

Data File : VW013519.D
Acq On : 10 Oct 2019 12:31
Operator : SY/VA
Sample : VSTD05064
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 10 14:09:09 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	486988	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	431949	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	222745	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	276725	47.66	ug/L	0.00
7) Chloroethane-d5	2.89	69	208754	44.79	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	582607	50.96	ug/L	0.00
20) 2-Butanone-d5	7.08	46	182429	90.90	ug/L	0.00
24) Chloroform-d	7.65	84	520557	47.41	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	270573	45.61	ug/L	0.00
29) Benzene-d6	8.27	84	1144102	48.78	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	335517	48.00	ug/L	0.00
37) Toluene-d8	10.32	98	1081034	48.95	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	155237	49.43	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	149267	97.61	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	276848	46.65	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	384924	48.38	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	136267	44.711	ug/L	92
3) Chloromethane	2.21	50	211675	51.834	ug/L	99
5) Vinyl chloride	2.36	62	331043	58.615	ug/L	98
6) Bromomethane	2.78	94	201656	56.160	ug/L	99
8) Chloroethane	2.92	64	188286	54.956	ug/L	99
9) Trichlorofluoromethane	3.26	101	179697	51.336	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	311960	56.395	ug/L	98
12) 1,1-Dichloroethene	4.04	96	314012	55.935	ug/L	93
13) Acetone	4.12	43	163717	98.006	ug/L	97
14) Carbon disulfide	4.39	76	963836	60.481	ug/L	100
15) Methyl Acetate	4.67	43	165400	51.313	ug/L	98
16) Methylene chloride	4.92	84	316671	43.524	ug/L	97
17) Methyl tert-butyl Ether	5.42	73	505851	52.096	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	330451	55.049	ug/L	98
19) 1,1-Dichloroethane	6.21	63	555226	52.733	ug/L	99
21) 2-Butanone	7.17	43	237313	98.631	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	353470	54.042	ug/L	98
23) Bromochloromethane	7.51	128	160080	54.389	ug/L	98
25) Chloroform	7.67	83	542508	52.431	ug/L	100
27) 1,2-Dichloroethane	8.40	62	352022	51.949	ug/L	99
30) Cyclohexane	7.96	56	577373	55.655	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	441037	53.198	ug/L	99
32) Carbon tetrachloride	8.07	117	424808	53.740	ug/L	98
34) Benzene	8.32	78	1308006	54.014	ug/L	100
35) Trichloroethene	9.09	95	339419	53.352	ug/L	99
36) Methylcyclohexane	9.34	83	630252	55.612	ug/L	100
40) 1,2-Dichloropropane	9.37	63	318299	53.426	ug/L	100
41) Bromodichloromethane	9.65	83	398435	54.506	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	531528	55.852	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	457691	100.350	ug/L	99

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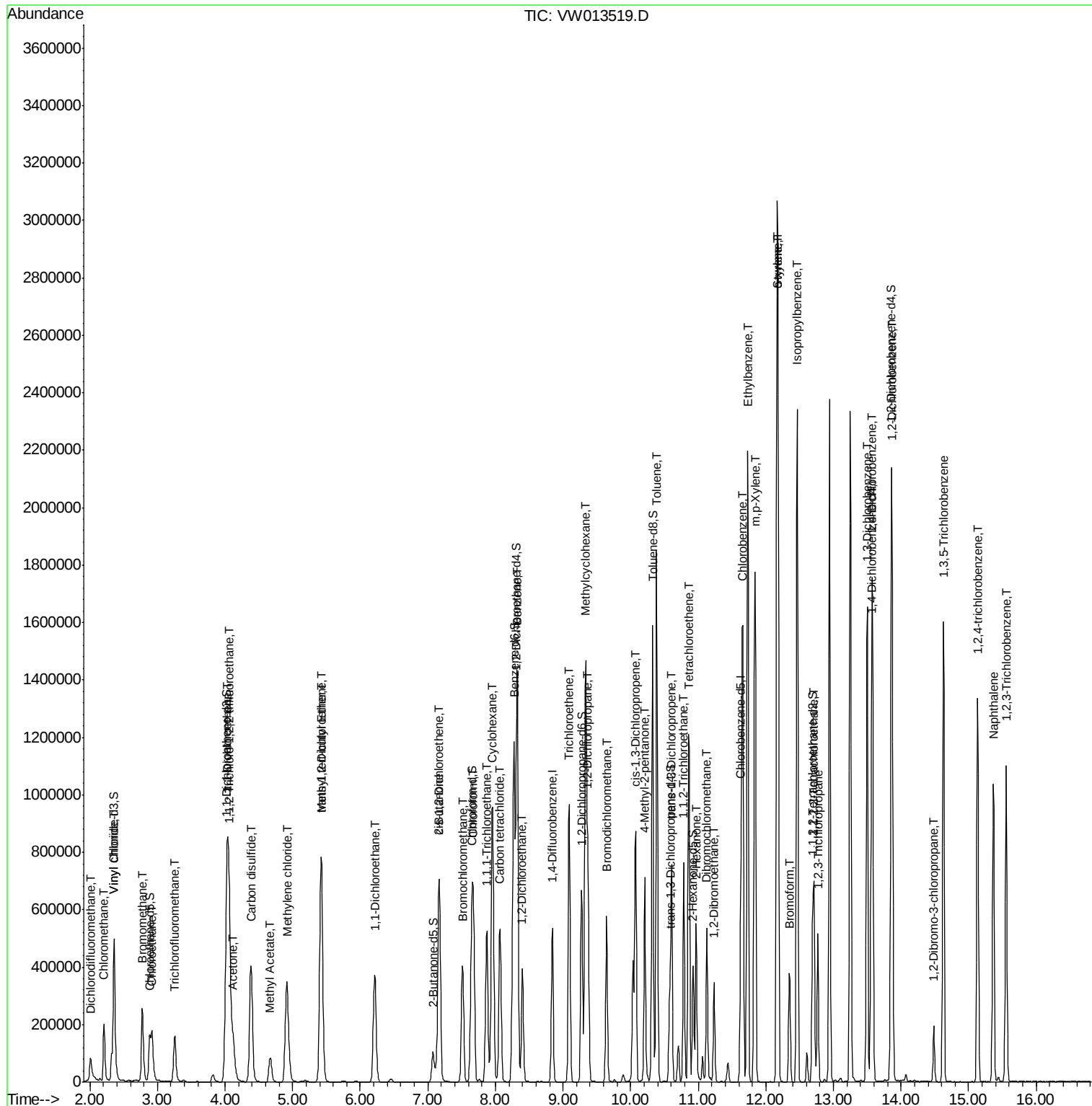
Quant Time: Oct 10 14:09:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
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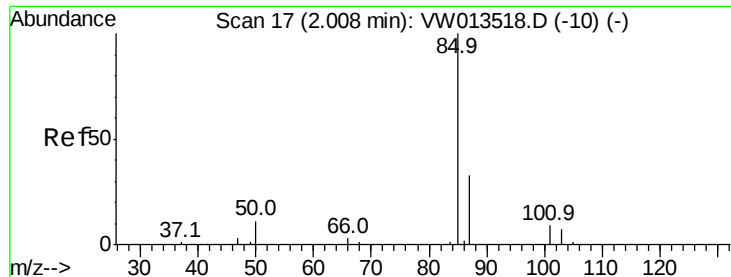
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	1426402	54.102	ug/L	96
45) trans-1,3-Dichloropropene	10.60	75	423432	55.355	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	246089	52.717	ug/L	99
47) Tetrachloroethene	10.86	164	312745	54.633	ug/L	96
49) 2-Hexanone	10.97	43	342027	104.325	ug/L	99
50) Dibromochloromethane	11.13	129	294785	55.055	ug/L	99
51) 1,2-Dibromoethane	11.23	107	248706	54.230	ug/L	100
52) Chlorobenzene	11.66	112	898593	54.090	ug/L	100
53) Ethylbenzene	11.73	91	1591186	54.445	ug/L	99
54) m,p-Xylene	11.84	106	611624	54.504	ug/L	98
55) o-xylene	12.16	106	581738	54.936	ug/L	95
56) Styrene	12.18	104	1000110	55.082	ug/L	100
57) Isopropylbenzene	12.46	105	1569518	54.814	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	300293	52.217	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	224602	52.337	ug/L	99
62) Bromoform	12.35	173	191105	54.231	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	734235	53.569	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	729667	52.686	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	659949	52.918	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	48554	49.435	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	553717	52.469	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	474789	56.360	ug/L	99
69) Naphthalene	15.36	128	943445	58.621	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	421600	55.026	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 44.711 ug/L

