

Data File : VW013520.D
Acq On : 10 Oct 2019 12:57
Operator : SY/VA
Sample : VSTD10065
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 10 14:10:18 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	504451	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	448811	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	221615	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	551374	91.67	ug/L	0.00
7) Chloroethane-d5	2.88	69	424700	87.97	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	1197484	101.12	ug/L	0.00
20) 2-Butanone-d5	7.07	46	363695	174.94	ug/L	0.00
24) Chloroform-d	7.65	84	1085587	95.44	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	558662	90.90	ug/L	0.00
29) Benzene-d6	8.27	84	2373291	97.39	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	703405	96.86	ug/L	0.00
37) Toluene-d8	10.32	98	2242258	97.71	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	329108	100.86	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	298799	188.05	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	561023	90.99	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	785906	99.27	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	293659	93.017	ug/L	94
3) Chloromethane	2.21	50	418345	98.896	ug/L	99
5) Vinyl chloride	2.36	62	675703	115.500	ug/L	99
6) Bromomethane	2.77	94	410527	110.372	ug/L	100
8) Chloroethane	2.92	64	388432	109.449	ug/L	99
9) Trichlorofluoromethane	3.26	101	376870	103.938	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	631475	110.205	ug/L	100
12) 1,1-Dichloroethene	4.04	96	655701	112.756	ug/L	98
13) Acetone	4.12	43	319853	184.845	ug/L	99
14) Carbon disulfide	4.38	76	1979885	119.938	ug/L	99
15) Methyl Acetate	4.67	43	329440	98.666	ug/L	98
16) Methylene chloride	4.92	84	646577	85.792	ug/L	98
17) Methyl tert-butyl Ether	5.42	73	1030027	102.406	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	695730	111.888	ug/L	99
19) 1,1-Dichloroethane	6.21	63	1173169	107.566	ug/L	99
21) 2-Butanone	7.17	43	460397	184.725	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	745029	109.965	ug/L	99
23) Bromochloromethane	7.51	128	334750	109.797	ug/L	99
25) Chloroform	7.67	83	1138652	106.236	ug/L	99
27) 1,2-Dichloroethane	8.40	62	729592	103.941	ug/L	100
30) Cyclohexane	7.95	56	1186416	110.067	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	911934	105.865	ug/L	99
32) Carbon tetrachloride	8.07	117	888712	108.201	ug/L	98
34) Benzene	8.32	78	2702215	107.395	ug/L	100
35) Trichloroethene	9.09	95	711942	107.703	ug/L	99
36) Methylcyclohexane	9.34	83	1276251	108.382	ug/L	100
40) 1,2-Dichloropropane	9.37	63	663695	107.215	ug/L	100
41) Bromodichloromethane	9.64	83	853819	112.414	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	1126969	113.972	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	927672	195.753	ug/L	99

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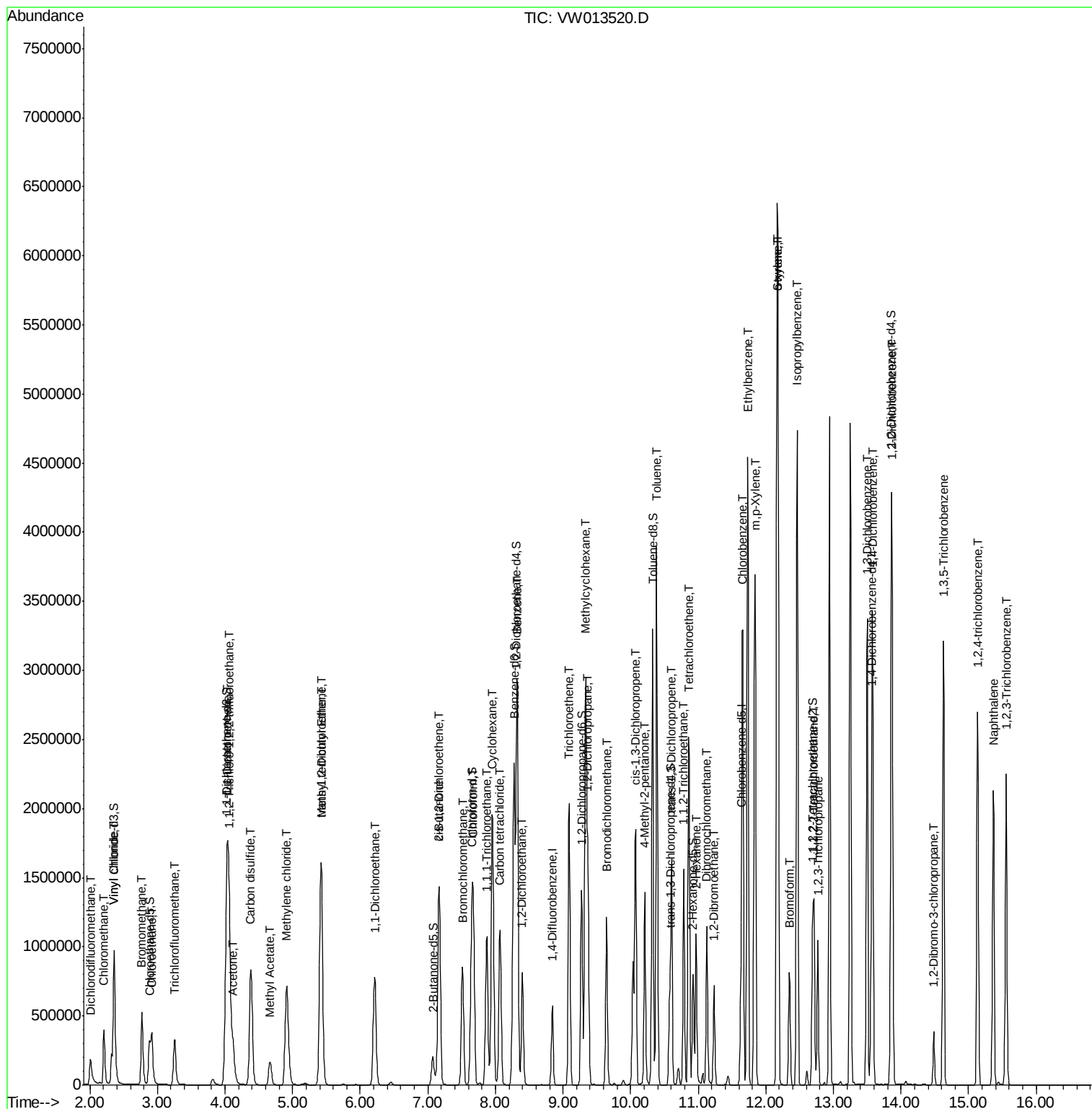
Quant Time: Oct 10 14:10:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 10 14:04:30 2019
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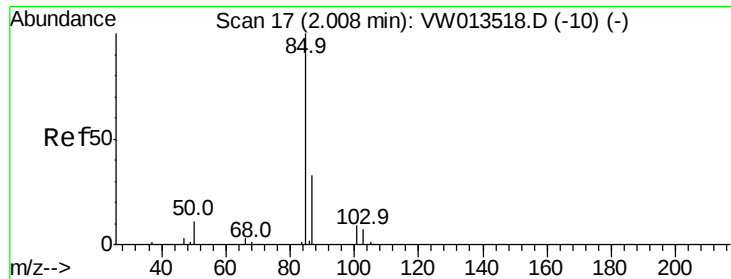
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	2965810	108.264	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	902144	113.505	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	518761	106.954	ug/L	99
47) Tetrachloroethene	10.86	164	646852	108.752	ug/L	97
49) 2-Hexanone	10.97	43	682888	200.468	ug/L	99
50) Dibromochloromethane	11.13	129	637315	114.555	ug/L	100
51) 1,2-Dibromoethane	11.23	107	510581	107.148	ug/L	99
52) Chlorobenzene	11.66	112	1895110	109.789	ug/L	99
53) Ethylbenzene	11.73	91	3275137	107.854	ug/L	96
54) m,p-Xylene	11.84	106	1284589	110.173	ug/L	97
55) o-xylene	12.16	106	1211907	110.146	ug/L	98
56) Styrene	12.18	104	2084179	110.476	ug/L	97
57) Isopropylbenzene	12.46	105	3191126	107.259	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	605002	101.249	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	443453	99.452	ug/L	100
62) Bromoform	12.35	173	394167	112.426	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	1505056	110.366	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	1473336	106.926	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	1334225	107.531	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	97674	99.954	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	1115016	106.194	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	974405	116.257	ug/L	99
69) Naphthalene	15.36	128	1889454	117.999	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	853733	111.995	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 93.017 ug/L

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW013520.D

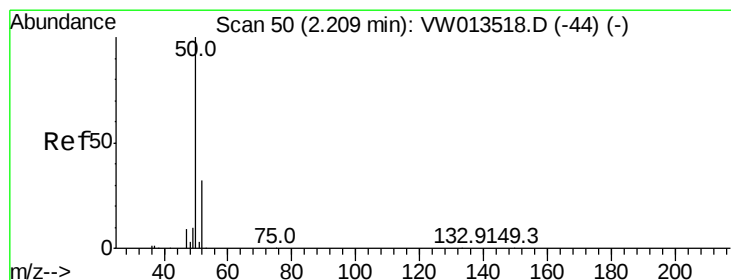
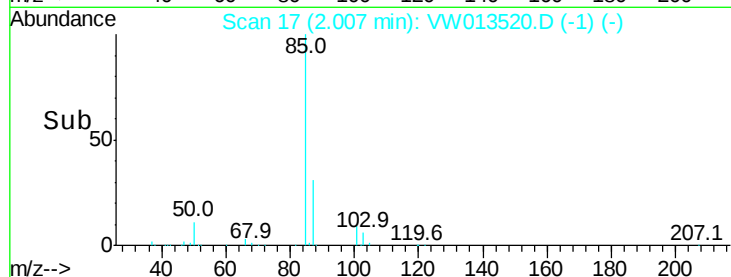
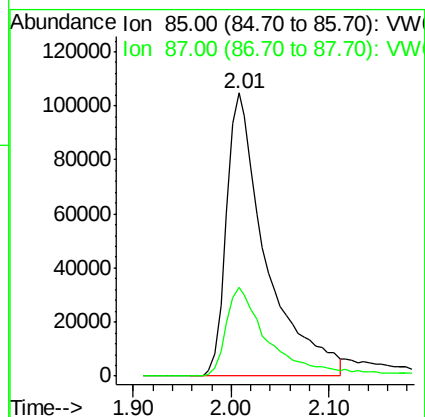
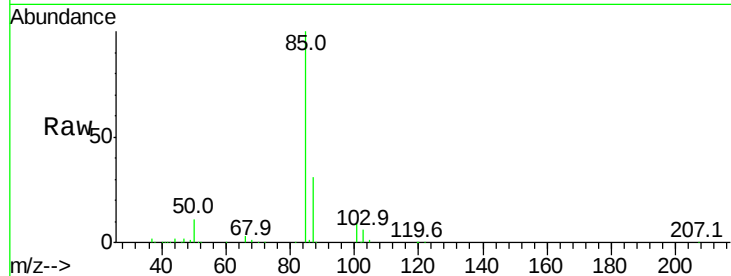
Acq: 10 Oct 2019 12:57

Tgt Ion: 85 Resp: 293659

Ion Ratio Lower Upper

85 100

87 32.5 20.4 38.0



#3

Chloromethane

Concen: 98.896 ug/L

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW013520.D

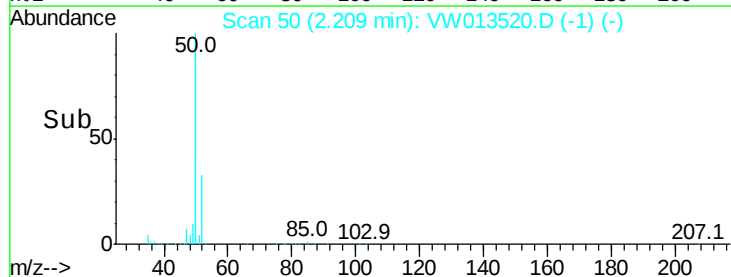
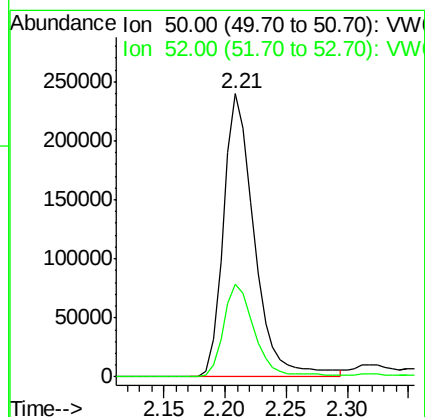
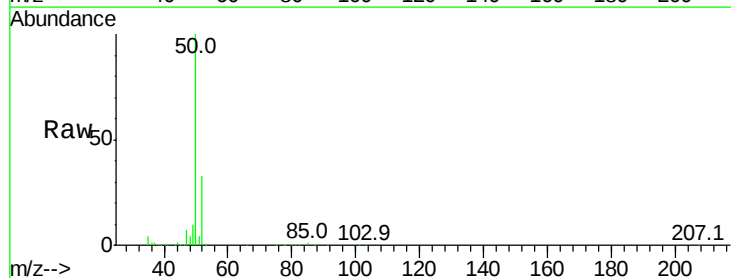
Acq: 10 Oct 2019 12:57

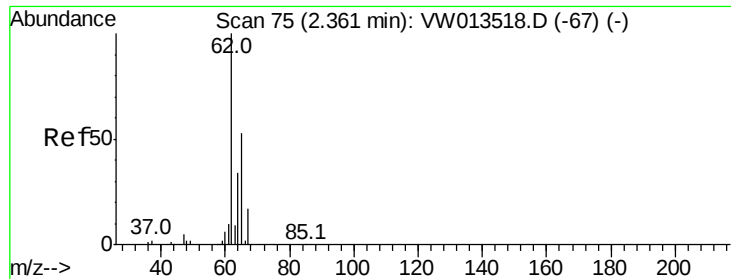
Tgt Ion: 50 Resp: 418345

Ion Ratio Lower Upper

50 100

52 32.9 22.6 42.0





#5

Vinyl chloride

Concen: 115.500 ug/L

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW013520.D

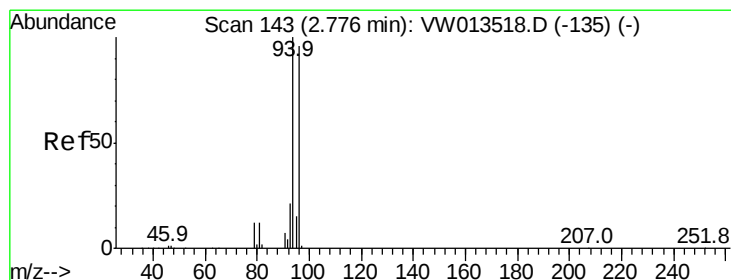
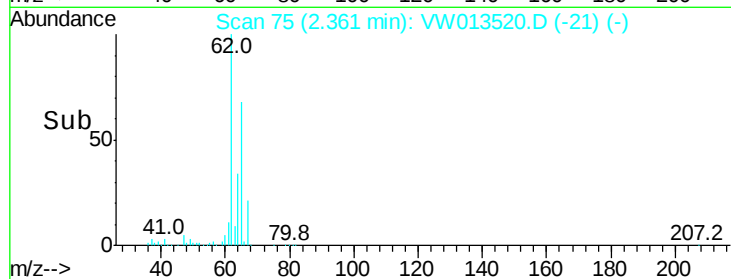
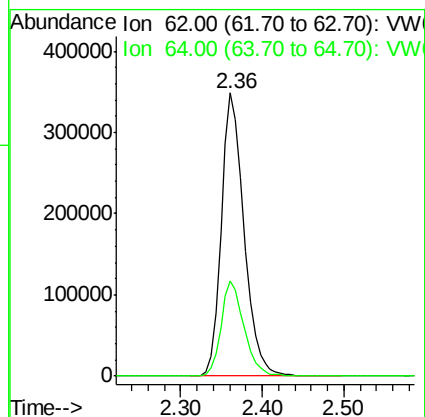
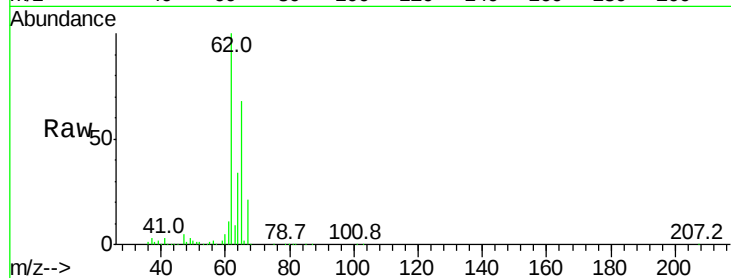
Acq: 10 Oct 2019 12:57

Tgt Ion: 62 Resp: 675703

Ion Ratio Lower Upper

62 100

64 33.7 23.9 44.3



#6

Bromomethane

Concen: 110.372 ug/L

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW013520.D

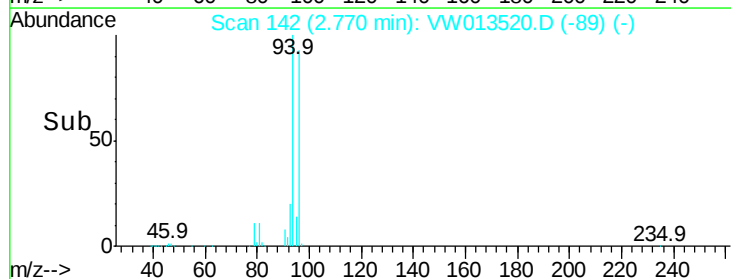
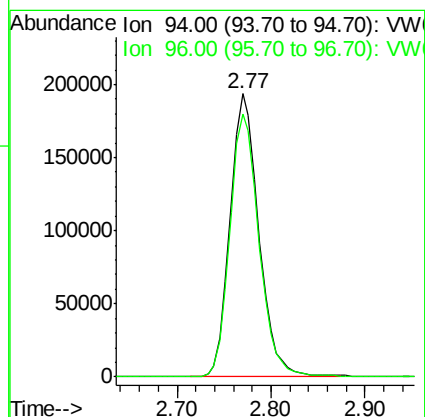
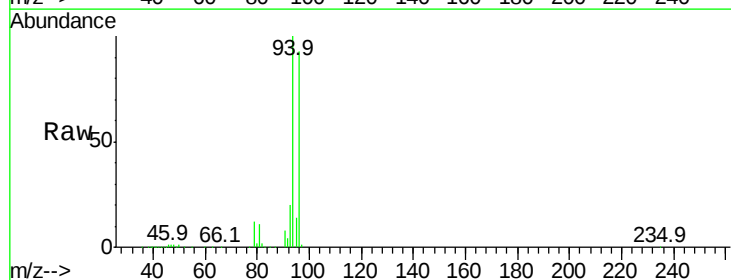
Acq: 10 Oct 2019 12:57

