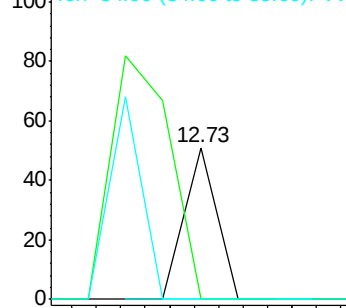
85 131.6 33.0 98.9#

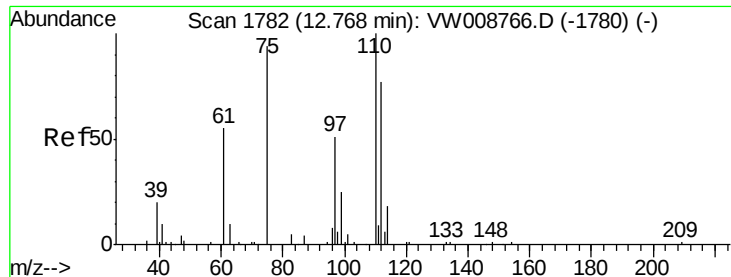


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 100.933 ug/l

RT: 12.65 min Scan# 1763

Delta R.T. -0.12 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

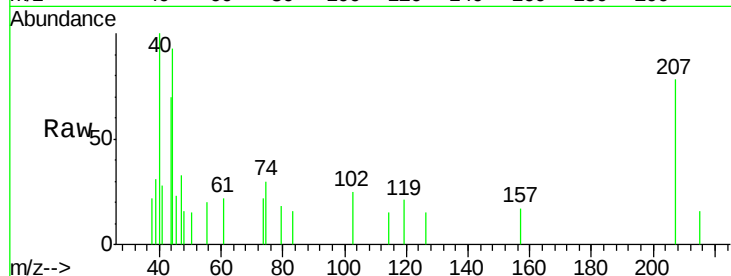
RBR-200030

Tot Ion: 75 Resp: 40

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

12.65

100

80

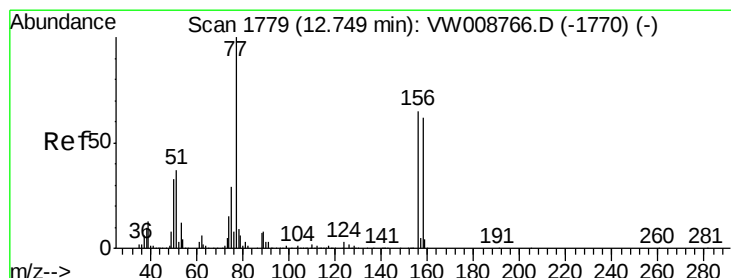
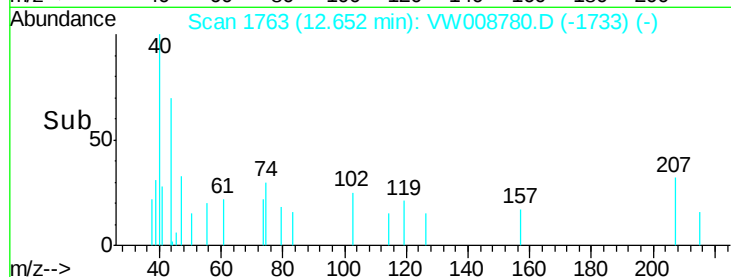
60

40

20

0

Time-->



#77

Bromobenzene

Concen: 36.008 ug/l

RT: 12.86 min Scan# 1797

Delta R.T. 0.11 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

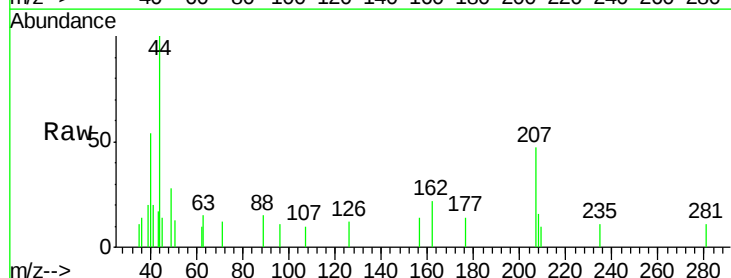
Tgt Ion: 156 Resp: 28

Ion Ratio Lower Upper

156 100

77 0.0 89.1 267.4#

158 0.0 49.2 147.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V

120

100

80

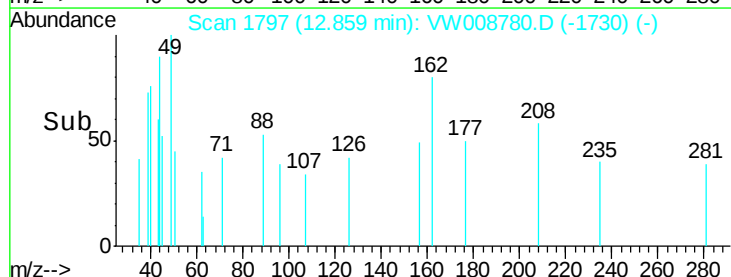
60

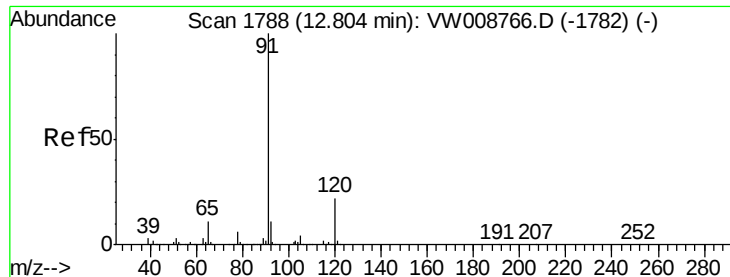
40

20

0

Time-->

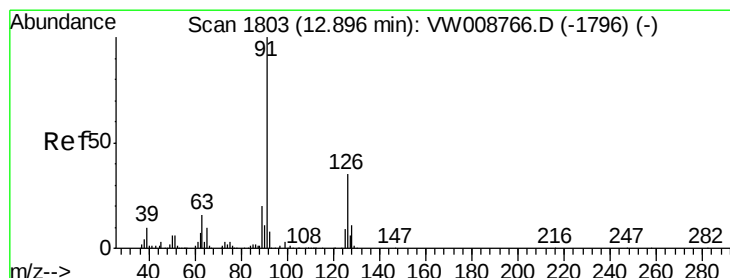
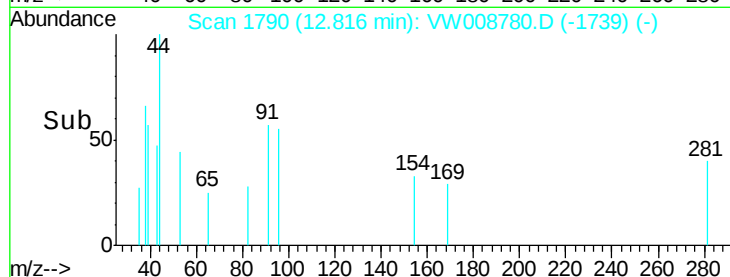
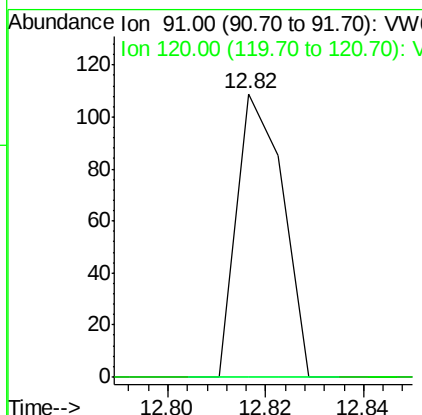
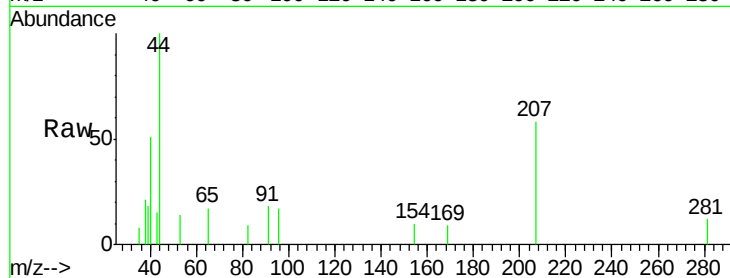