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW013519.D

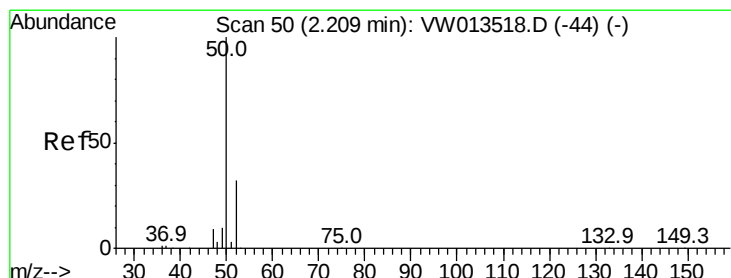
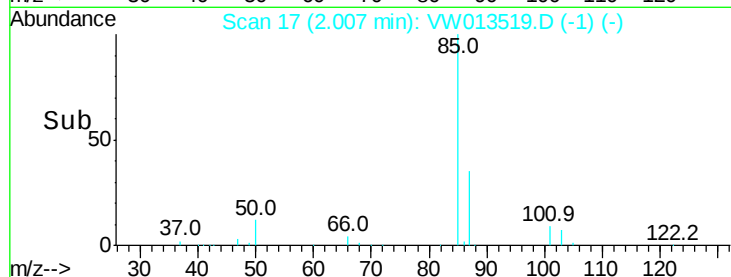
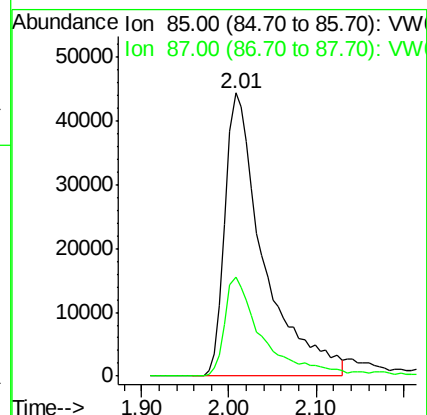
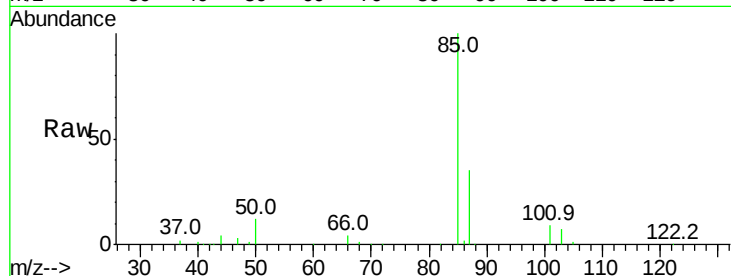
Acq: 10 Oct 2019 12:31

Tgt Ion: 85 Resp: 136267

Ion Ratio Lower Upper

85 100

87 33.6 20.4 38.0



#3

Chloromethane

Concen: 51.834 ug/L

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW013519.D

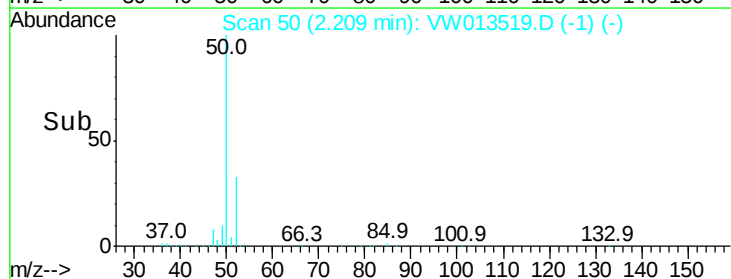
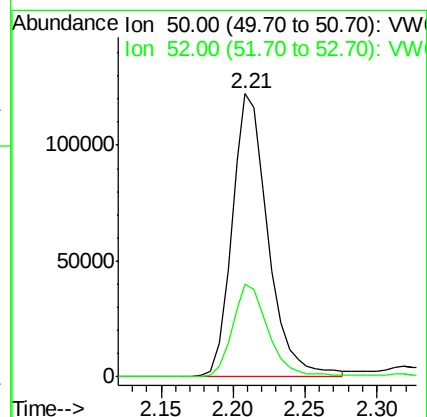
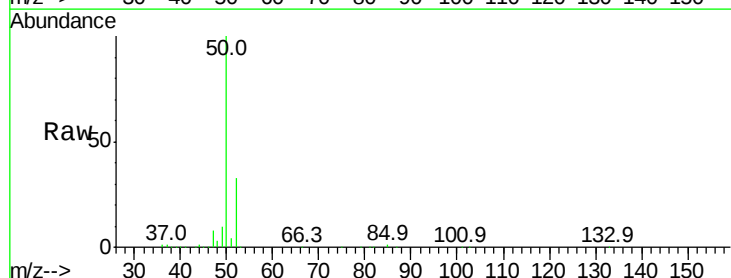
Acq: 10 Oct 2019 12:31

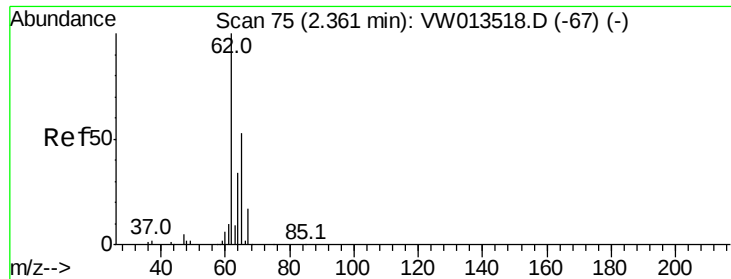
Tgt Ion: 50 Resp: 211675

Ion Ratio Lower Upper

50 100

52 32.8 22.6 42.0





#5

Vinyl chloride

Concen: 58.615 ug/L

RT: 2.36 min Scan# 75

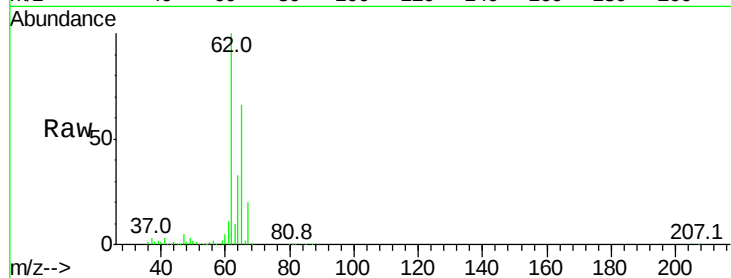
Delta R.T. -0.00 min

Lab File: VW013519.D

Acq: 10 Oct 2019 12:31

Tgt Ion: 62 Resp: 331043

Ion	Ratio	Lower	Upper
62	100		
64	33.1	23.9	44.3



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 64.00 (63.70 to 64.70): VW

2.36

200000

150000

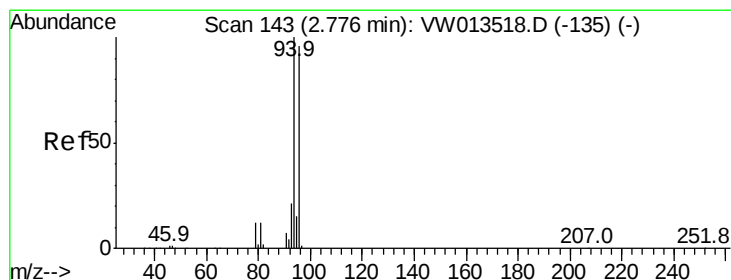
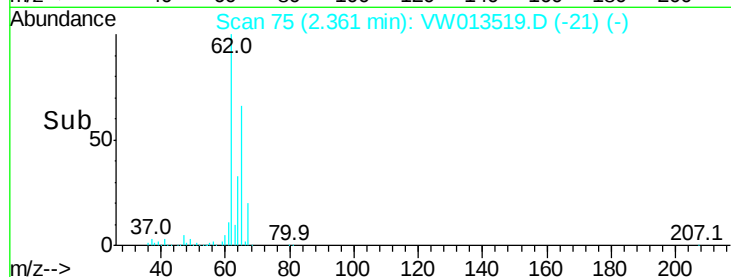
100000