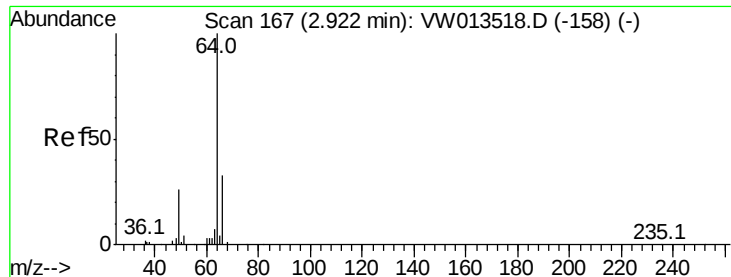
Tgt Ion: 94 Resp: 410527

Ion Ratio Lower Upper

94 100

96 94.6 9.5 179.9





#8

Chloroethane

Concen: 109.449 ug/L

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW013520.D

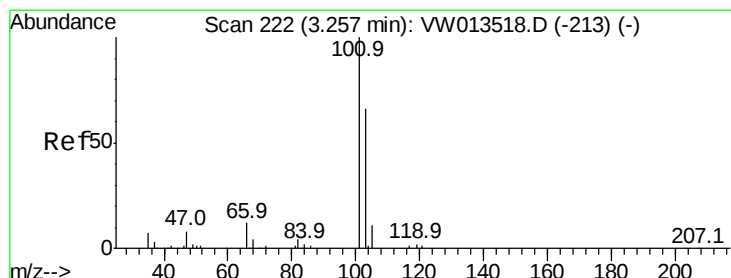
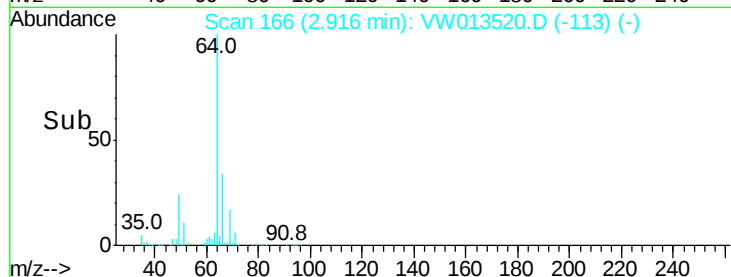
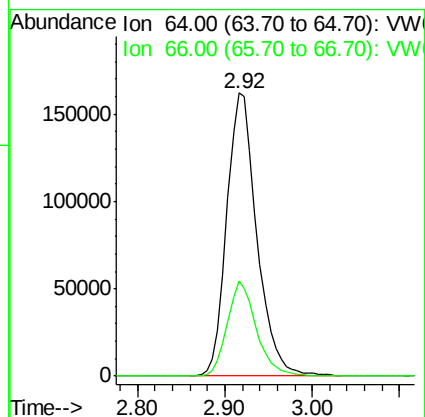
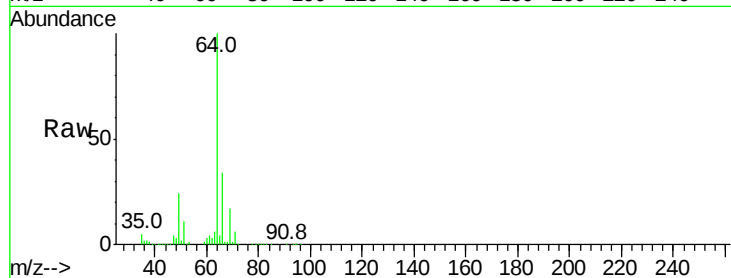
Acq: 10 Oct 2019 12:57

Tgt Ion: 64 Resp: 388432

Ion Ratio Lower Upper

64 100

66 33.6 23.2 43.0



#9

Trichlorofluoromethane

Concen: 103.938 ug/L

RT: 3.26 min Scan# 222

Delta R.T. -0.00 min

Lab File: VW013520.D

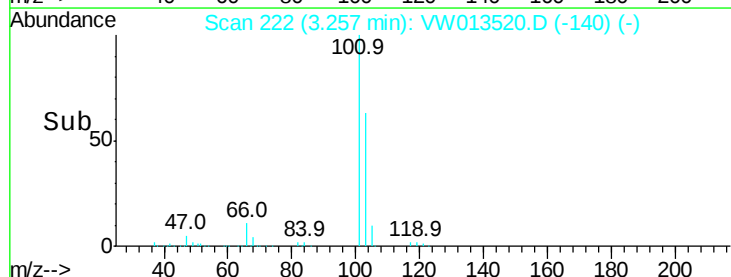
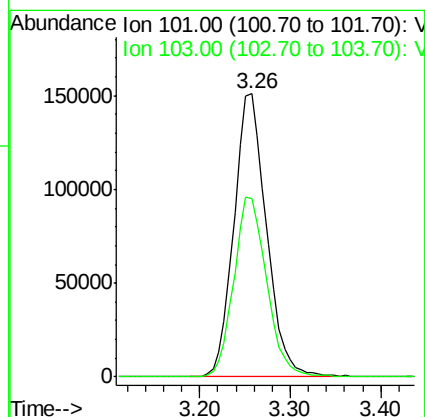
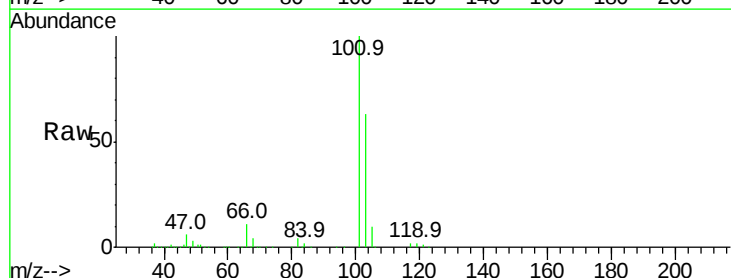
Acq: 10 Oct 2019 12:57

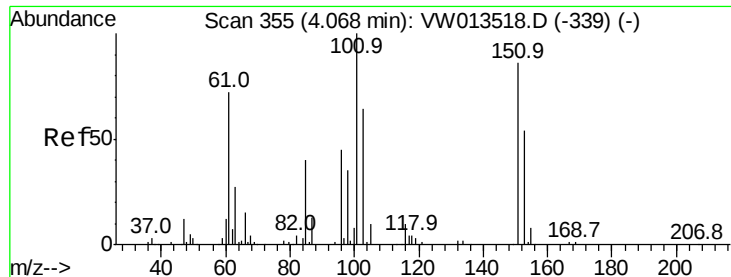
Tgt Ion: 101 Resp: 376870

Ion Ratio Lower Upper

101 100

103 63.8 46.0 85.4





#11

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

Concen: 110.205 ug/L

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW013520.D

Acq: 10 Oct 2019 12:57

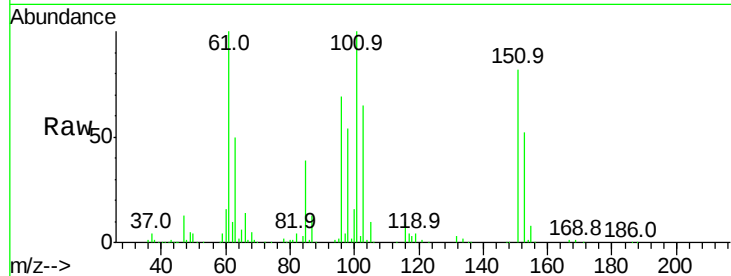
Tgt Ion: 101 Resp: 631475

Ion Ratio Lower Upper

101 100

85 40.1 32.0 48.0

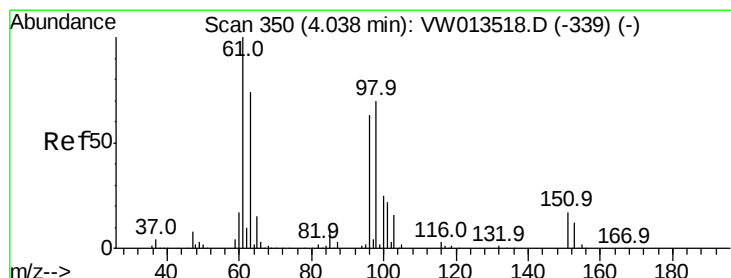
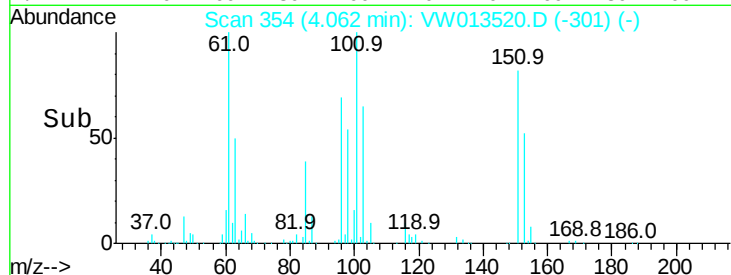
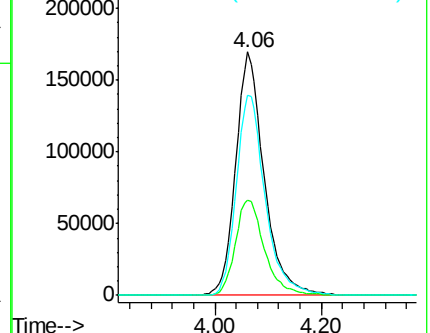
151 83.5 67.0 100.6



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: 112.756 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW013520.D

Acq: 10 Oct 2019 12:57

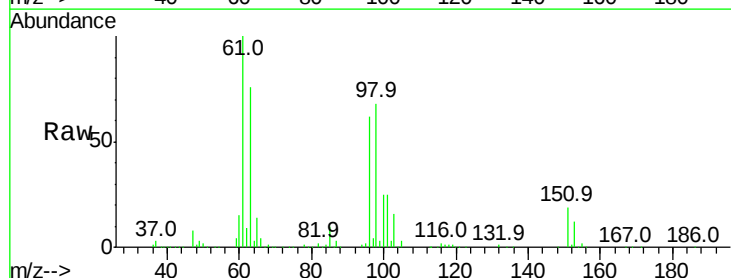
Tgt Ion: 96 Resp: 655701

Ion Ratio Lower Upper

96 100

61 161.7 111.0 206.2

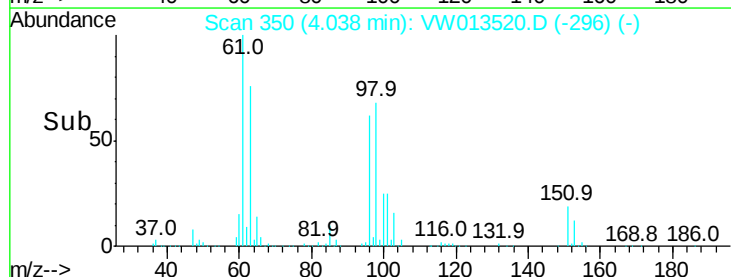
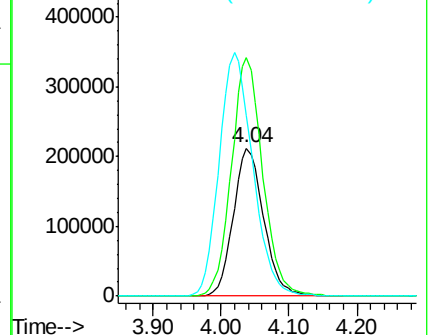
63 122.3 86.3 160.3

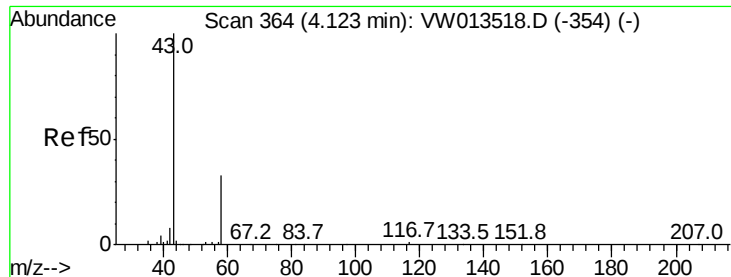


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 184.845 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW013520.D

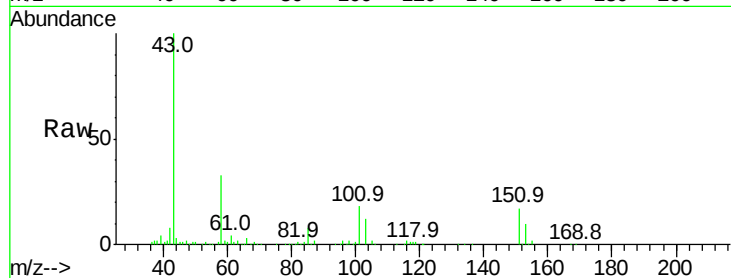
Acq: 10 Oct 2019 12:57

Tgt Ion: 43 Resp: 319853

Ion Ratio Lower Upper

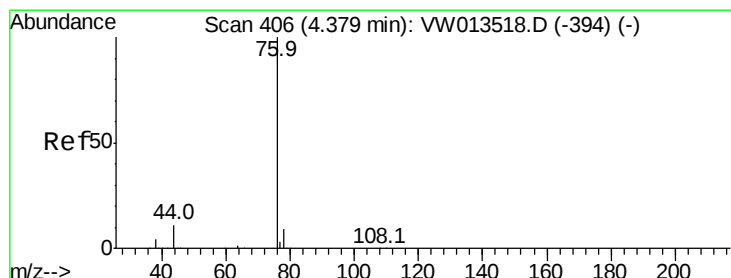
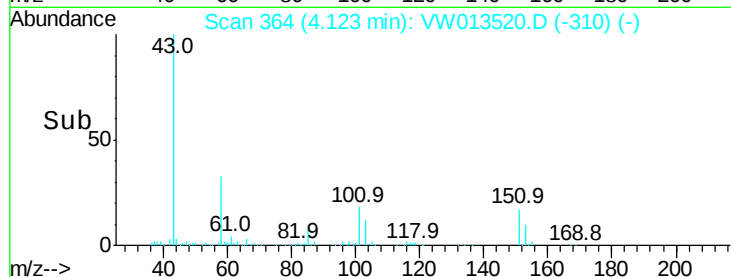
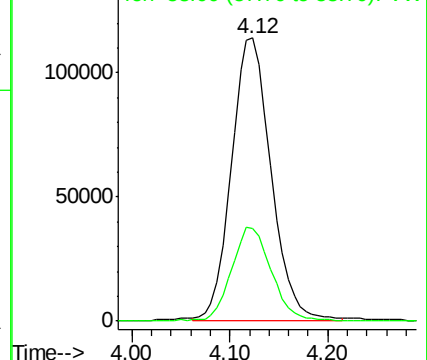
43 100

58 33.3 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: 119.938 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW013520.D

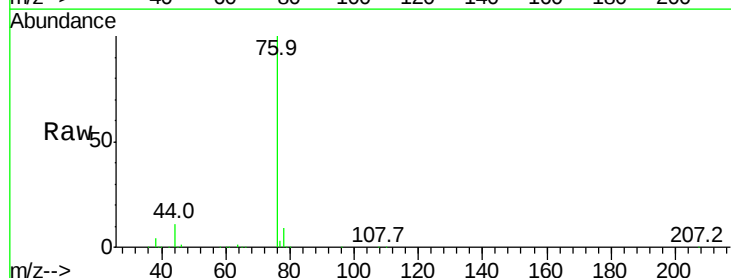
Acq: 10 Oct 2019 12:57

Tgt Ion: 76 Resp: 1979885

Ion Ratio Lower Upper

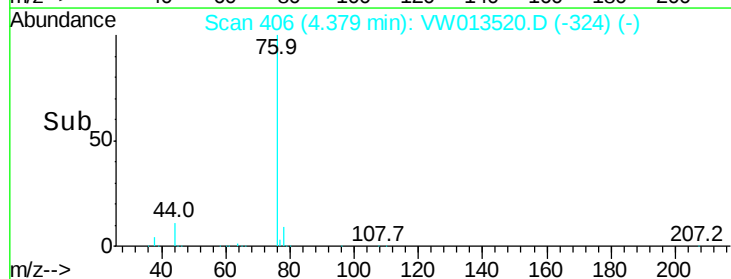
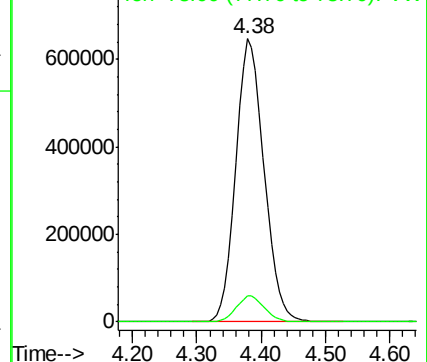
76 100

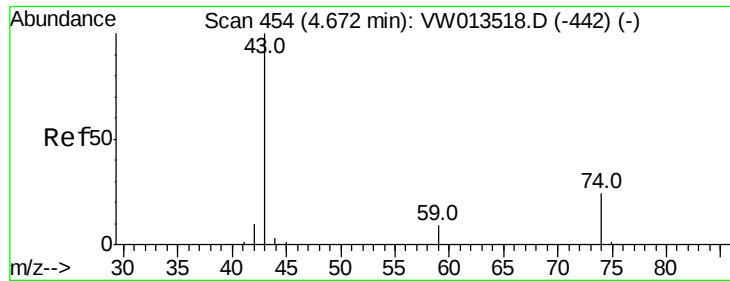
78 9.1 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VW

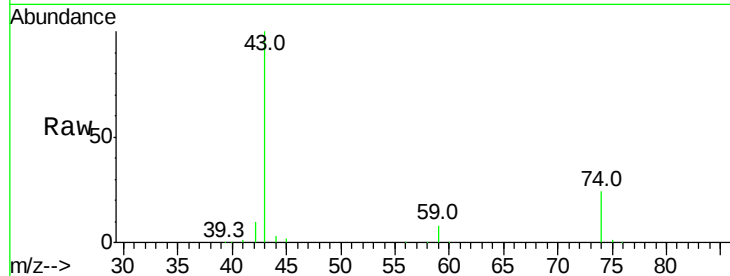
Ion 78.00 (77.70 to 78.70): VW



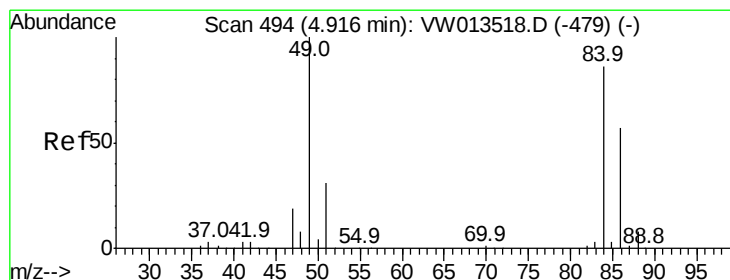
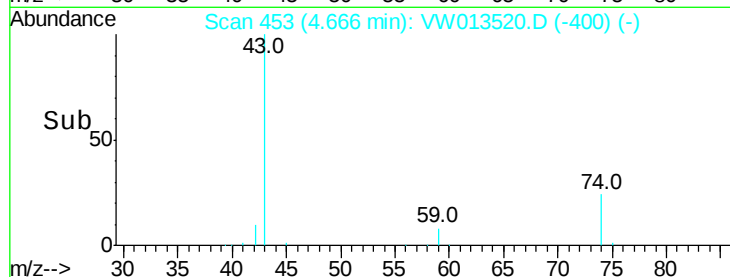
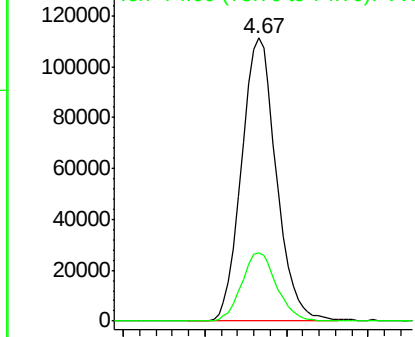


#15
Methyl Acetate
Concen: 98.666 ug/L
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW013520.D
Acq: 10 Oct 2019 12:57