#78
n-propylbenzene
Concen: 17.639 ug/l
RT: 12.82 min Scan# 1790
Delta R.T. 0.01 min
Lab File: VW008780.D
Acq: 21 Feb 2019 19:57

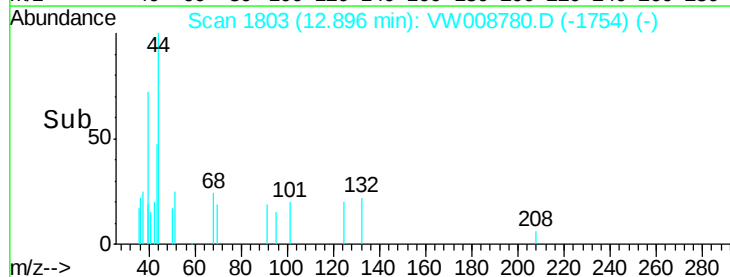
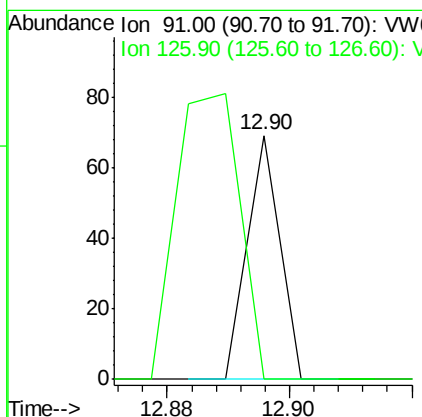
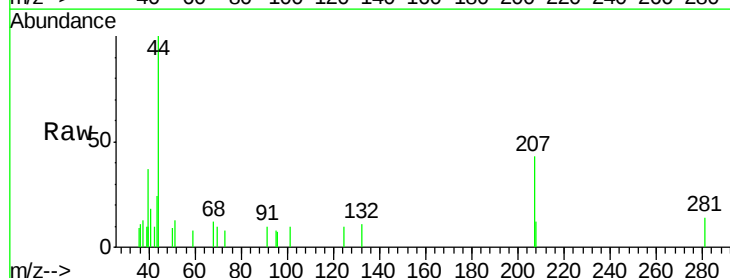
Instrument :
MSVOA_W
ClientSampleId :
RBR-200030

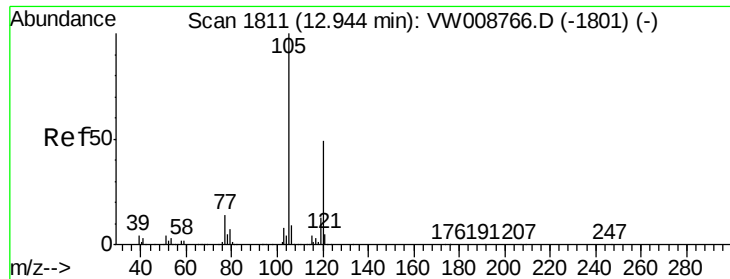
Tot Ion: 91 Resp: 71
Ion Ratio Lower Upper
91 100
120 0.0 11.5 34.4#



#79
2-Chlorotoluene
Concen: 10.939 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW008780.D
Acq: 21 Feb 2019 19:57

Tgt Ion: 91 Resp: 25
Ion Ratio Lower Upper
91 100
126 232.0 17.0 51.0#





#80

1,3,5-Trimethylbenzene

Concen: 9.442 ug/l

RT: 13.03 min Scan# 1825

Delta R.T. 0.09 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampled :

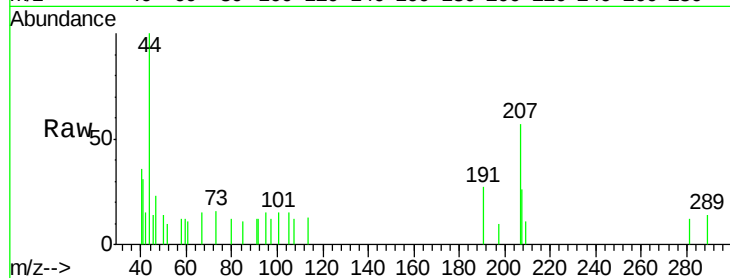
RBR-200030

Tot Ion: 105 Resp: 27

Ion Ratio Lower Upper

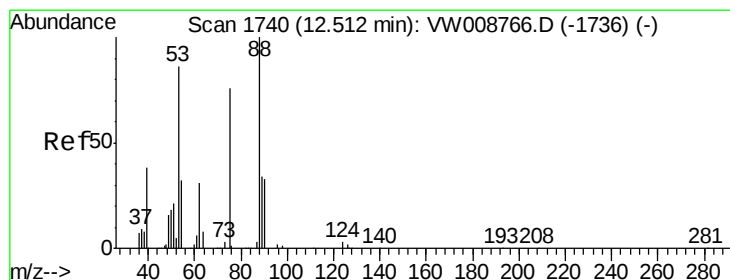
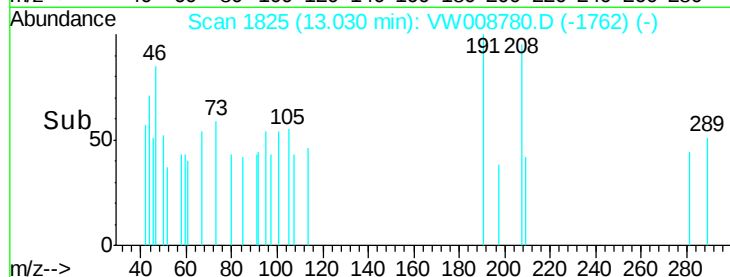
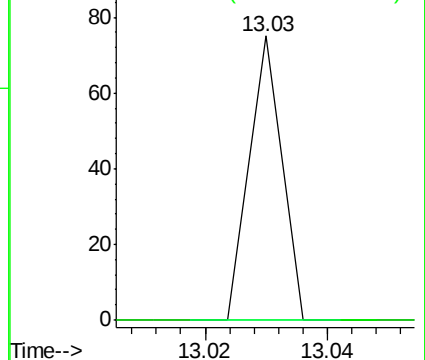
105 100

120 0.0 24.8 74.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 245.375 ug/l