50000

0

Time-->

2.30 2.35 2.40 2.45



#6

Bromomethane

Concen: 56.160 ug/L

RT: 2.78 min Scan# 143

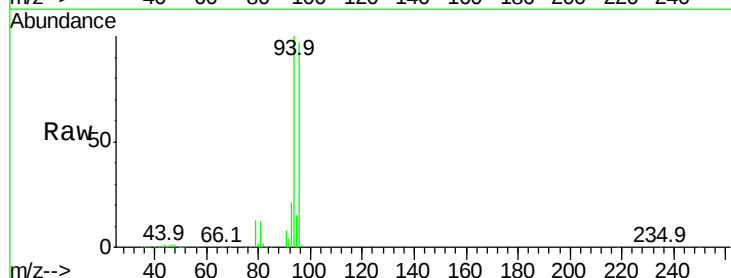
Delta R.T. -0.00 min

Lab File: VW013519.D

Acq: 10 Oct 2019 12:31

Tgt Ion: 94 Resp: 201656

Ion	Ratio	Lower	Upper
94	100		
96	93.7	9.5	179.9



Abundance Ion 94.00 (93.70 to 94.70): VW

Ion 96.00 (95.70 to 96.70): VW

2.78

100000

80000

60000

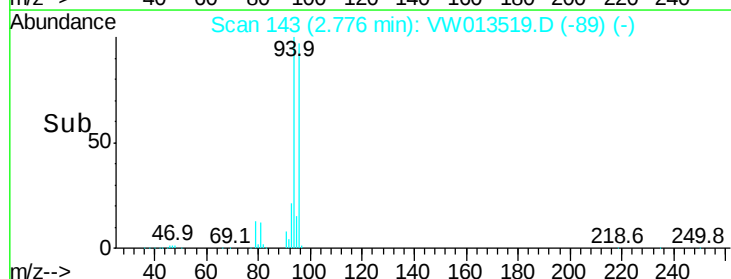
40000

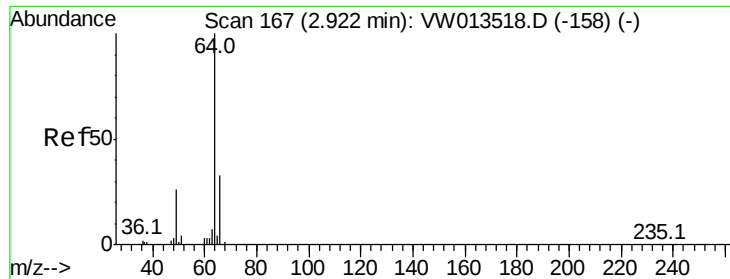
20000

0

Time-->

2.70 2.80 2.90





#8

Chloroethane

Concen: 54.956 ug/L

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW013519.D

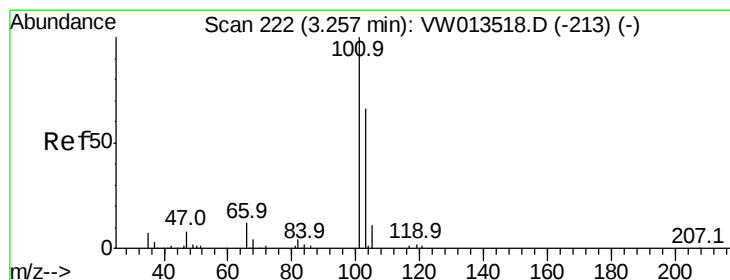
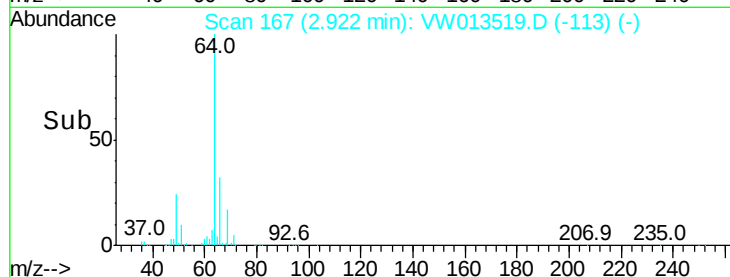
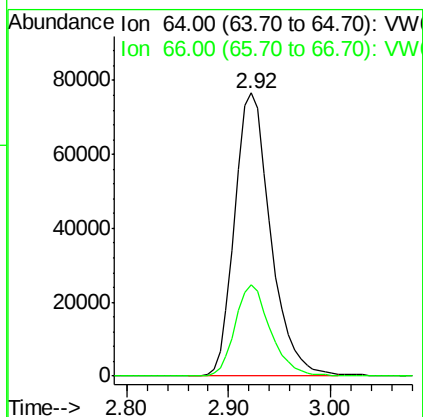
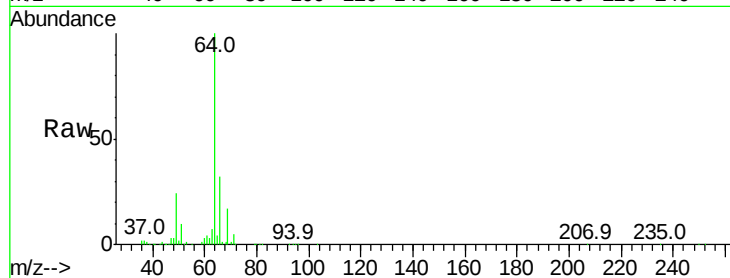
Acq: 10 Oct 2019 12:31

Tgt Ion: 64 Resp: 188286

Ion Ratio Lower Upper

64 100

66 32.4 23.2 43.0



#9

Trichlorofluoromethane

Concen: 51.336 ug/L

RT: 3.26 min Scan# 222

Delta R.T. -0.00 min

Lab File: VW013519.D

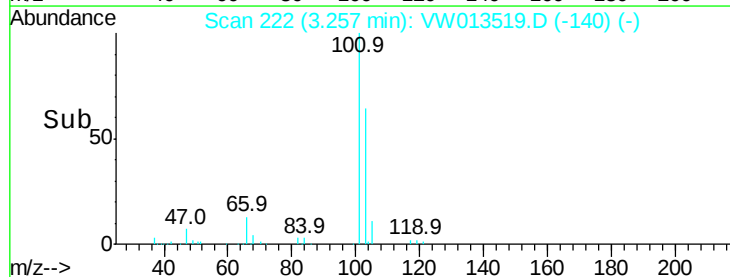
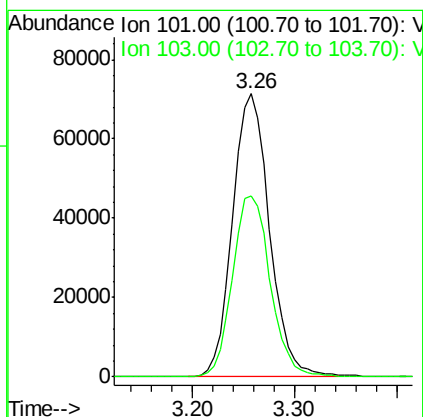
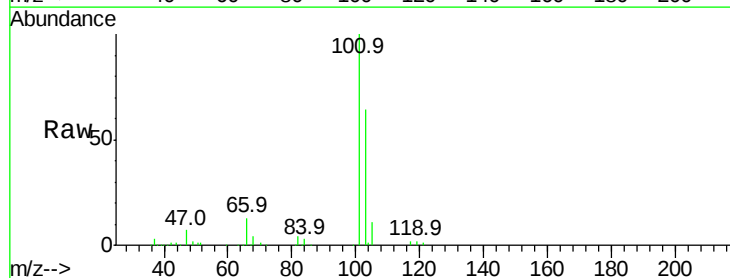
Acq: 10 Oct 2019 12:31

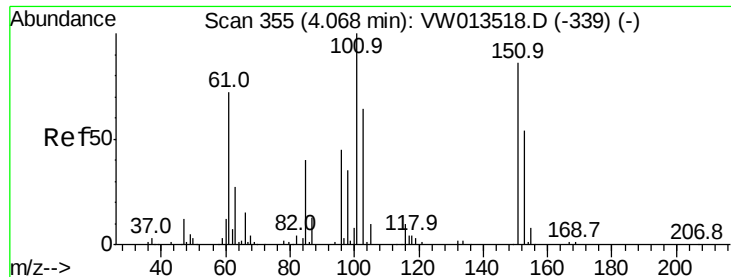
Tgt Ion: 101 Resp: 179697

Ion Ratio Lower Upper

101 100

103 65.6 46.0 85.4





#11

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

Concen: 56.395 ug/L

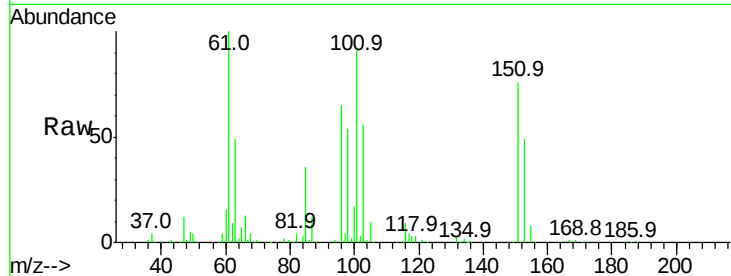
RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW013519.D