Tgt Ion: 43 Resp: 329440
Ion Ratio Lower Upper
43 100
74 24.4 18.7 28.1

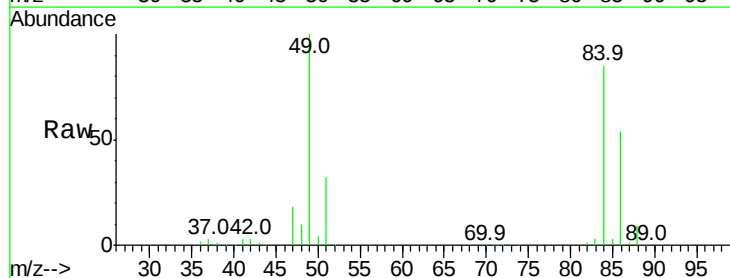


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 74.00 (73.70 to 74.70): VW

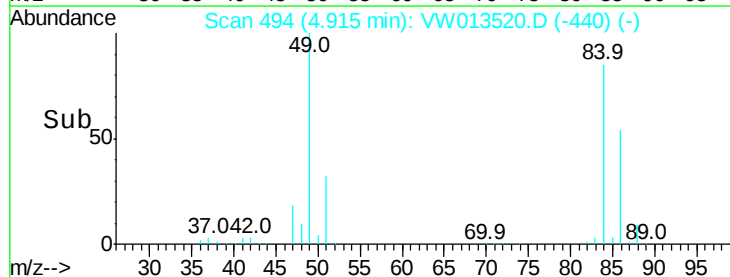
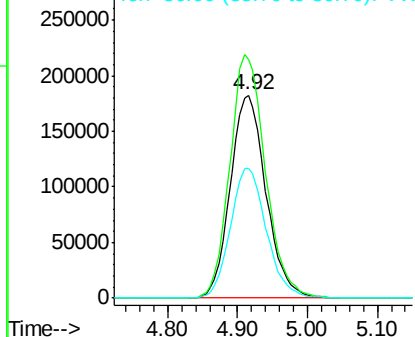


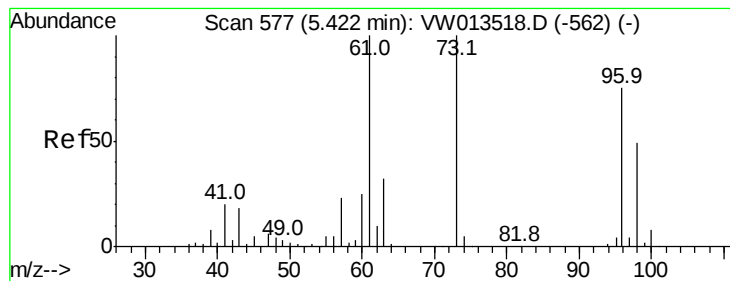
#16
Methylene chloride
Concen: 85.792 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW013520.D
Acq: 10 Oct 2019 12:57

Tgt Ion: 84 Resp: 646577
Ion Ratio Lower Upper
84 100
49 117.6 81.3 151.1
86 63.8 46.3 86.1



Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW





#17

Methyl tert-butyl Ether

Concen: 102.406 ug/L

RT: 5.42 min Scan# 577

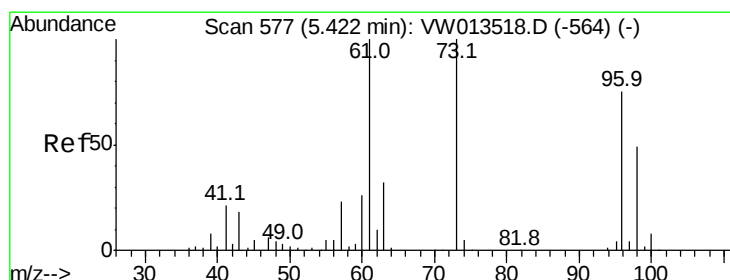
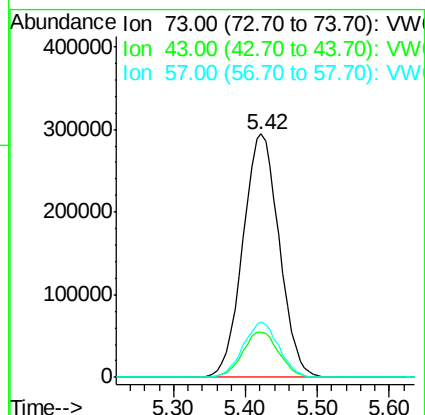
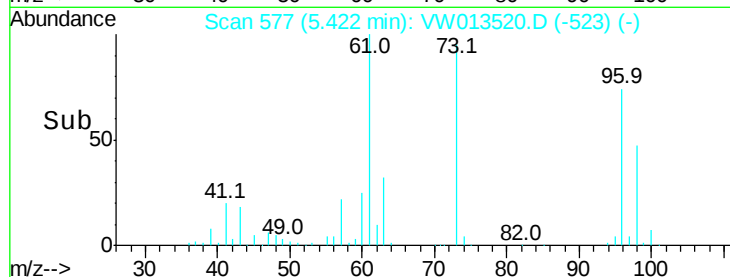
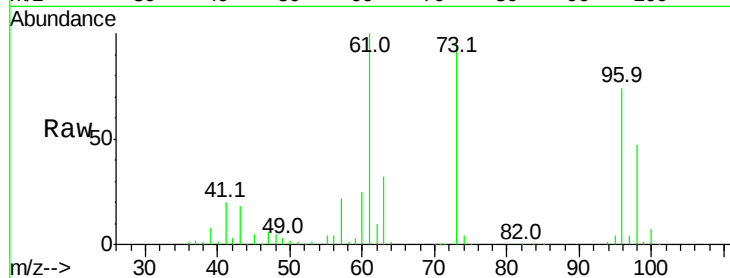
Delta R.T. -0.00 min

Lab File: VW013520.D

Acq: 10 Oct 2019 12:57

Tgt Ion: 73 Resp: 1030027

Ion	Ratio	Lower	Upper
73	100		
43	18.7	15.0	22.4
57	22.4	18.1	27.1



#18

trans-1,2-Dichloroethene

Concen: 111.888 ug/L

RT: 5.42 min Scan# 577

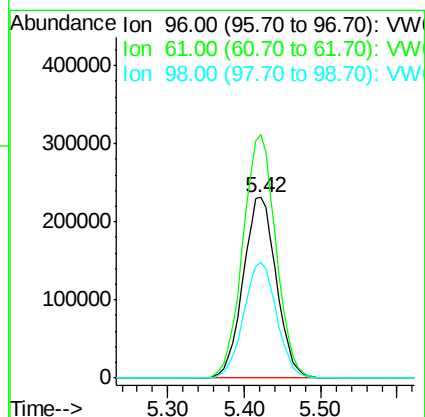
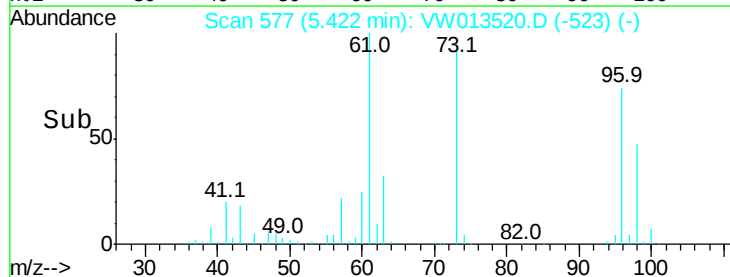
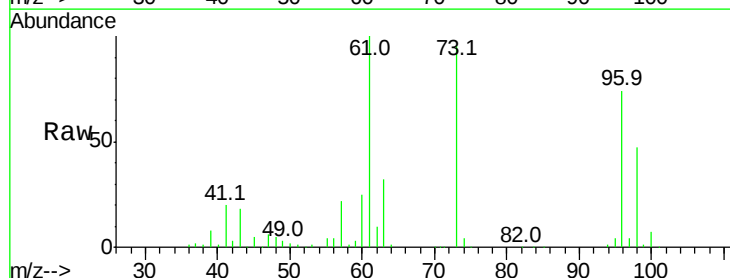
Delta R.T. -0.00 min

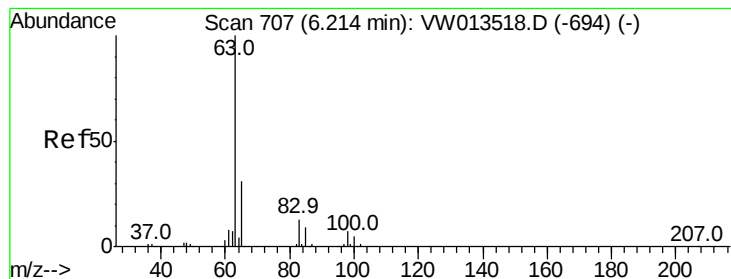
Lab File: VW013520.D

Acq: 10 Oct 2019 12:57

Tgt Ion: 96 Resp: 695730

Ion	Ratio	Lower	Upper
96	100		
61	134.7	93.7	173.9
98	63.8	46.1	85.7





#19

1,1-Dichloroethane

Concen: 107.566 ug/L

RT: 6.21 min Scan# 707

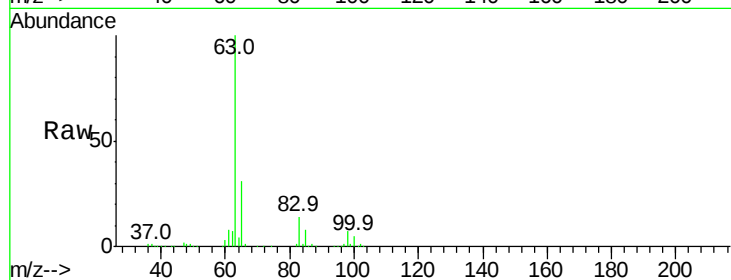
Delta R.T. -0.00 min

Lab File: VW013520.D

Acq: 10 Oct 2019 12:57

Tgt Ion: 63 Resp: 1173169

Ion	Ratio	Lower	Upper
63	100		
65	31.2	21.6	40.0
83	13.6	9.0	16.6

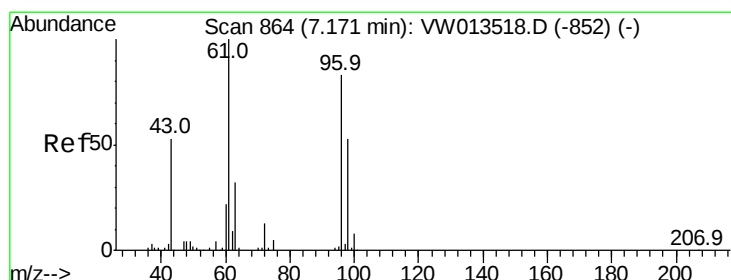
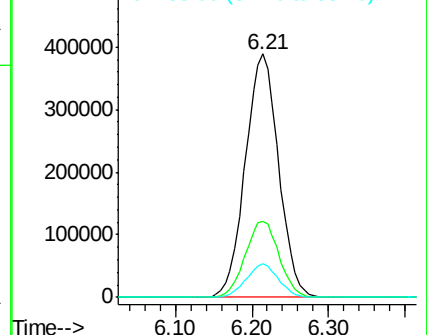
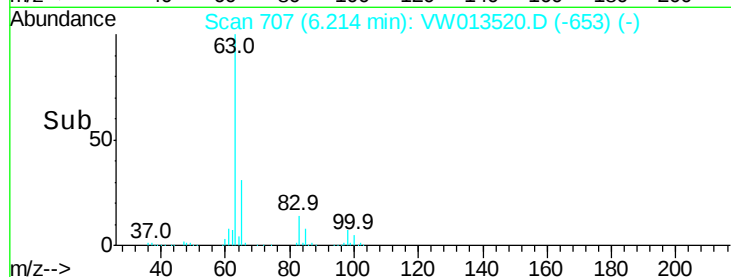


Abundance

Ion 63.00 (62.70 to 63.70): VW

Ion 65.00 (64.70 to 65.70): VW

Ion 83.00 (82.70 to 83.70): VW



#21

2-Butanone

Concen: 184.725 ug/L

RT: 7.17 min Scan# 863

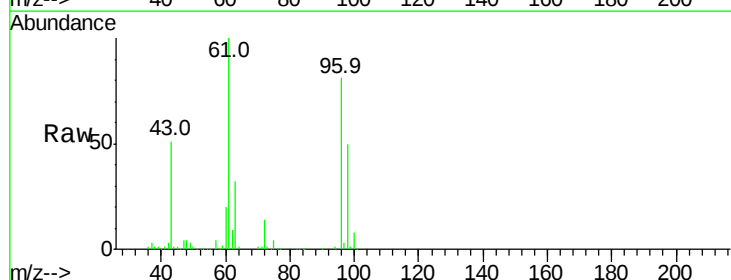
Delta R.T. -0.01 min

Lab File: VW013520.D

Acq: 10 Oct 2019 12:57

Tgt Ion: 43 Resp: 460397

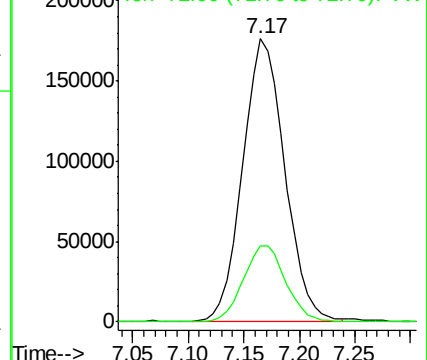
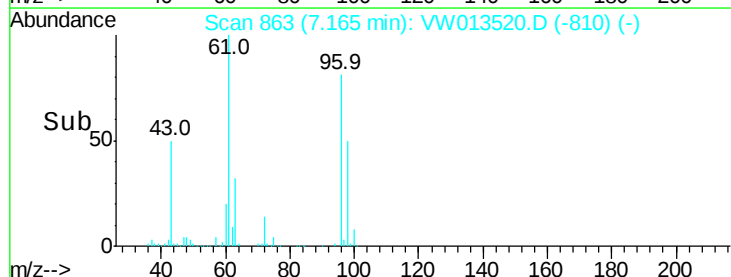
Ion	Ratio	Lower	Upper
43	100		
72	27.4	13.5	40.4

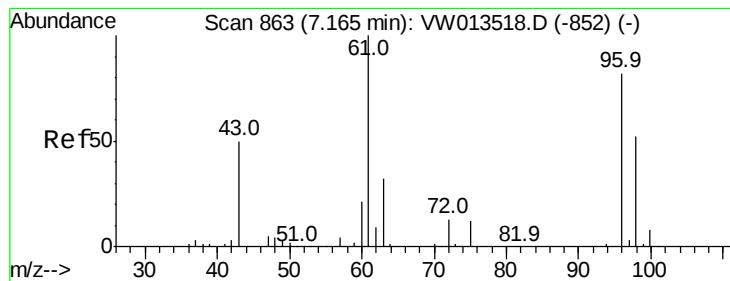


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

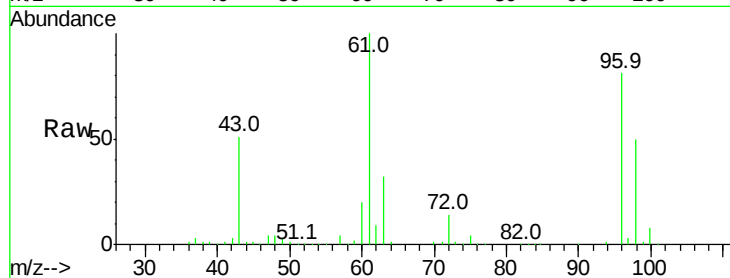




#22

cis-1,2-Dichloroethene
Concen: 109.965 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW013520.D
Acq: 10 Oct 2019 12:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	123.1	86.0	159.8
98	61.9	44.4	82.5

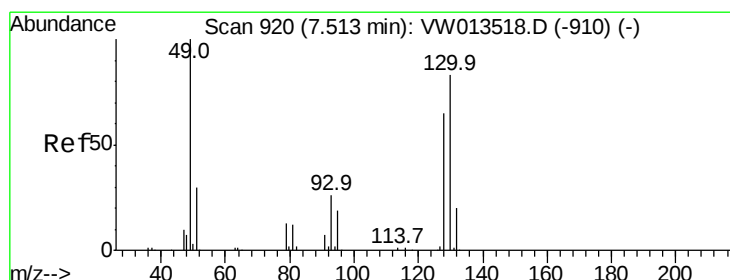
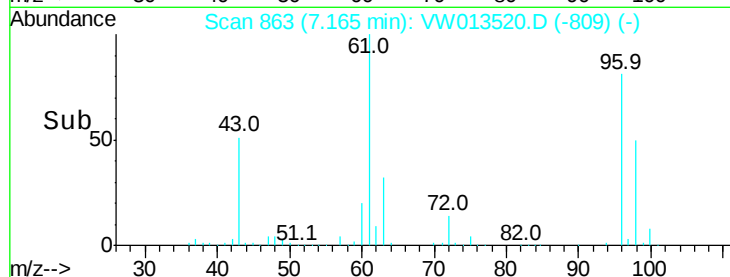
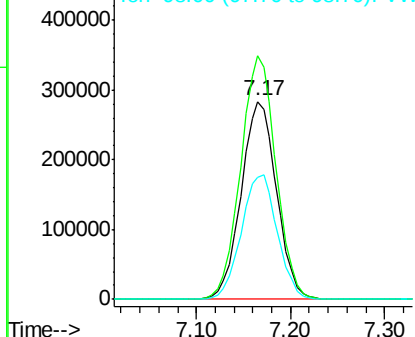


Abundance

Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

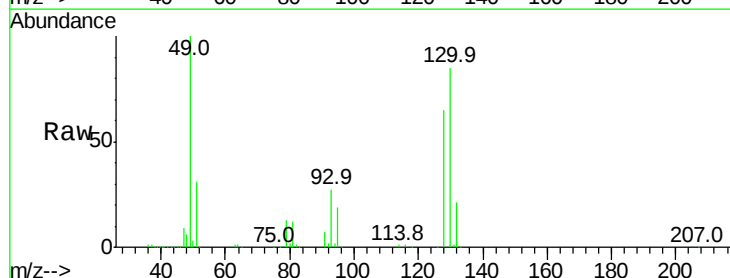
Ion 98.00 (97.70 to 98.70): VW



#23

Bromochloromethane
Concen: 109.797 ug/L
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW013520.D
Acq: 10 Oct 2019 12:57

Tgt Ion	Ratio	Lower	Upper
128	100		
49	153.4	108.0	200.6
130	130.8	89.4	166.0
51	47.1	37.4	56.2



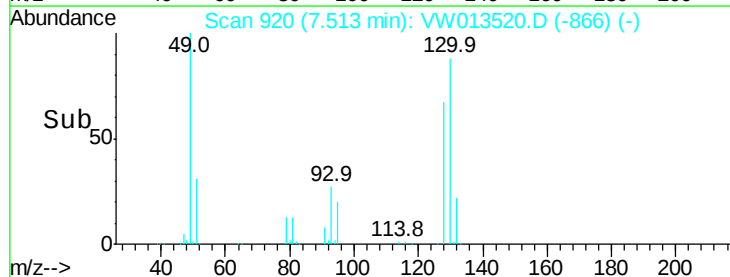
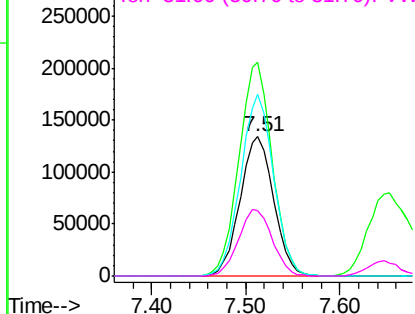
Abundance

