

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101019\
 Data File : VW013516.D
 Acq On : 10 Oct 2019 11:14
 Operator : SY/VA
 Sample : VSTD2.502
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 10 14:12:27 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M

Quant Title : VOC Analysis

QLast Update : Thu Oct 10 14:04:30 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	485531	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	420364	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	206117	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	14480	2.50	ug/L	0.00
7) Chloroethane-d5	2.89	69	11022	2.37	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	28178	2.47	ug/L	0.00
20) 2-Butanone-d5	7.09	46	9485	4.74	ug/L	0.01
24) Chloroform-d	7.65	84	27563	2.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	14197	2.40	ug/L	0.00
29) Benzene-d6	8.27	84	59022	2.59	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	17115	2.52	ug/L	0.00
37) Toluene-d8	10.32	98	54436	2.53	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	7256	2.37	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	5910	3.97	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	13603	2.36	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	19617	2.66	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	3360	1.106 ug/L	91
3) Chloromethane	2.21	50	9389	2.306 ug/L	84
5) Vinyl chloride	2.35	62	13057	2.319 ug/L	93
6) Bromomethane	2.78	94	7997	2.234 ug/L	95
8) Chloroethane	2.92	64	8155	2.387 ug/L	87
9) Trichlorofluoromethane	3.26	101	6337	1.816 ug/L	91
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	12619	2.288 ug/L	98
12) 1,1-Dichloroethene	4.04	96	12648	2.260 ug/L	93
13) Acetone	4.13	43	11100	6.665 ug/L	95
14) Carbon disulfide	4.39	76	37445	2.357 ug/L	99
15) Methyl Acetate	4.68	43	6453	2.008 ug/L	99
16) Methylene chloride	4.92	84	17891	2.466 ug/L	91
17) Methyl tert-butyl Ether	5.42	73	21646	2.236 ug/L #	89
18) trans-1,2-Dichloroethene	5.43	96	13968	2.334 ug/L	83
19) 1,1-Dichloroethane	6.22	63	23604	2.249 ug/L	97
21) 2-Butanone	7.18	43	12440m	5.186 ug/L	
22) cis-1,2-Dichloroethene	7.17	96	14512	2.225 ug/L	93
23) Bromochloromethane	7.51	128	6796	2.316 ug/L	92
25) Chloroform	7.68	83	23977	2.324 ug/L	99
27) 1,2-Dichloroethane	8.40	62	14792	2.189 ug/L #	91
30) Cyclohexane	7.96	56	22962	2.274 ug/L	97
31) 1,1,1-Trichloroethane	7.87	97	18631	2.309 ug/L	98
32) Carbon tetrachloride	8.07	117	17373	2.258 ug/L	98
34) Benzene	8.32	78	55382	2.350 ug/L	100
35) Trichloroethene	9.10	95	15400	2.487 ug/L	94
36) Methylcyclohexane	9.34	83	26359	2.390 ug/L	99
40) 1,2-Dichloropropane	9.37	63	13653	2.355 ug/L	99
41) Bromodichloromethane	9.65	83	15761	2.216 ug/L #	91
42) cis-1,3-Dichloropropene	10.07	75	20086	2.169 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	20446	4.606 ug/L	97

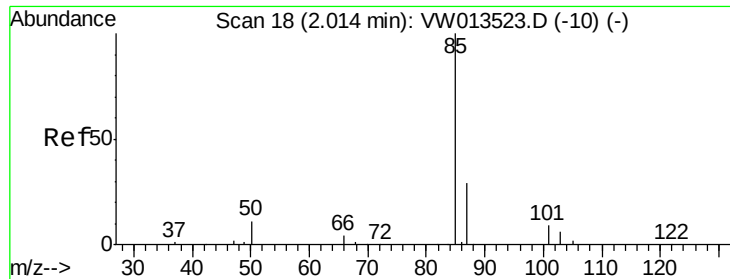
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101019\
 Data File : VW013516.D
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 Operator : SY/VA
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 Quant Title : VOC Analysis
 QLast Update : Thu Oct 10 14:04:30 2019
 Response via : Initial Calibration

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

44) Toluene	10.39	91	59598	2.323	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	15120	2.031	ug/L	95
46) 1,1,2-Trichloroethane	10.79	97	10029	2.208	ug/L	94
47) Tetrachloroethene	10.86	164	13286	2.385	ug/L	97
49) 2-Hexanone	10.97	43	11739	3.679	ug/L	97
50) Dibromochloromethane	11.13	129	11479	2.203	ug/L	99
51) 1,2-Dibromoethane	11.24	107	9567	2.144	ug/L #	98
52) Chlorobenzene	11.66	112	37288	2.306	ug/L	97
53) Ethylbenzene	11.73	91	65554	2.305	ug/L	99
54) m,p-Xylene	11.83	106	25854	2.367	ug/L	99
55) o-xylene	12.16	106	23352	2.266	ug/L	98
56) Styrene	12.18	104	38130	2.158	ug/L	100
57) Isopropylbenzene	12.46	105	65729	2.359	ug/L #	94
58) 1,1,2,2-Tetrachloroethane	12.71	83	11878	2.122	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	9222	2.208	ug/L	96
62) Bromoform	12.35	173	6879	2.110	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	29696	2.341	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	29739	2.321	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	26327	2.281	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.49	75	1697	1.867	ug/L	89
67) 1,3,5-Trichlorobenzene	14.63	180	21047	2.155	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	16424	2.107	ug/L	96
69) Naphthalene	15.37	128	25670	1.724	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	14360	2.025	ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 1.106 ug/L

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW013516.D

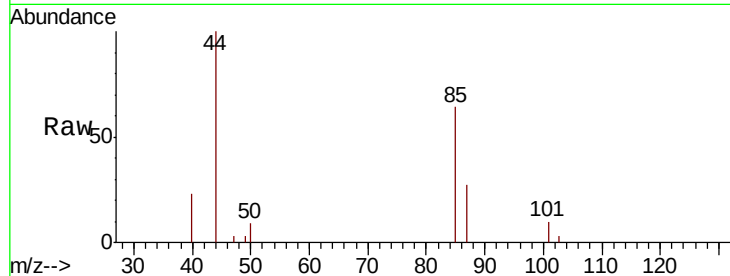
Acq: 10 Oct 2019 11:14

Tot Ion: 85 Resp: 3360

Ion Ratio Lower Upper

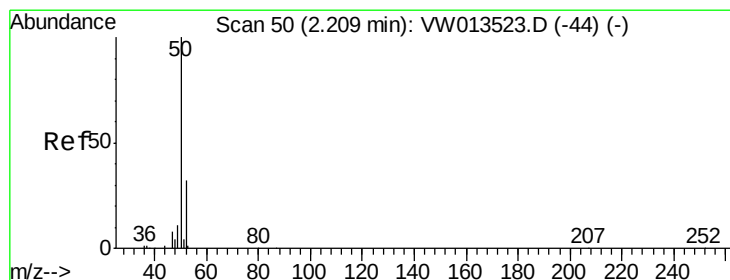
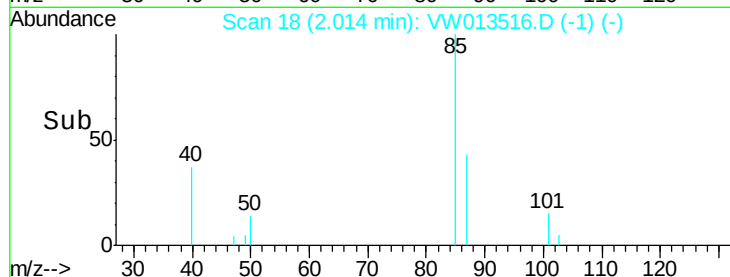
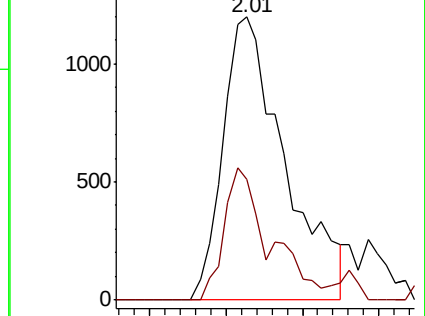
85 100

87 24.6 20.4 38.0



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 2.306 ug/L

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW013516.D

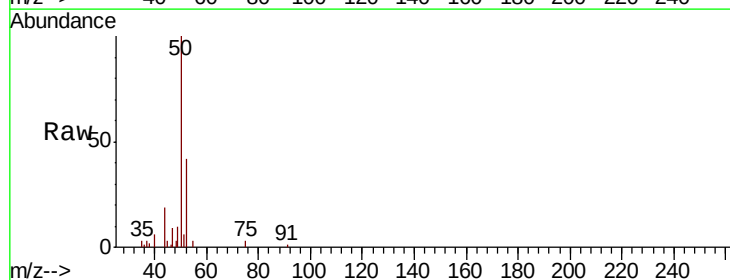
Acq: 10 Oct 2019 11:14

Tgt Ion: 50 Resp: 9389

Ion Ratio Lower Upper

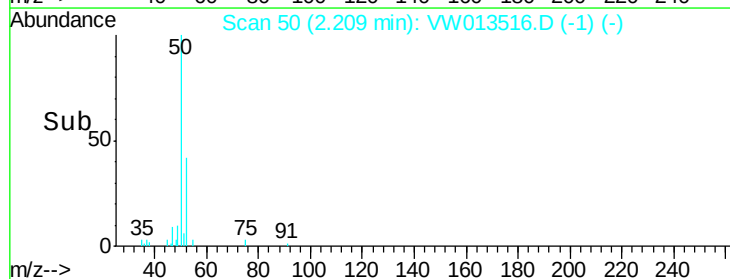
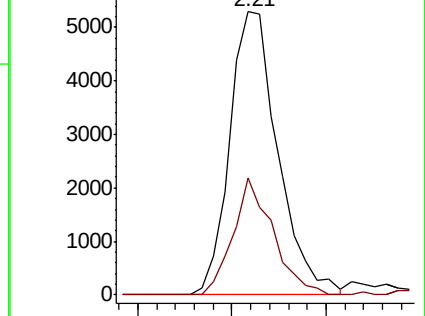
50 100

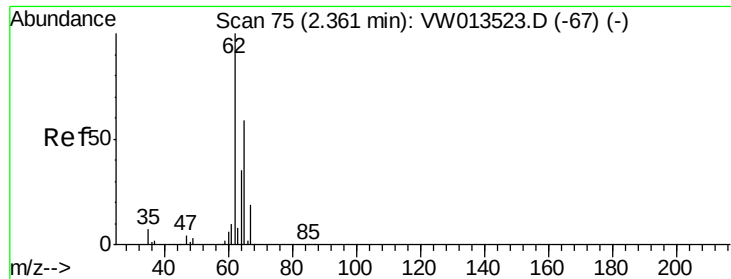
52 41.5 22.6 42.0



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 2.319 ug/L

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW013516.D

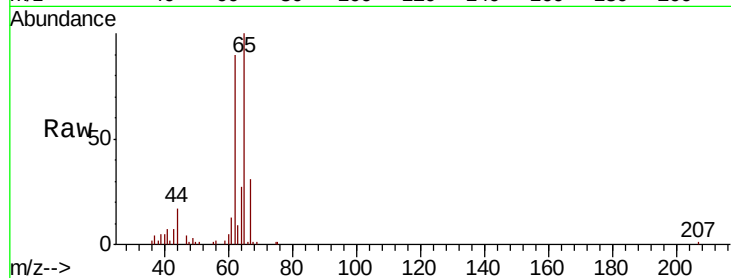
Acq: 10 Oct 2019 11:14

Tot Ion: 62 Resp: 13057

Ion Ratio Lower Upper

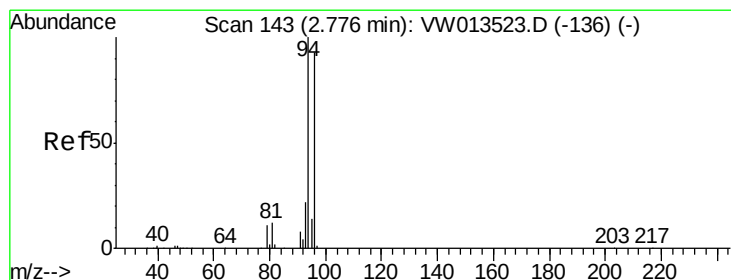
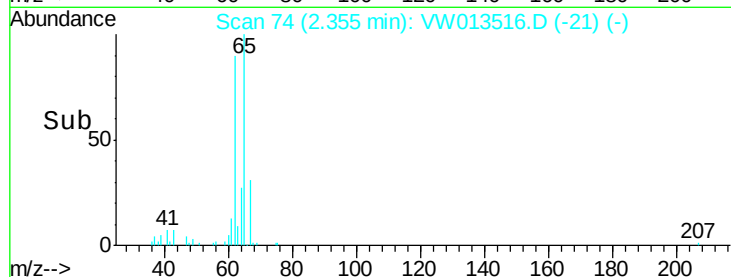
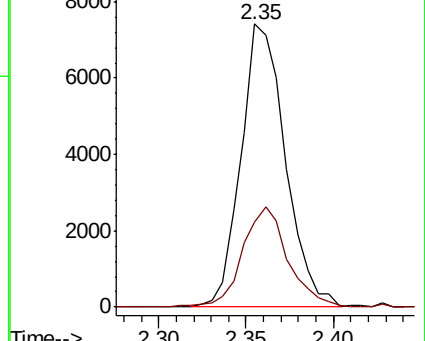
62 100

64 30.2 23.9 44.3



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 64.00 (63.70 to 64.70): VW



#6

Bromomethane

Concen: 2.234 ug/L

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW013516.D

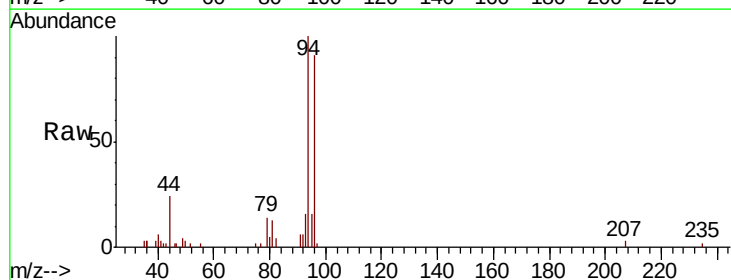
Acq: 10 Oct 2019 11:14

Tgt Ion: 94 Resp: 7997

Ion Ratio Lower Upper

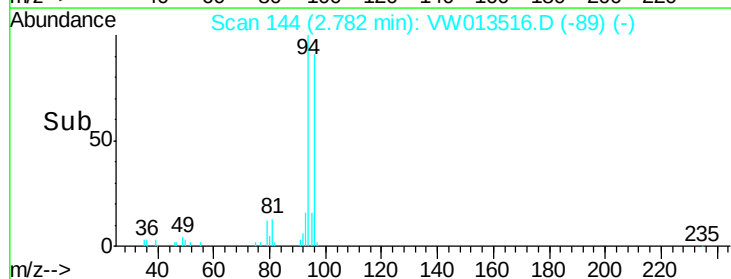
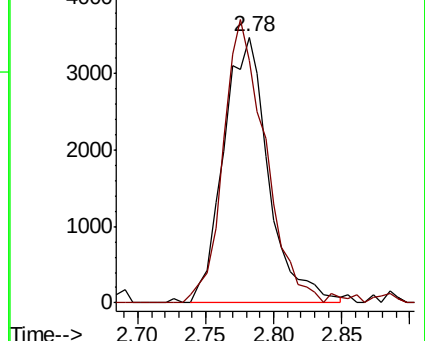
94 100

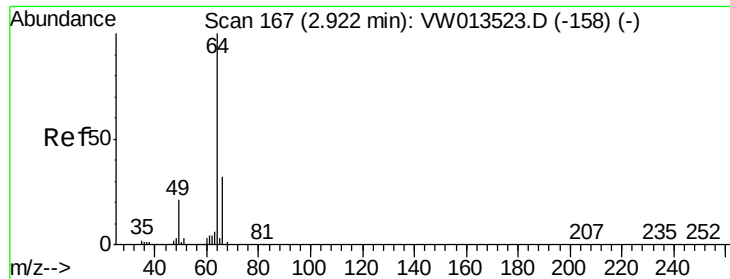
96 99.8 9.5 179.9



Abundance Ion 94.00 (93.70 to 94.70): VW

Ion 96.00 (95.70 to 96.70): VW





#8

Chloroethane

Concen: 2.387 ug/L

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW013516.D

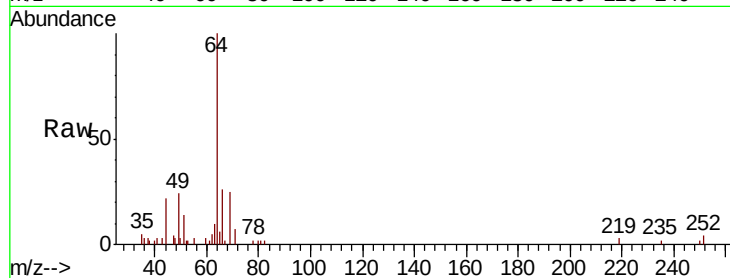
Acq: 10 Oct 2019 11:14

Tot Ion: 64 Resp: 8155

Ion Ratio Lower Upper

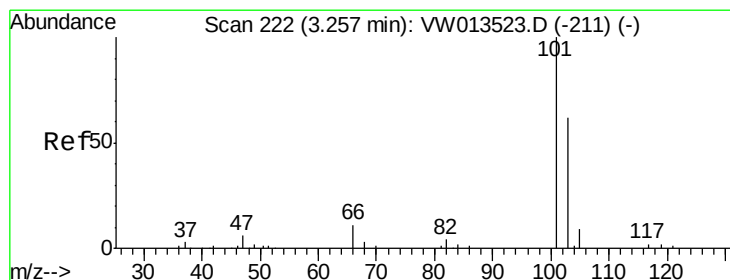
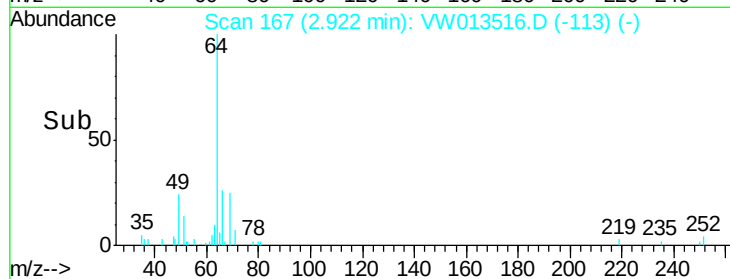
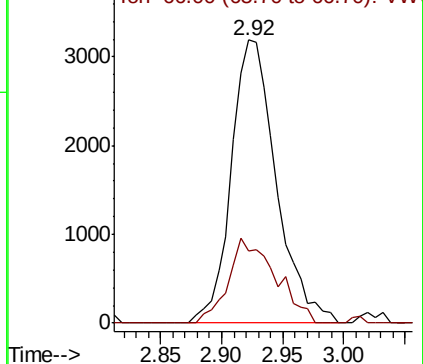
64 100