Acq: 10 Oct 2019 12:31

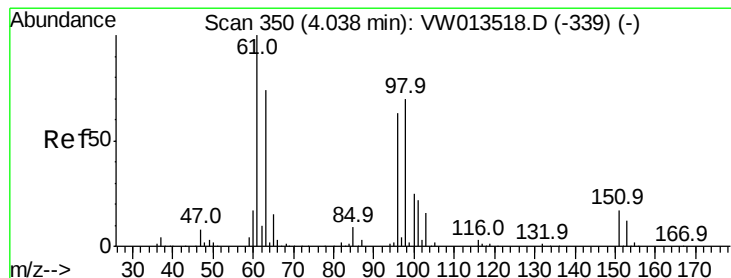
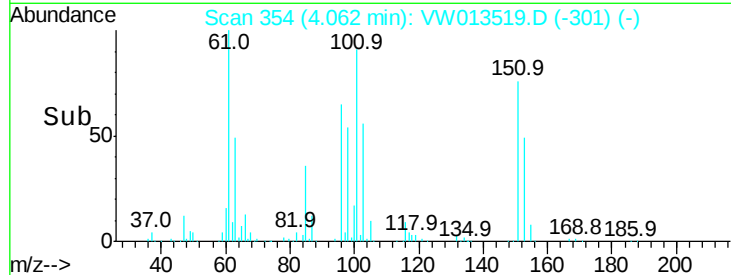
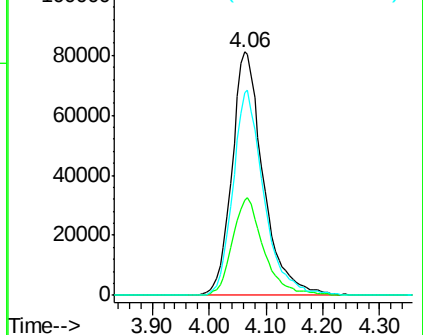
Tgt Ion:	101	Resp:	311960
Ion	Ratio	Lower	Upper
101	100		
85	39.8	32.0	48.0
151	81.8	67.0	100.6



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: 55.935 ug/L

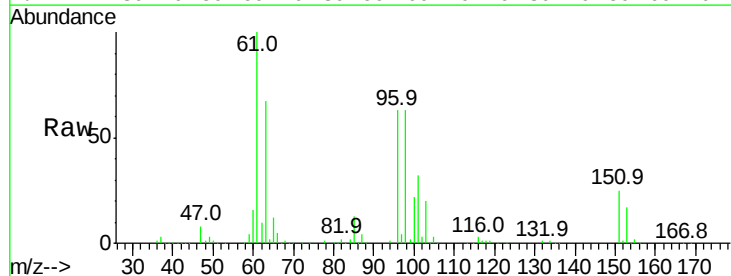
RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW013519.D

Acq: 10 Oct 2019 12:31

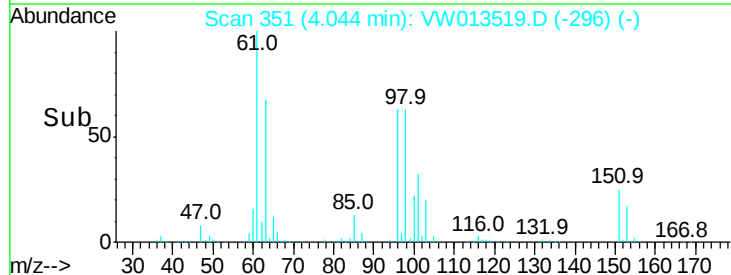
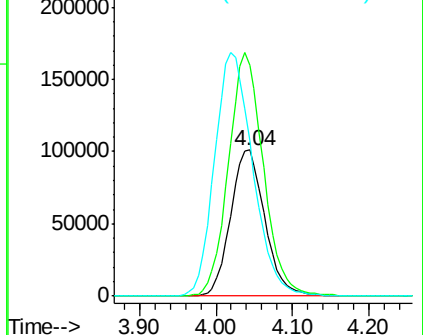
Tgt Ion:	96	Resp:	314012
Ion	Ratio	Lower	Upper
96	100		
61	158.3	111.0	206.2
63	106.3	86.3	160.3

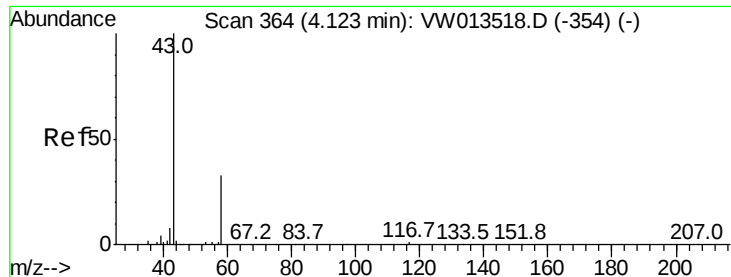


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 98.006 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW013519.D

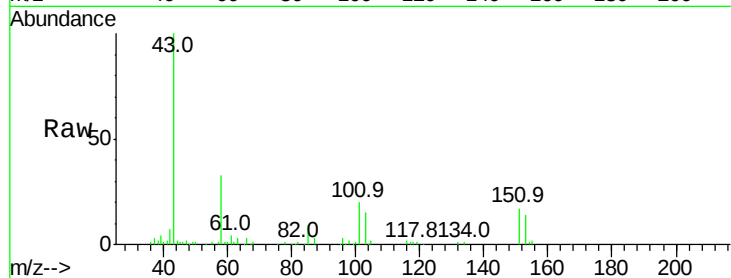
Acq: 10 Oct 2019 12:31

Tgt Ion: 43 Resp: 163717

Ion Ratio Lower Upper

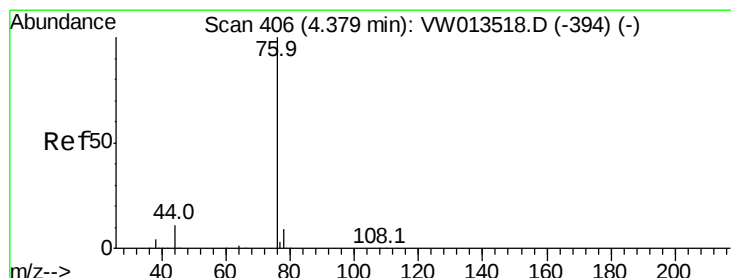
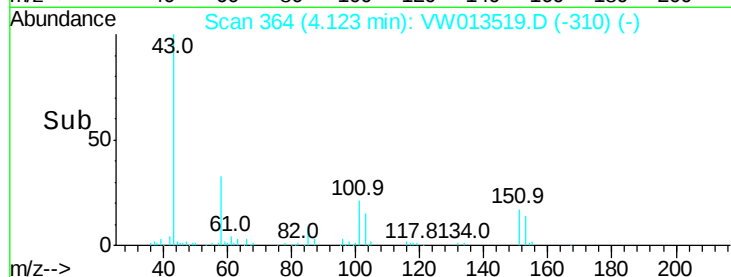
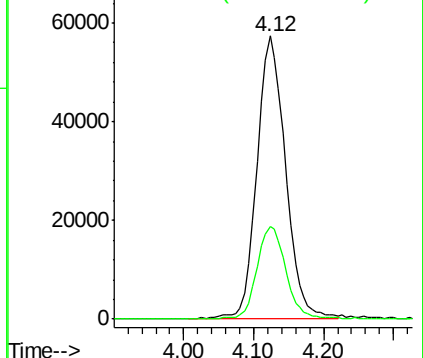
43 100

58 32.4 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: 60.481 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW013519.D

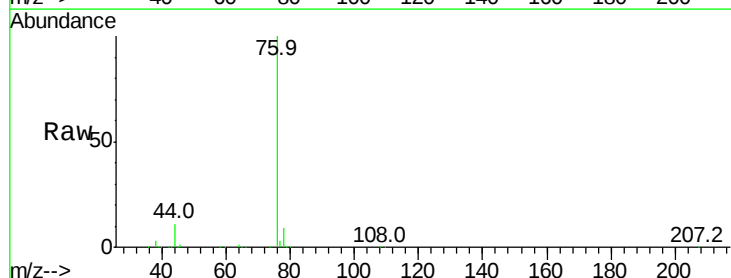
Acq: 10 Oct 2019 12:31

Tgt Ion: 76 Resp: 963836

Ion Ratio Lower Upper

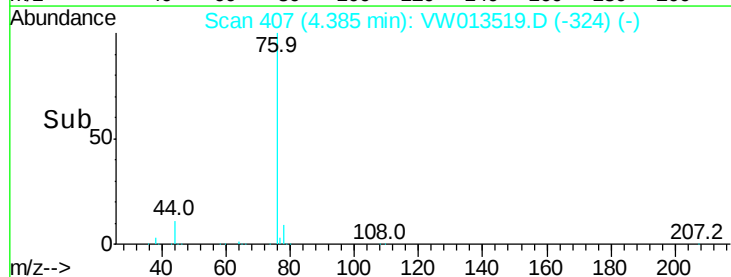
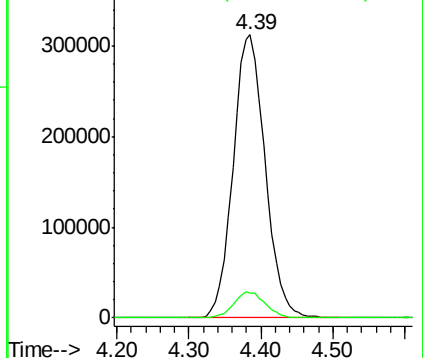
76 100