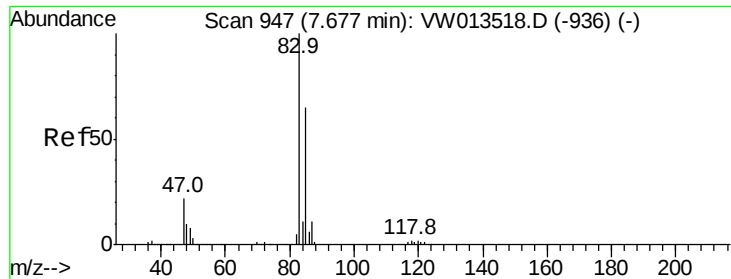
Ion 128.00 (127.70 to 128.70): V

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: 106.236 ug/L

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW013520.D

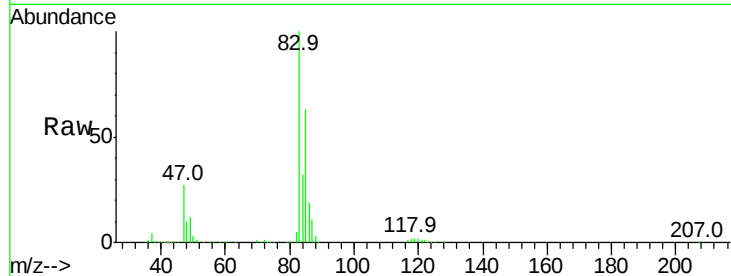
Acq: 10 Oct 2019 12:57

Tgt Ion: 83 Resp: 1138652

Ion Ratio Lower Upper

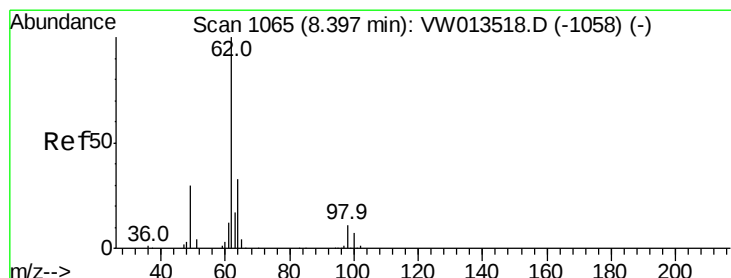
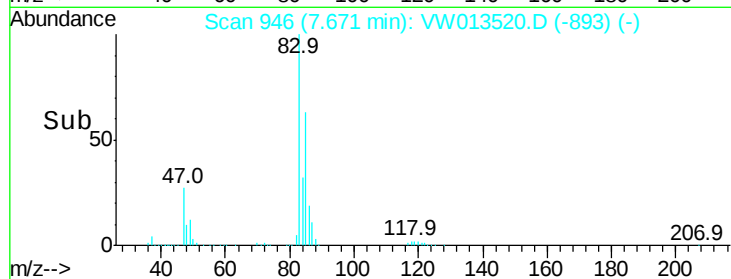
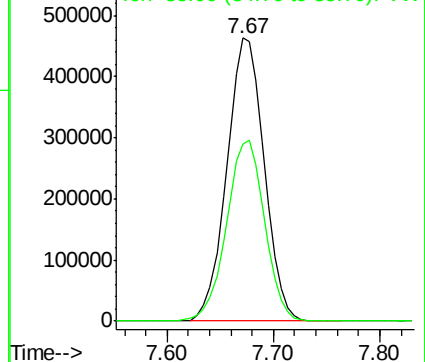
83 100

85 65.2 46.1 85.5



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW



#27

1,2-Dichloroethane

Concen: 103.941 ug/L

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW013520.D

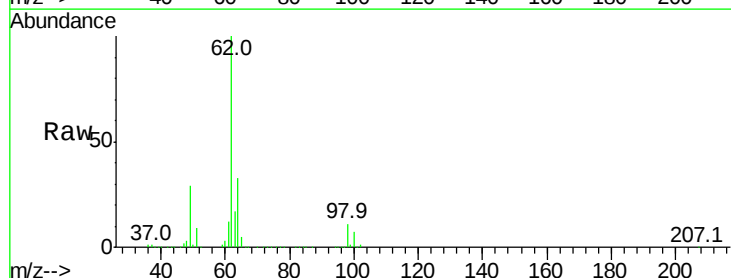
Acq: 10 Oct 2019 12:57

Tgt Ion: 62 Resp: 729592

Ion Ratio Lower Upper

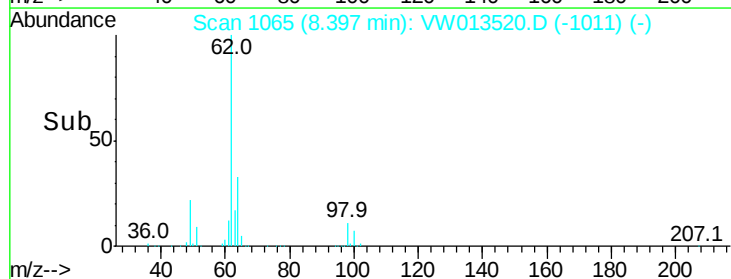
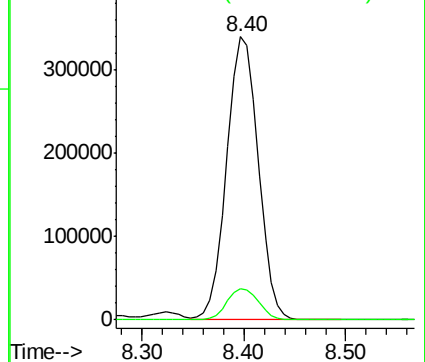
62 100

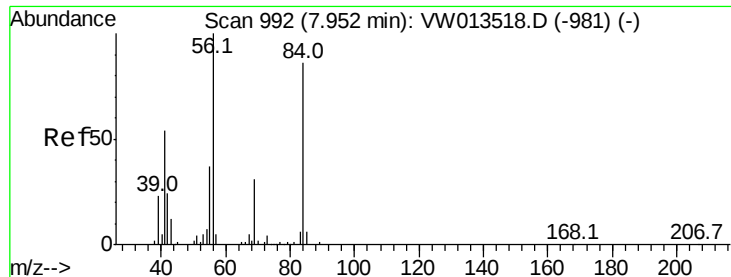
98 11.2 9.0 13.4



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW

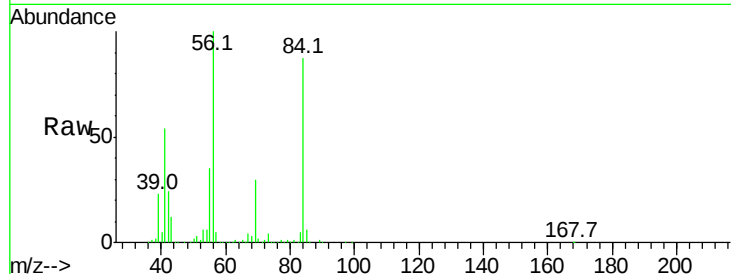




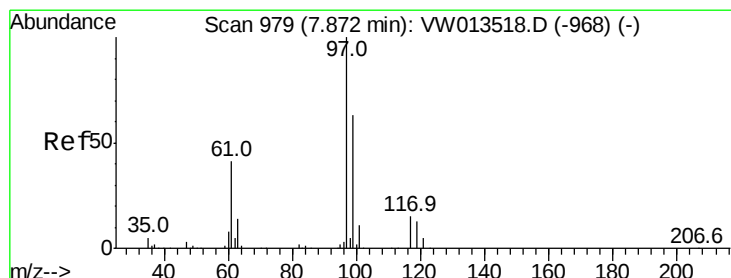
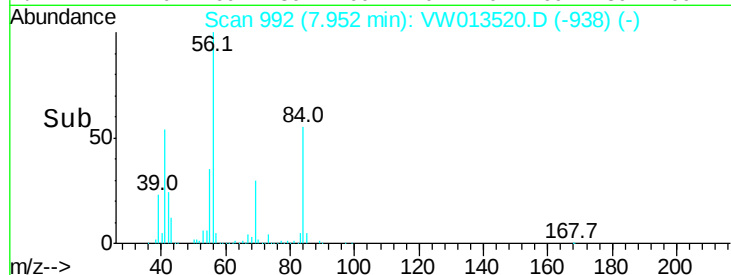
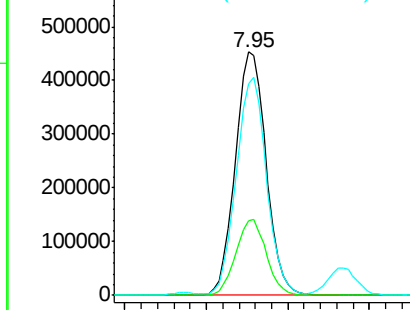
#30
Cyclohexane
Concen: 110.067 ug/L
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW013520.D
Acq: 10 Oct 2019 12:57

Tgt Ion: 56 Resp: 1186416

Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.7	37.1
84	88.2	70.4	105.6



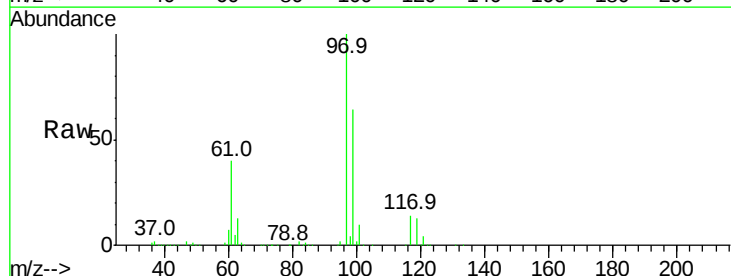
Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



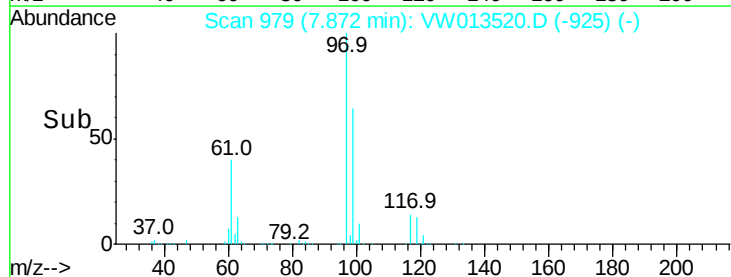
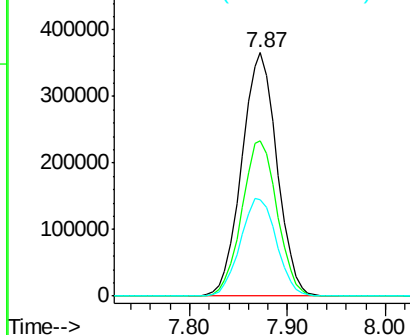
#31
1,1,1-Trichloroethane
Concen: 105.865 ug/L
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW013520.D
Acq: 10 Oct 2019 12:57

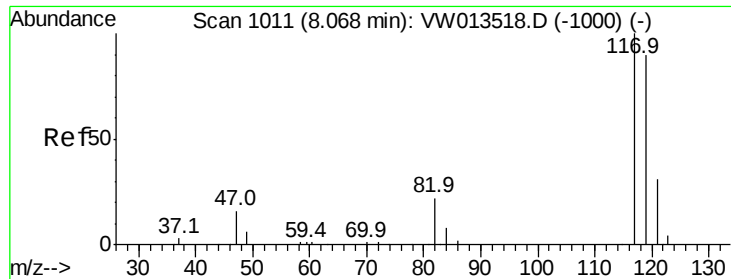
Tgt Ion: 97 Resp: 911934

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.8	77.8
61	41.3	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: 108.201 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW013520.D

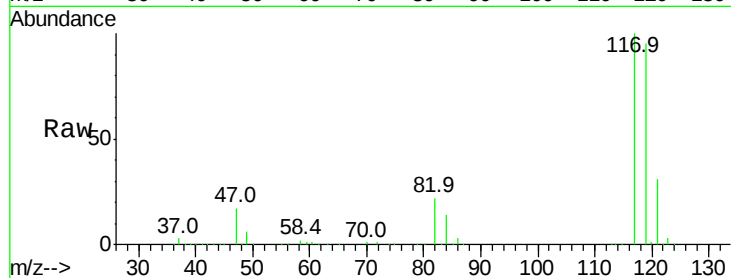
Acq: 10 Oct 2019 12:57

Tgt Ion: 117 Resp: 888712

Ion Ratio Lower Upper

117 100

119 96.6 76.1 114.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

8.07

400000

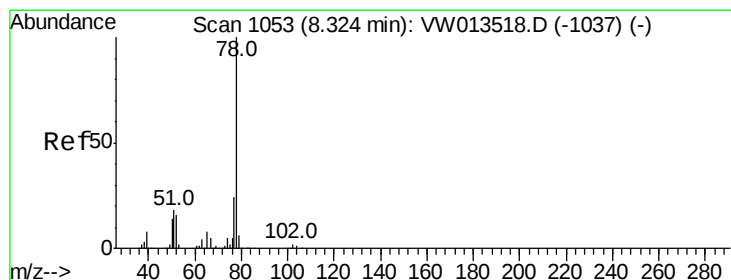
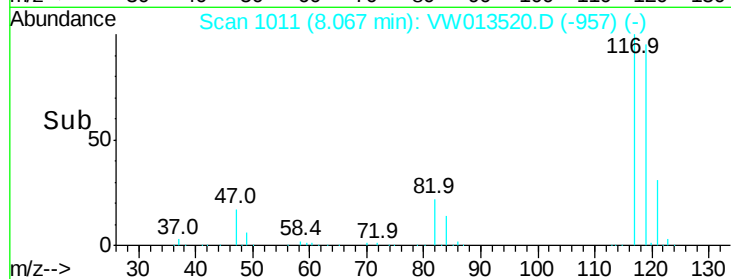
300000

200000

100000

0

Time-->



#34

Benzene

Concen: 107.395 ug/L

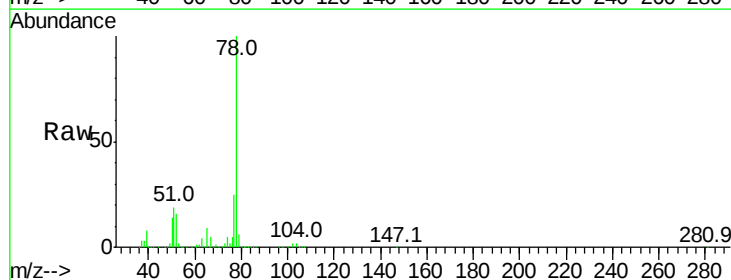
RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW013520.D

Acq: 10 Oct 2019 12:57

Tgt Ion: 78 Resp: 2702215



Abundance Ion 78.00 (77.70 to 78.70): VW

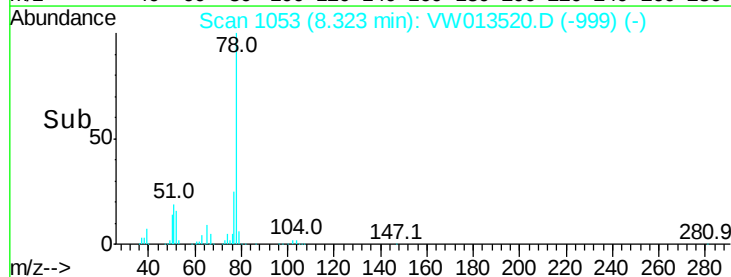
8.32

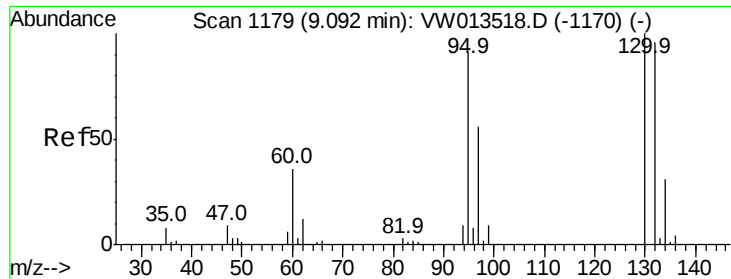
1000000

500000

0

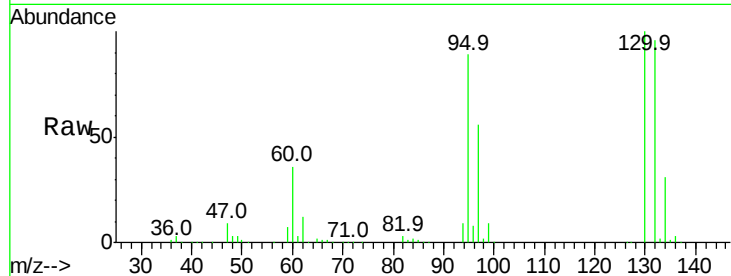
Time-->





#35
 Trichloroethene
 Concen: 107.703 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW013520.D
 Acq: 10 Oct 2019 12:57

Tgt Ion:	95	Resp:	711942
Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.1	83.7
132	105.8	73.6	136.8
130	110.3	76.3	141.7



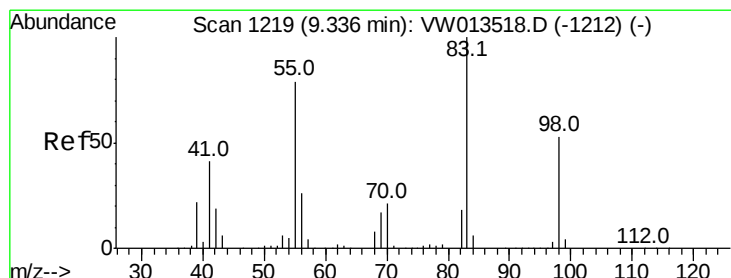
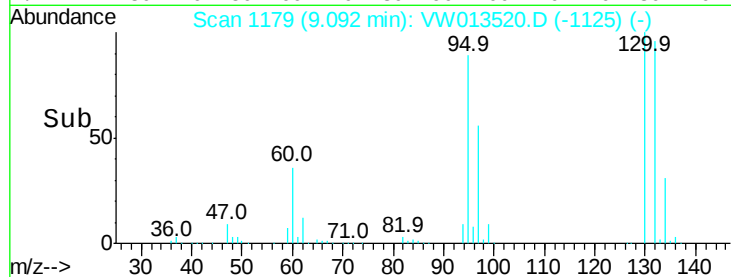
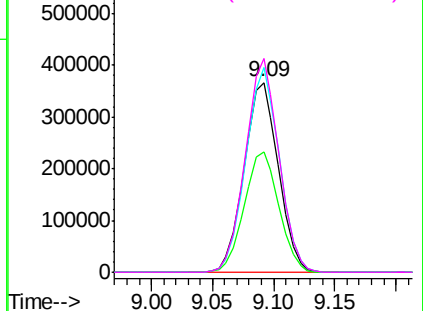
Abundance

Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

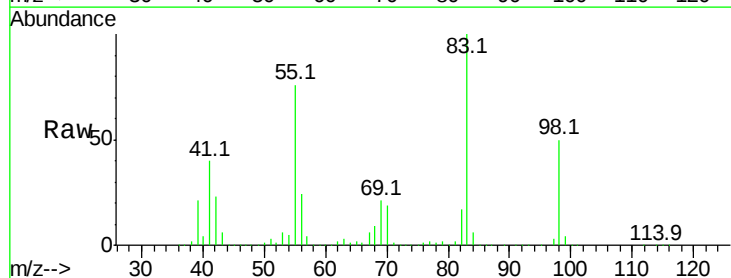
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36
 Methylcyclohexane
 Concen: 108.382 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: VW013520.D
 Acq: 10 Oct 2019 12:57

Tgt Ion:	83	Resp:	1276251
Ion	Ratio	Lower	Upper
83	100		
55	75.3	60.4	90.6
98	49.2	39.3	58.9