66 25.5 23.2 43.0



Abundance Ion 64.00 (63.70 to 64.70): VW

Ion 66.00 (65.70 to 66.70): VW



#9

Trichlorofluoromethane

Concen: 1.816 ug/L

RT: 3.26 min Scan# 222

Delta R.T. -0.00 min

Lab File: VW013516.D

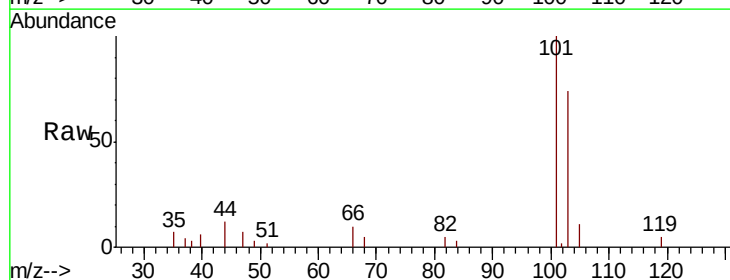
Acq: 10 Oct 2019 11:14

Tgt Ion: 101 Resp: 6337

Ion Ratio Lower Upper

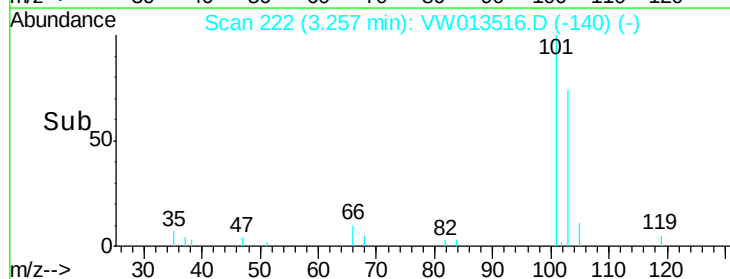
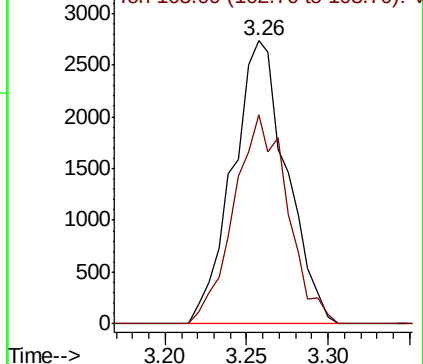
101 100

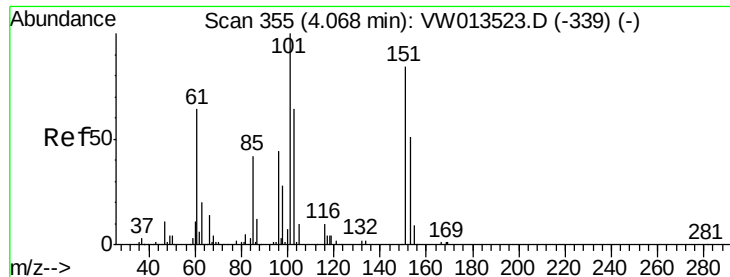
103 72.9 46.0 85.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.288 ug/L

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW013516.D

Acq: 10 Oct 2019 11:14

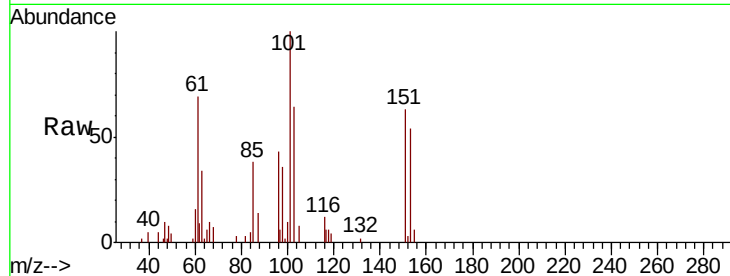
Tot Ion:101 Resp: 12619

Ion Ratio Lower Upper

101 100

85 40.7 32.0 48.0

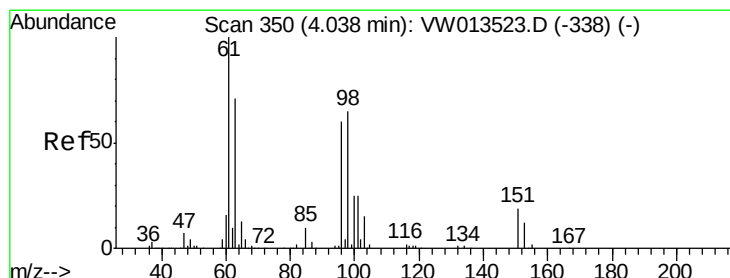
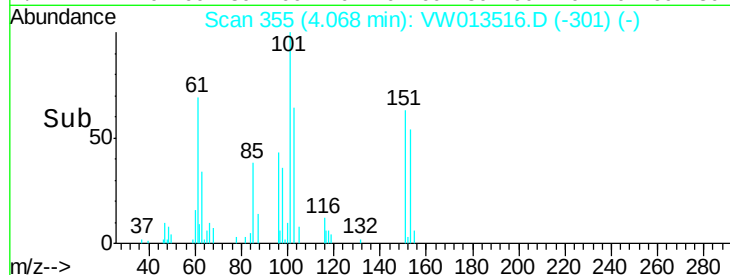
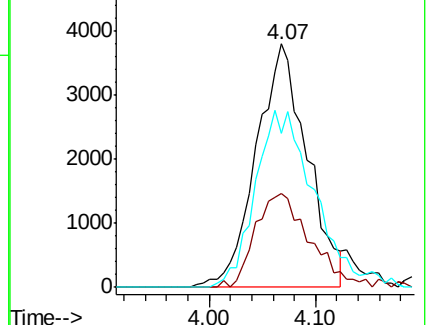
151 81.9 67.0 100.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 2.260 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW013516.D

Acq: 10 Oct 2019 11:14

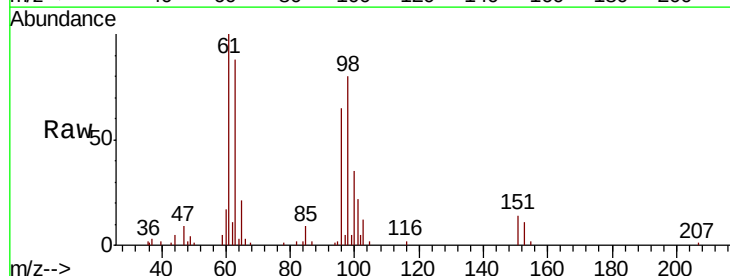
Tgt Ion: 96 Resp: 12648

Ion Ratio Lower Upper

96 100

61 153.2 111.0 206.2

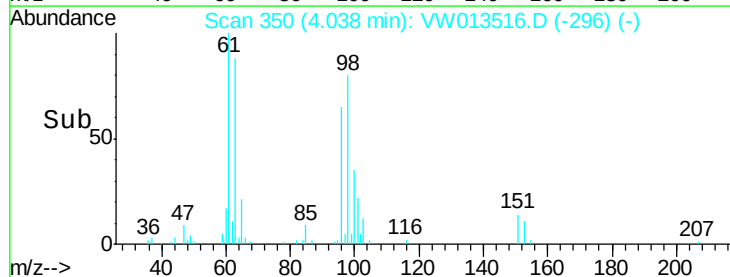
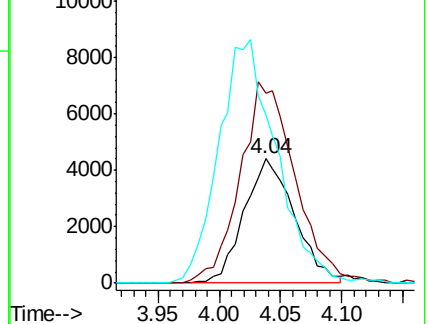
63 134.8 86.3 160.3

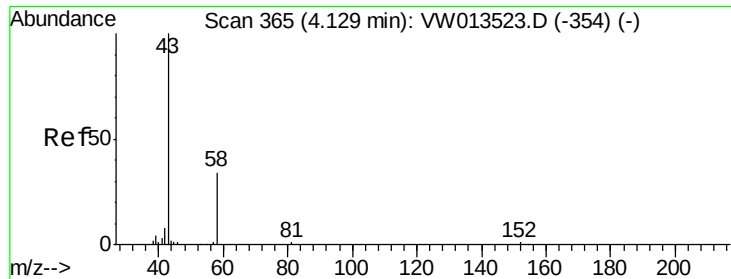


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 6.665 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013516.D

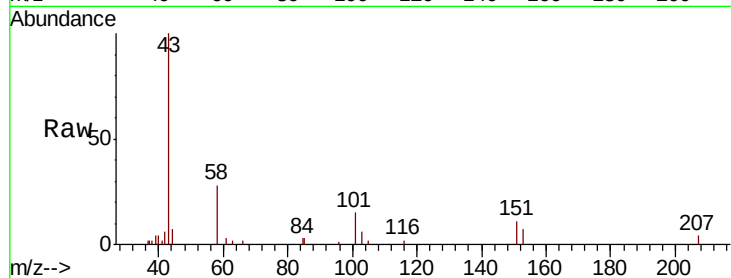
Acq: 10 Oct 2019 11:14

Tot Ion: 43 Resp: 11100

Ion Ratio Lower Upper

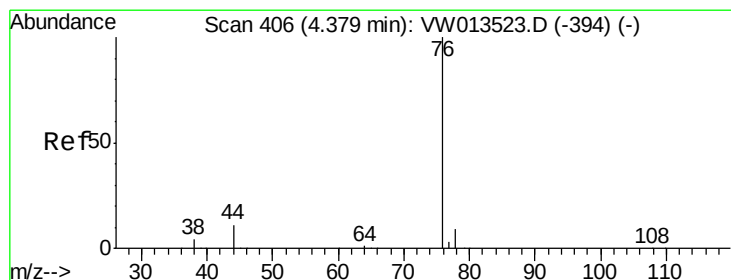
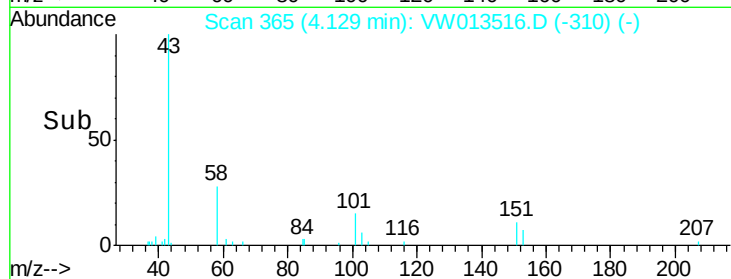
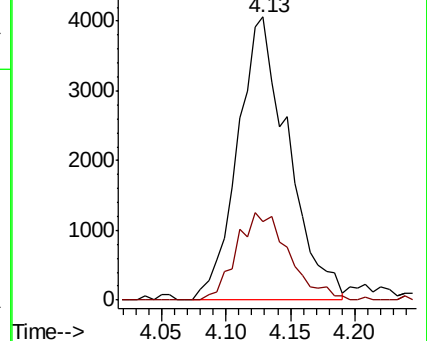
43 100

58 30.8 0.0 67.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 2.357 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW013516.D

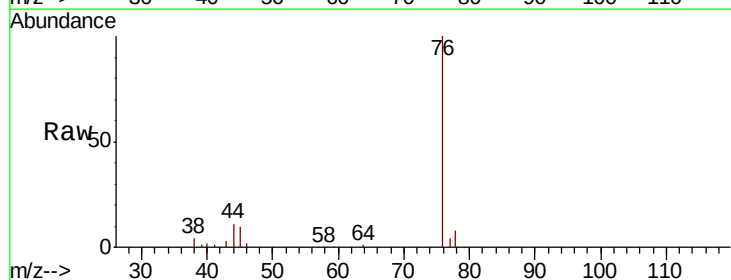
Acq: 10 Oct 2019 11:14

Tgt Ion: 76 Resp: 37445

Ion Ratio Lower Upper

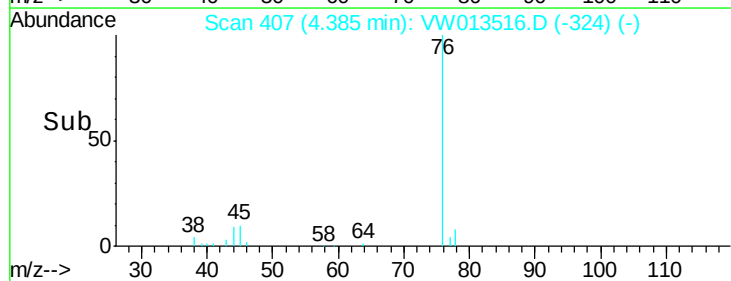
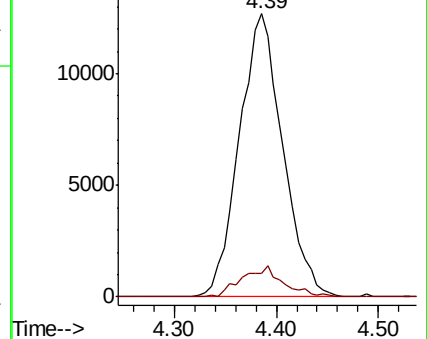
76 100

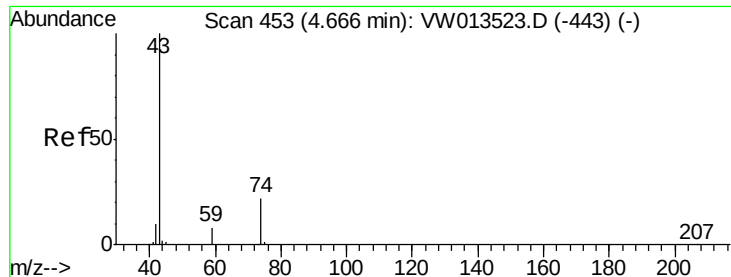
78 8.4 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VW

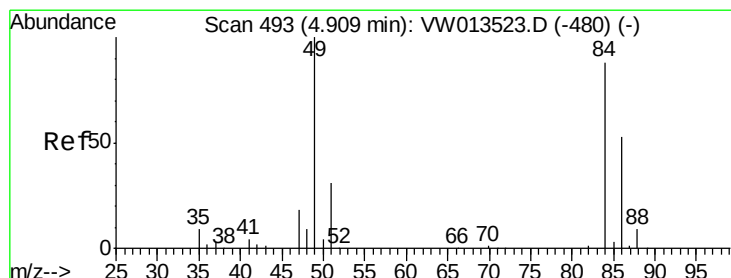
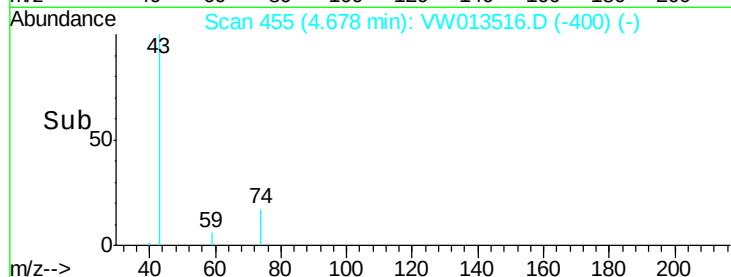
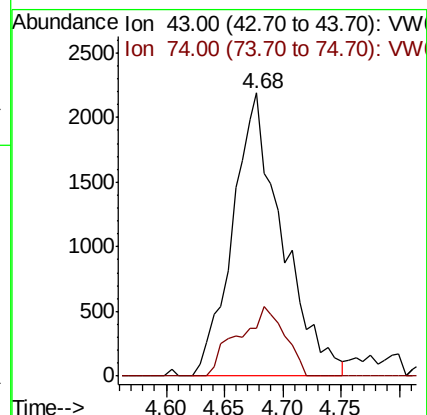
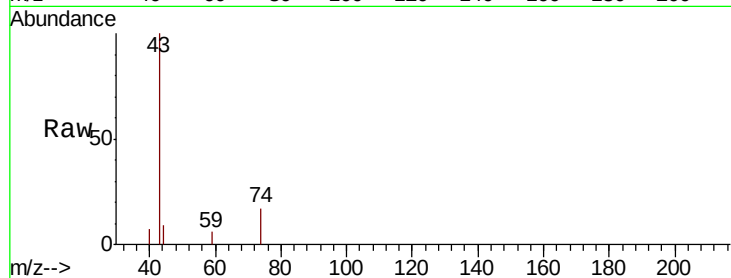
Ion 78.00 (77.70 to 78.70): VW





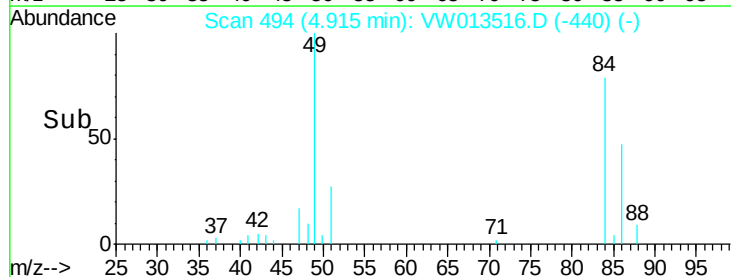
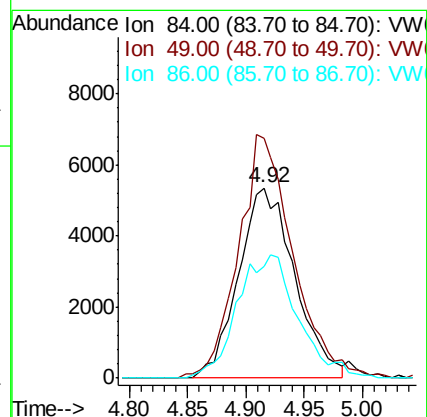
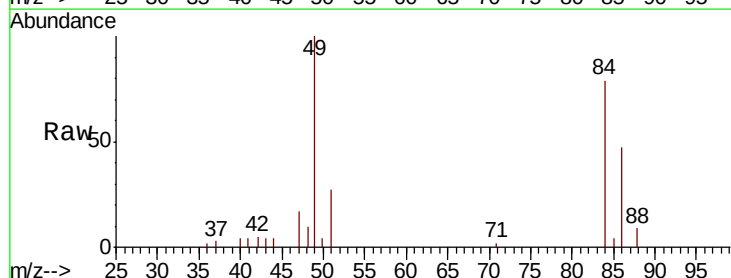
#15
Methyl Acetate
Concen: 2.008 ug/L
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

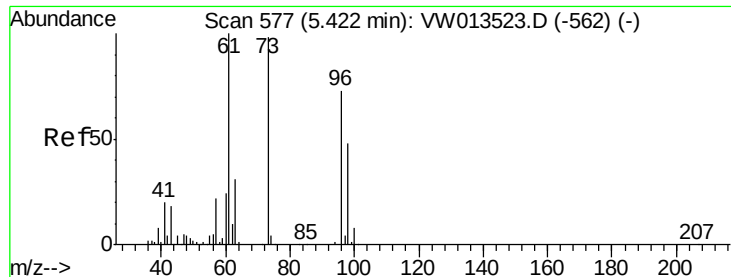
Tot Ion: 43 Resp: 6453
Ion Ratio Lower Upper
43 100
74 23.0 18.7 28.1



#16
Methylene chloride
Concen: 2.466 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