RT: 12.65 min Scan# 1763

Delta R.T. 0.14 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

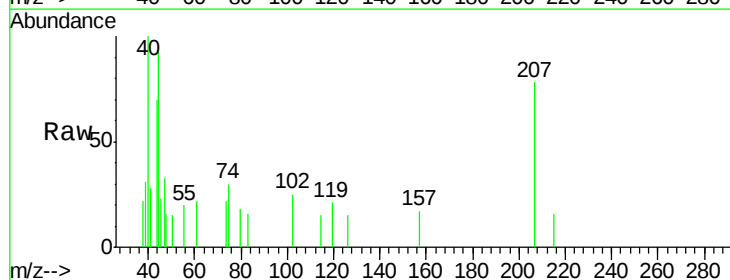
Tgt Ion: 75 Resp: 40

Ion Ratio Lower Upper

75 100

53 0.0 88.2 132.2#

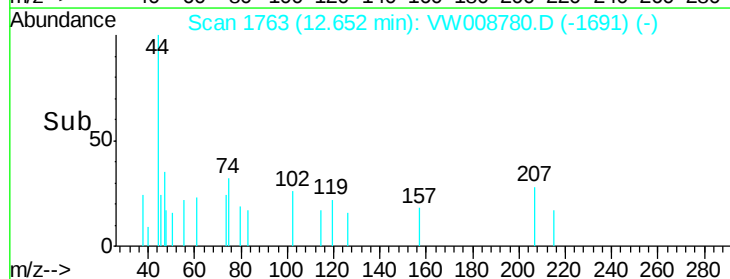
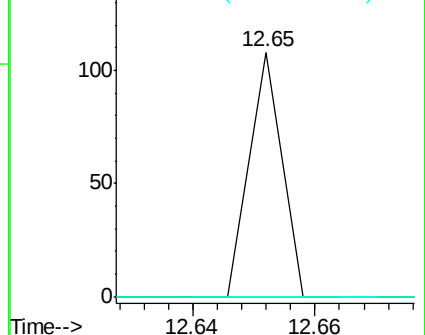
89 0.0 39.5 59.3#

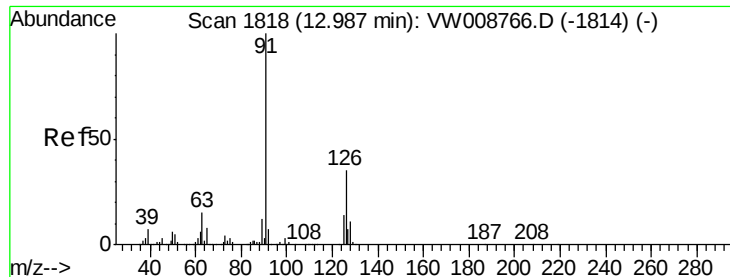


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

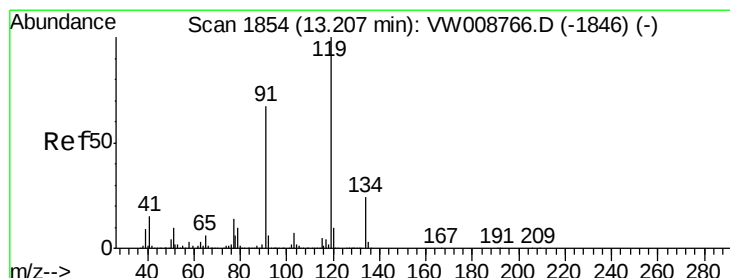
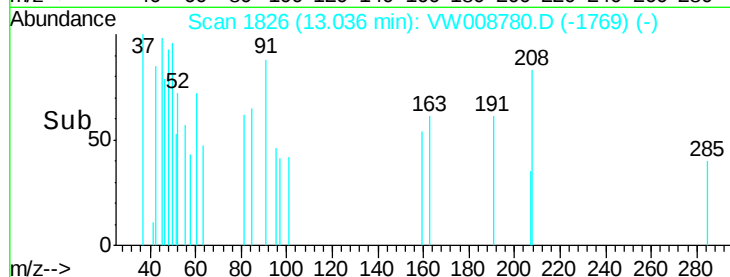
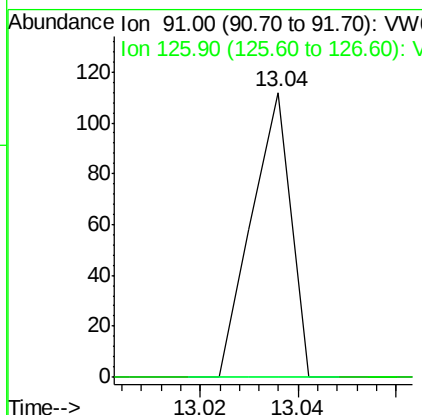
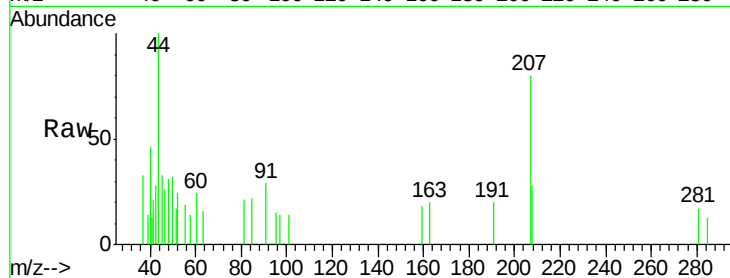




#82
4-Chlorotoluene
Concen: 25.745 ug/l
RT: 13.04 min Scan# 1826
Delta R.T. 0.05 min
Lab File: VW008780.D
Acq: 21 Feb 2019 19:57

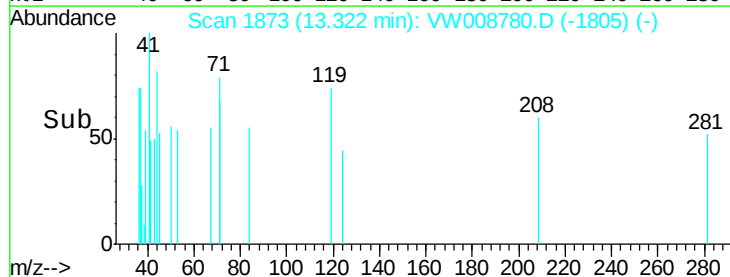
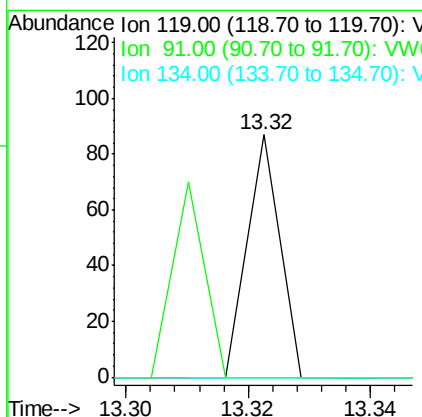
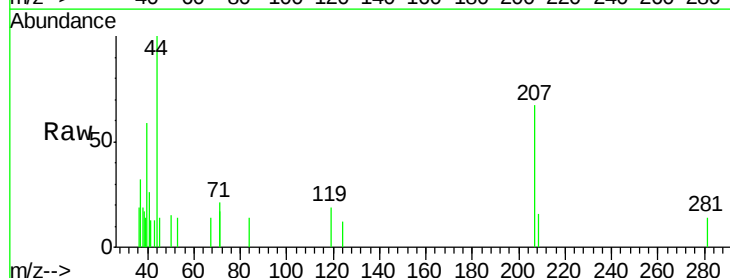
Instrument :
MSVOA_W
ClientSampled :
RBR-200030