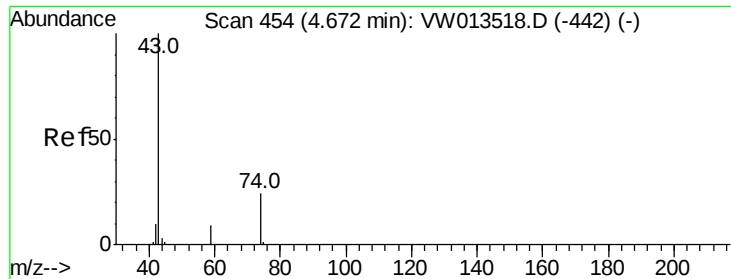
78 8.9 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#15

Methyl Acetate

Concen: 51.313 ug/L

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW013519.D

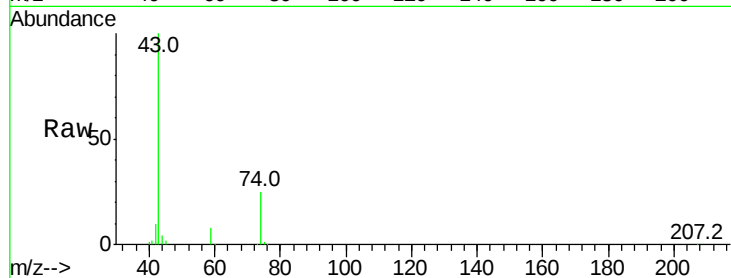
Acq: 10 Oct 2019 12:31

Tgt Ion: 43 Resp: 165400

Ion Ratio Lower Upper

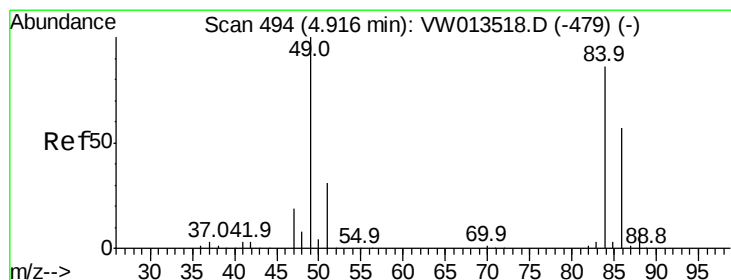
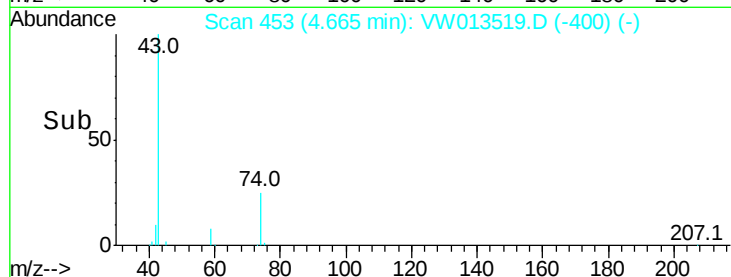
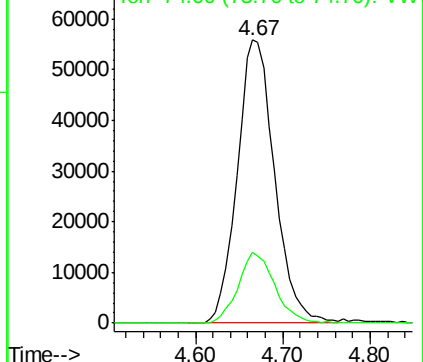
43 100

74 24.5 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: 43.524 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW013519.D

Acq: 10 Oct 2019 12:31

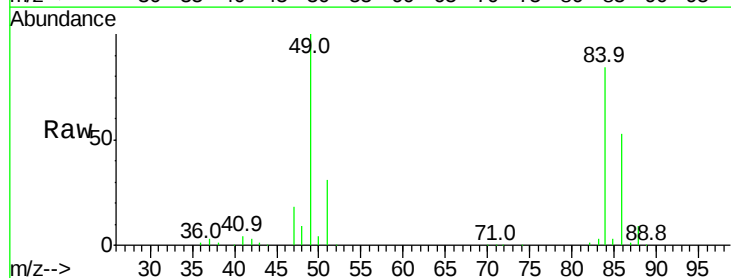
Tgt Ion: 84 Resp: 316671

Ion Ratio Lower Upper

84 100

49 119.6 81.3 151.1

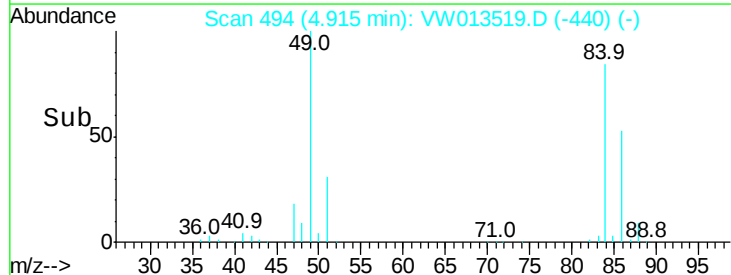
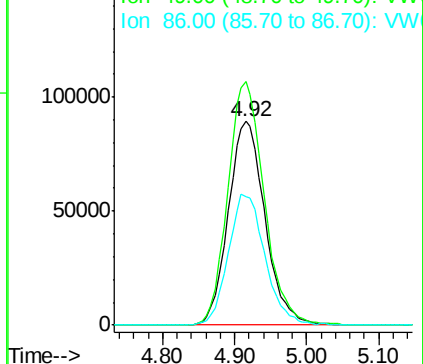
86 63.1 46.3 86.1

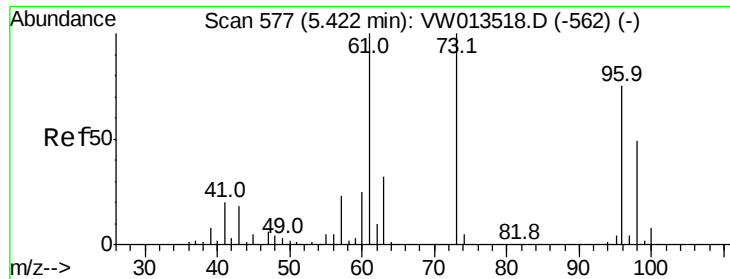


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

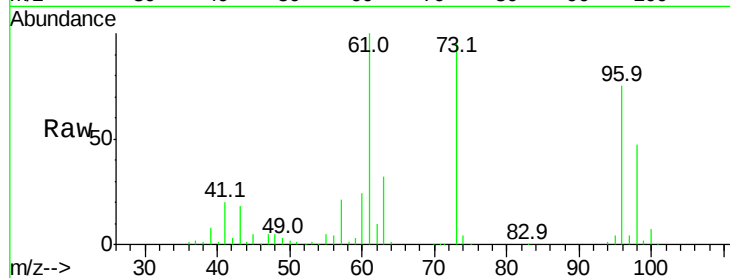
Ion 86.00 (85.70 to 86.70): VW





#17
Methyl tert-butyl Ether
Concen: 52.096 ug/L
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW013519.D
Acq: 10 Oct 2019 12:31