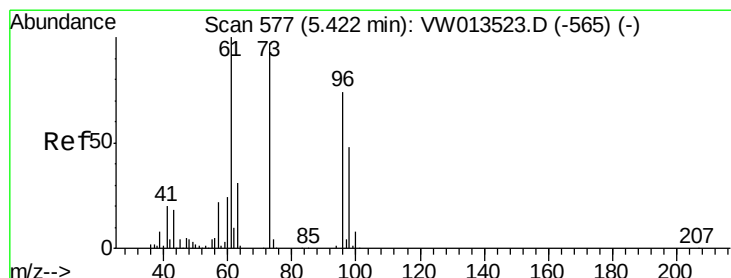
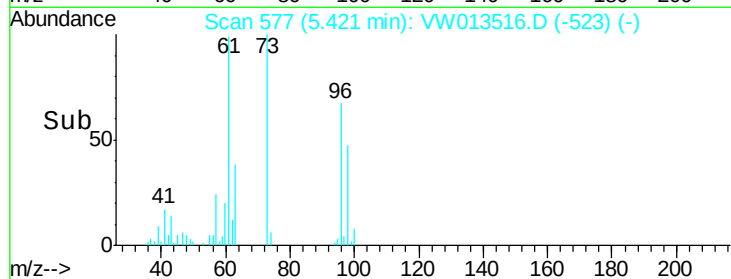
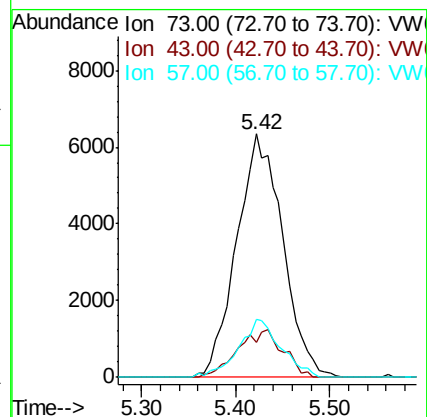
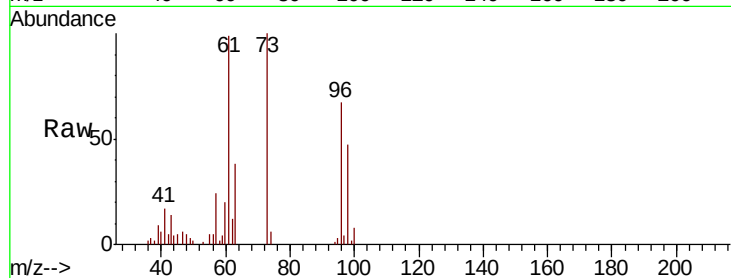
Tgt Ion: 84 Resp: 17891
Ion Ratio Lower Upper
84 100
49 126.6 81.3 151.1
86 59.2 46.3 86.1





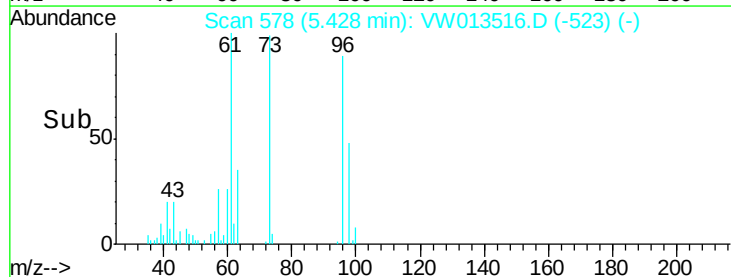
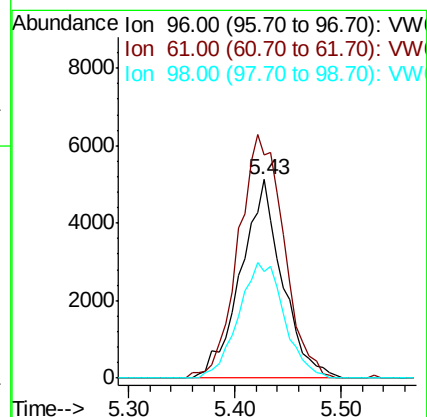
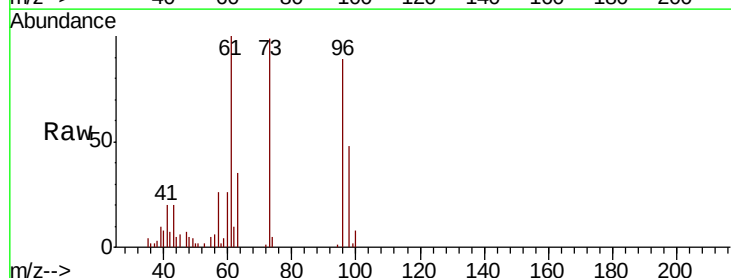
#17
Methyl tert-butyl Ether
Concen: 2.236 ug/L
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

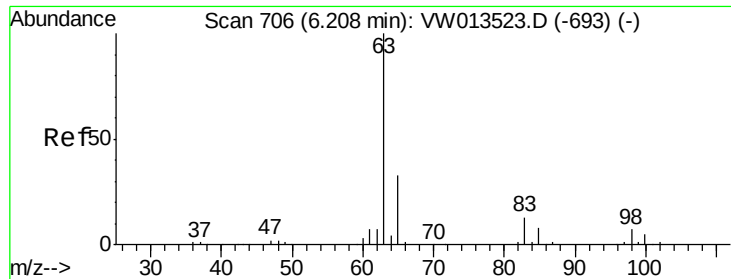
Tot Ion	Ratio	Lower	Upper
73	100		
43	9.1	15.0	22.4#
57	21.9	18.1	27.1



#18
trans-1,2-Dichloroethene
Concen: 2.334 ug/L
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

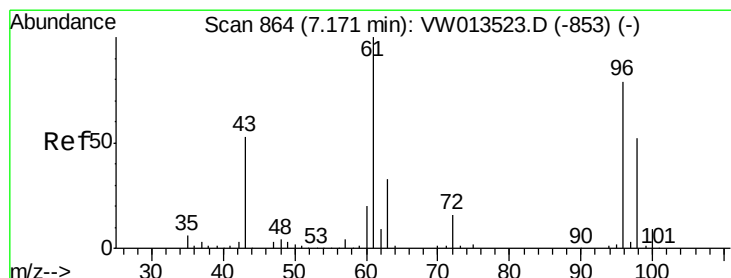
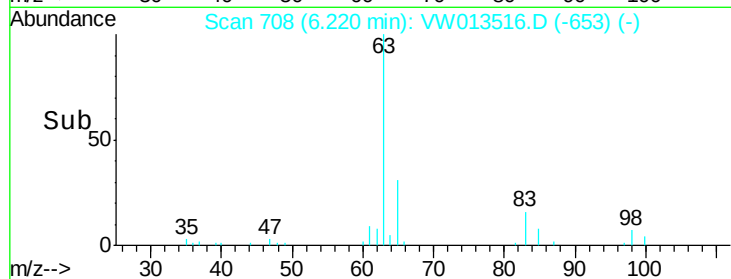
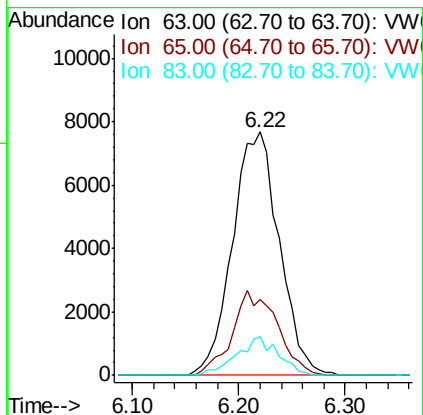
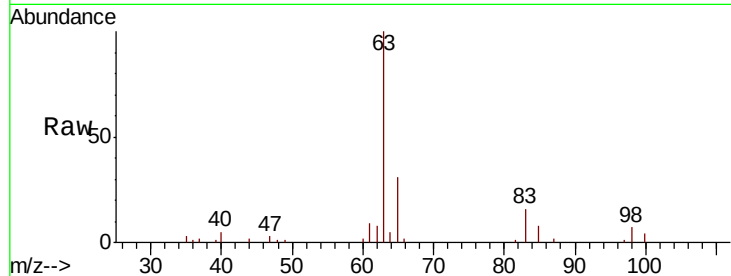
Tgt Ion	Ratio	Lower	Upper
96	100		
61	112.7	93.7	173.9
98	53.7	46.1	85.7





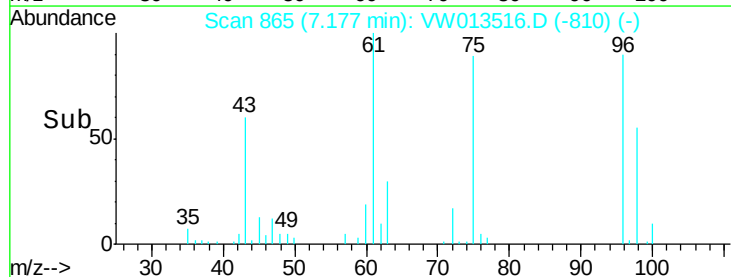
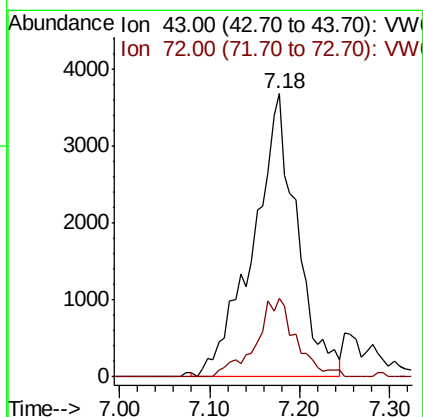
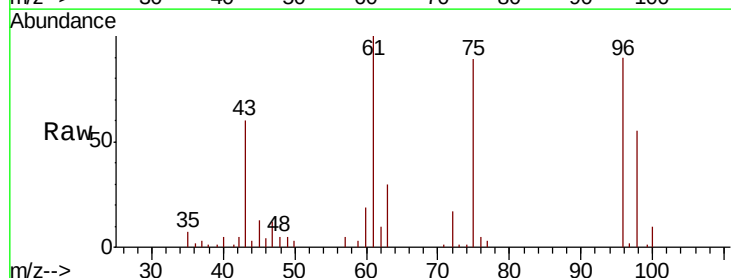
#19
 1,1-Dichloroethane
 Concen: 2.249 ug/L
 RT: 6.22 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: VW013516.D
 Acq: 10 Oct 2019 11:14

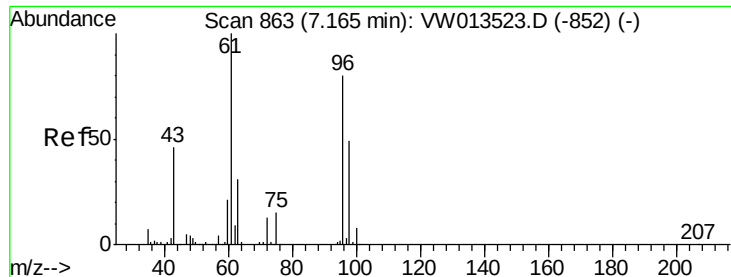
Tot Ion: 63 Resp: 23604
 Ion Ratio Lower Upper
 63 100
 65 31.2 21.6 40.0
 83 15.9 9.0 16.6



#21
 2-Butanone
 Concen: 5.186 ug/L m
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW013516.D
 Acq: 10 Oct 2019 11:14

Tgt Ion: 43 Resp: 12440
 Ion Ratio Lower Upper
 43 100
 72 0.8 13.5 40.4#

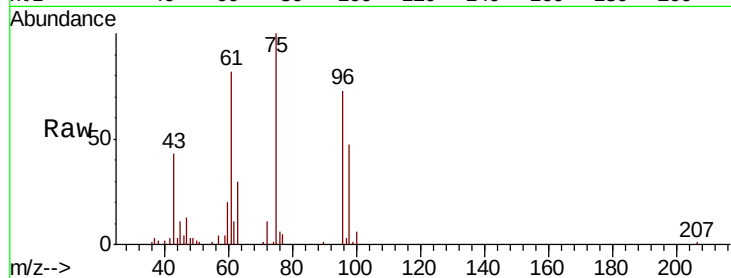




#22

cis-1,2-Dichloroethene
Concen: 2.225 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	112.4	86.0	159.8	
98	65.2	44.4	82.5	

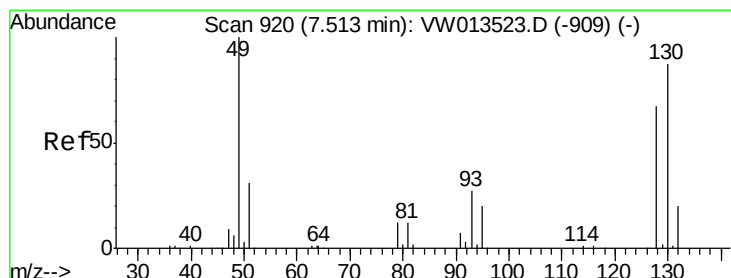
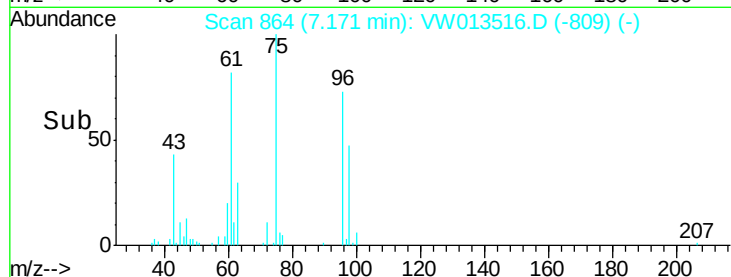
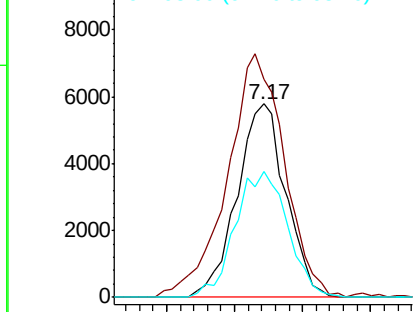


Abundance

Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

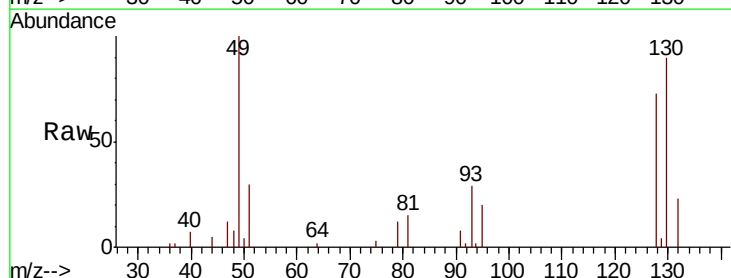
Ion 98.00 (97.70 to 98.70): VW



#23

Bromochloromethane
Concen: 2.316 ug/L
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

Tgt Ion	Ion	Ratio	Lower	Upper
128	100			
49	137.8	108.0	200.6	
130	123.9	89.4	166.0	
51	41.8	37.4	56.2	



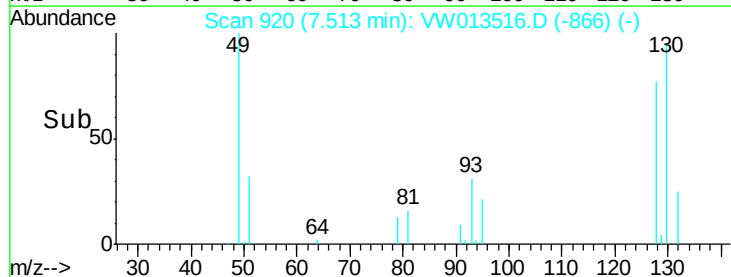
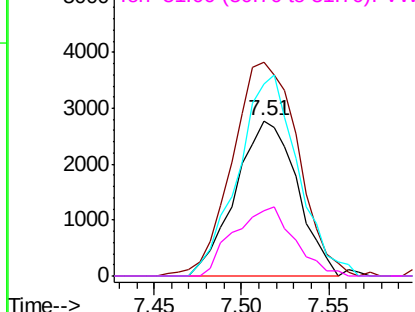
Abundance

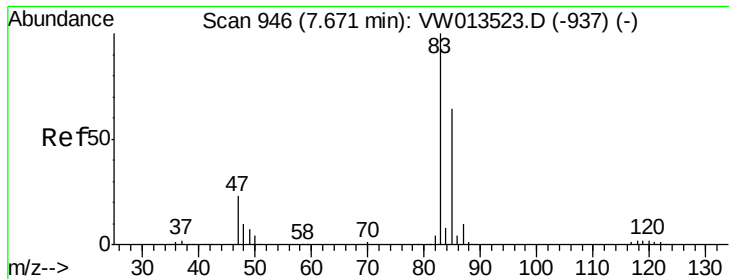
Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VW

Ion 130.00 (129.70 to 130.70): V

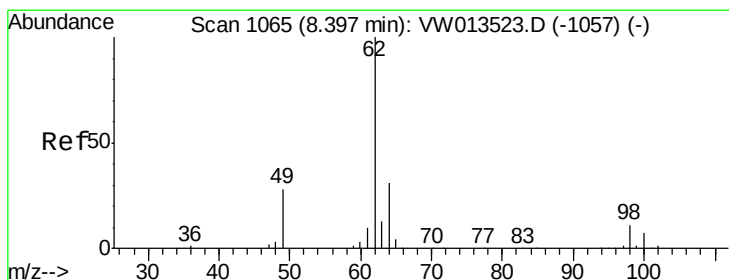
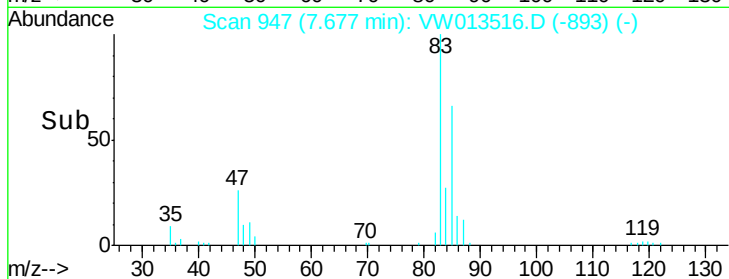
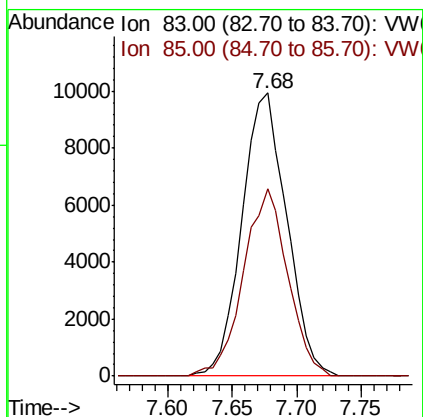
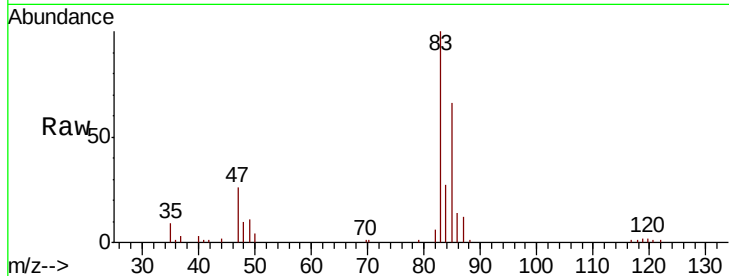
Ion 51.00 (50.70 to 51.70): VW