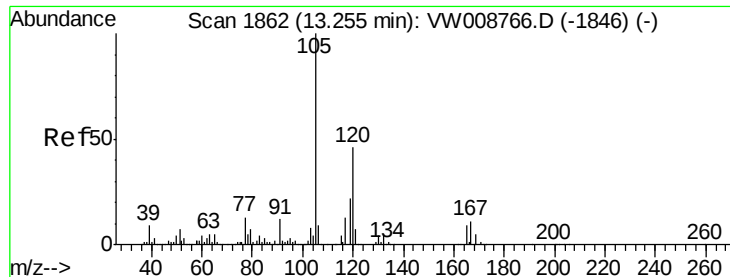
Tot Ion: 91 Resp: 62
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#83
tert-Butylbenzene
Concen: 12.942 ug/l
RT: 13.32 min Scan# 1873
Delta R.T. 0.12 min
Lab File: VW008780.D
Acq: 21 Feb 2019 19:57

Tgt Ion: 119 Resp: 32
Ion Ratio Lower Upper
119 100
91 81.3 33.6 100.8
134 0.0 13.7 41.1#

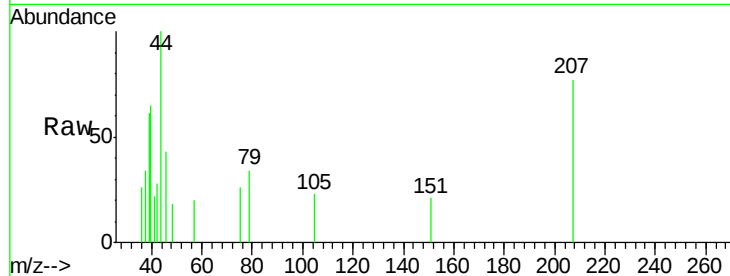




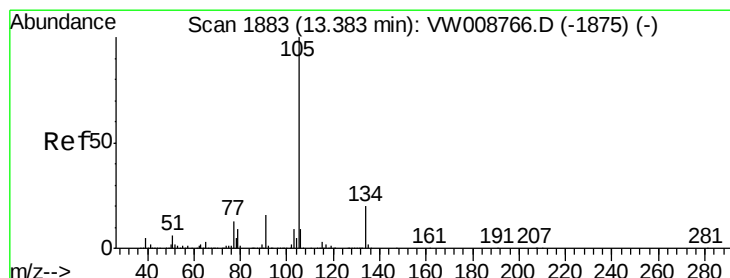
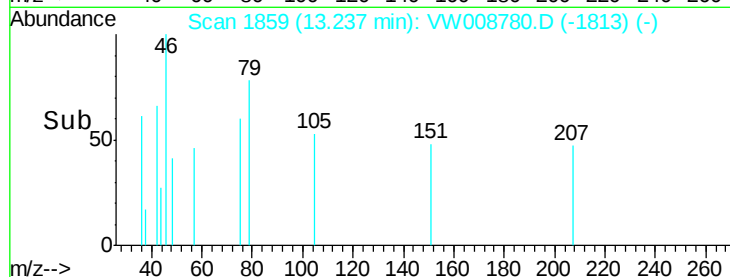
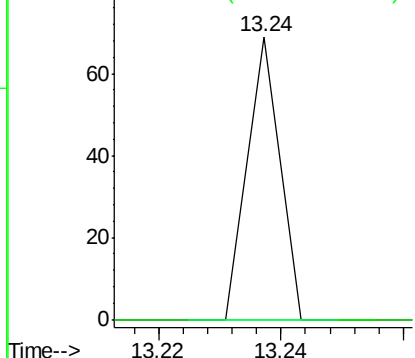
#84
 1,2,4-Trimethylbenzene
 Concen: 8.446 ug/l
 RT: 13.24 min Scan# 1859
 Delta R.T. -0.02 min
 Lab File: VW008780.D
 Acq: 21 Feb 2019 19:57

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200030

Tot Ion:105 Resp: 25
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.8 68.4#

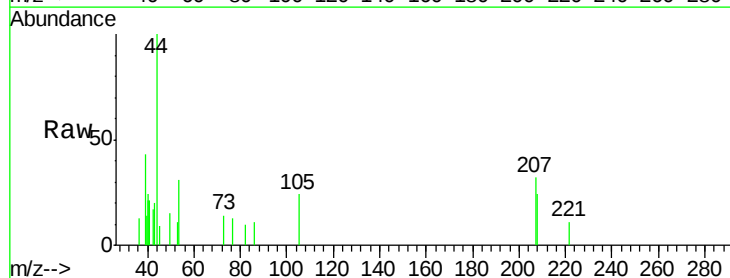


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

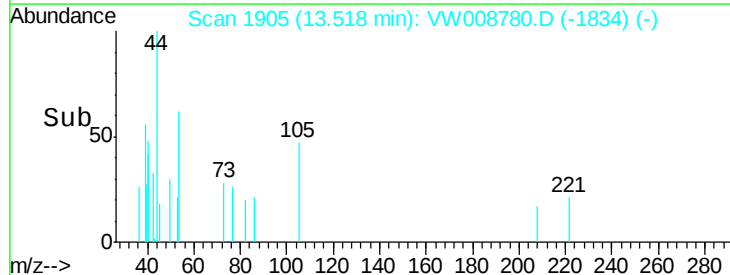
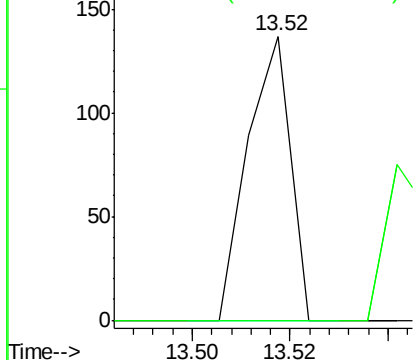


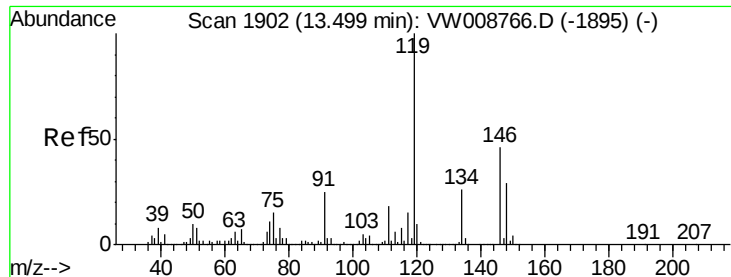
#85
 sec-Butylbenzene
 Concen: 23.345 ug/l
 RT: 13.52 min Scan# 1905
 Delta R.T. 0.13 min
 Lab File: VW008780.D
 Acq: 21 Feb 2019 19:57