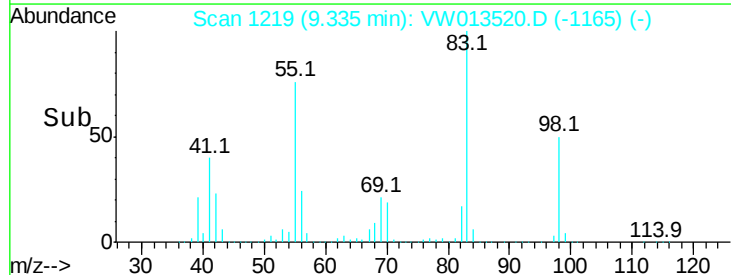
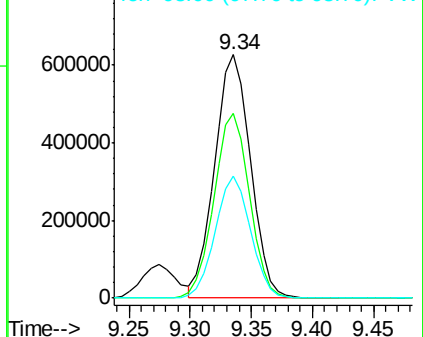


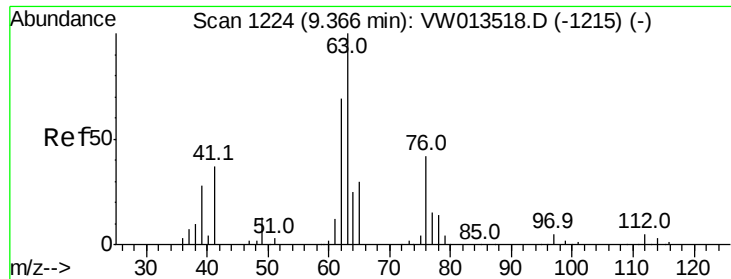
Abundance

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: 107.215 ug/L

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW013520.D

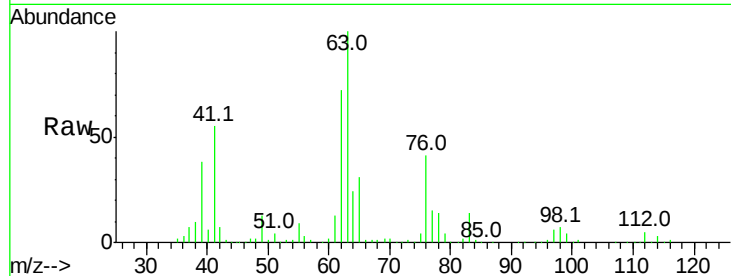
Acq: 10 Oct 2019 12:57

Tgt Ion: 63 Resp: 663695

Ion Ratio Lower Upper

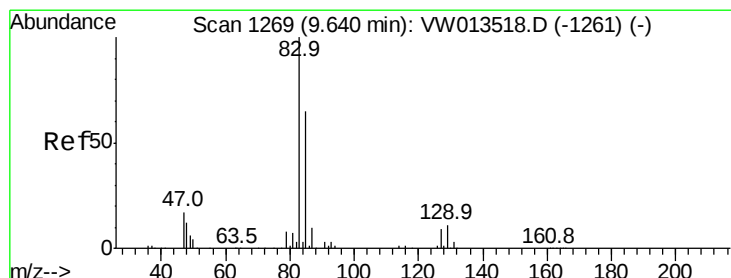
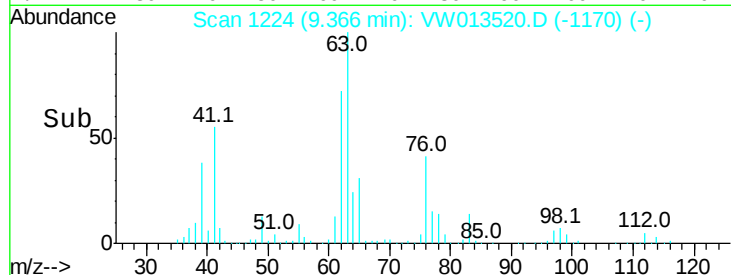
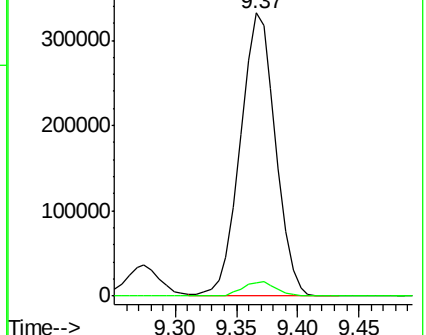
63 100

112 4.9 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: 112.414 ug/L

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW013520.D

Acq: 10 Oct 2019 12:57

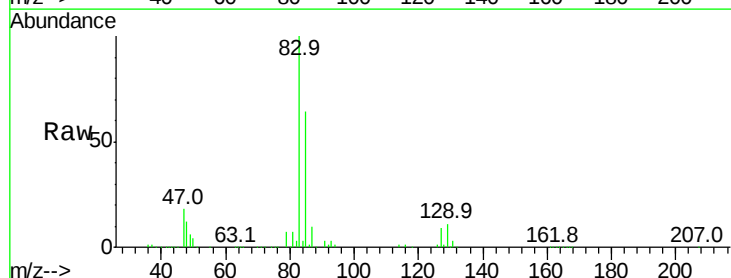
Tgt Ion: 83 Resp: 853819

Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.9

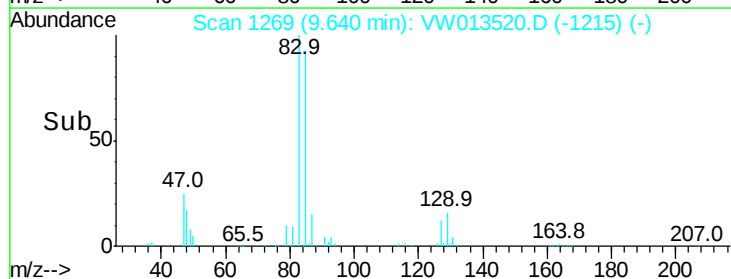
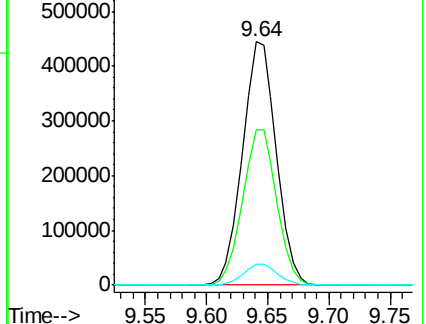
127 8.5 7.1 10.7

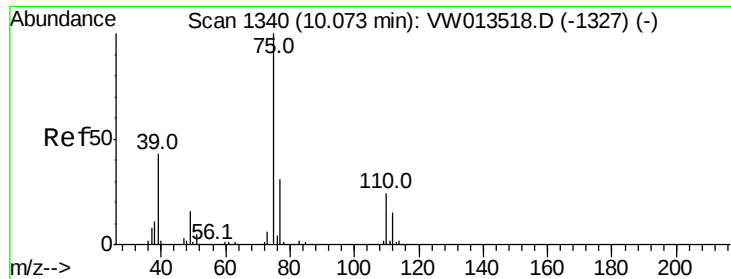


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): V

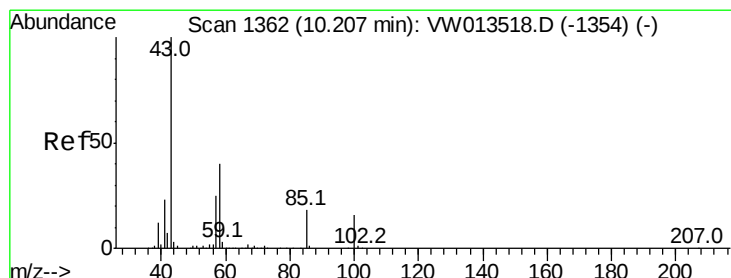
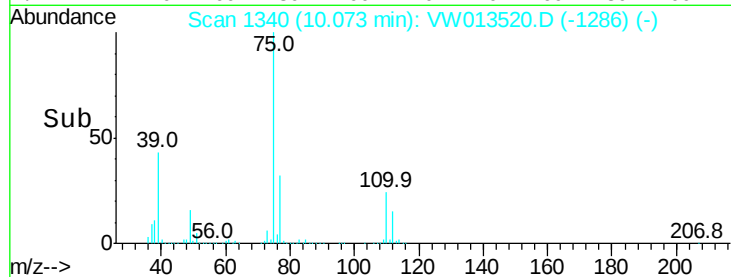
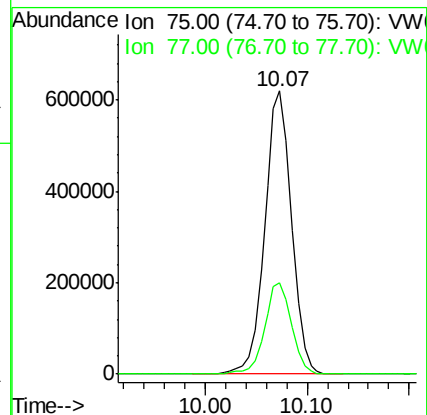
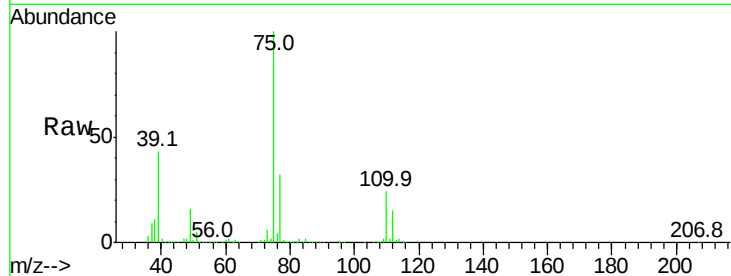




#42

cis-1,3-Dichloropropene
Concen: 113.972 ug/L
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW013520.D
Acq: 10 Oct 2019 12:57

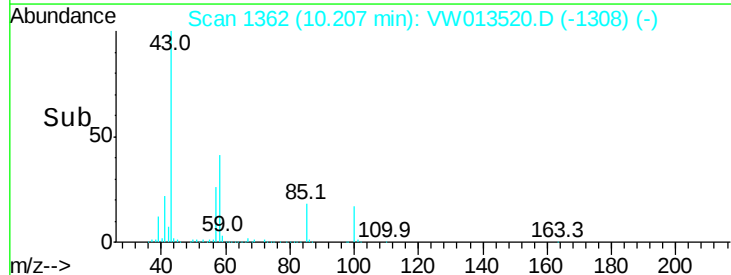
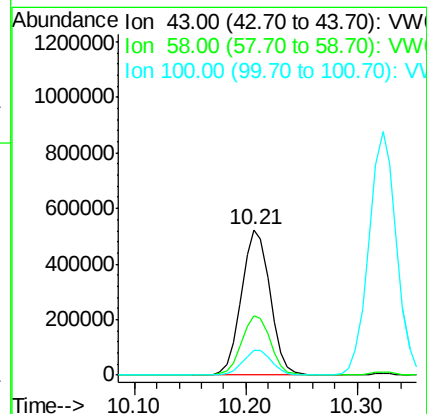
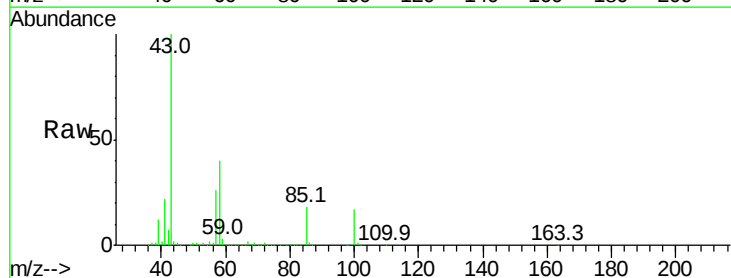
Tgt Ion: 75 Resp: 1126969
Ion Ratio Lower Upper
75 100
77 32.4 21.6 40.2

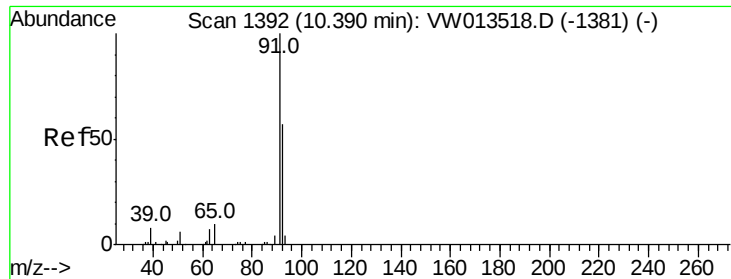


#43

4-Methyl-2-pentanone
Concen: 195.753 ug/L
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW013520.D
Acq: 10 Oct 2019 12:57

Tgt Ion: 43 Resp: 927672
Ion Ratio Lower Upper
43 100
58 40.9 32.0 48.0
100 17.2 13.7 20.5





#44

Toluene

Concen: 108.264 ug/L

RT: 10.38 min Scan# 1391

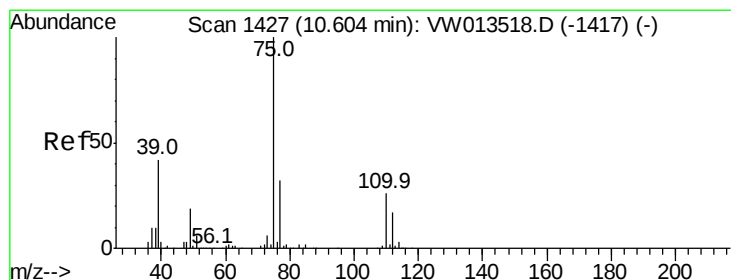
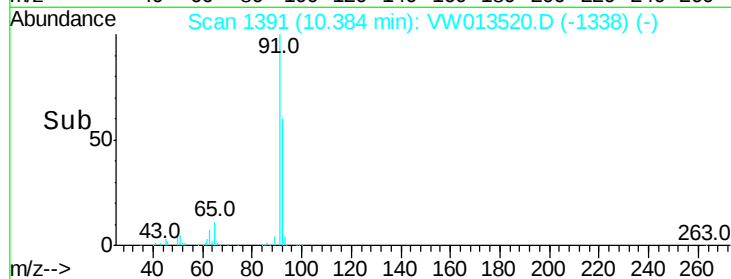
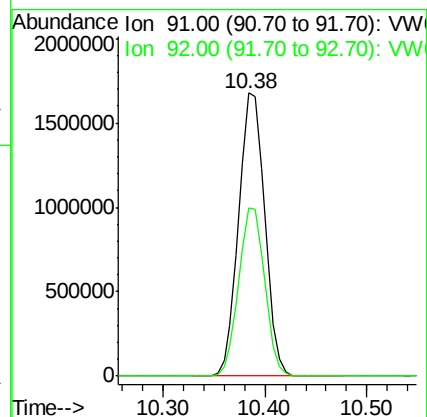
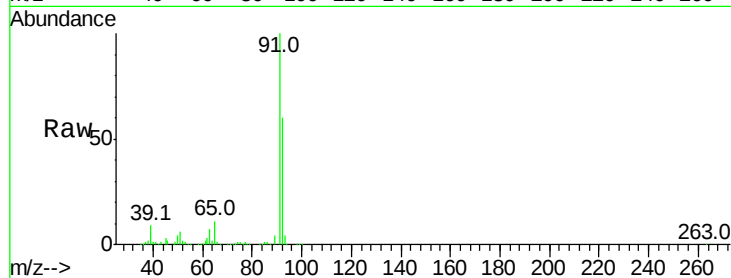
Delta R.T. -0.01 min

Lab File: VW013520.D

Acq: 10 Oct 2019 12:57

Tgt Ion: 91 Resp: 2965810

Ion	Ratio	Lower	Upper
91	100		
92	59.5	40.0	74.4



#45

trans-1,3-Dichloropropene

Concen: 113.505 ug/L

RT: 10.60 min Scan# 1427

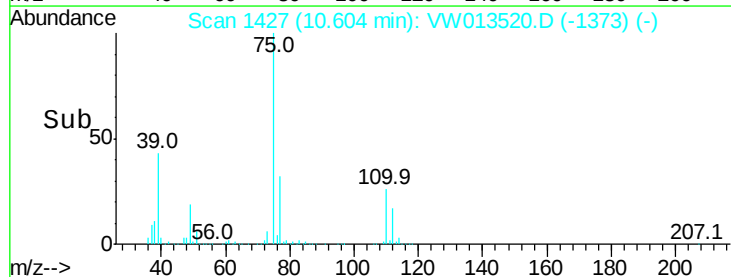
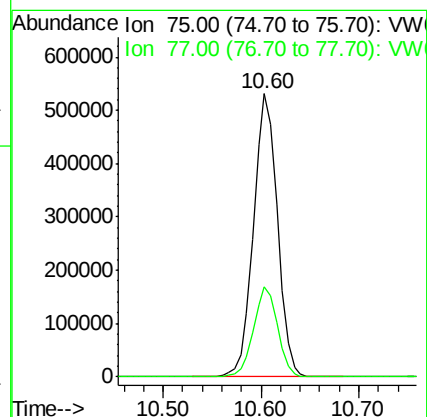
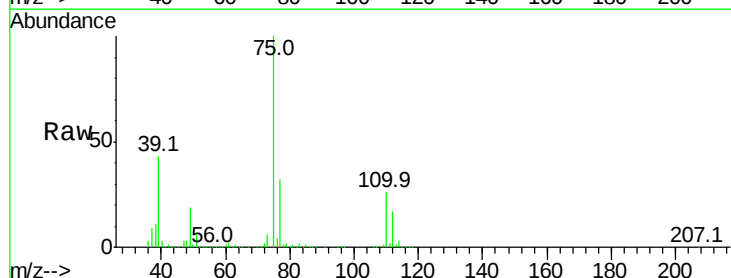
Delta R.T. -0.00 min

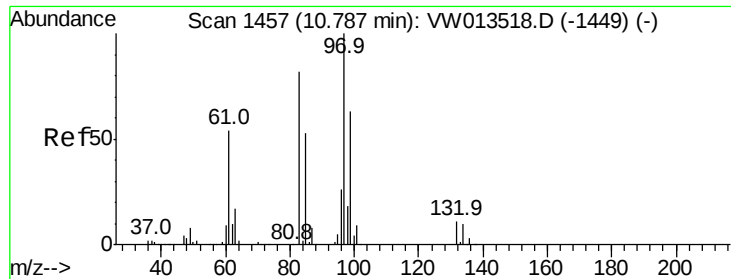
Lab File: VW013520.D

Acq: 10 Oct 2019 12:57

Tgt Ion: 75 Resp: 902144

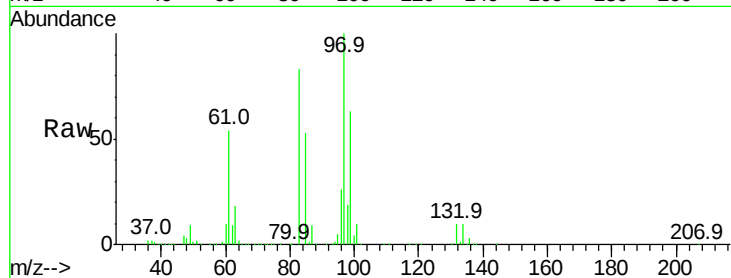
Ion	Ratio	Lower	Upper
75	100		
77	31.9	23.0	42.6