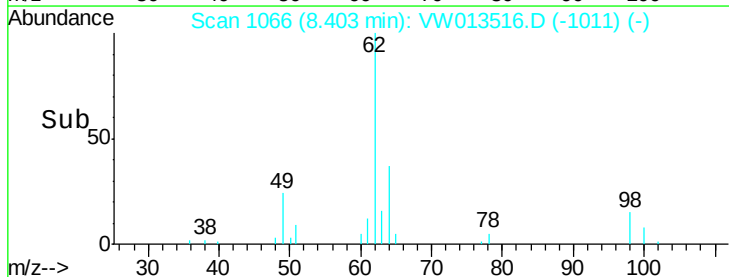
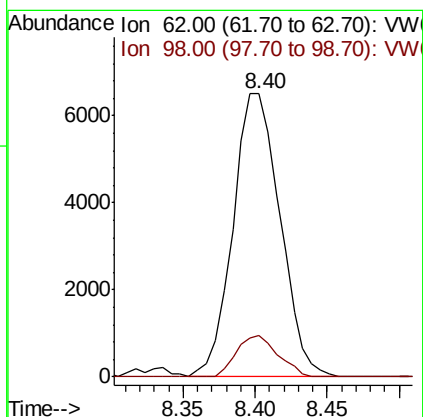
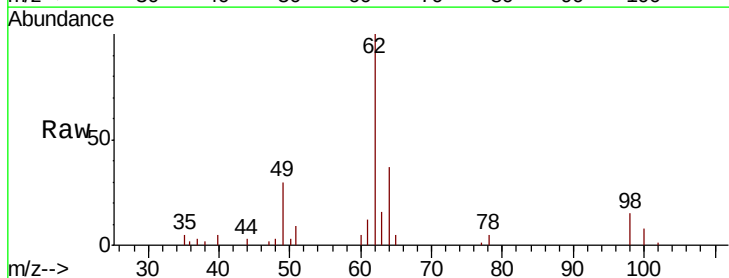
#25
Chloroform
Concen: 2.324 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

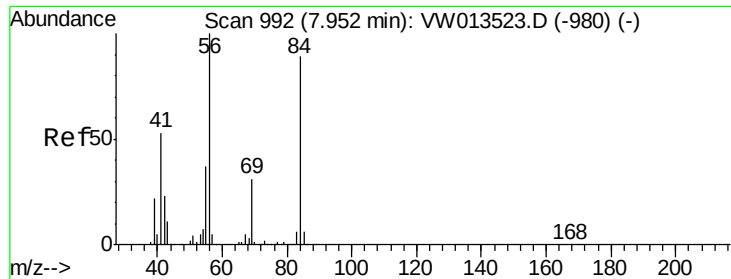
Tot Ion: 83 Resp: 23977
Ion Ratio Lower Upper
83 100
85 65.4 46.1 85.5



#27
1,2-Dichloroethane
Concen: 2.189 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

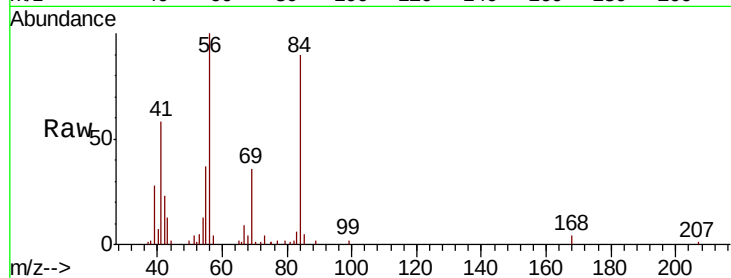
Tgt Ion: 62 Resp: 14792
Ion Ratio Lower Upper
62 100
98 14.7 9.0 13.4#



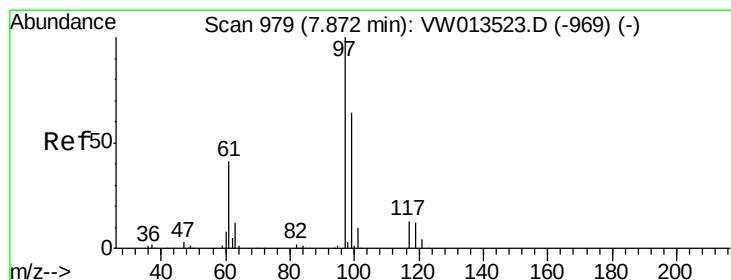
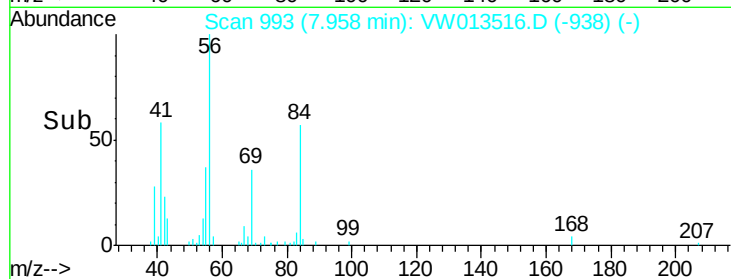
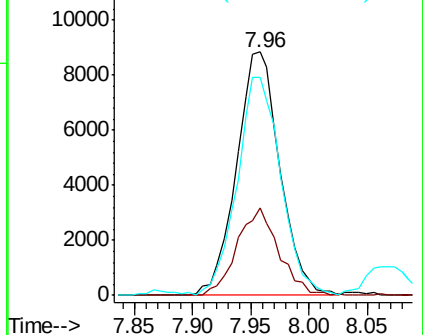


#30
Cyclohexane
Concen: 2.274 ug/L
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

Tot Ion: 56 Resp: 22962
Ion Ratio Lower Upper
56 100
69 33.7 24.7 37.1
84 90.6 70.4 105.6

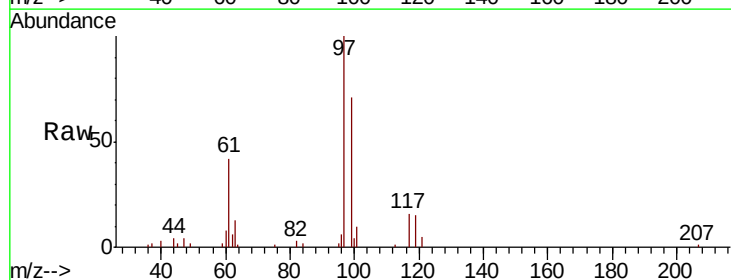


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

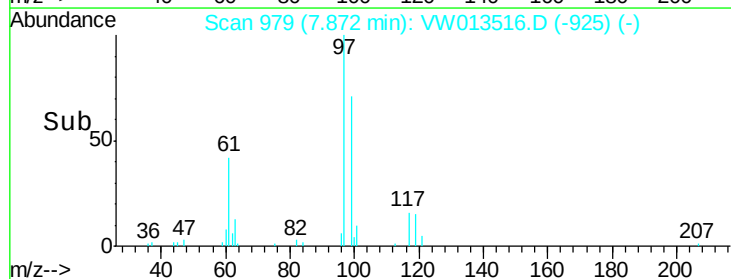
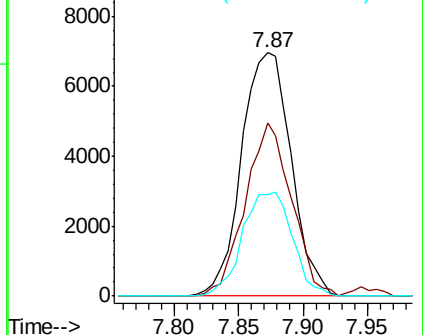


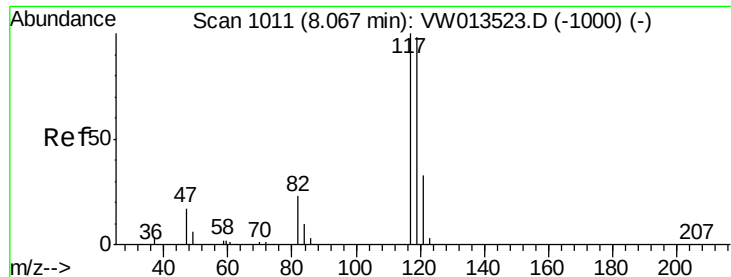
#31
1,1,1-Trichloroethane
Concen: 2.309 ug/L
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

Tgt Ion: 97 Resp: 18631
Ion Ratio Lower Upper
97 100
99 66.4 51.8 77.8
61 42.9 33.7 50.5



Abundance Ion 97.00 (96.70 to 97.70): VW
Ion 99.00 (98.70 to 99.70): VW
Ion 61.00 (60.70 to 61.70): VW





#32

Carbon tetrachloride

Concen: 2.258 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW013516.D

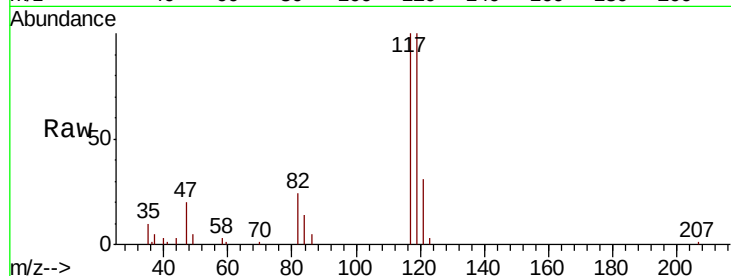
Acq: 10 Oct 2019 11:14

Tot Ion:117 Resp: 17373

Ion Ratio Lower Upper

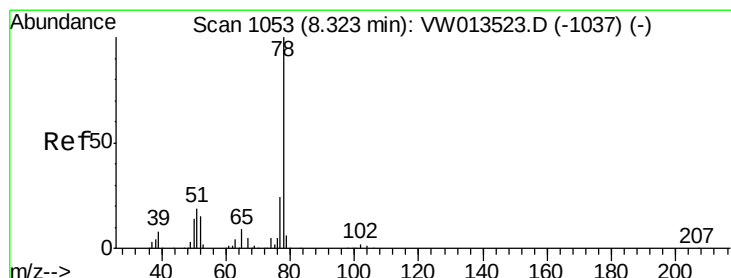
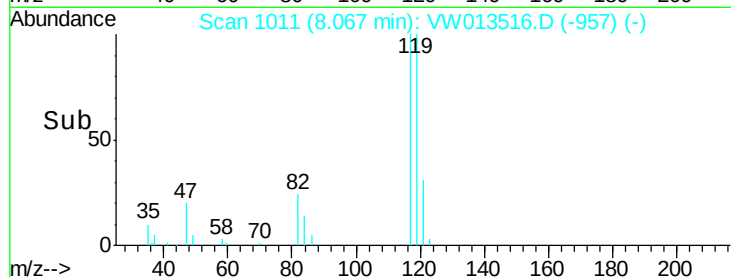
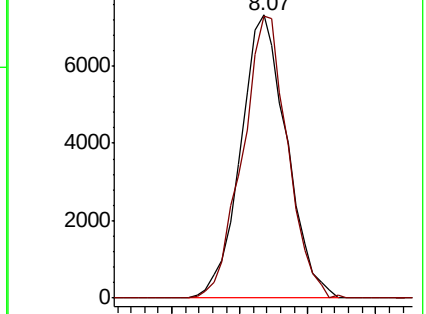
117 100

119 96.9 76.1 114.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 2.350 ug/L

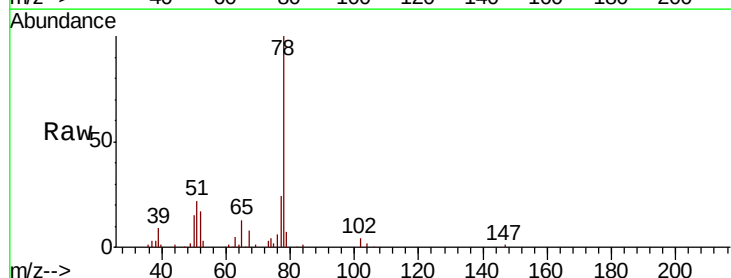
RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

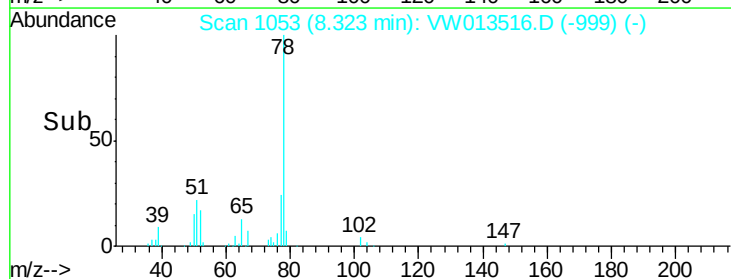
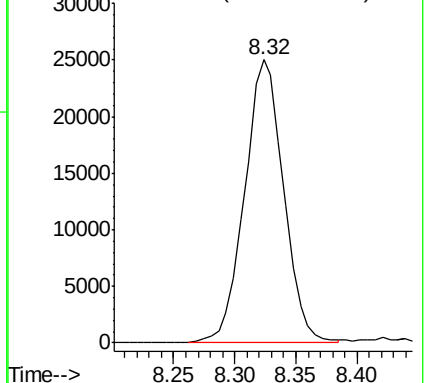
Lab File: VW013516.D

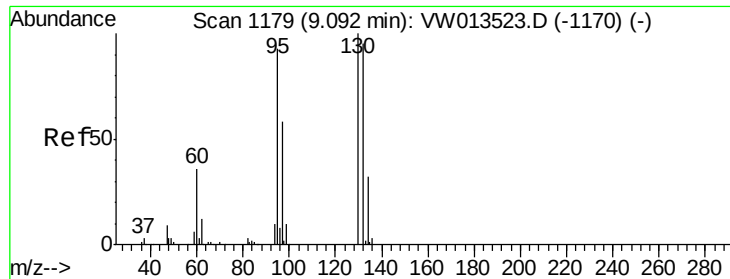
Acq: 10 Oct 2019 11:14

Tgt Ion: 78 Resp: 55382



Abundance Ion 78.00 (77.70 to 78.70): VW





#35

Trichloroethene

Concen: 2.487 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW013516.D

Acq: 10 Oct 2019 11:14

Tot Ion: 95 Resp: 15400

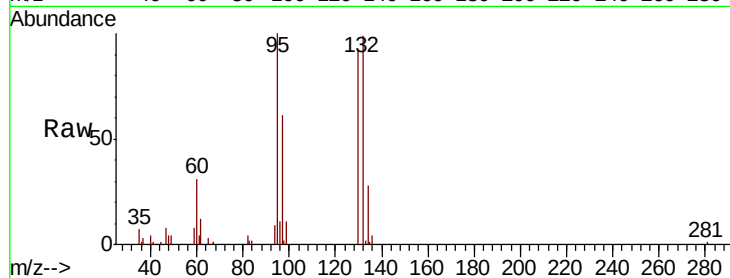
Ion Ratio Lower Upper

95 100

97 60.8 45.1 83.7

132 99.6 73.6 136.8

130 101.4 76.3 141.7

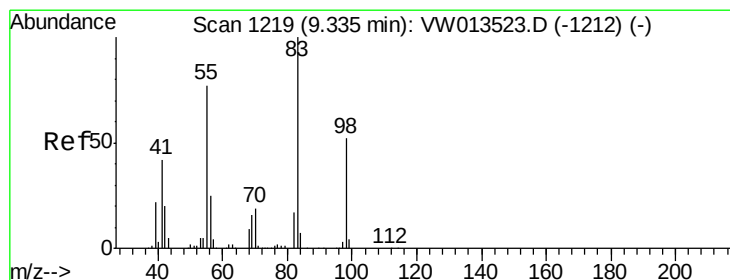
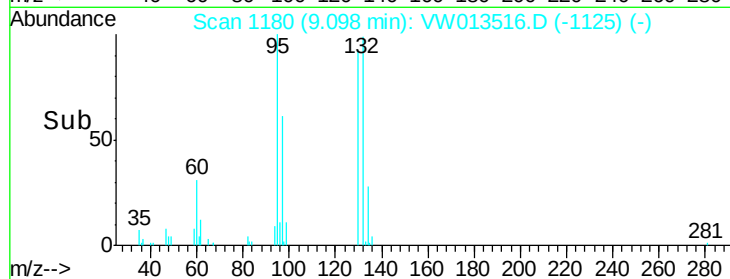
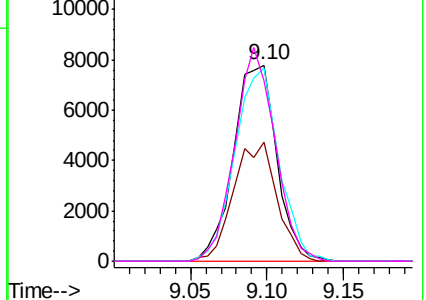


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 2.390 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW013516.D

Acq: 10 Oct 2019 11:14

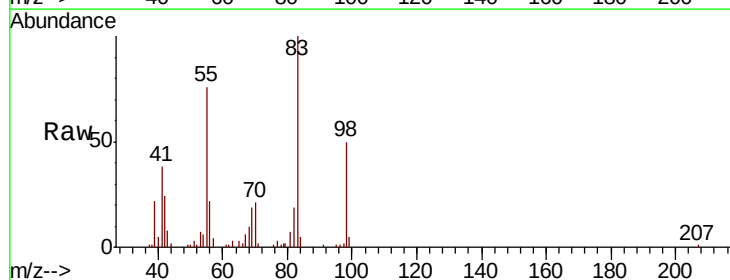
Tgt Ion: 83 Resp: 26359

Ion Ratio Lower Upper

83 100

55 75.1 60.4 90.6

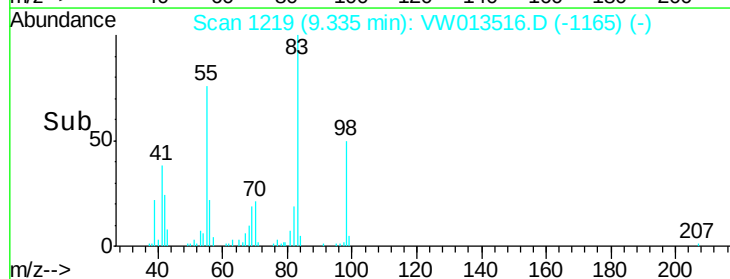
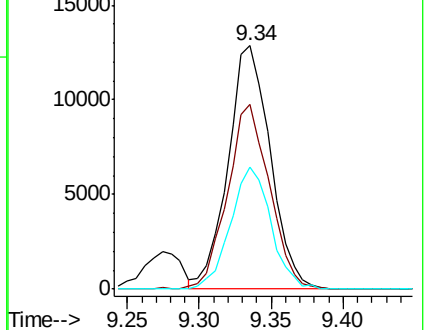
98 47.9 39.3 58.9