Tgt Ion:105 Resp: 83
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



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

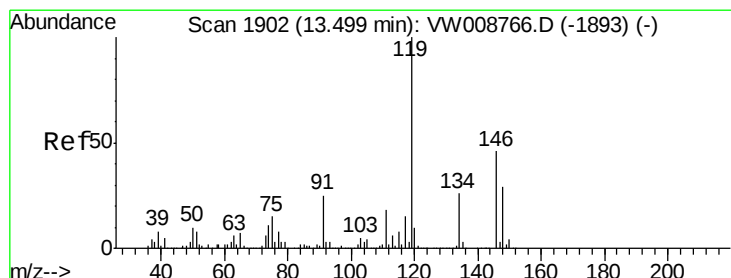
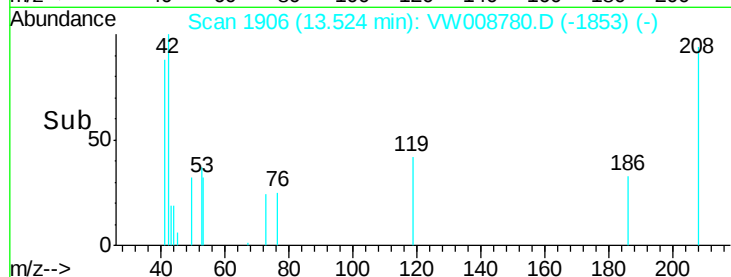
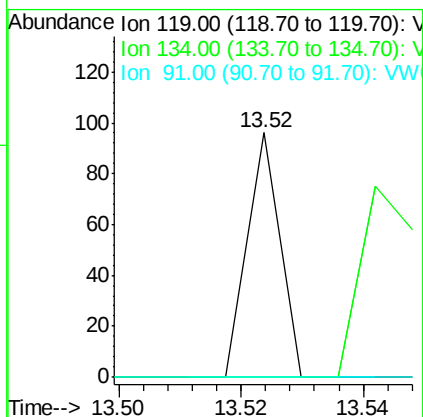
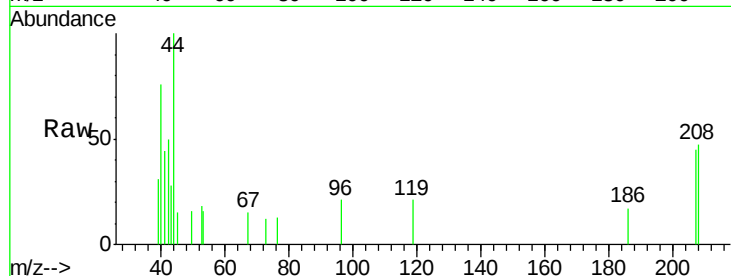




#86
 p-Isopropyltoluene
 Concen: 10.739 ug/l
 RT: 13.52 min Scan# 1906
 Delta R.T. 0.02 min
 Lab File: VW008780.D
 Acq: 21 Feb 2019 19:57

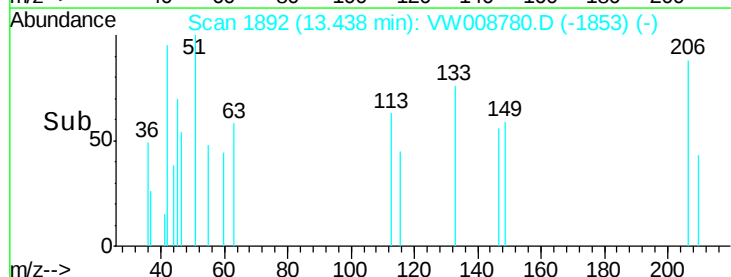
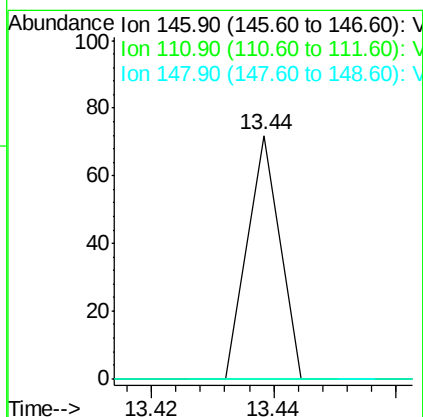
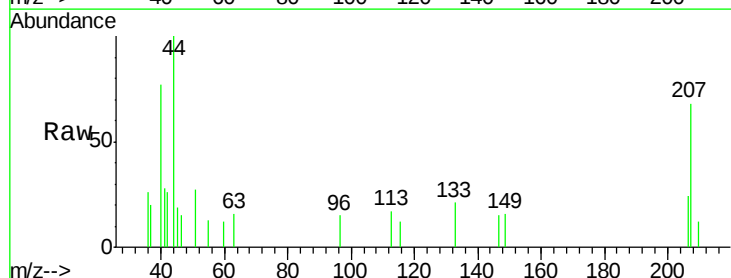
Instrument :
 MSVOA_W
 ClientSampled :
 RBR-200030

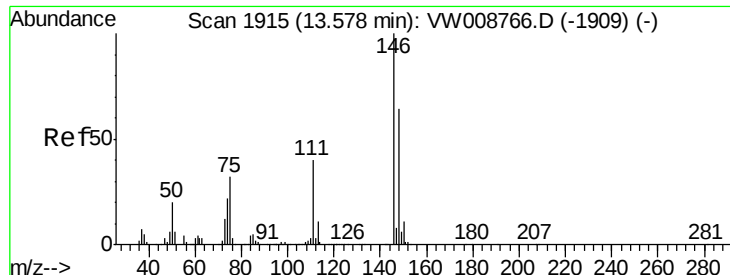
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.1	39.3#
91	0.0	12.1	36.3#



#87
 1,3-Dichlorobenzene
 Concen: 16.116 ug/l
 RT: 13.44 min Scan# 1892
 Delta R.T. -0.06 min
 Lab File: VW008780.D
 Acq: 21 Feb 2019 19:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.9	59.7#
148	0.0	31.6	94.8#





#88

1,4-Dichlorobenzene

Concen: 16.351 ug/l

RT: 13.44 min Scan# 1892

Delta R.T. -0.14 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

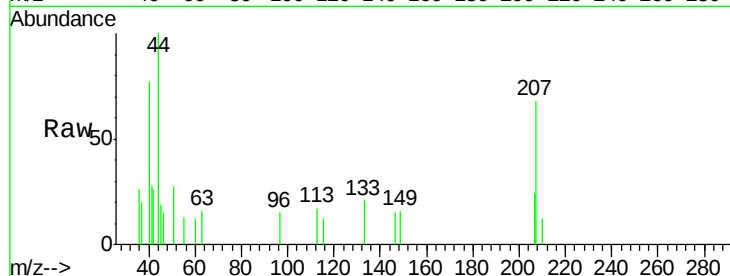
Instrument :

MSVOA_W

ClientSampleId :