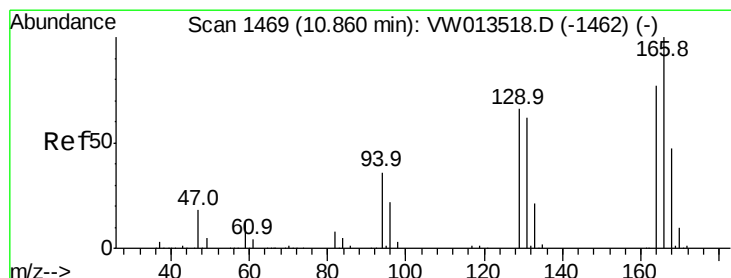
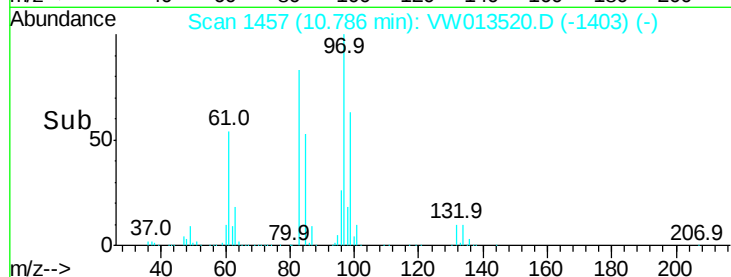
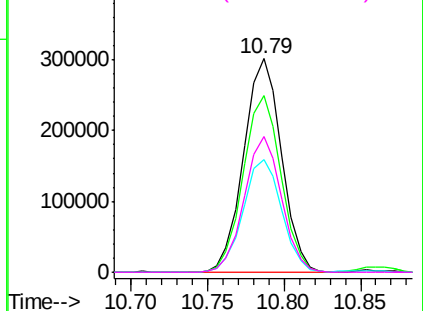


#46
1,1,2-Trichloroethane
Concen: 106.954 ug/L
RT: 10.79 min Scan# 1457
Delta R.T. -0.00 min
Lab File: VW013520.D
Acq: 10 Oct 2019 12:57

Tgt Ion:	97	Resp:	518761
Ion	Ratio	Lower	Upper
97	100		
83	83.0	57.5	106.9
85	52.7	36.8	68.4
99	63.3	44.0	81.6

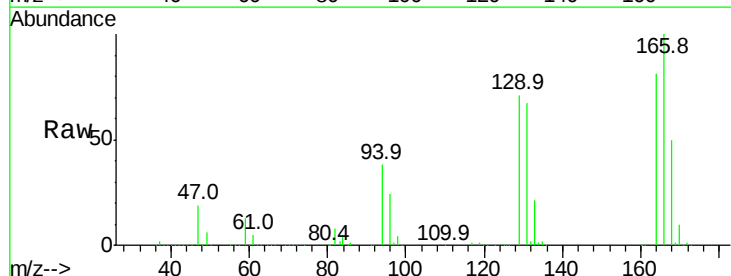


Abundance Ion 97.00 (96.70 to 97.70): VW

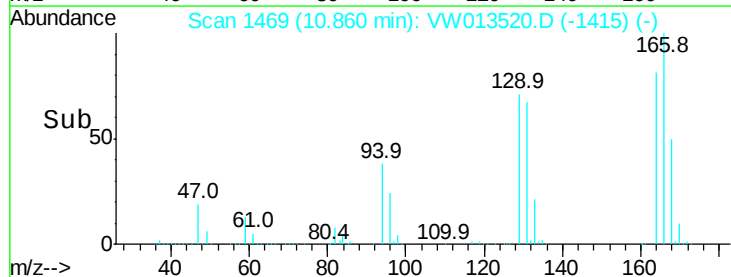
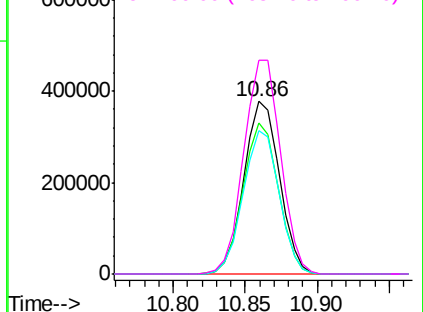


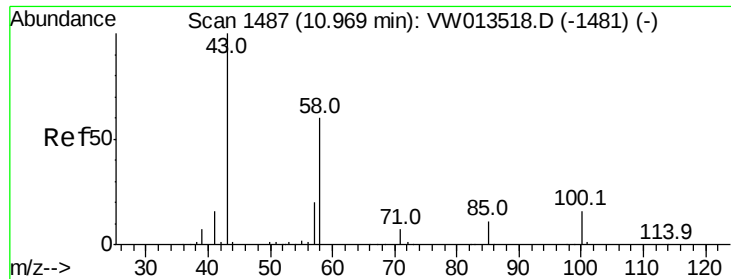
#47
Tetrachloroethene
Concen: 108.752 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013520.D
Acq: 10 Oct 2019 12:57

Tgt Ion:	164	Resp:	646852
Ion	Ratio	Lower	Upper
164	100		
129	87.3	60.2	111.8
131	83.5	57.0	105.9
166	123.8	91.2	169.4



Abundance Ion 164.00 (163.70 to 164.70): V

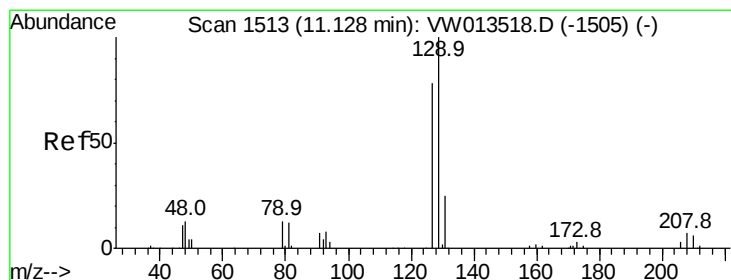
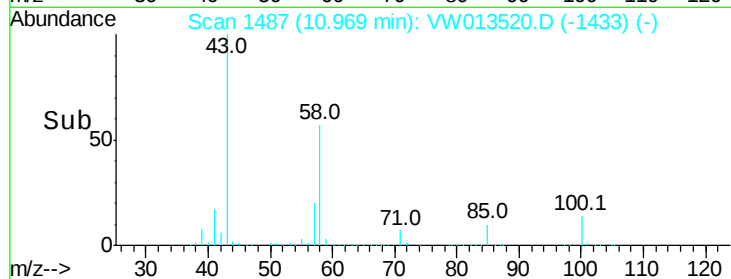
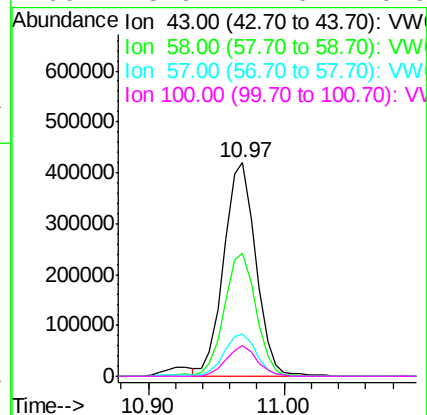
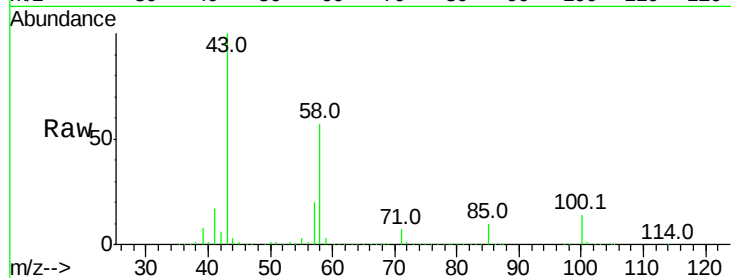




#49
2-Hexanone
Concen: 200.468 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW013520.D
Acq: 10 Oct 2019 12:57

Tgt Ion: 43 Resp: 682888

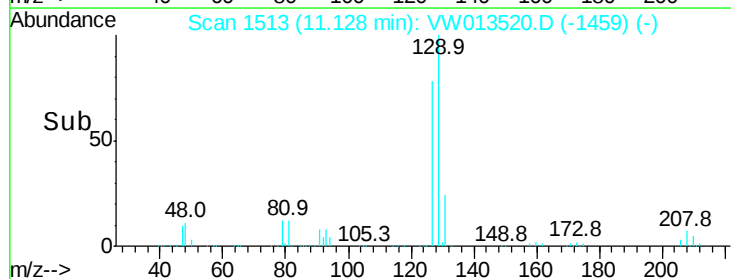
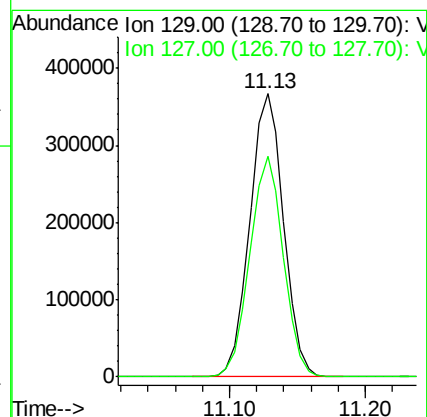
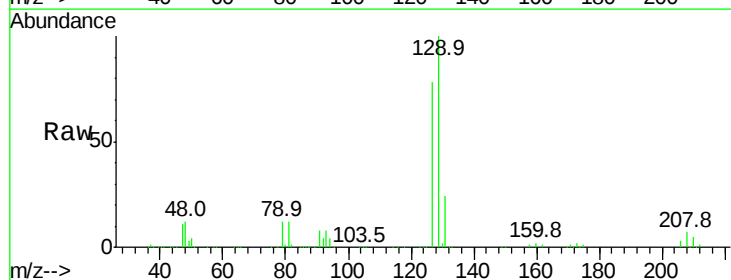
Ion	Ratio	Lower	Upper
43	100		
58	57.3	45.2	67.8
57	19.8	15.8	23.8
100	13.9	11.0	16.6

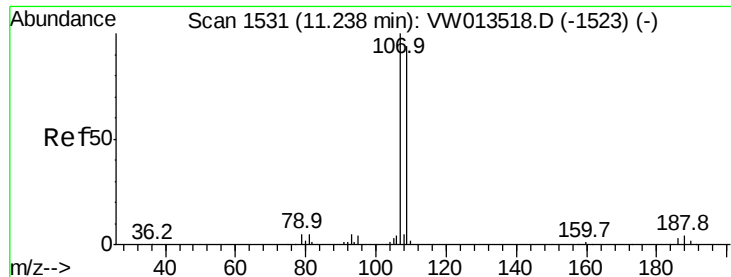


#50
Dibromochloromethane
Concen: 114.555 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013520.D
Acq: 10 Oct 2019 12:57

Tgt Ion: 129 Resp: 637315

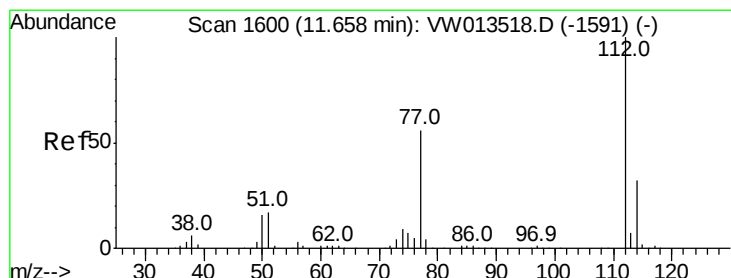
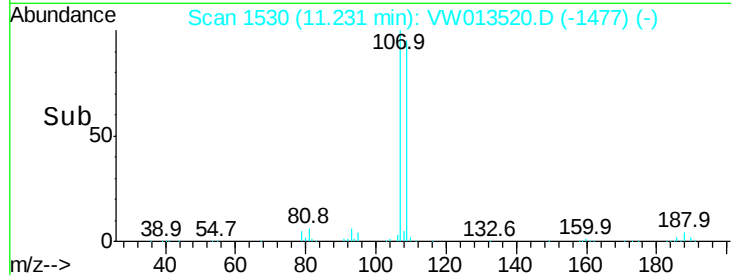
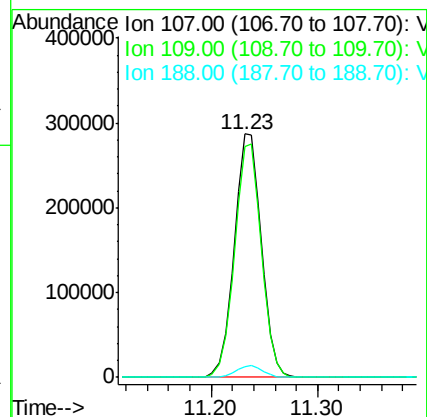
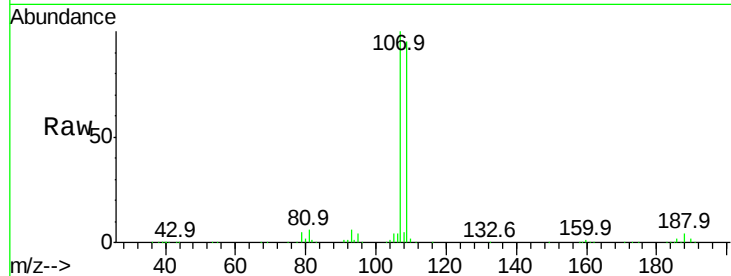
Ion	Ratio	Lower	Upper
129	100		
127	78.0	54.7	101.5





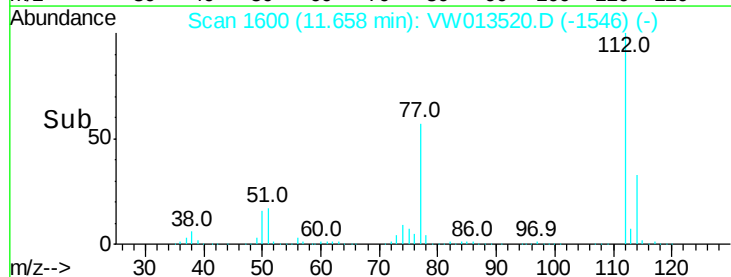
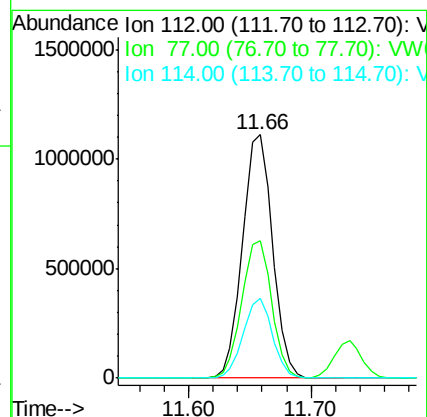
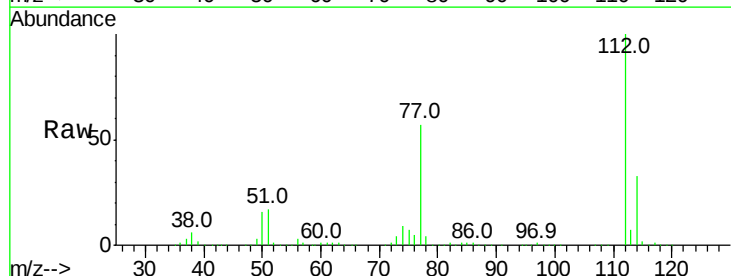
#51
1,2-Dibromoethane
Concen: 107.148 ug/L
RT: 11.23 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VW013520.D
Acq: 10 Oct 2019 12:57

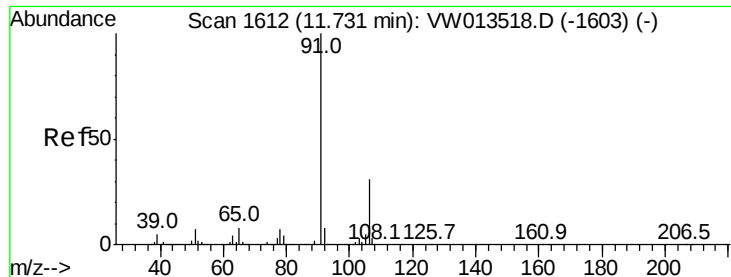
Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.7	65.5	121.7
188	4.4	3.6	5.4



#52
Chlorobenzene
Concen: 109.789 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013520.D
Acq: 10 Oct 2019 12:57

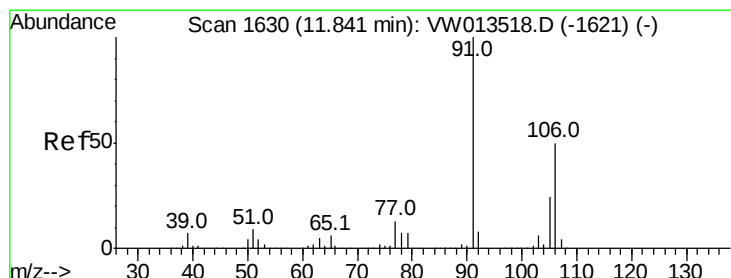
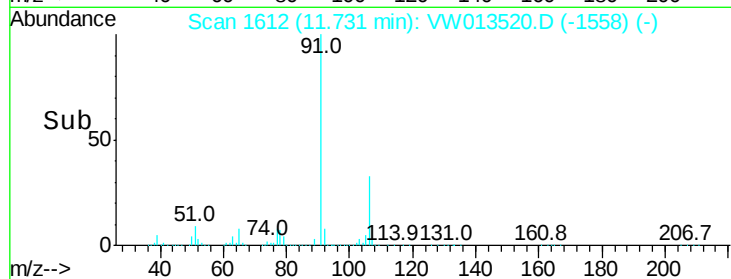
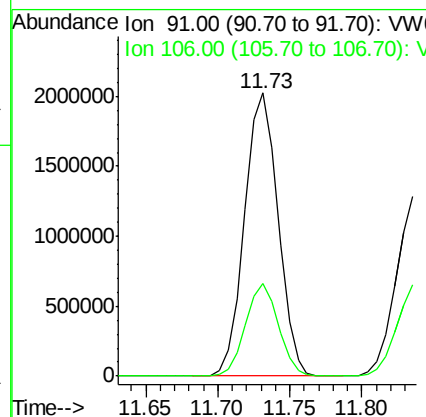
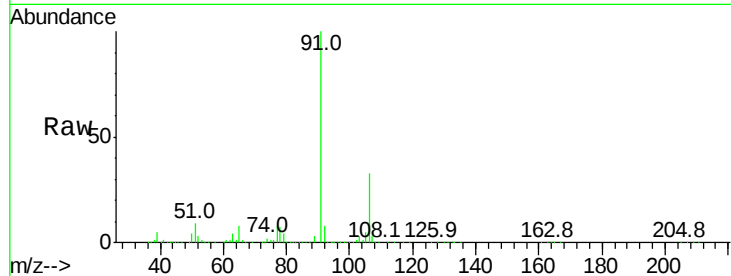
Tgt Ion	Ratio	Lower	Upper
112	100		
77	56.5	44.5	66.7
114	32.8	22.7	42.3





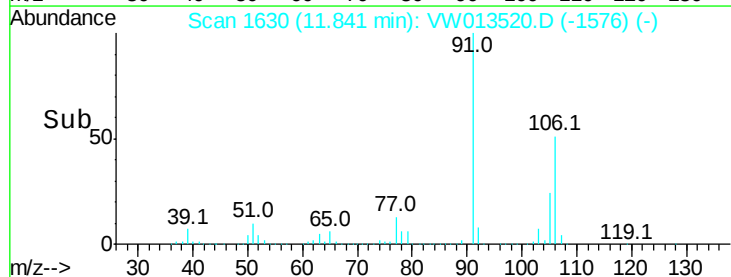
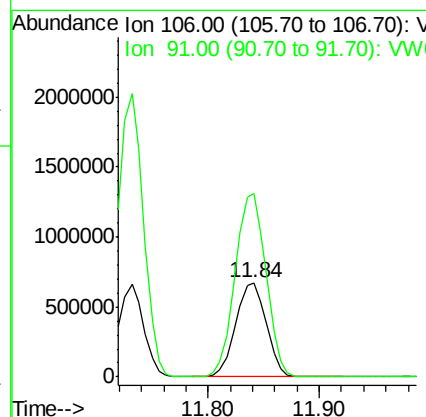
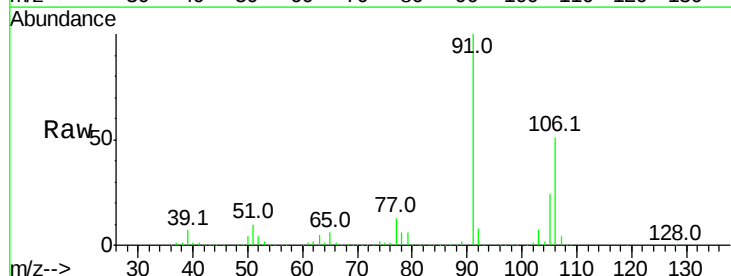
#53
Ethylbenzene
Concen: 107.854 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013520.D
Acq: 10 Oct 2019 12:57