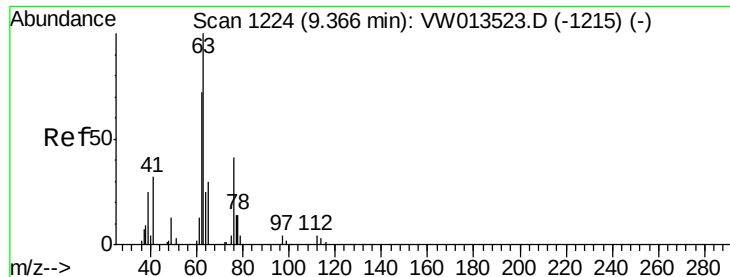


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 2.355 ug/L

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW013516.D

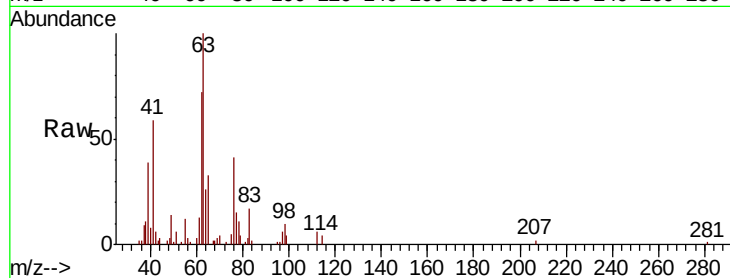
Acq: 10 Oct 2019 11:14

Tot Ion: 63 Resp: 13653

Ion Ratio Lower Upper

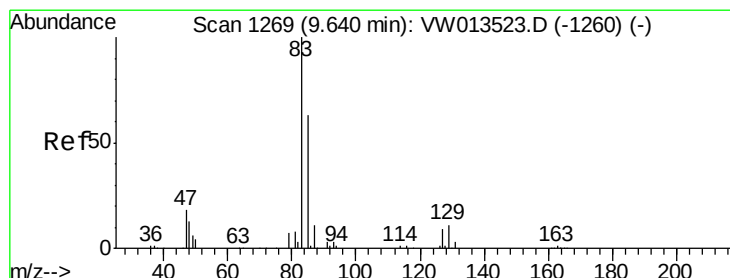
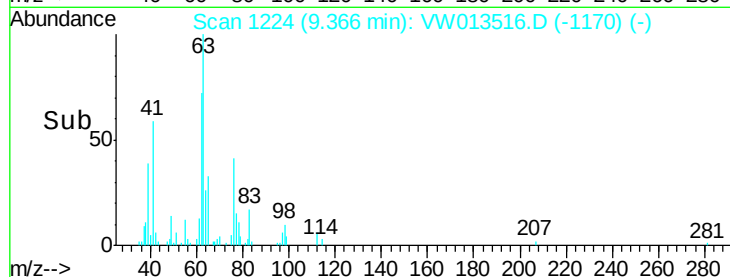
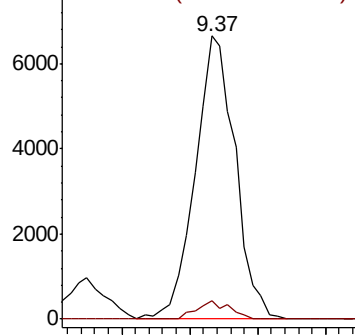
63 100

112 5.2 3.8 5.8



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#41

Bromodichloromethane

Concen: 2.216 ug/L

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW013516.D

Acq: 10 Oct 2019 11:14

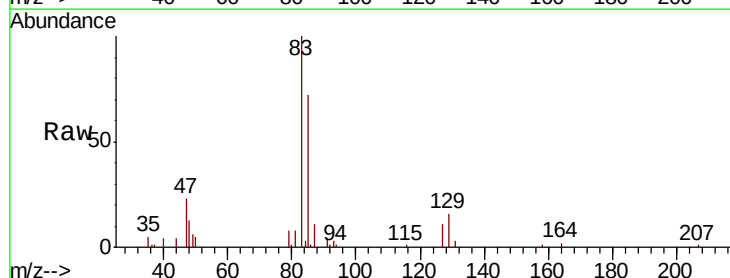
Tgt Ion: 83 Resp: 15761

Ion Ratio Lower Upper

83 100

85 72.2 45.1 83.9

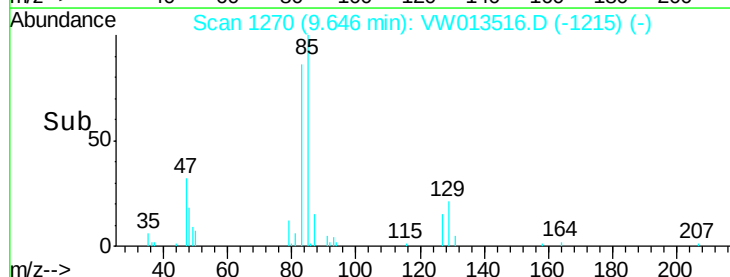
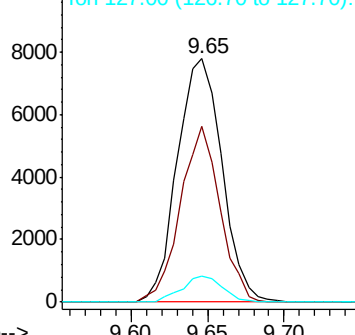
127 10.8 7.1 10.7#

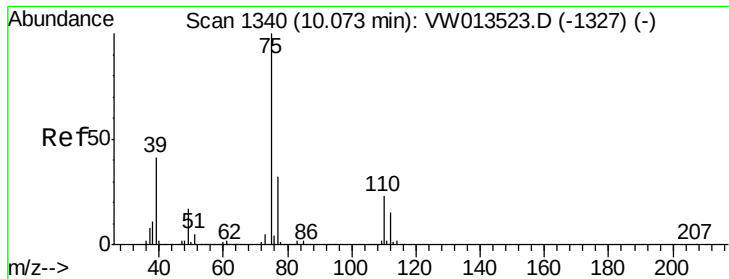


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): V

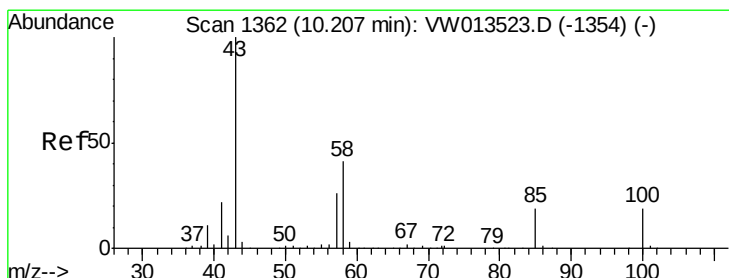
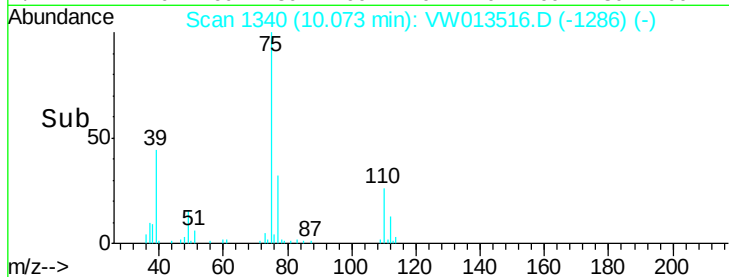
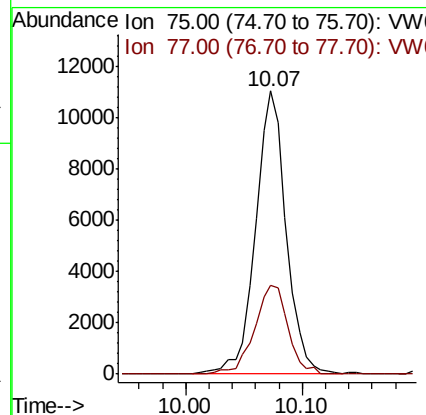
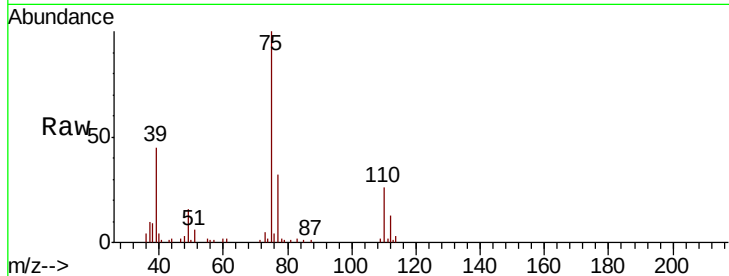




#42

cis-1,3-Dichloropropene
 Concen: 2.169 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW013516.D
 Acq: 10 Oct 2019 11:14

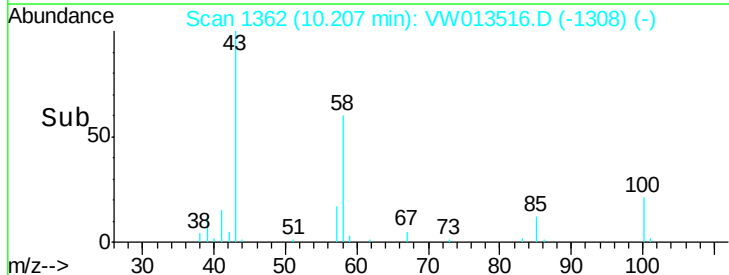
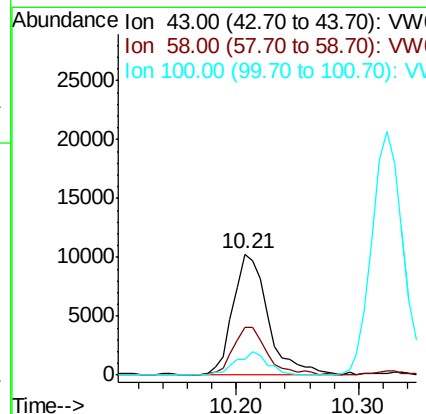
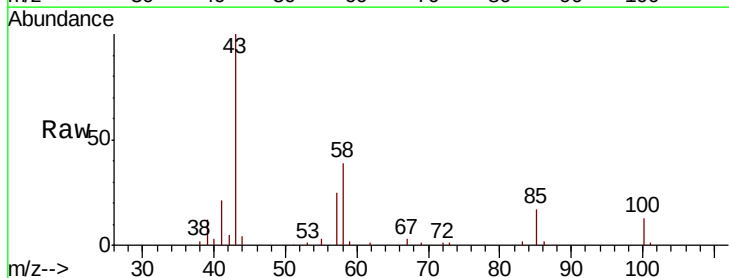
Tot Ion: 75 Resp: 20086
 Ion Ratio Lower Upper
 75 100
 77 31.5 21.6 40.2

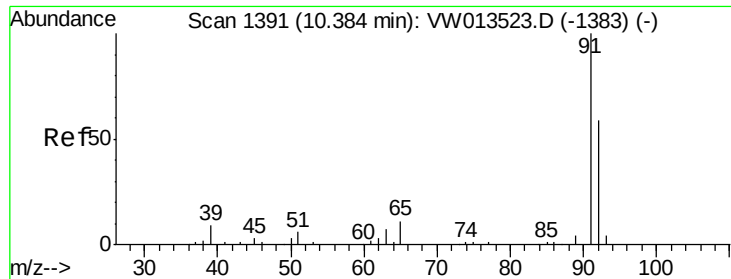


#43

4-Methyl-2-pentanone
 Concen: 4.606 ug/L
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW013516.D
 Acq: 10 Oct 2019 11:14

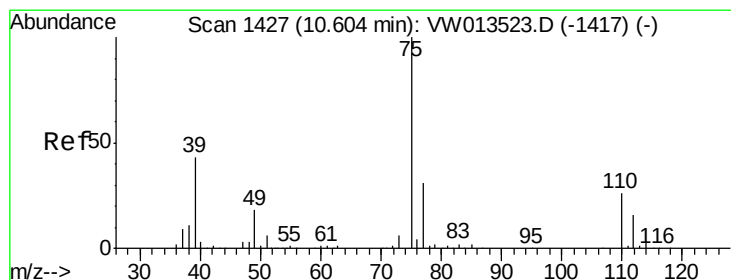
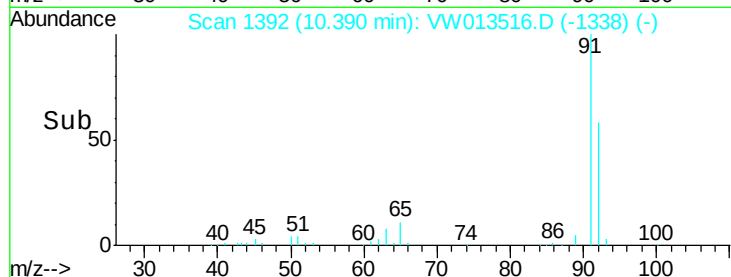
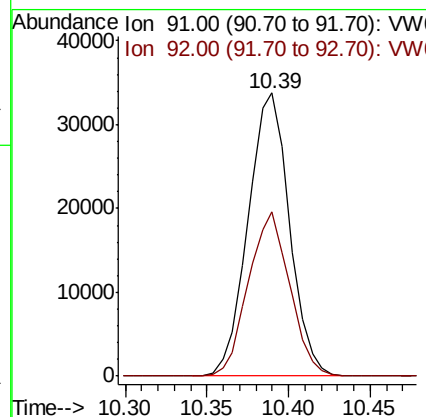
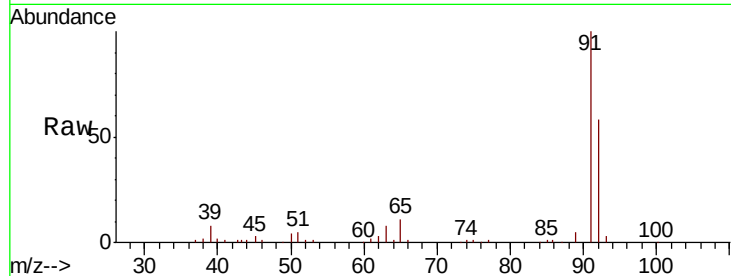
Tgt Ion: 43 Resp: 20446
 Ion Ratio Lower Upper
 43 100
 58 37.2 32.0 48.0
 100 16.9 13.7 20.5





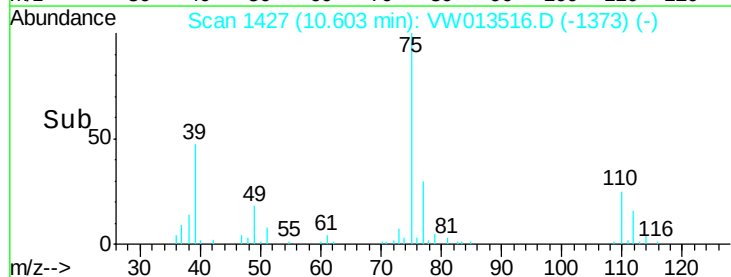
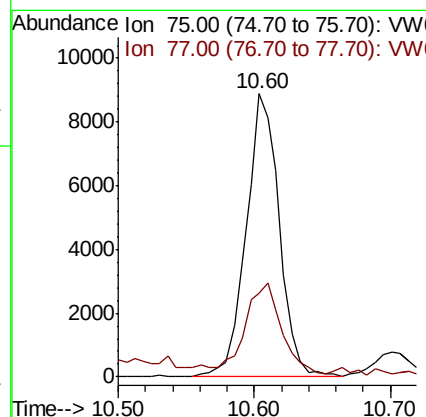
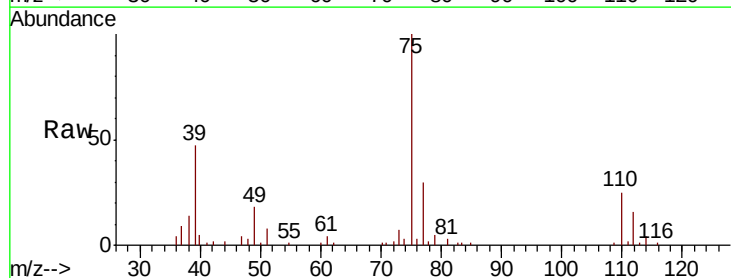
#44
Toluene
Concen: 2.323 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

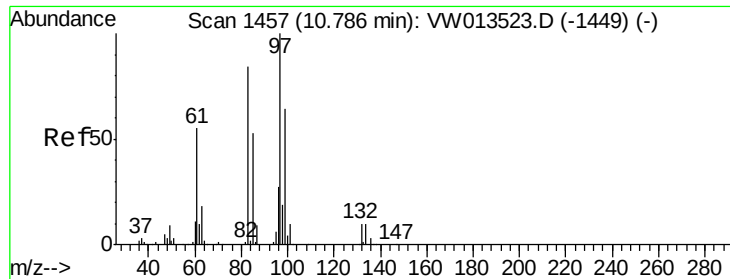
Tot Ion: 91 Resp: 59598
Ion Ratio Lower Upper
91 100
92 57.9 40.0 74.4



#45
trans-1,3-Dichloropropene
Concen: 2.031 ug/L
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

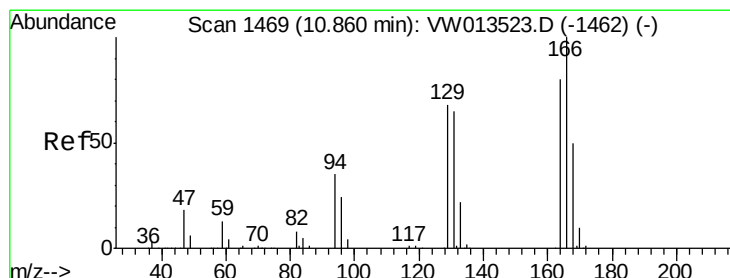
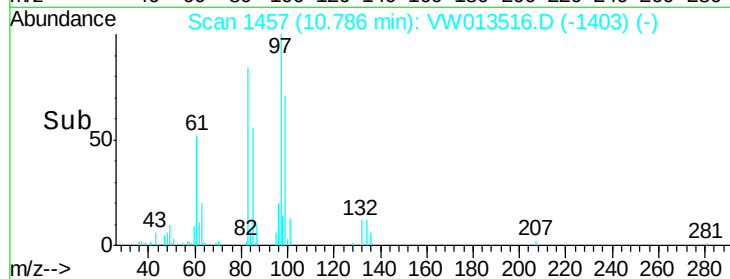
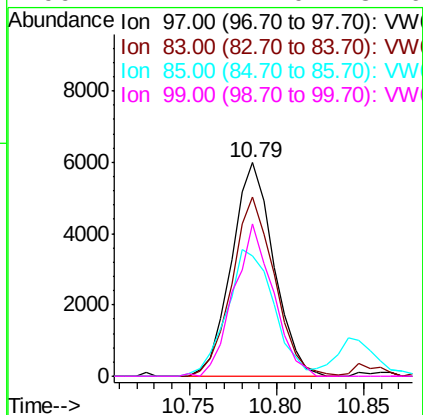
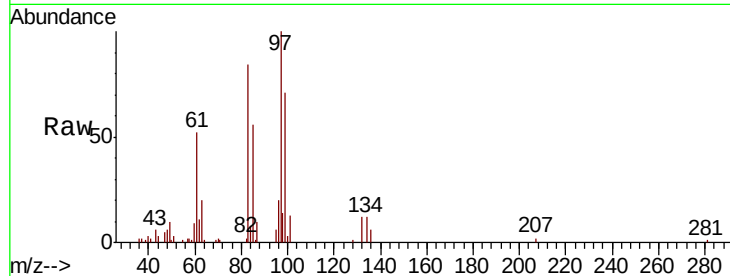
Tgt Ion: 75 Resp: 15120
Ion Ratio Lower Upper
75 100
77 29.8 23.0 42.6