RBR-200030

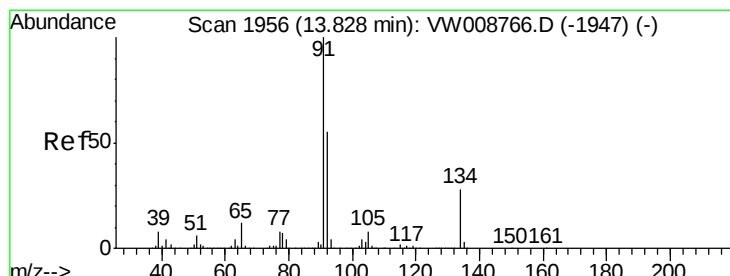
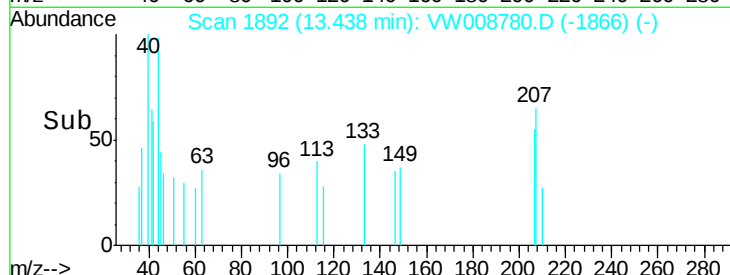
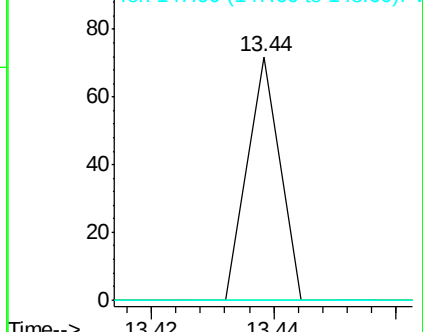
Tot Ion:	146	Resp:	26
Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.3	57.9#
148	0.0	31.9	95.9#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 19.322 ug/l

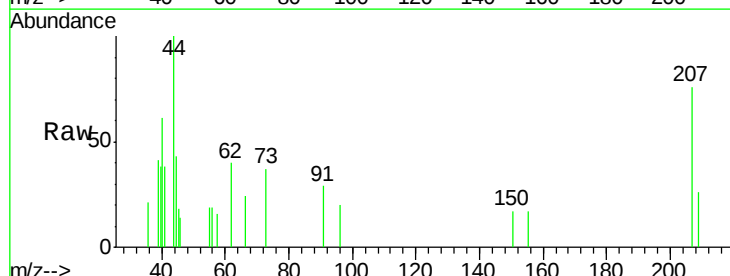
RT: 13.80 min Scan# 1951

Delta R.T. -0.03 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

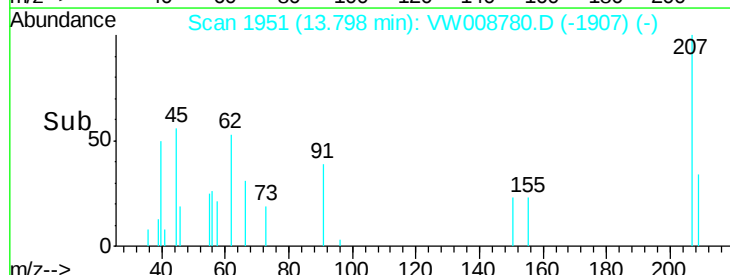
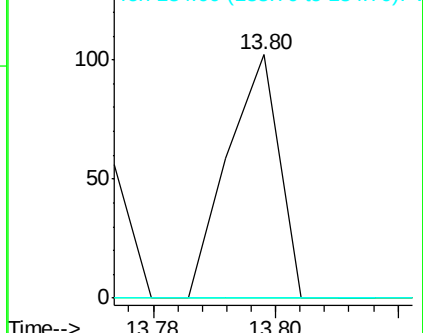
Tgt Ion:	91	Resp:	59
Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.8	80.4#
134	0.0	13.5	40.4#

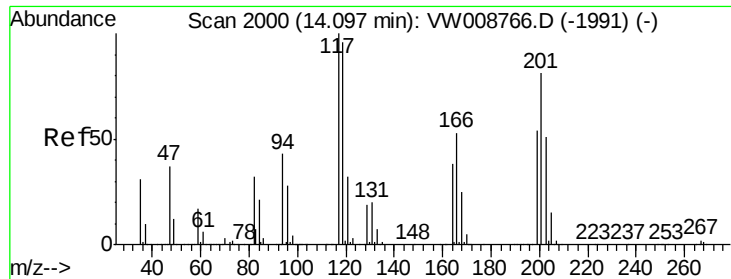


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V

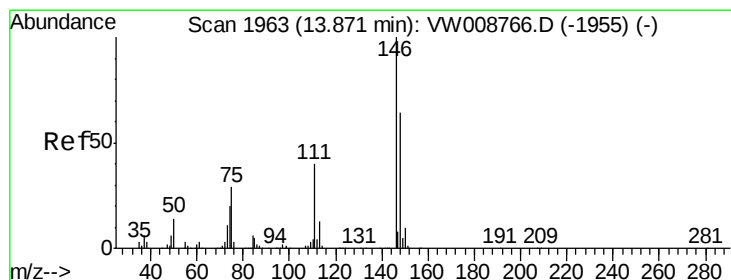
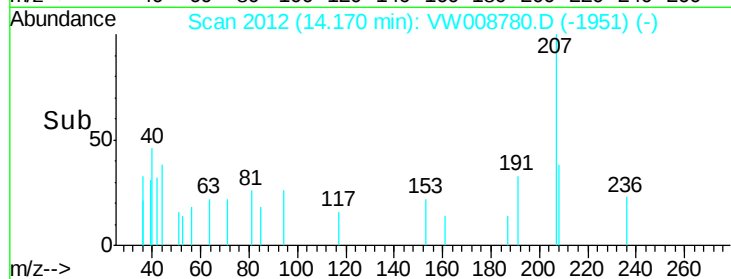
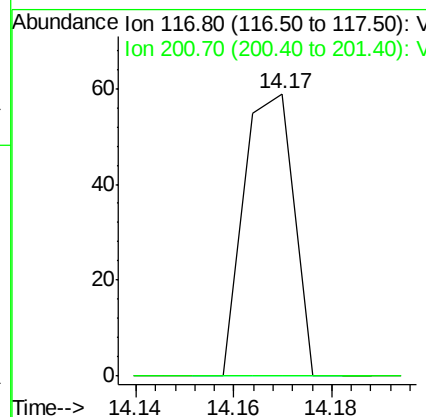
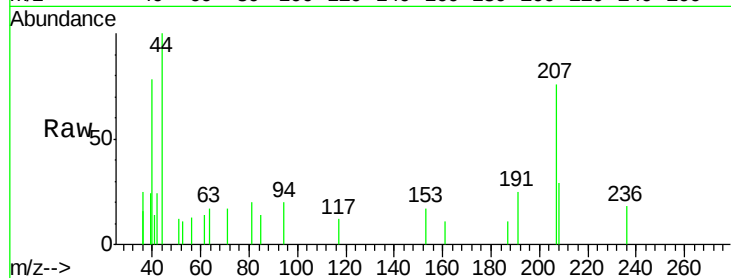




#90
Hexachloroethane
Concen: 78.716 ug/l
RT: 14.17 min Scan# 2012
Delta R.T. 0.07 min
Lab File: VW008780.D
Acq: 21 Feb 2019 19:57