Tgt Ion	Ratio	Lower	Upper
73	100		
43	18.7	15.0	22.4
57	22.5	18.1	27.1

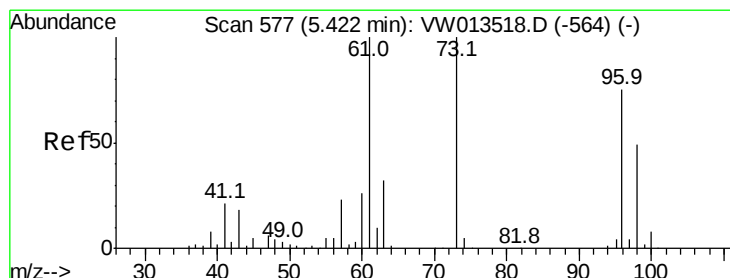
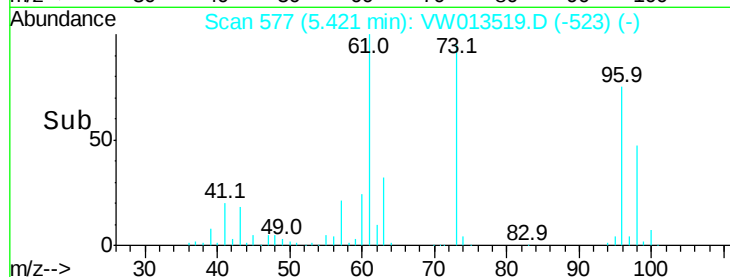
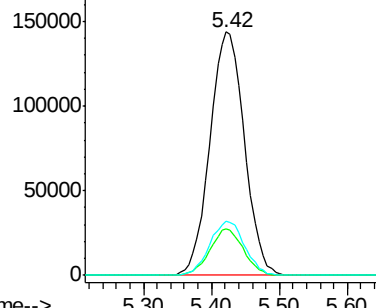


Abundance

Ion 73.00 (72.70 to 73.70): VW

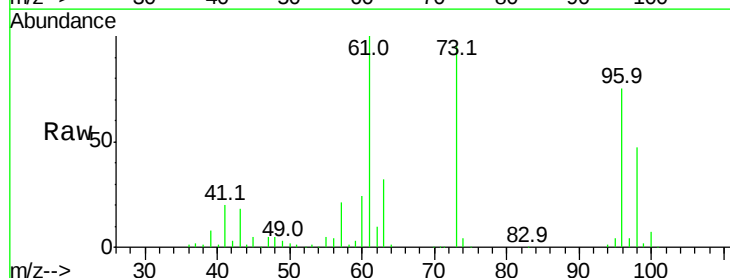
Ion 43.00 (42.70 to 43.70): VW

Ion 57.00 (56.70 to 57.70): VW



#18
trans-1,2-Dichloroethene
Concen: 55.049 ug/L
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW013519.D
Acq: 10 Oct 2019 12:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.0	93.7	173.9
98	62.4	46.1	85.7

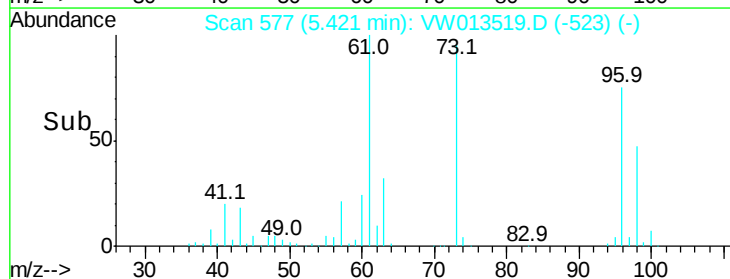
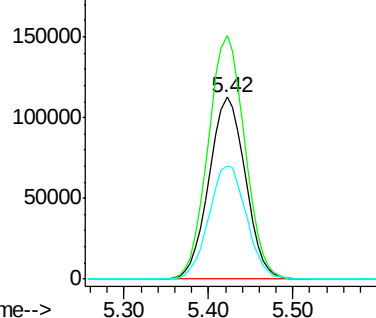


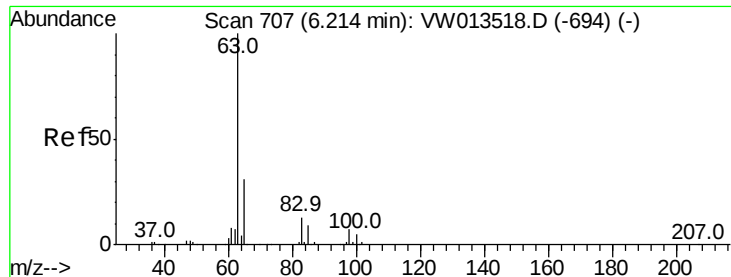
Abundance

Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

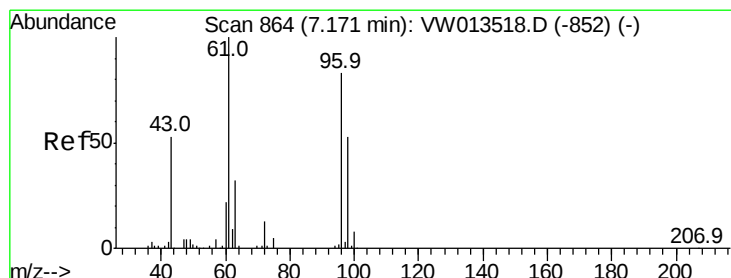
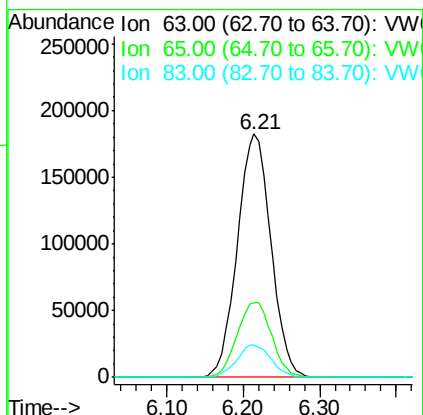
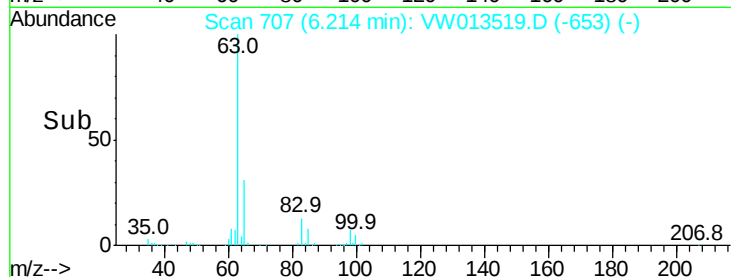
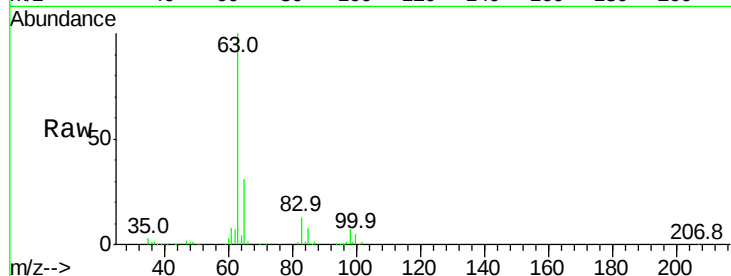
Ion 98.00 (97.70 to 98.70): VW





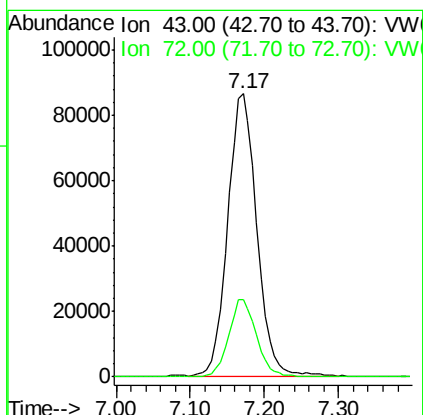
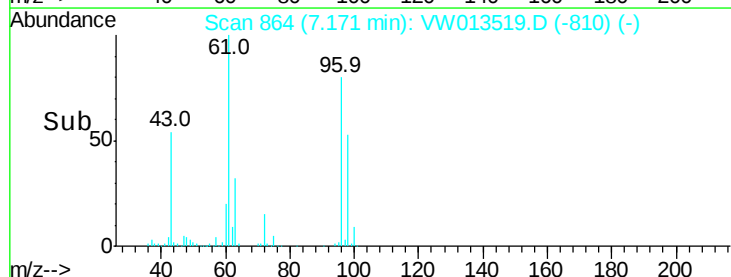
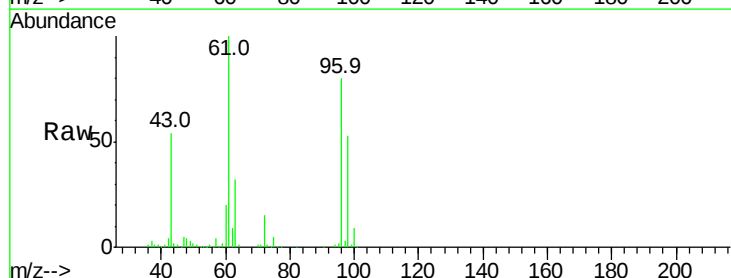
#19
1,1-Dichloroethane
Concen: 52.733 ug/L
RT: 6.21 min Scan# 707
Delta R.T. -0.00 min
Lab File: VW013519.D
Acq: 10 Oct 2019 12:31