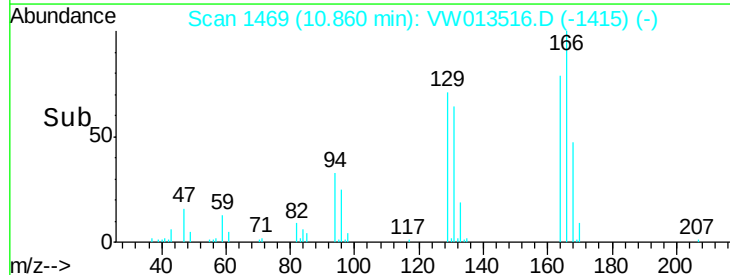
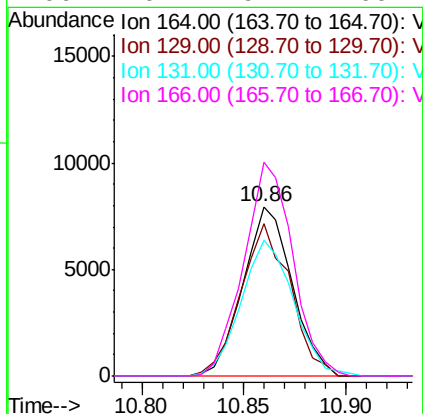
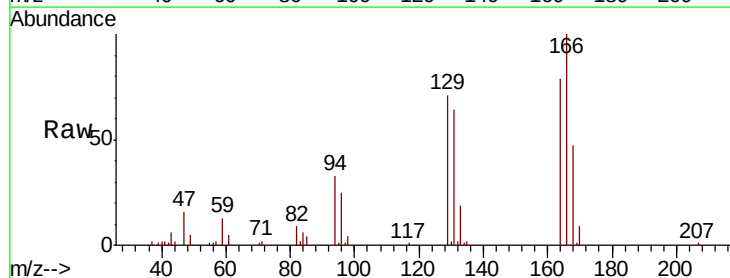
#46
1,1,2-Trichloroethane
Concen: 2.208 ug/L
RT: 10.79 min Scan# 1457
Delta R.T. -0.00 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

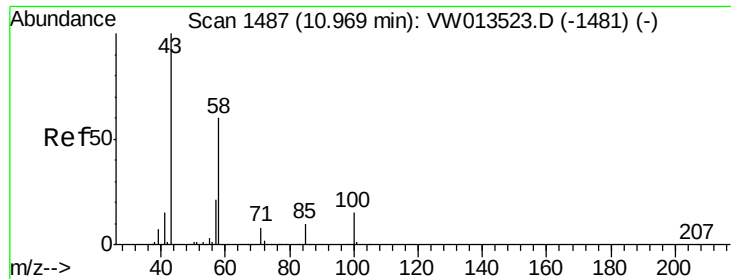
Tot Ion:	97	Resp:	10029
Ion	Ratio	Lower	Upper
97	100		
83	83.9	57.5	106.9
85	56.0	36.8	68.4
99	71.4	44.0	81.6



#47
Tetrachloroethene
Concen: 2.385 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

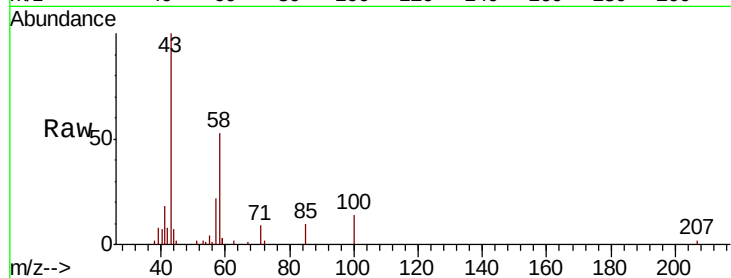
Tgt Ion:	164	Resp:	13286
Ion	Ratio	Lower	Upper
164	100		
129	89.8	60.2	111.8
131	80.6	57.0	105.9
166	126.4	91.2	169.4



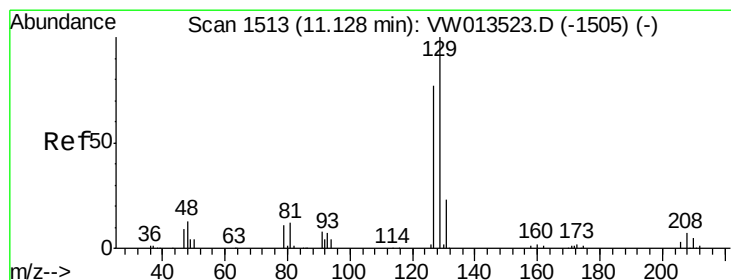
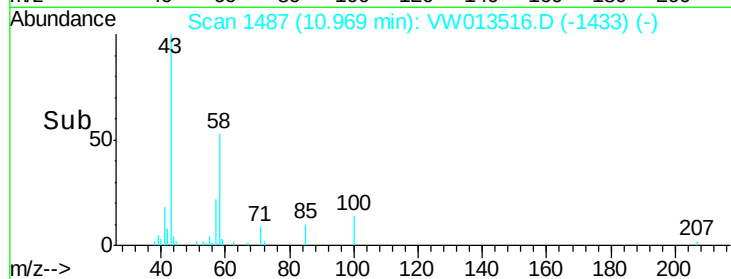
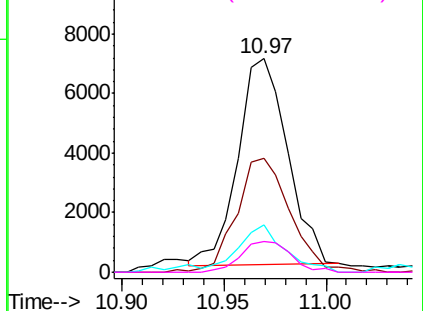


#49
2-Hexanone
Concen: 3.679 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

Tot Ion: 43 Resp: 11739
Ion Ratio Lower Upper
43 100
58 59.1 45.2 67.8
57 21.3 15.8 23.8
100 15.1 11.0 16.6

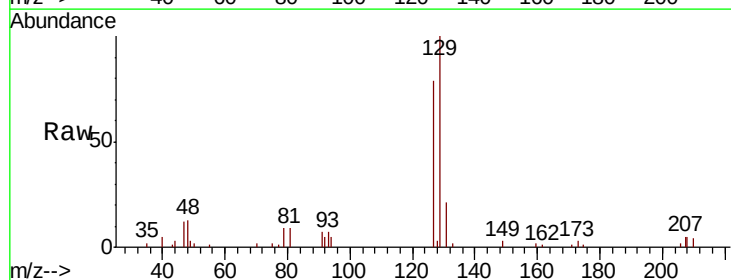


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW
Ion 57.00 (56.70 to 57.70): VW
Ion 100.00 (99.70 to 100.70): VW

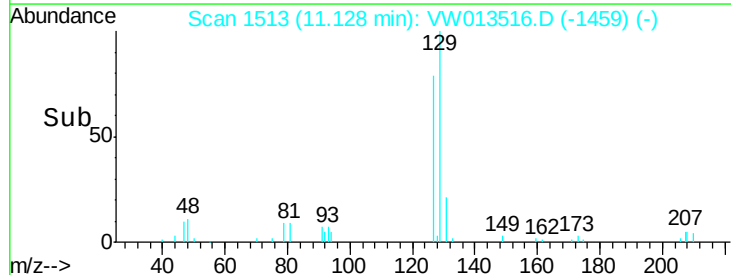
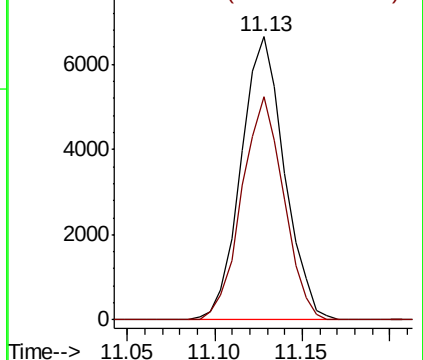


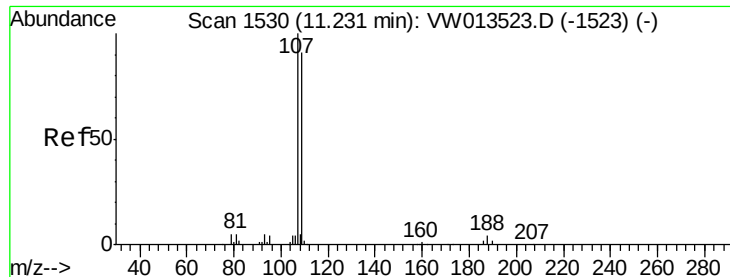
#50
Dibromochloromethane
Concen: 2.203 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

Tgt Ion: 129 Resp: 11479
Ion Ratio Lower Upper
129 100
127 79.0 54.7 101.5



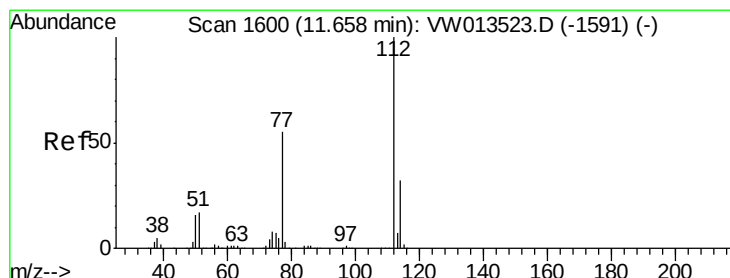
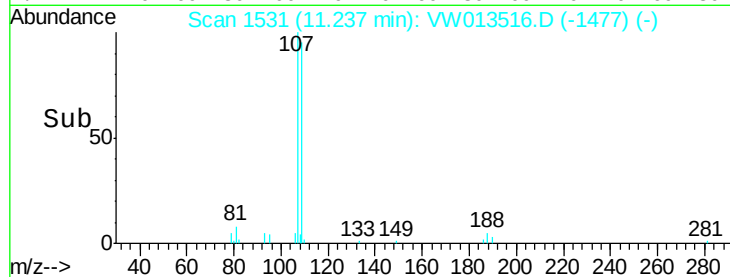
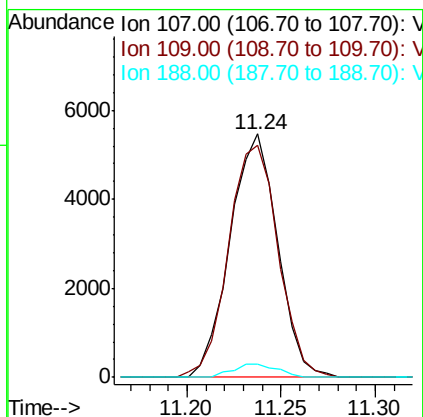
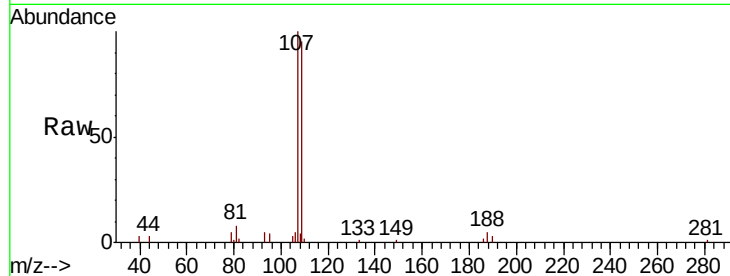
Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V





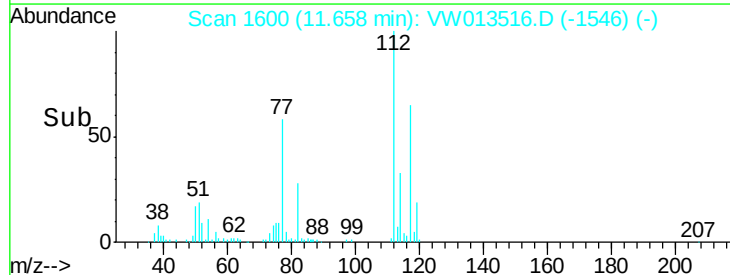
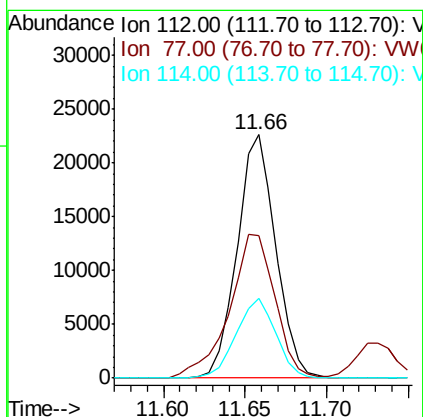
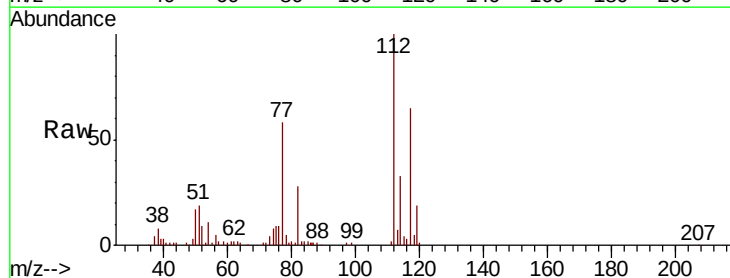
#51
 1,2-Dibromoethane
 Concen: 2.144 ug/L
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW013516.D
 Acq: 10 Oct 2019 11:14

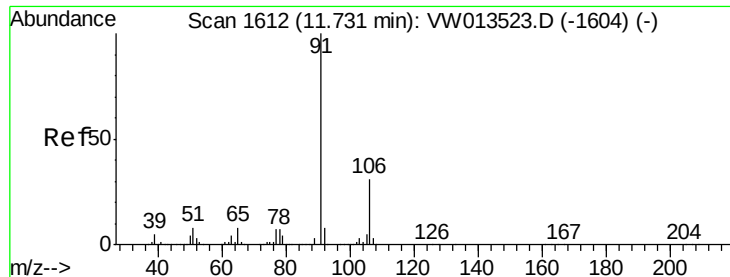
Tot Ion	Ratio	Lower	Upper
107	100		
109	95.2	65.5	121.7
188	5.4	3.6	5.4#



#52
 Chlorobenzene
 Concen: 2.306 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VW013516.D
 Acq: 10 Oct 2019 11:14

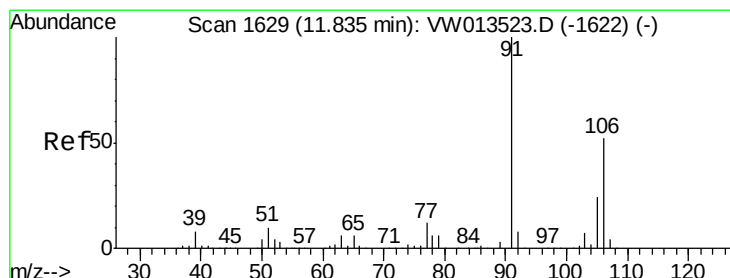
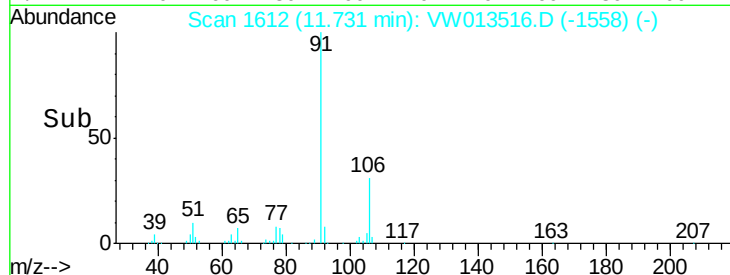
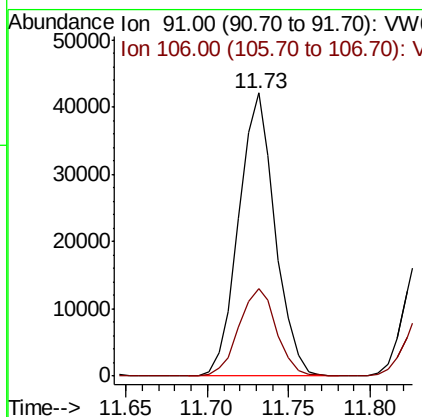
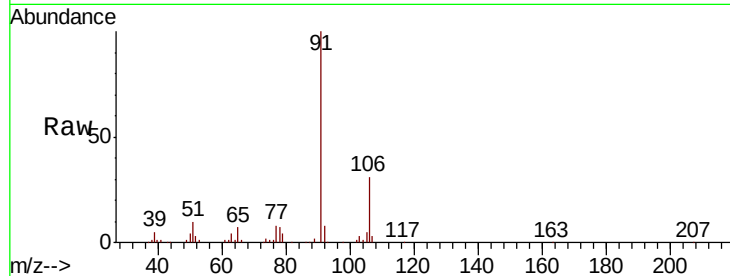
Tgt Ion	Ratio	Lower	Upper
112	100		
77	58.4	44.5	66.7
114	32.9	22.7	42.3





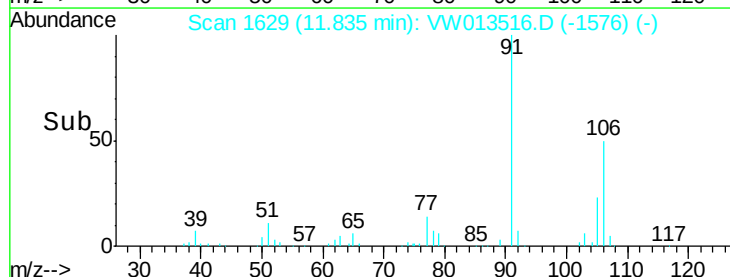
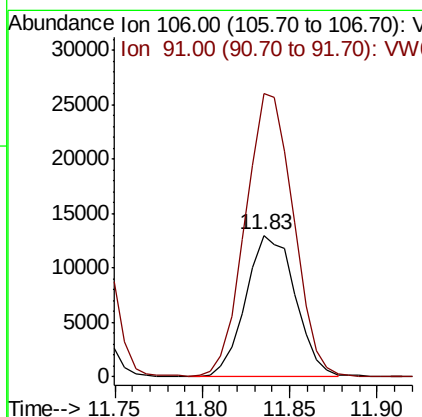
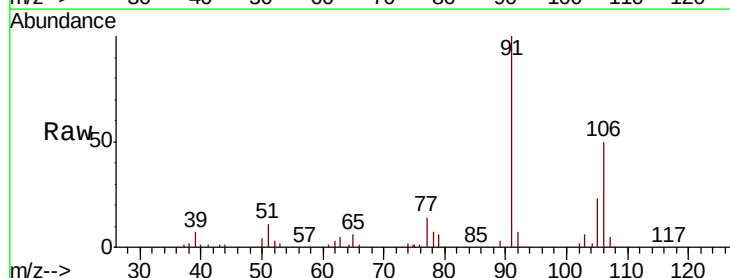
#53
Ethylbenzene
Concen: 2.305 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