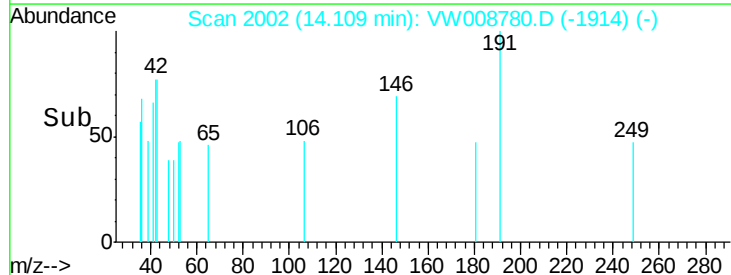
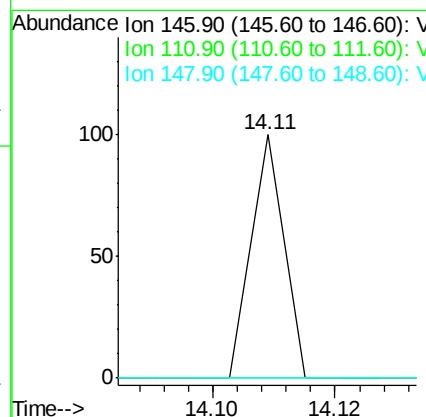
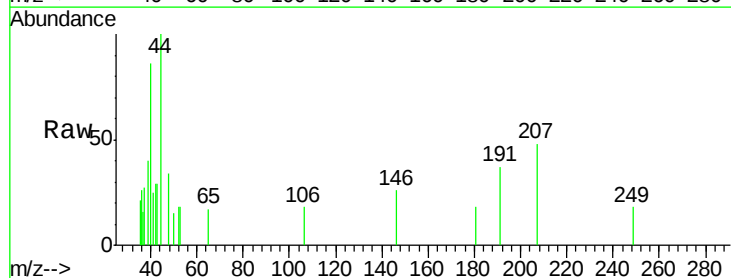
Instrument :
MSVOA_W
ClientSampled :
RBR-200030

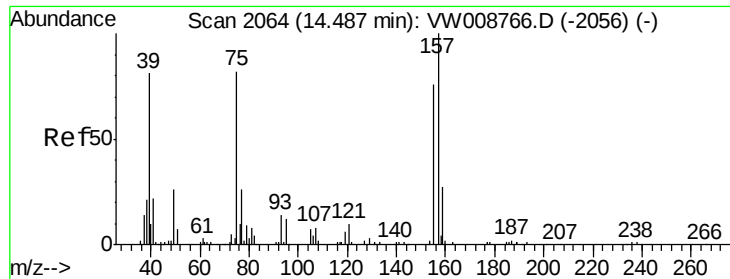
Tot Ion:117 Resp: 42
Ion Ratio Lower Upper
117 100
201 0.0 40.3 120.8#



#91
1,2-Dichlorobenzene
Concen: 25.739 ug/l
RT: 14.11 min Scan# 2002
Delta R.T. 0.24 min
Lab File: VW008780.D
Acq: 21 Feb 2019 19:57

Tgt Ion:146 Resp: 37
Ion Ratio Lower Upper
146 100
111 0.0 20.3 60.8#
148 0.0 32.5 97.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 462.669 ug/l

RT: 14.43 min Scan# 2055

Delta R.T. -0.05 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

RBR-200030

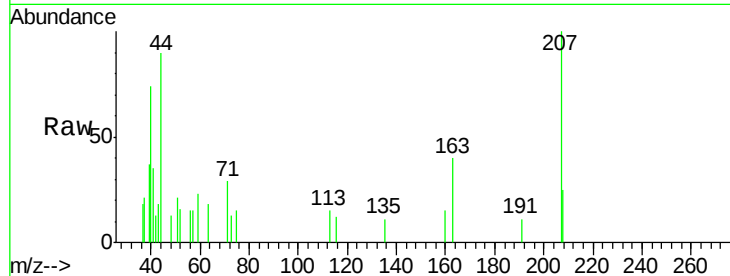
Tot Ion: 75 Resp: 45

Ion Ratio Lower Upper

75 100

155 0.0 41.8 125.4#

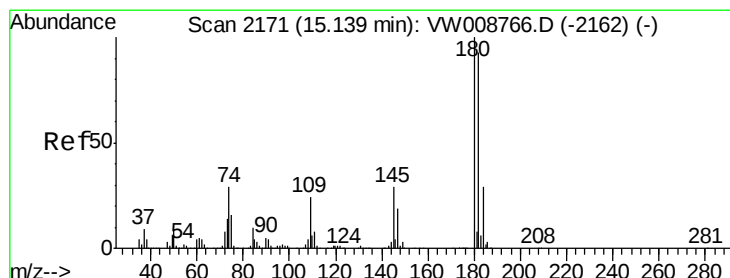
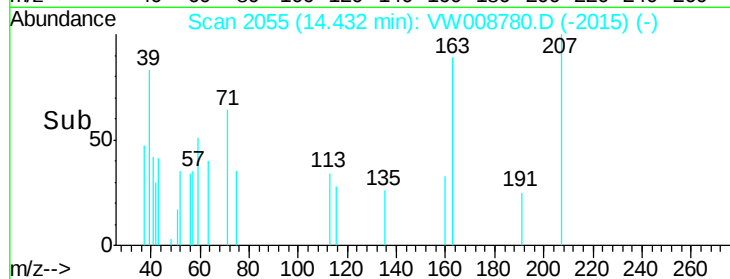
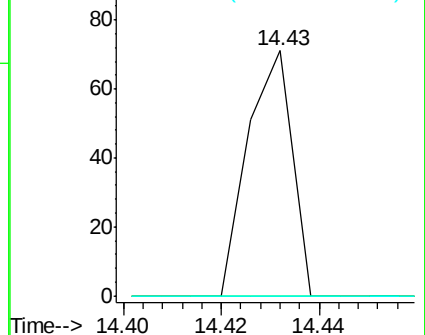
157 0.0 56.6 169.9#



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



#93

1,2,4-Trichlorobenzene

Concen: 22.206 ug/l

RT: 15.01 min Scan# 2150

Delta R.T. -0.13 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

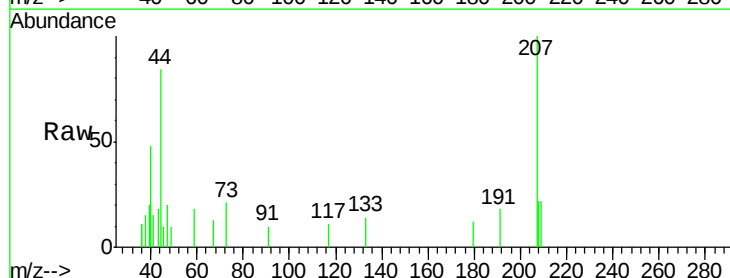
Tgt Ion: 180 Resp: 23

Ion Ratio Lower Upper

180 100

182 0.0 47.2 141.6#

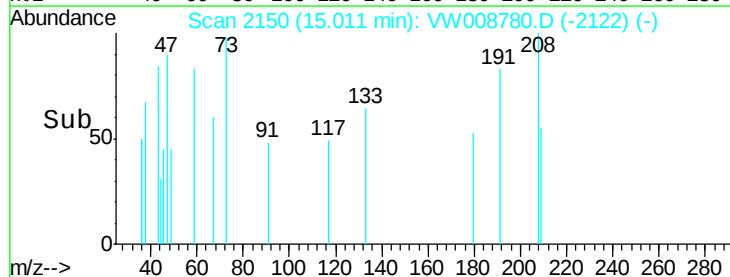
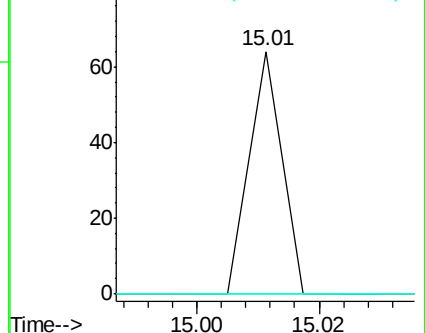
145 0.0 14.4 43.0#