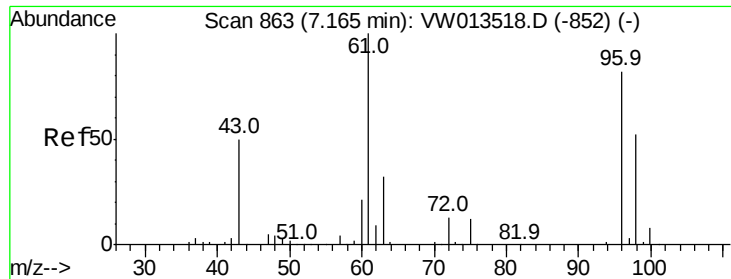
Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.7	21.6	40.0
83	13.5	9.0	16.6



#21
2-Butanone
Concen: 98.631 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW013519.D
Acq: 10 Oct 2019 12:31

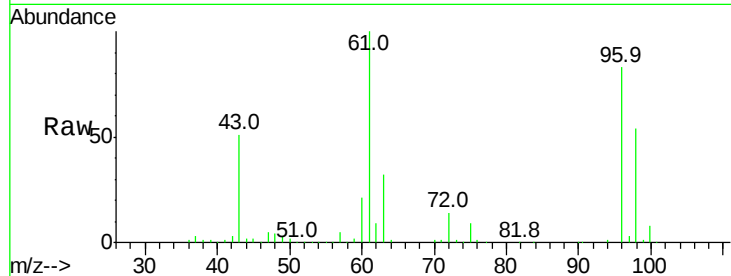
Tgt Ion	Ratio	Lower	Upper
43	100		
72	26.2	13.5	40.4



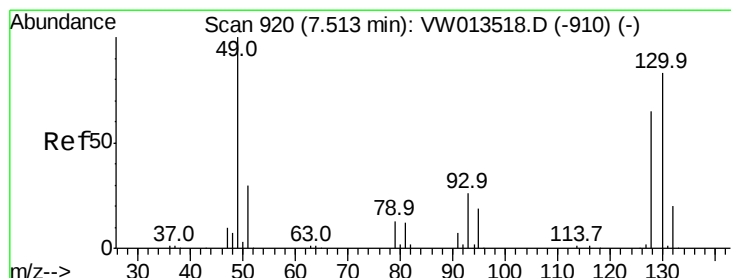
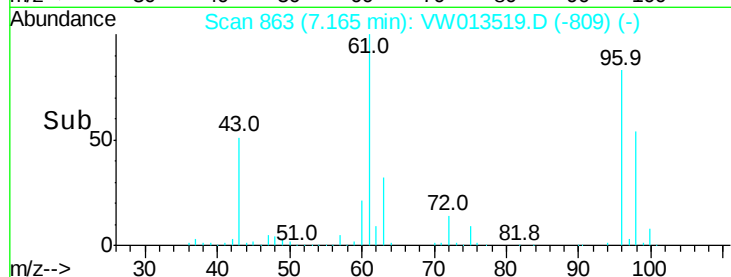
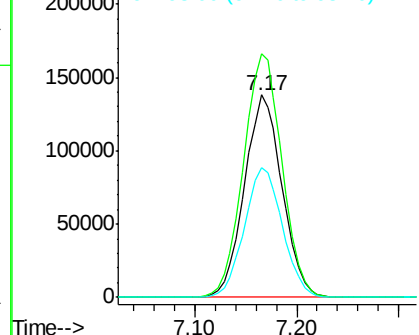


#22
 cis-1,2-Dichloroethene
 Concen: 54.042 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW013519.D
 Acq: 10 Oct 2019 12:31

Tgt Ion: 96 Resp: 353470
 Ion Ratio Lower Upper
 96 100
 61 120.4 86.0 159.8
 98 64.4 44.4 82.5

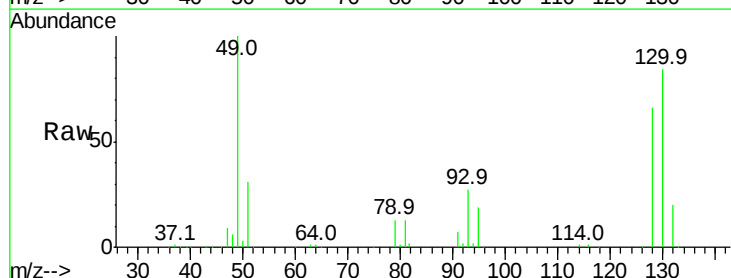


Abundance Ion 96.00 (95.70 to 96.70): VW
 Ion 61.00 (60.70 to 61.70): VW
 Ion 98.00 (97.70 to 98.70): VW

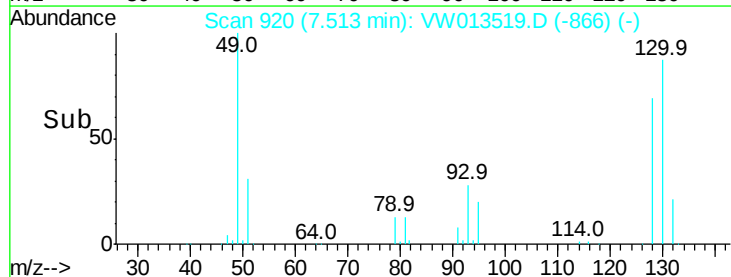
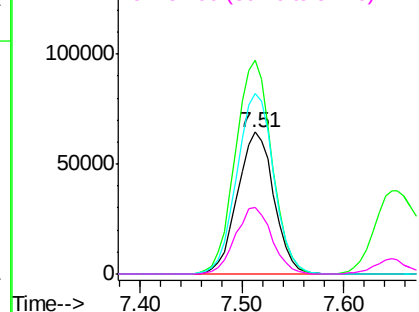


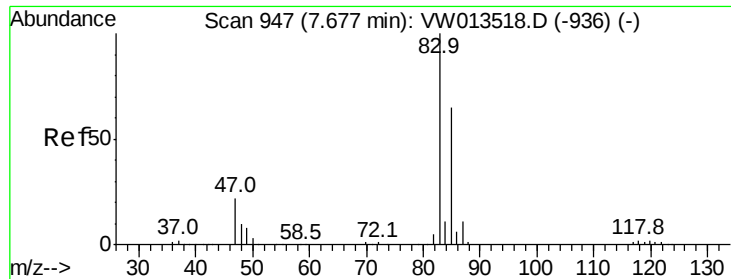
#23
 Bromochloromethane
 Concen: 54.389 ug/L
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW013519.D
 Acq: 10 Oct 2019 12:31

Tgt Ion: 128 Resp: 160080
 Ion Ratio Lower Upper
 128 100
 49 150.4 108.0 200.6
 130 127.0 89.4 166.0
 51 46.8 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: 52.431 ug/L

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW013519.D

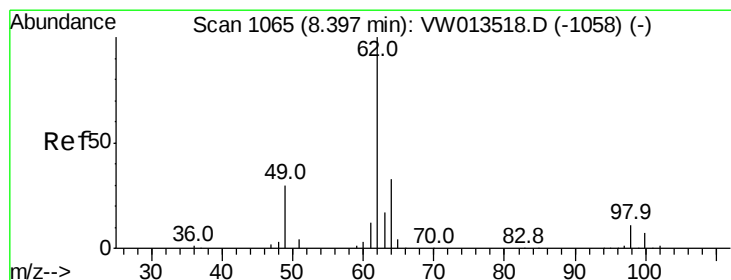
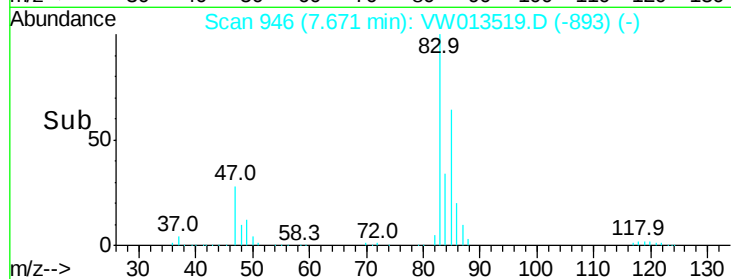
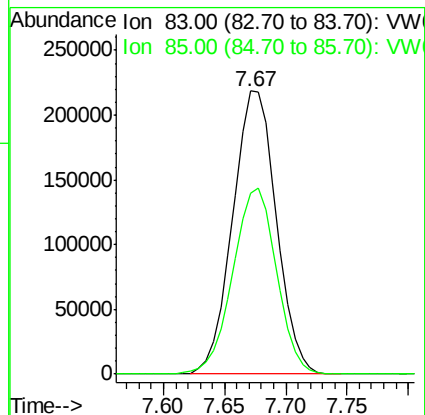
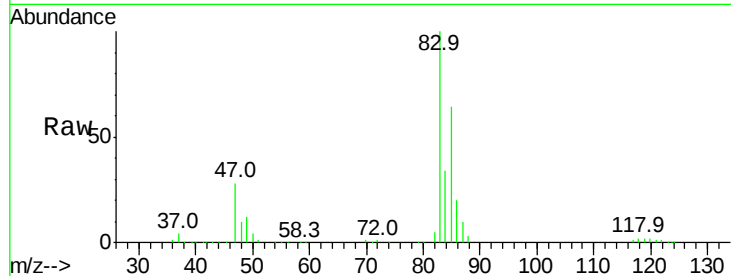
Acq: 10 Oct 2019 12:31