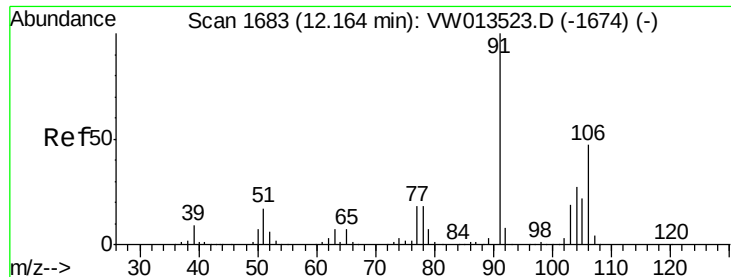
Tot Ion: 91 Resp: 65554
Ion Ratio Lower Upper
91 100
106 31.0 21.5 39.9



#54
m,p-Xylene
Concen: 2.367 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

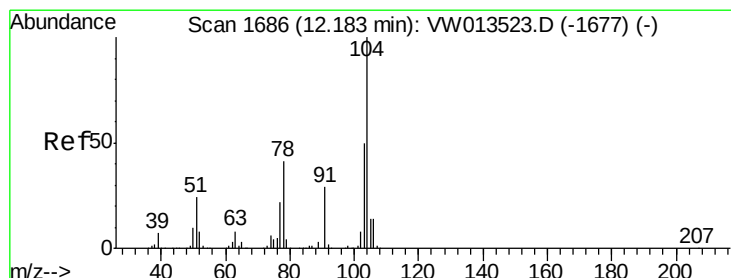
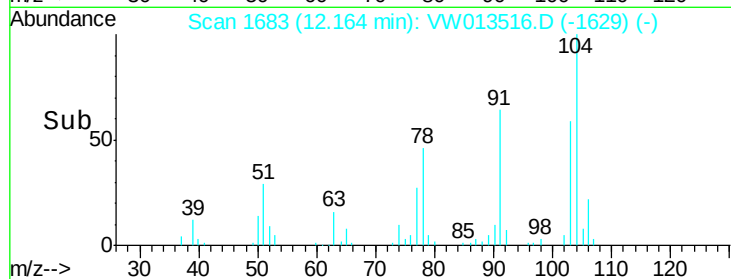
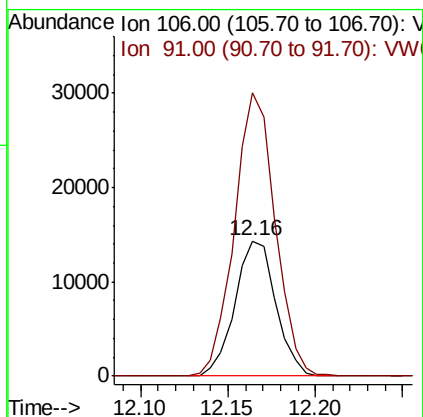
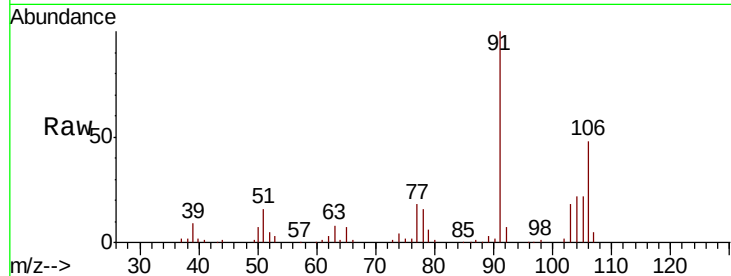
Tgt Ion: 106 Resp: 25854
Ion Ratio Lower Upper
106 100
91 200.4 139.4 258.8





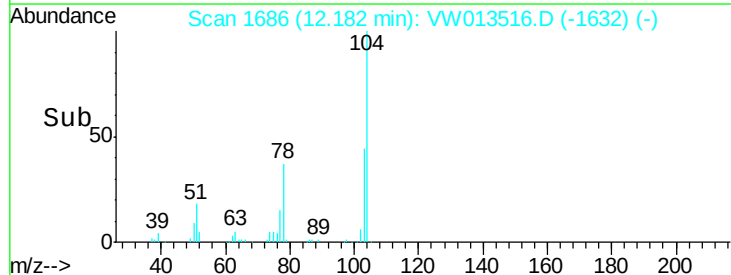
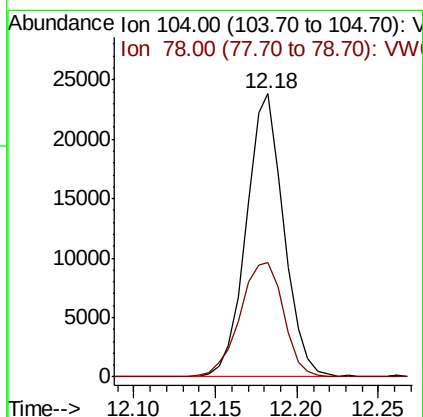
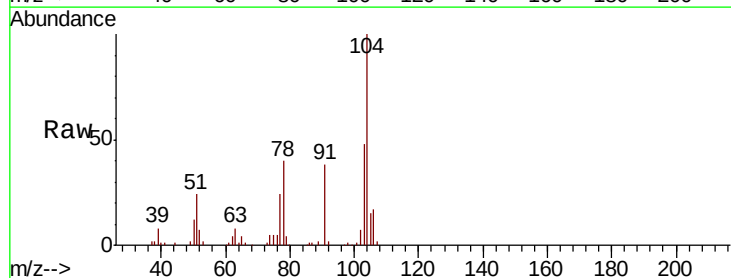
#55
o-xylene
Concen: 2.266 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

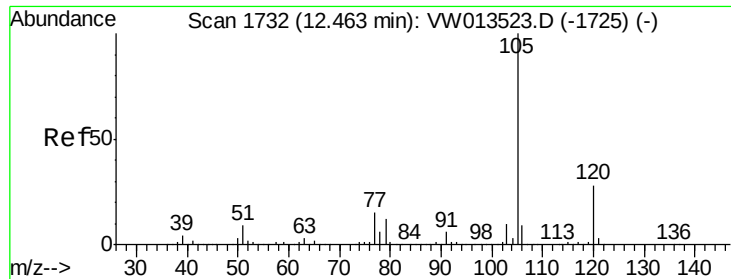
Tot Ion:106 Resp: 23352
Ion Ratio Lower Upper
106 100
91 209.5 148.4 275.6



#56
Styrene
Concen: 2.158 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

Tgt Ion:104 Resp: 38130
Ion Ratio Lower Upper
104 100
78 40.3 28.4 52.8





#57

Isopropylbenzene

Concen: 2.359 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013516.D

Acq: 10 Oct 2019 11:14

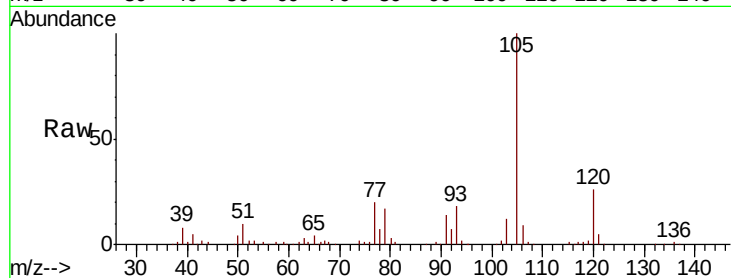
Tot Ion: 105 Resp: 65729

Ion	Ratio	Lower	Upper
105	100		
120	26.7	21.7	32.5
77	21.1	11.8	17.6

105 100

120 26.7 21.7 32.5

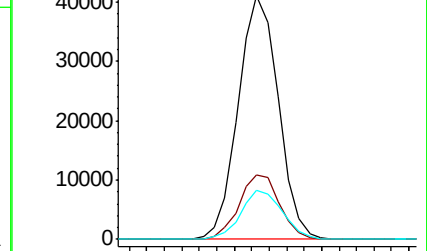
77 21.1 11.8 17.6#



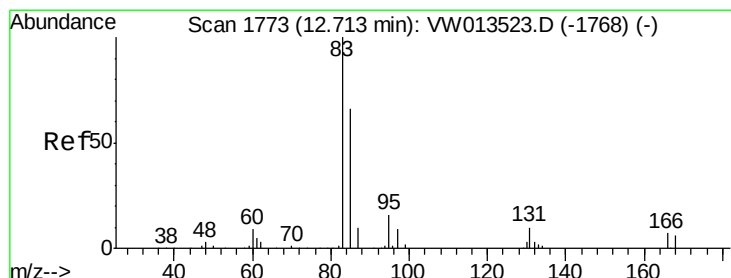
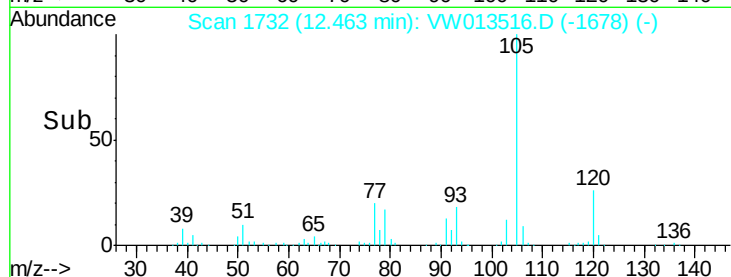
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



Time-->



#58

1,1,2,2-Tetrachloroethane

Concen: 2.122 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013516.D

Acq: 10 Oct 2019 11:14

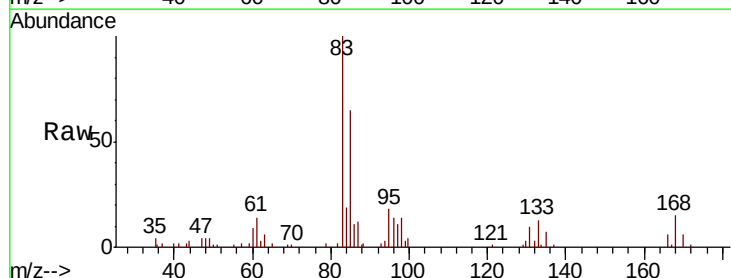
Tgt Ion: 83 Resp: 11878

Ion	Ratio	Lower	Upper
83	100		
85	64.8	44.7	83.1
131	10.3	7.8	11.6

83 100

85 64.8 44.7 83.1

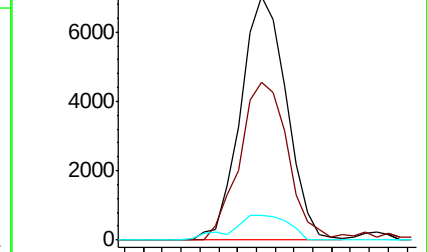
131 10.3 7.8 11.6



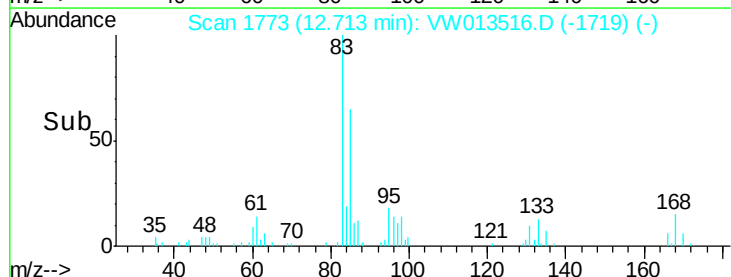
Abundance Ion 83.00 (82.70 to 83.70): VW

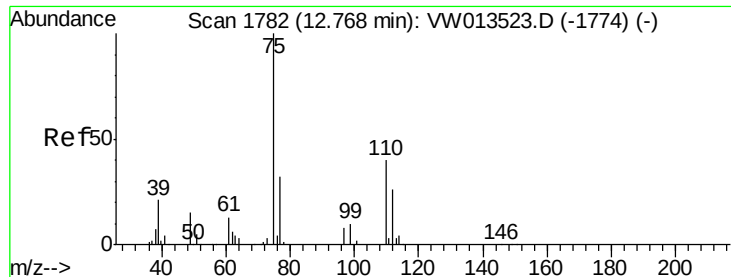
Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V



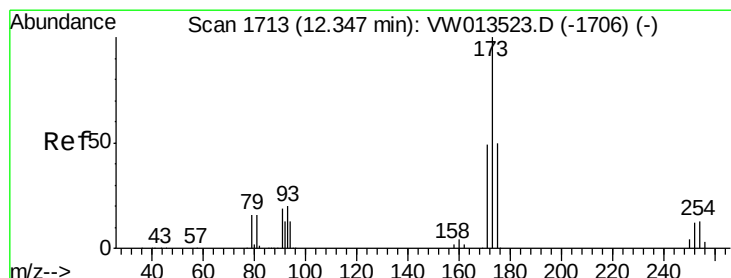
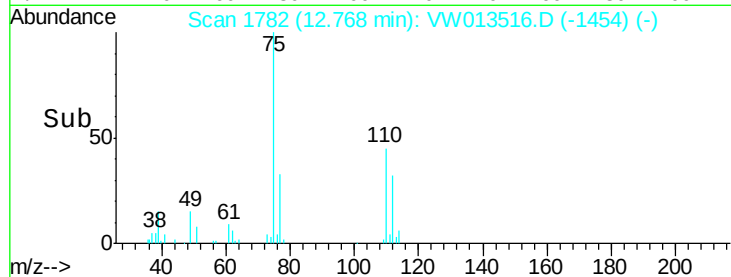
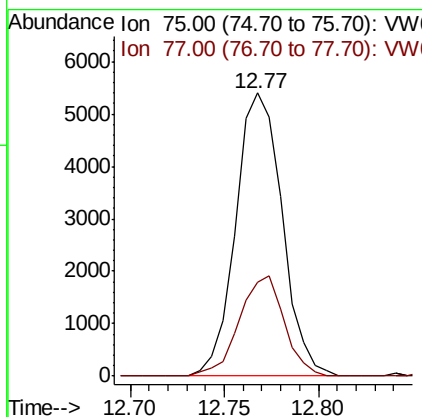
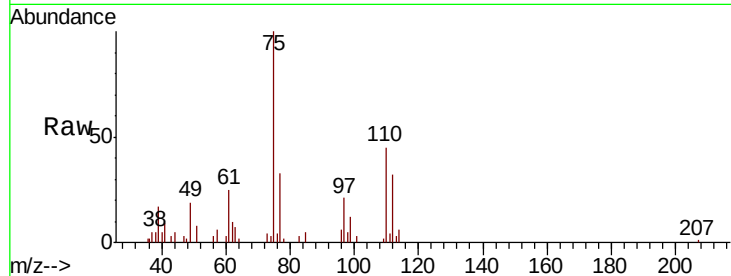
Time-->





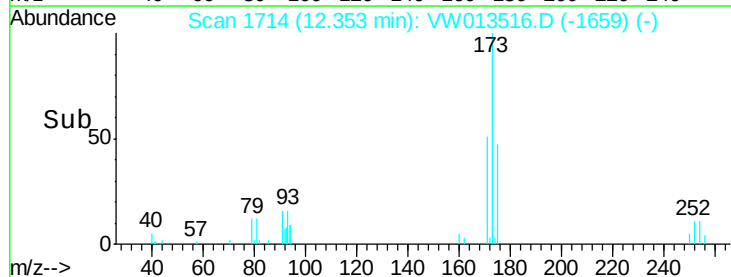
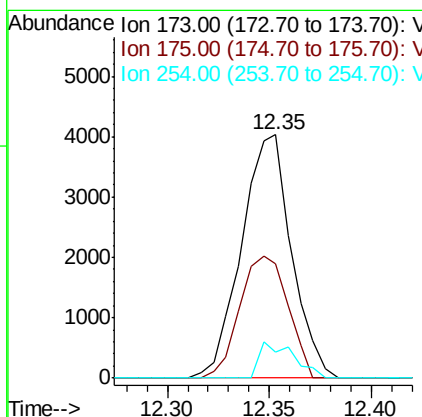
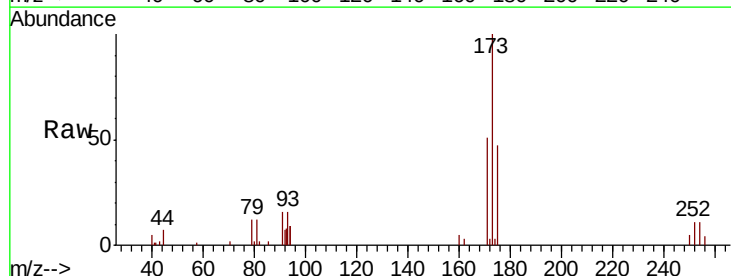
#59
 1,2,3-Trichloropropane
 Concen: 2.208 ug/L
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW013516.D
 Acq: 10 Oct 2019 11:14

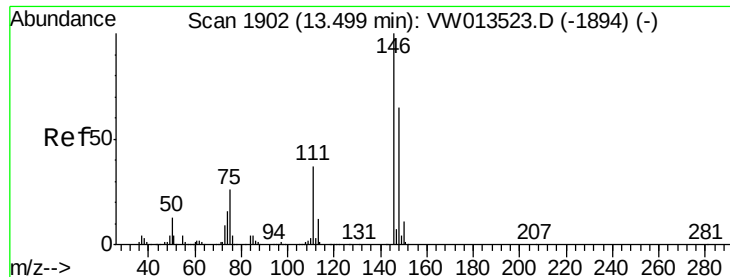
Tot Ion: 75 Resp: 9222
 Ion Ratio Lower Upper
 75 100
 77 34.3 25.5 38.3



#62
 Bromoform
 Concen: 2.110 ug/L
 RT: 12.35 min Scan# 1714
 Delta R.T. 0.01 min
 Lab File: VW013516.D
 Acq: 10 Oct 2019 11:14