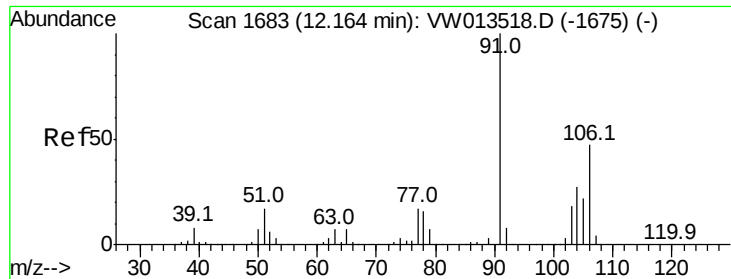
Tgt Ion: 91 Resp: 3275137
Ion Ratio Lower Upper
91 100
106 32.8 21.5 39.9



#54
m,p-Xylene
Concen: 110.173 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW013520.D
Acq: 10 Oct 2019 12:57

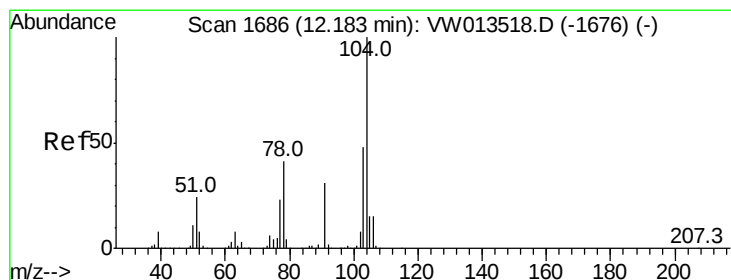
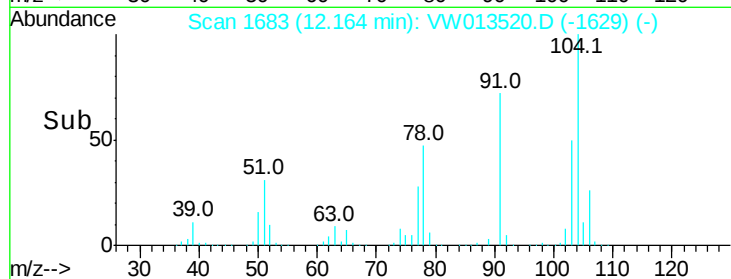
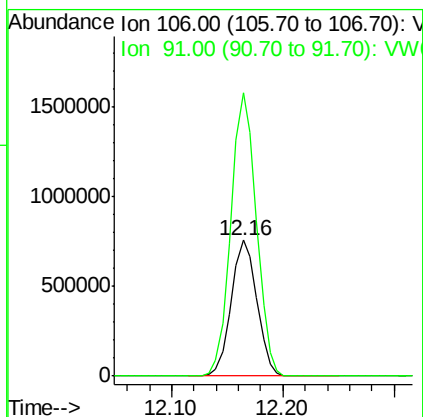
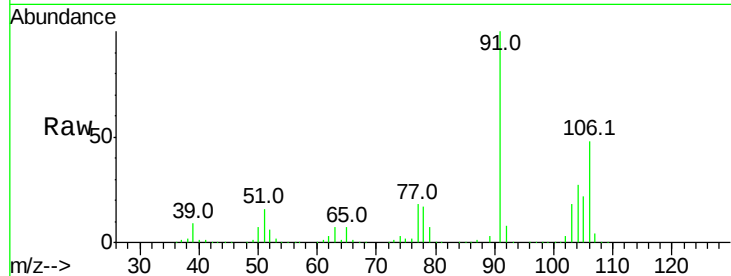
Tgt Ion: 106 Resp: 1284589
Ion Ratio Lower Upper
106 100
91 194.8 139.4 258.8





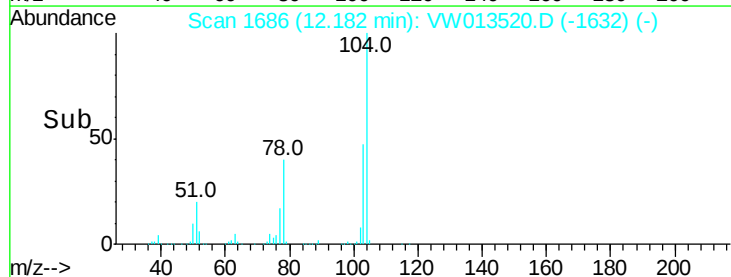
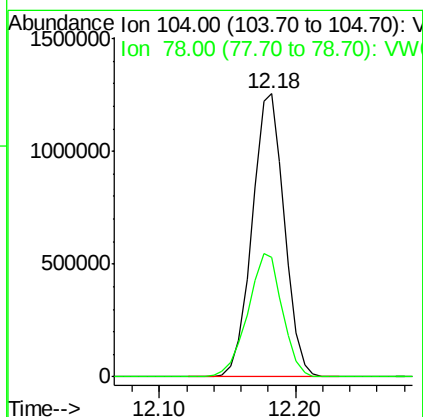
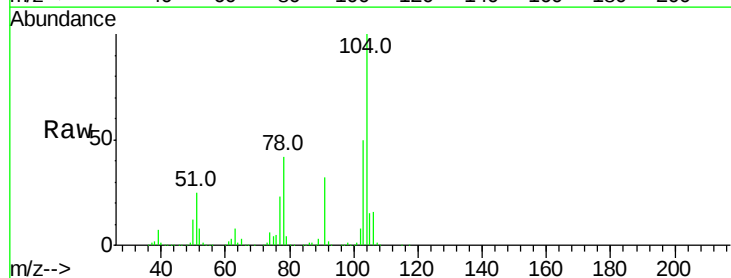
#55
o-xylene
Concen: 110.146 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013520.D
Acq: 10 Oct 2019 12:57

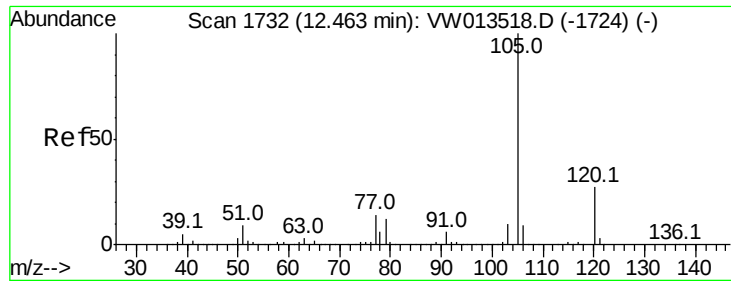
Tgt Ion:106 Resp: 1211907
Ion Ratio Lower Upper
106 100
91 208.1 148.4 275.6



#56
Styrene
Concen: 110.476 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW013520.D
Acq: 10 Oct 2019 12:57

Tgt Ion:104 Resp: 2084179
Ion Ratio Lower Upper
104 100
78 42.5 28.4 52.8





#57

Isopropylbenzene

Concen: 107.259 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013520.D

Acq: 10 Oct 2019 12:57

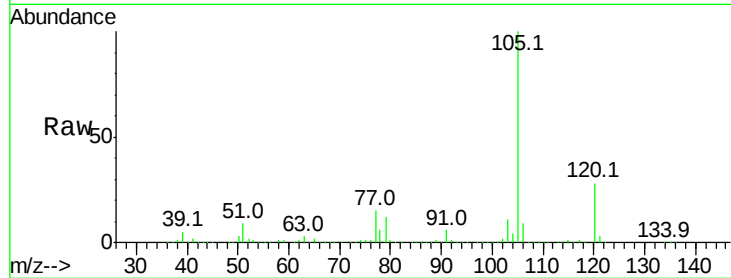
Tgt Ion: 105 Resp: 3191126

Ion Ratio Lower Upper

105 100

120 27.3 21.7 32.5

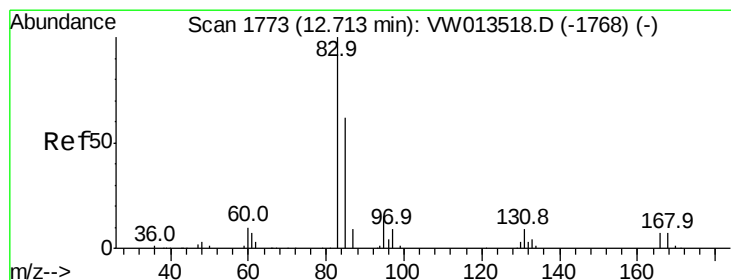
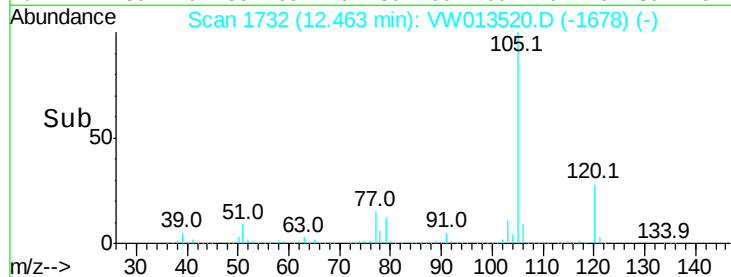
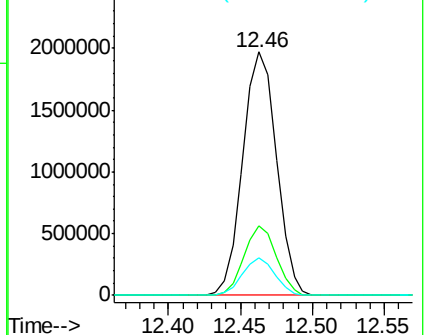
77 14.8 11.8 17.6



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



#58

1,1,2,2-Tetrachloroethane

Concen: 101.249 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013520.D

Acq: 10 Oct 2019 12:57

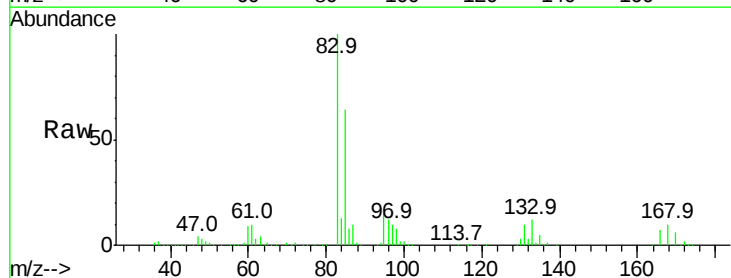
Tgt Ion: 83 Resp: 605002

Ion Ratio Lower Upper

83 100

85 64.1 44.7 83.1

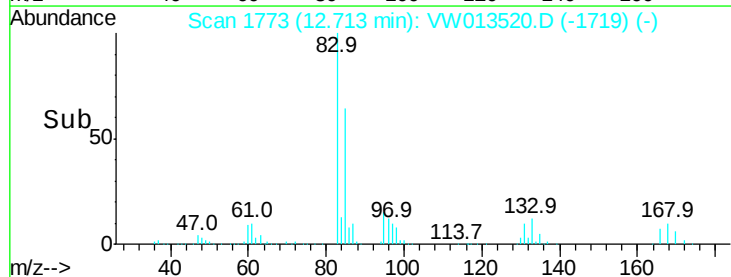
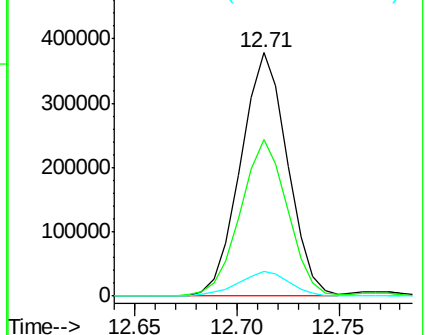
131 10.2 7.8 11.6

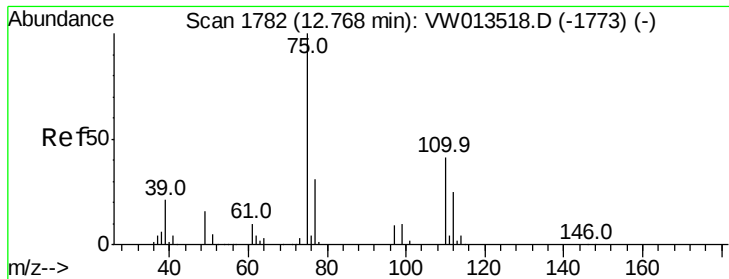


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

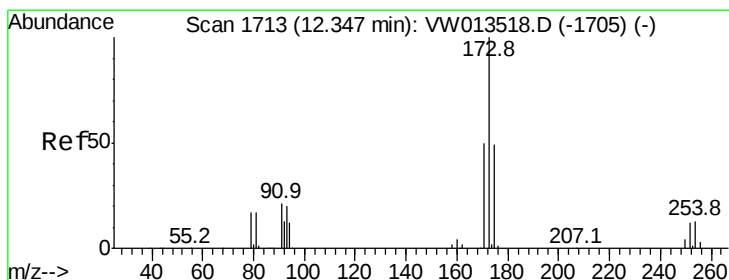
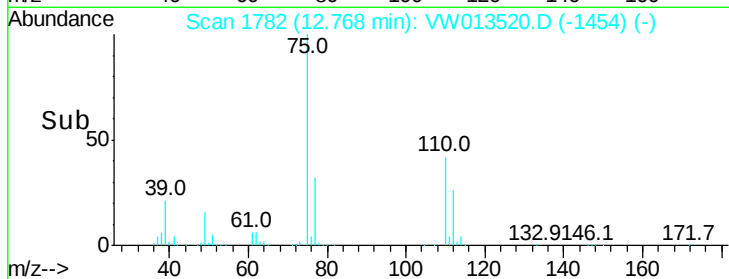
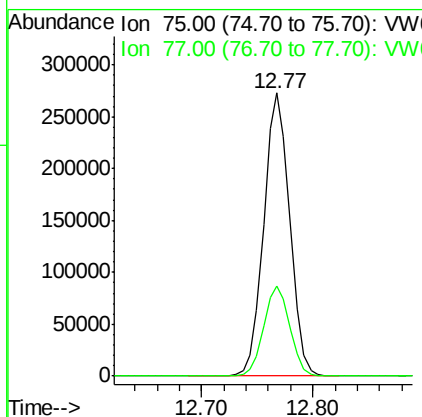
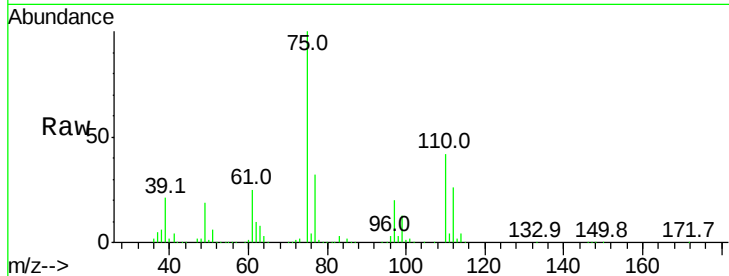
Ion 131.00 (130.70 to 131.70): V





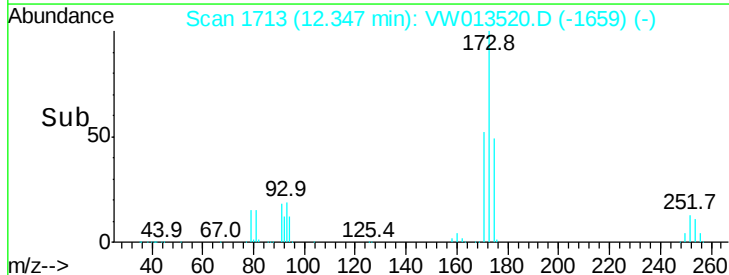
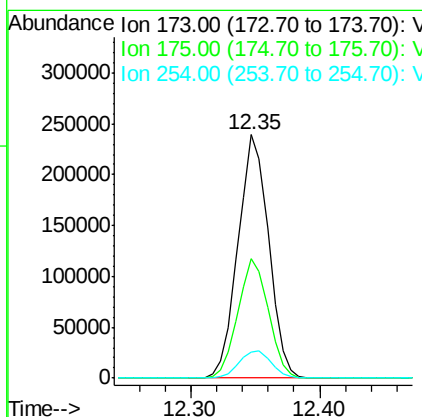
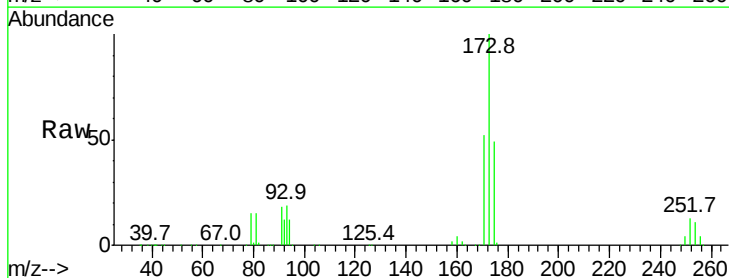
#59
 1,2,3-Trichloropropane
 Concen: 99.452 ug/L
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW013520.D
 Acq: 10 Oct 2019 12:57

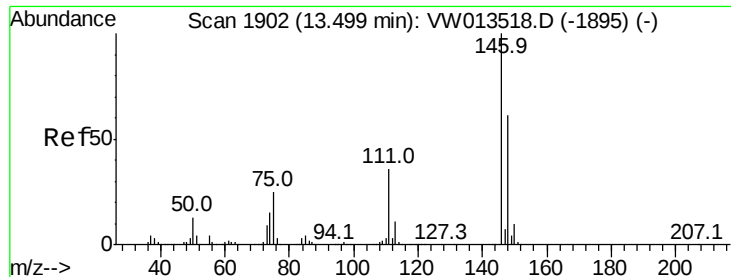
Tgt Ion: 75 Resp: 443453
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.5 38.3



#62
 Bromoform
 Concen: 112.426 ug/L
 RT: 12.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: VW013520.D
 Acq: 10 Oct 2019 12:57

Tgt Ion: 173 Resp: 394167
 Ion Ratio Lower Upper
 173 100
 175 48.9 39.0 58.6
 254 11.9 10.1 15.1