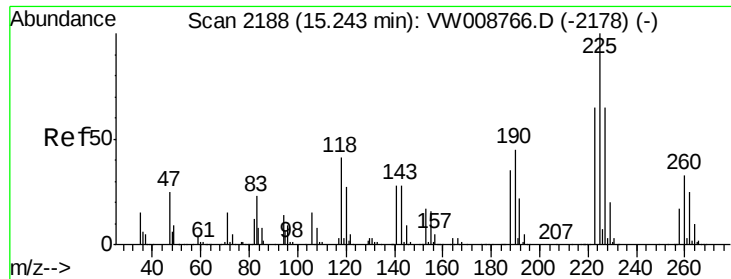


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 85.232 ug/l

RT: 15.32 min Scan# 2200

Delta R.T. 0.07 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

RBR-200030

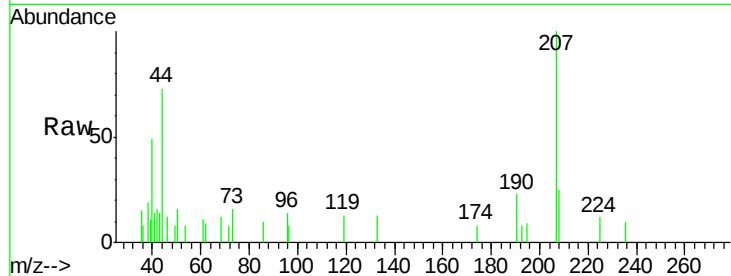
Tot Ion:225 Resp: 52

Ion Ratio Lower Upper

225 100

223 0.0 31.5 94.5#

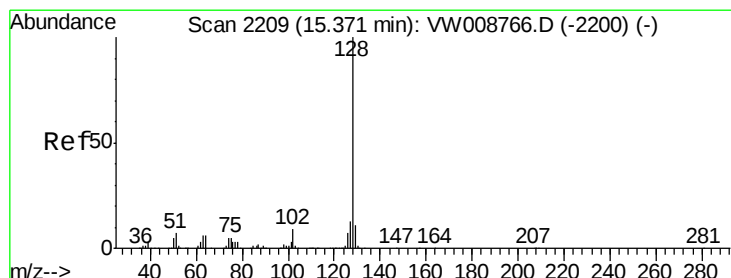
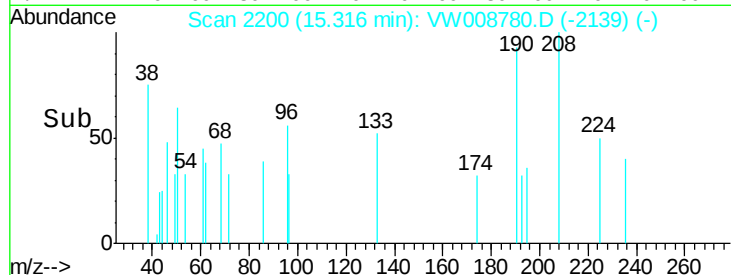
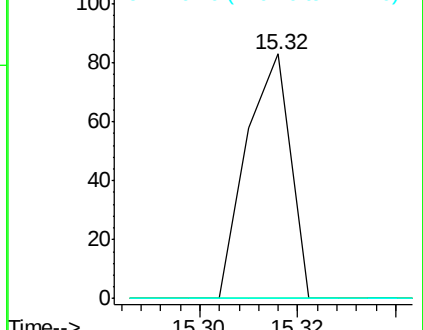
227 0.0 31.6 94.8#



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: 13.042 ug/l

RT: 15.20 min Scan# 2181

Delta R.T. -0.17 min

Lab File: VW008780.D

Acq: 21 Feb 2019 19:57

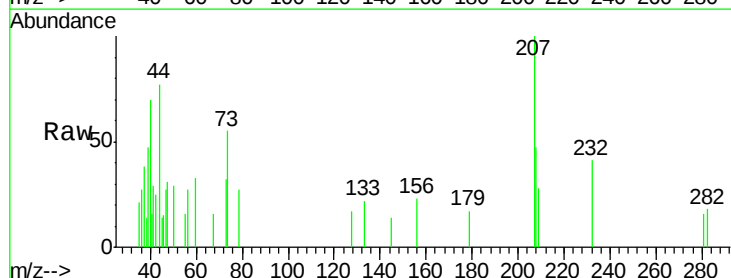
Tgt Ion:128 Resp: 23

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

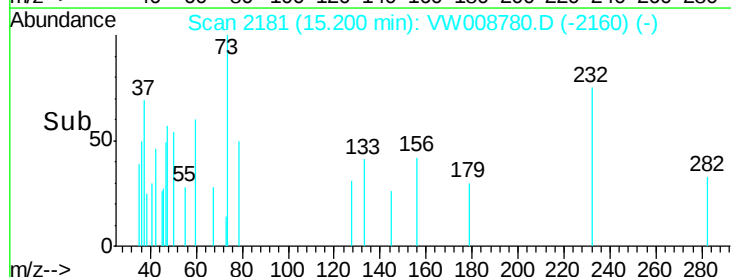
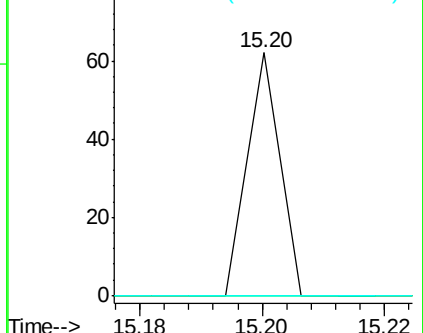
129 0.0 8.7 13.1#

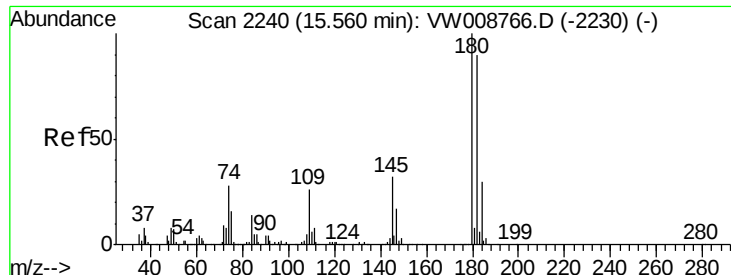


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

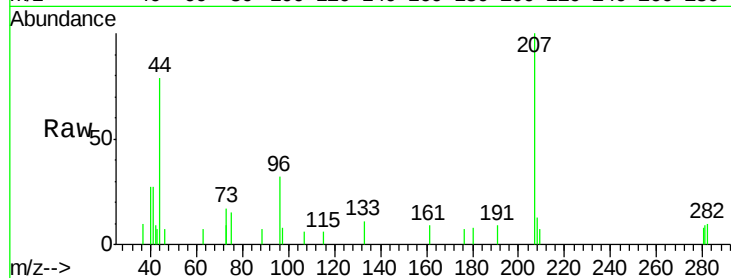




#96
 1,2,3-Trichlorobenzene
 Concen: 53.599 ug/l
 RT: 15.51 min Scan# 2232
 Delta R.T. -0.05 min
 Lab File: VW008780.D
 Acq: 21 Feb 2019 19:57

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200030

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	46.9	140.8#
145	0.0	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