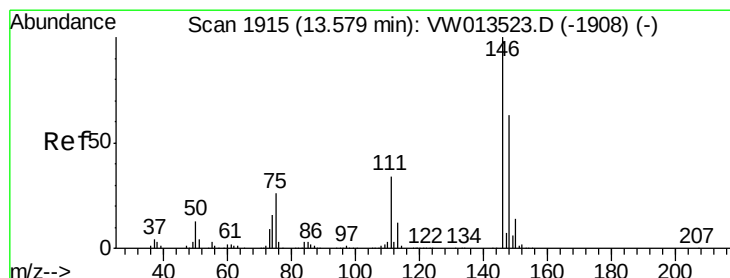
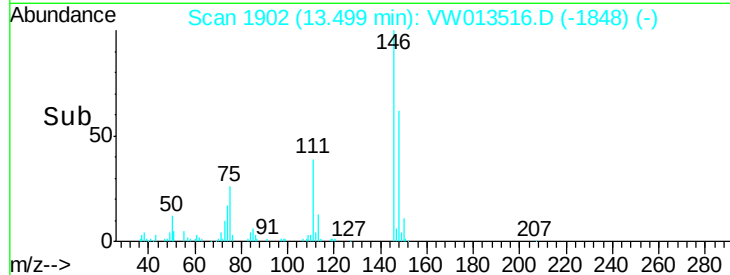
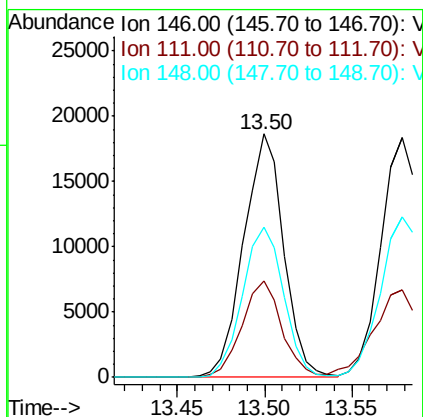
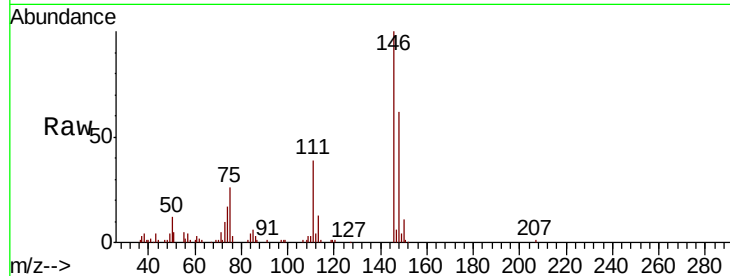
Tgt Ion: 173 Resp: 6879
 Ion Ratio Lower Upper
 173 100
 175 48.2 39.0 58.6
 254 10.3 10.1 15.1





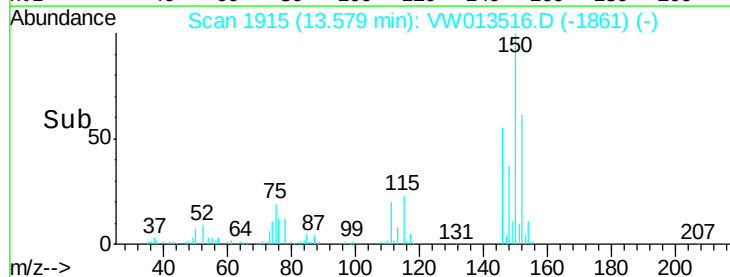
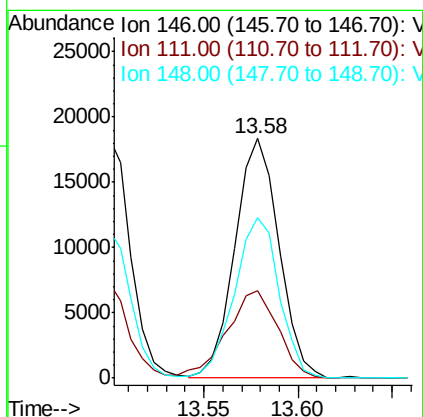
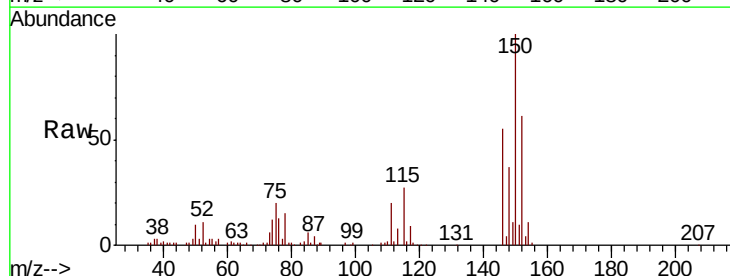
#63
 1,3-Dichlorobenzene
 Concen: 2.341 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013516.D
 Acq: 10 Oct 2019 11:14

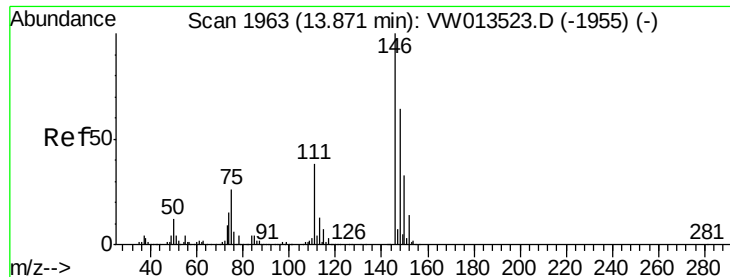
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	25.3	46.9
148	61.7	42.8	79.4



#64
 1,4-Dichlorobenzene
 Concen: 2.321 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW013516.D
 Acq: 10 Oct 2019 11:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	25.8	47.8
148	67.1	43.7	81.1





#65

1,2-Dichlorobenzene

Concen: 2.281 ug/L

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW013516.D

Acq: 10 Oct 2019 11:14

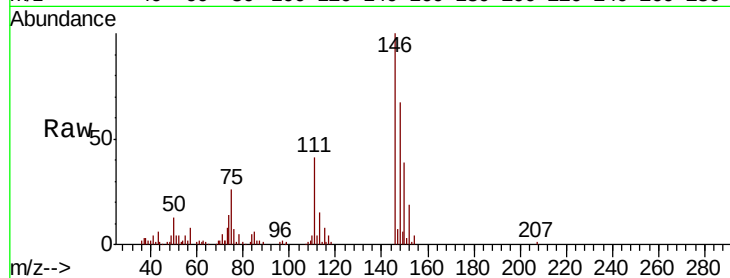
Tot Ion:146 Resp: 26327

Ion Ratio Lower Upper

146 100

111 40.7 31.0 46.4

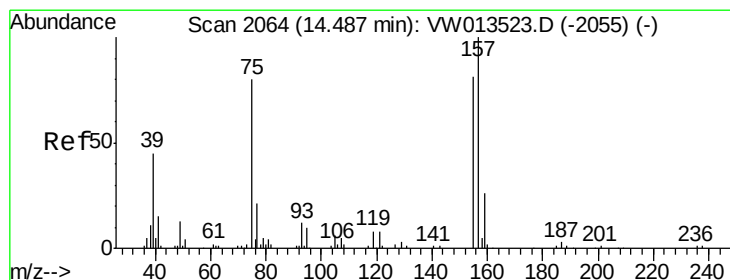
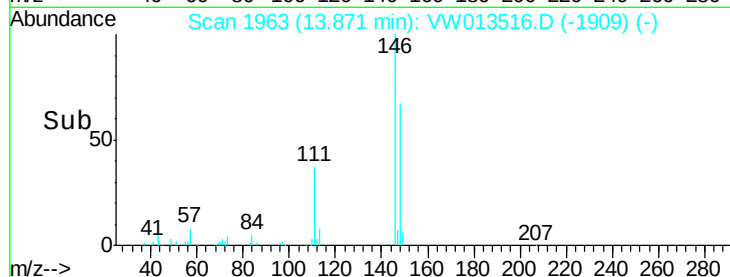
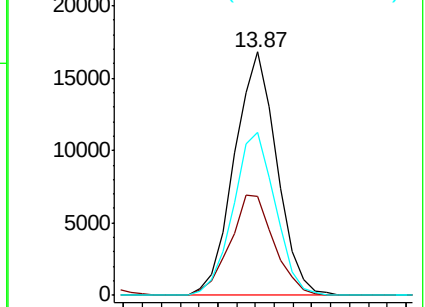
148 67.2 50.3 75.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 1.867 ug/L

RT: 14.49 min Scan# 2064

Delta R.T. 0.01 min

Lab File: VW013516.D

Acq: 10 Oct 2019 11:14

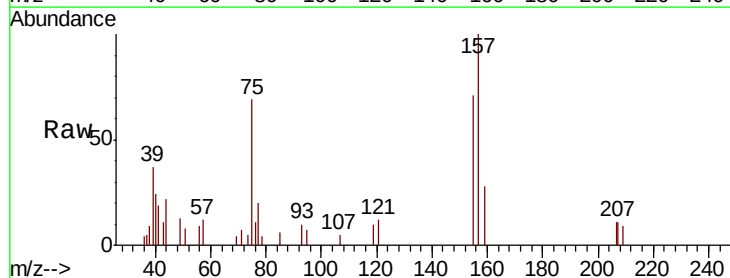
Tgt Ion: 75 Resp: 1697

Ion Ratio Lower Upper

75 100

157 144.7 102.0 153.0

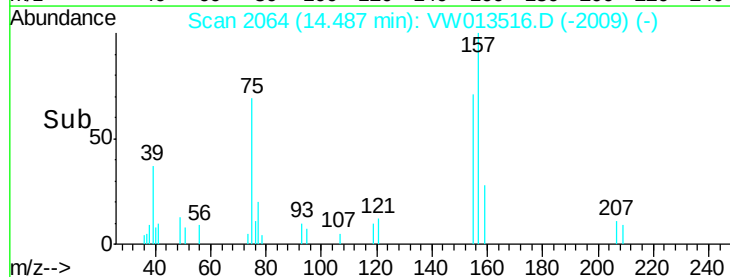
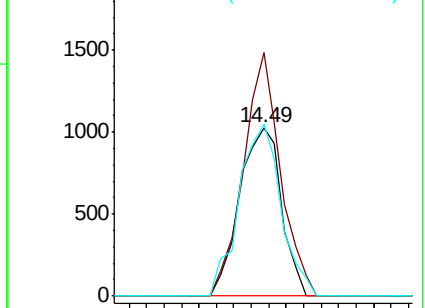
155 102.4 77.6 116.4

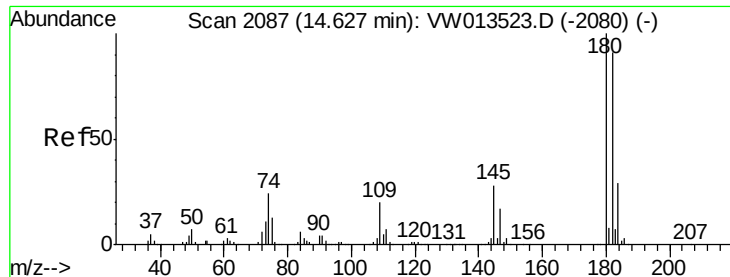


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

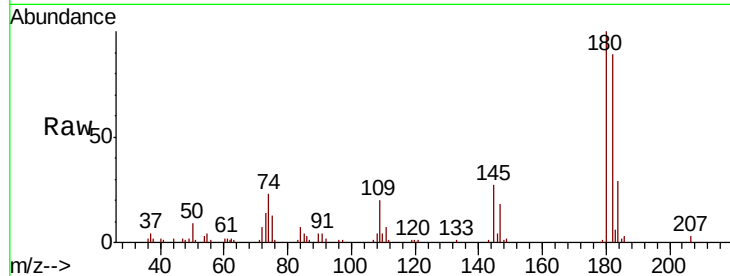
Ion 155.00 (154.70 to 155.70): V



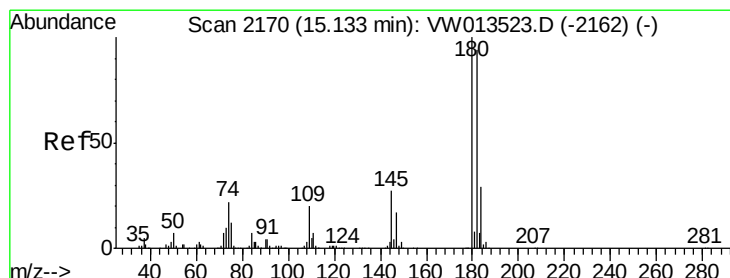
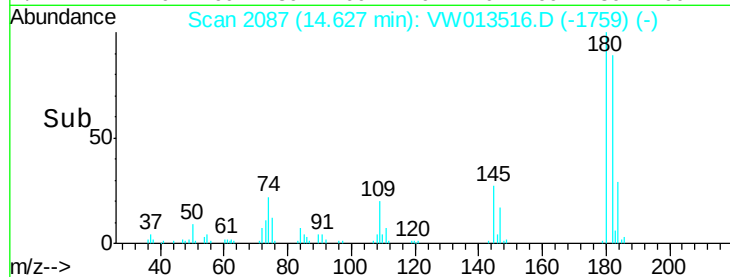
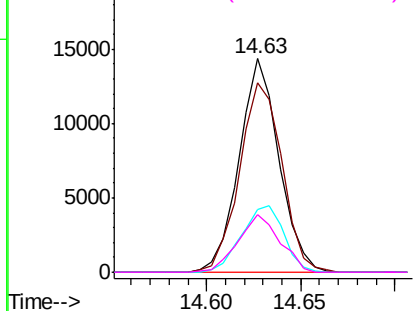


#67
 1,3,5-Trichlorobenzene
 Concen: 2.155 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. -0.00 min
 Lab File: VW013516.D
 Acq: 10 Oct 2019 11:14

Tot Ion:180	Resp:	21047
Ion	Ratio	Lower Upper
180	100	
182	94.4	77.0 115.4
184	32.8	24.7 37.1
145	28.2	22.2 33.2

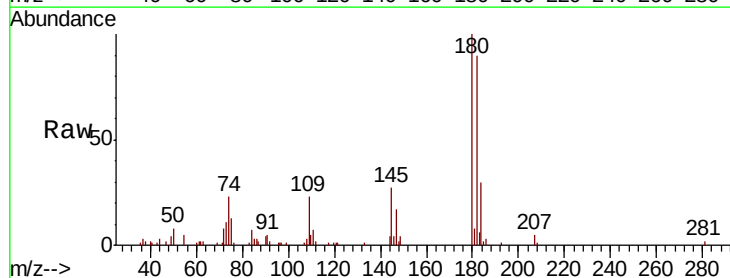


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

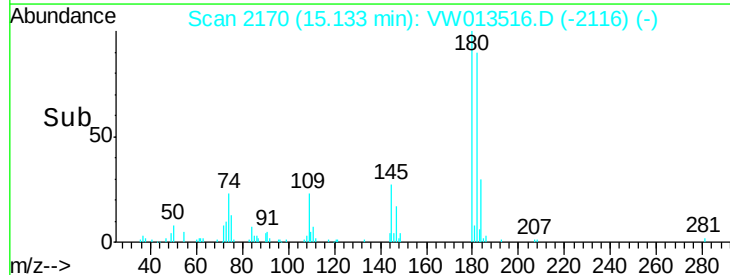
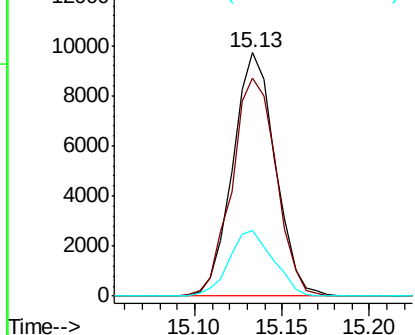


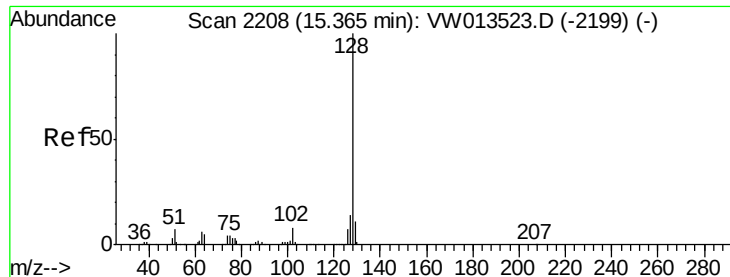
#68
 1,2,4-trichlorobenzene
 Concen: 2.107 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013516.D
 Acq: 10 Oct 2019 11:14

Tgt Ion:180	Resp:	16424
Ion	Ratio	Lower Upper
180	100	
182	93.5	78.2 117.2
145	27.9	22.8 34.2



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 1.724 ug/L

RT: 15.37 min Scan# 2209

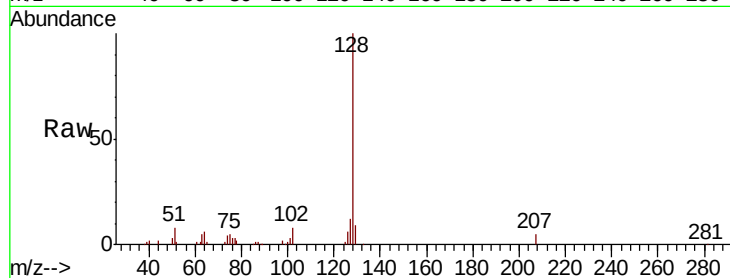
Delta R.T. 0.01 min

Lab File: VW013516.D

Acq: 10 Oct 2019 11:14

Tot Ion:128 Resp: 25670

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.5	12.7
127	13.4	10.4	15.6

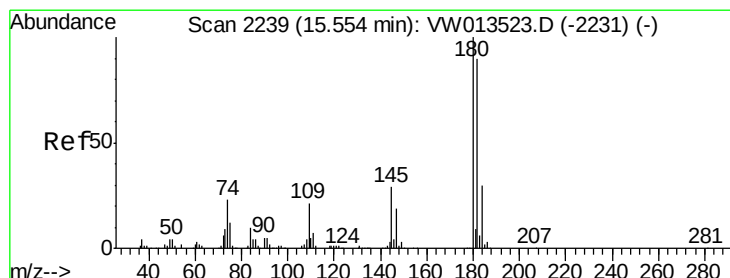
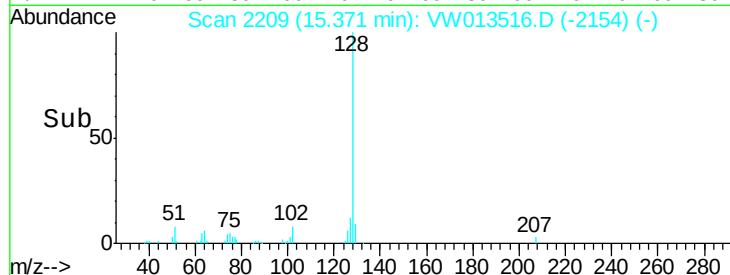
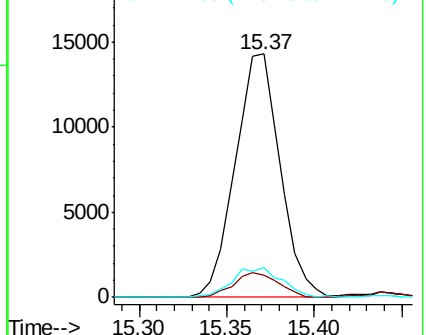


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 2.025 ug/L

RT: 15.56 min Scan# 2240

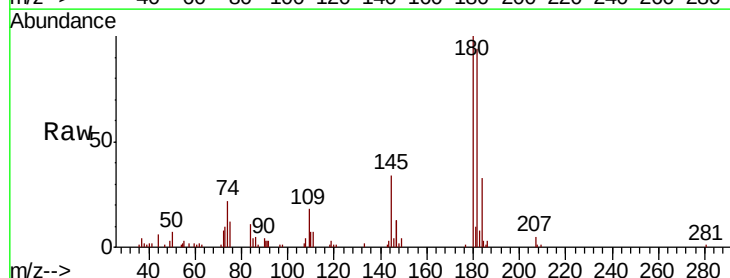
Delta R.T. 0.01 min

Lab File: VW013516.D

Acq: 10 Oct 2019 11:14

Tgt Ion:180 Resp: 14360

Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.0	114.0
145	32.1	23.1	34.7



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