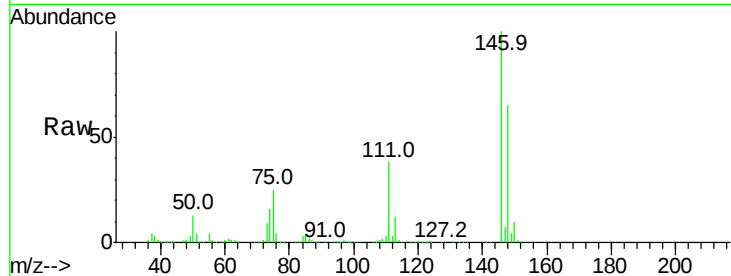




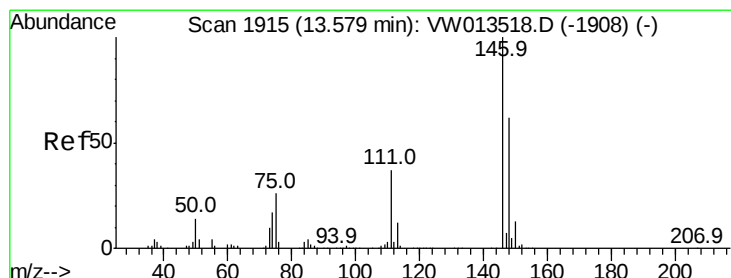
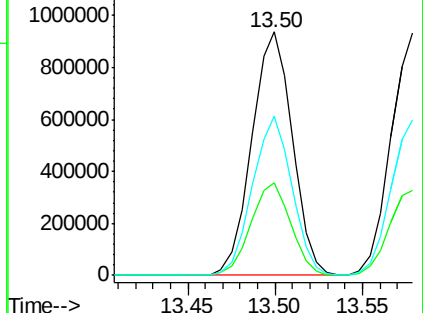
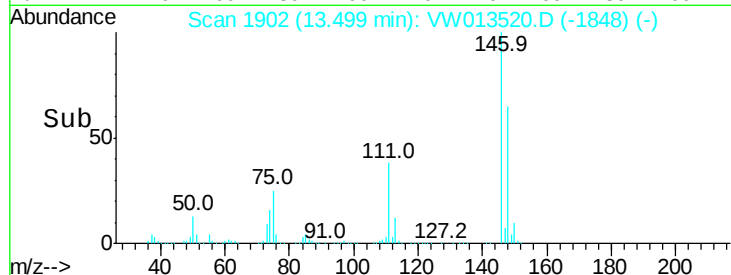
#63
 1,3-Dichlorobenzene
 Concen: 110.366 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013520.D
 Acq: 10 Oct 2019 12:57

Tgt Ion:146 Resp: 1505056

Ion	Ratio	Lower	Upper
146	100		
111	37.9	25.3	46.9
148	65.4	42.8	79.4



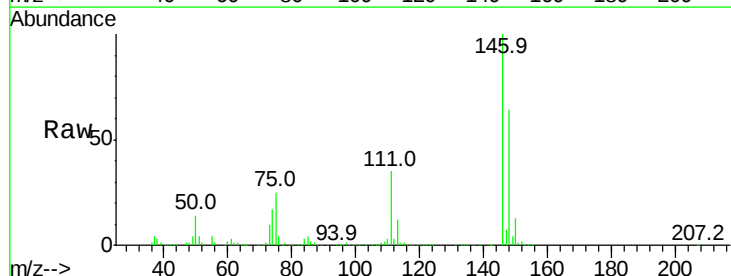
Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V



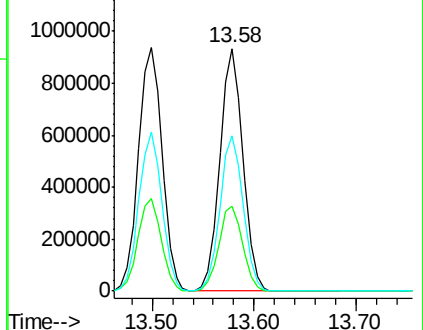
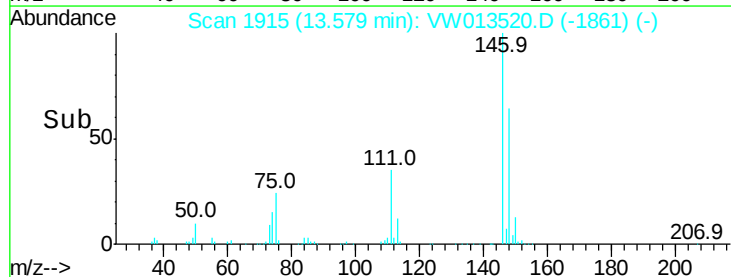
#64
 1,4-Dichlorobenzene
 Concen: 106.926 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW013520.D
 Acq: 10 Oct 2019 12:57

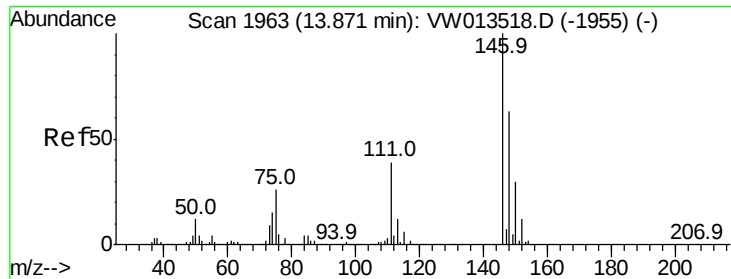
Tgt Ion:146 Resp: 1473336

Ion	Ratio	Lower	Upper
146	100		
111	35.2	25.8	47.8
148	63.9	43.7	81.1



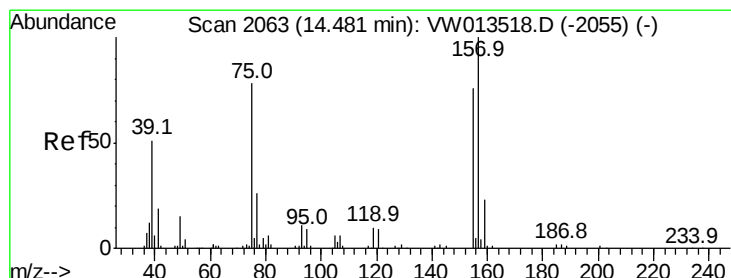
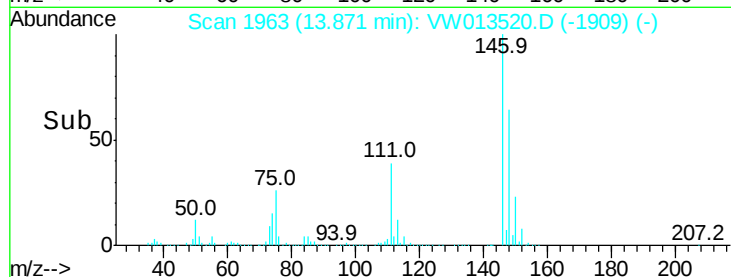
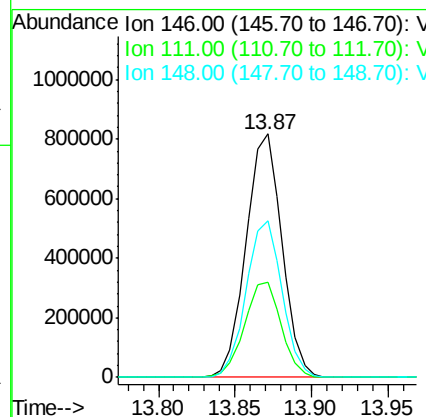
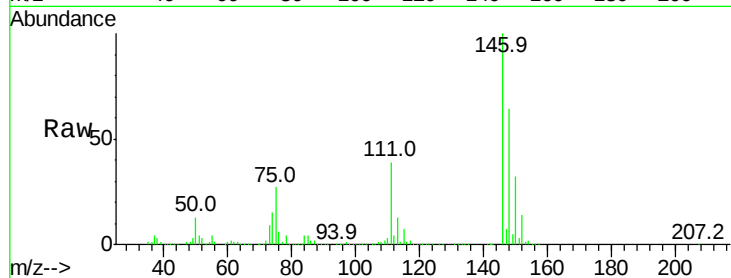
Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V





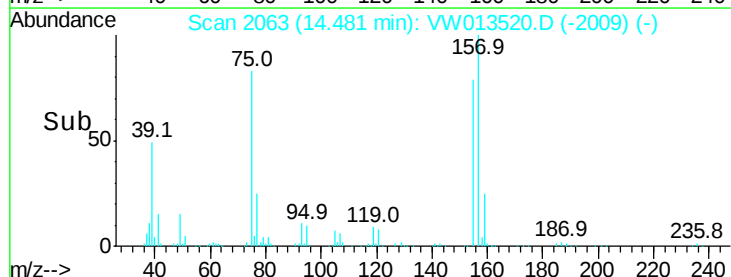
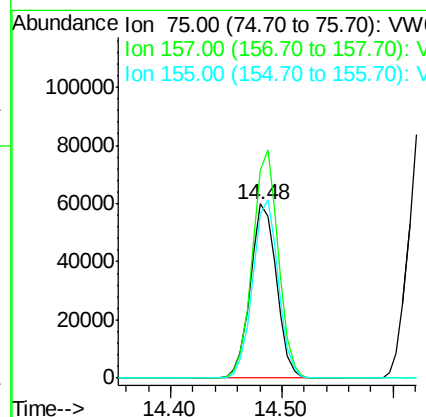
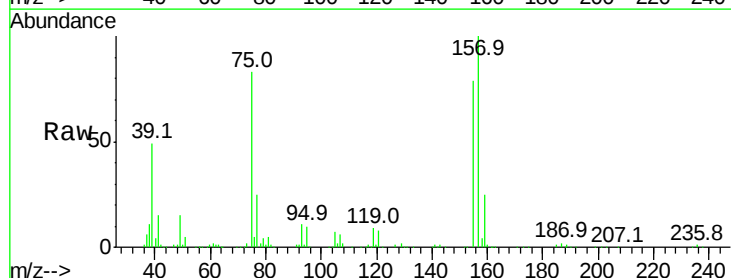
#65
 1,2-Dichlorobenzene
 Concen: 107.531 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW013520.D
 Acq: 10 Oct 2019 12:57

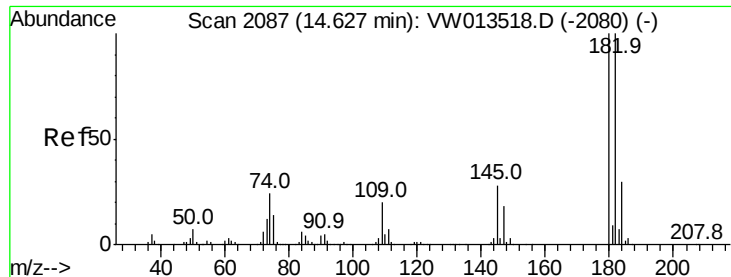
Tgt Ion:146 Resp: 1334225
 Ion Ratio Lower Upper
 146 100
 111 38.8 31.0 46.4
 148 64.1 50.3 75.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 99.954 ug/L
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW013520.D
 Acq: 10 Oct 2019 12:57

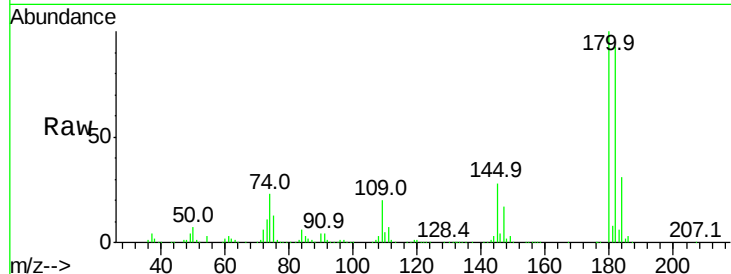
Tgt Ion: 75 Resp: 97674
 Ion Ratio Lower Upper
 75 100
 157 119.8 102.0 153.0
 155 94.4 77.6 116.4



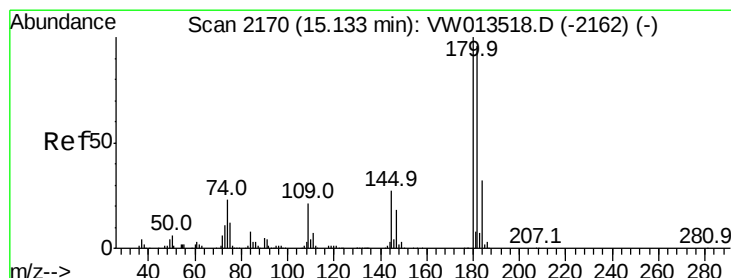
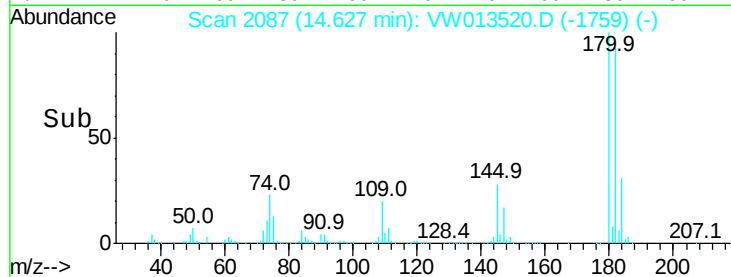
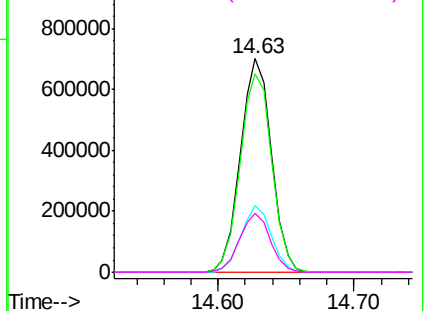


#67
 1,3,5-Trichlorobenzene
 Concen: 106.194 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. -0.00 min
 Lab File: VW013520.D
 Acq: 10 Oct 2019 12:57

Tgt Ion:180 Resp: 1115016
 Ion Ratio Lower Upper
 180 100
 182 95.1 77.0 115.4
 184 30.6 24.7 37.1
 145 27.3 22.2 33.2

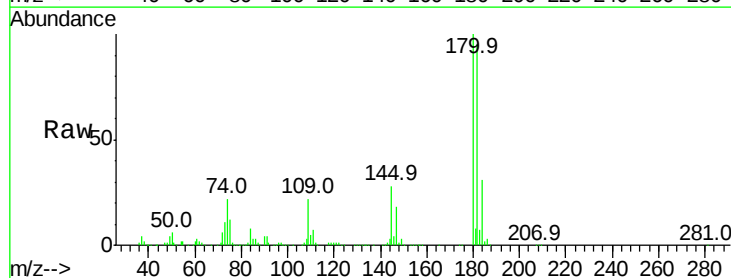


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

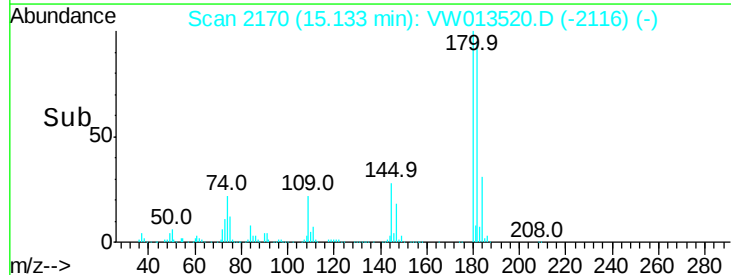
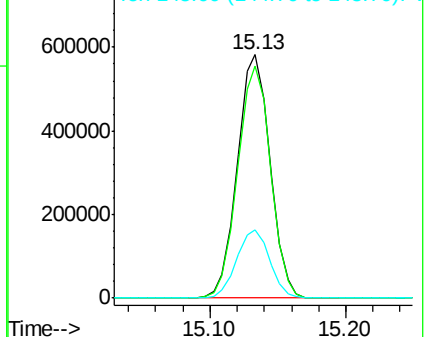


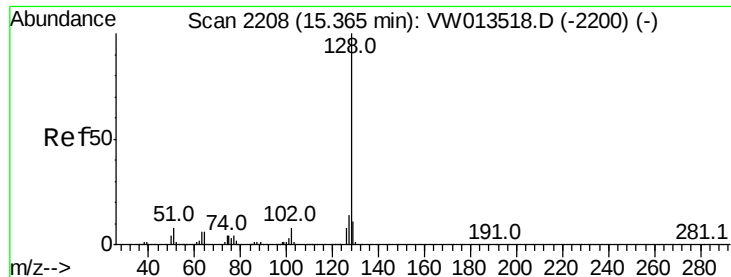
#68
 1,2,4-trichlorobenzene
 Concen: 116.257 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013520.D
 Acq: 10 Oct 2019 12:57

Tgt Ion:180 Resp: 974405
 Ion Ratio Lower Upper
 180 100
 182 96.2 78.2 117.2
 145 28.4 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

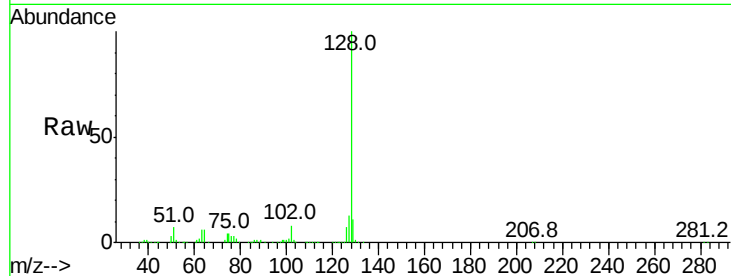




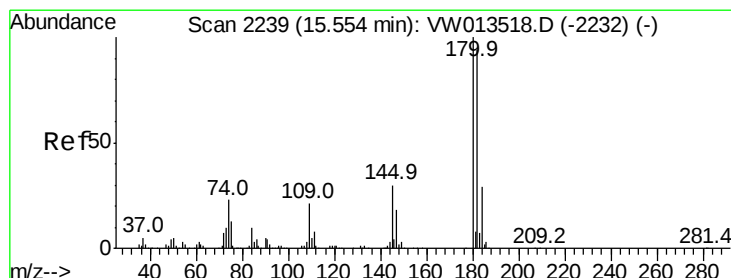
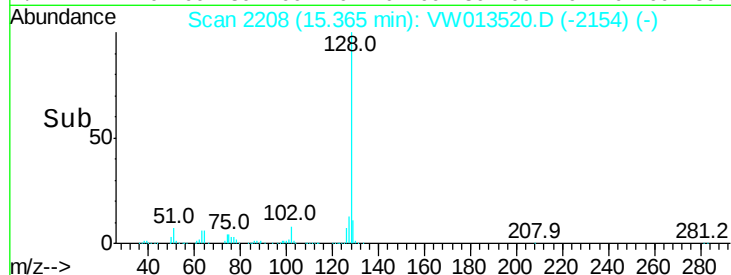
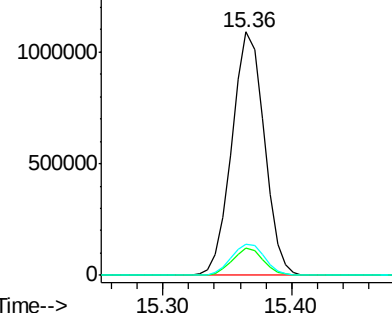
#69
Naphthalene
Concen: 117.999 ug/L
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013520.D
Acq: 10 Oct 2019 12:57

Tgt Ion:128 Resp: 1889454

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.5	12.7
127	13.1	10.4	15.6



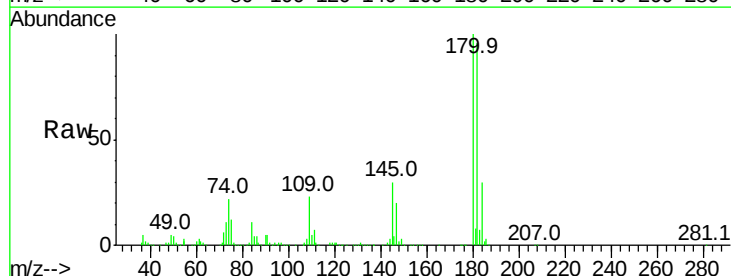
Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#70
1,2,3-Trichlorobenzene
Concen: 111.995 ug/L
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013520.D
Acq: 10 Oct 2019 12:57

Tgt Ion:180 Resp: 853733

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.0	114.0
145	30.1	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