Tgt Ion: 83 Resp: 542508

Ion Ratio Lower Upper

83 100

85 65.8 46.1 85.5



#27

1,2-Dichloroethane

Concen: 51.949 ug/L

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW013519.D

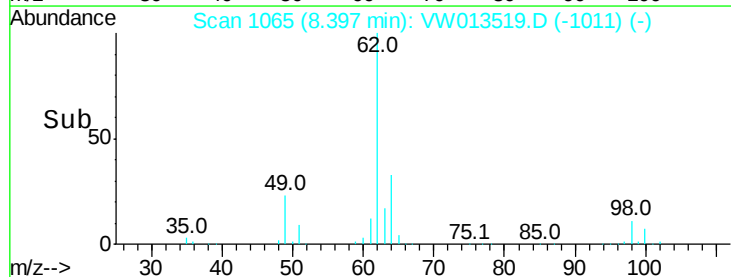
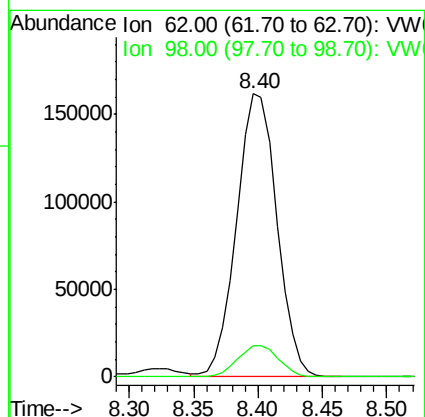
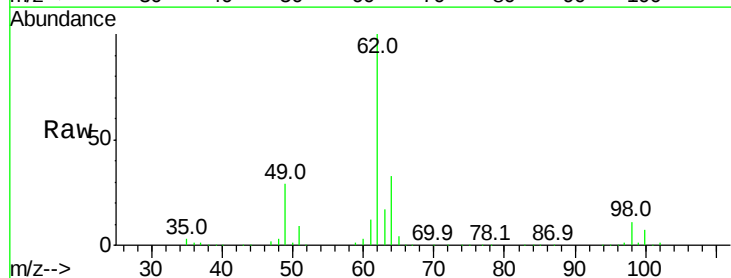
Acq: 10 Oct 2019 12:31

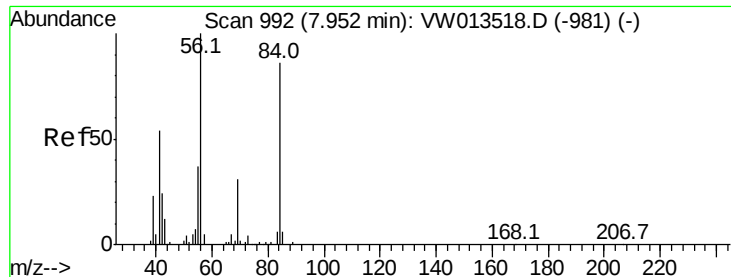
Tgt Ion: 62 Resp: 352022

Ion Ratio Lower Upper

62 100

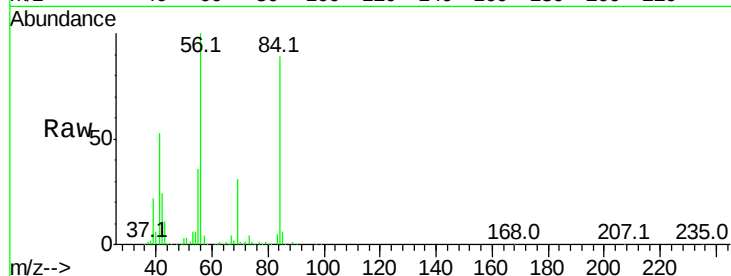
98 11.0 9.0 13.4



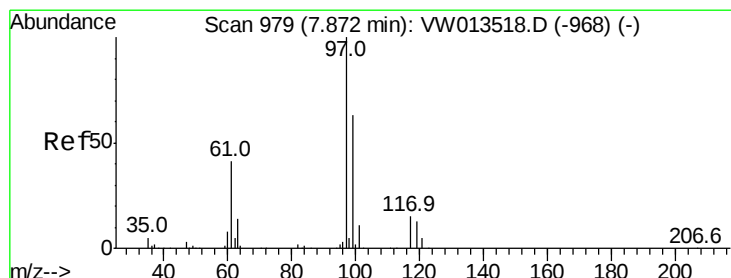
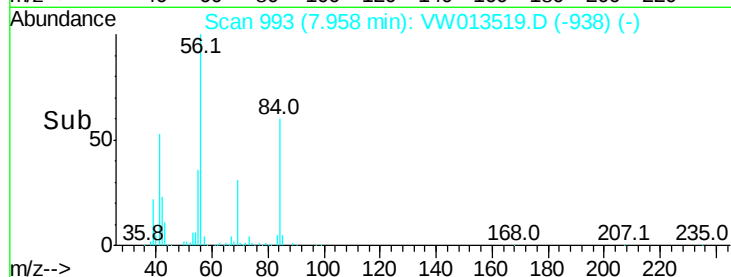
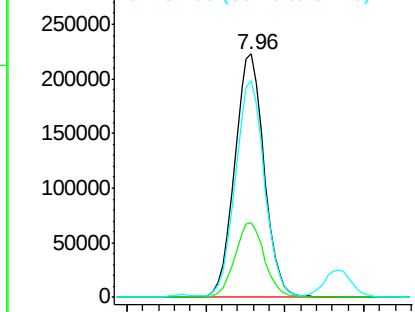


#30
Cyclohexane
Concen: 55.655 ug/L
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW013519.D
Acq: 10 Oct 2019 12:31

Tgt Ion: 56 Resp: 577373
Ion Ratio Lower Upper
56 100
69 30.8 24.7 37.1
84 88.5 70.4 105.6

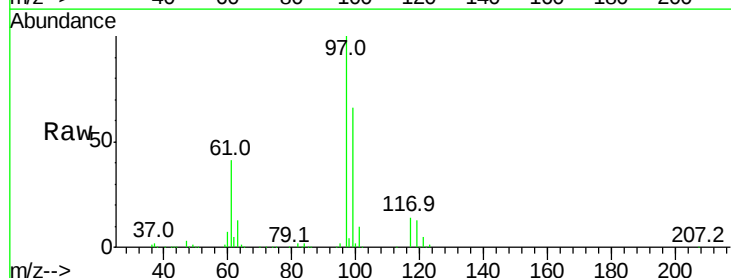


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

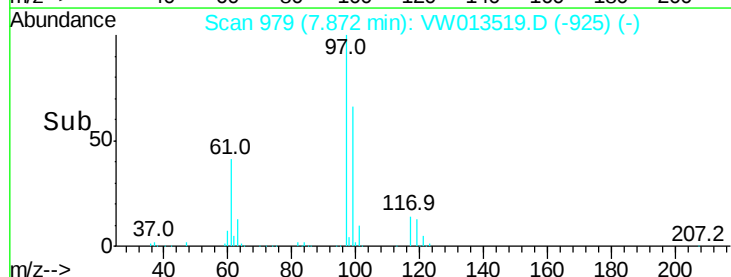
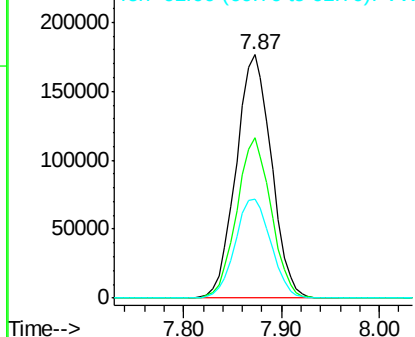


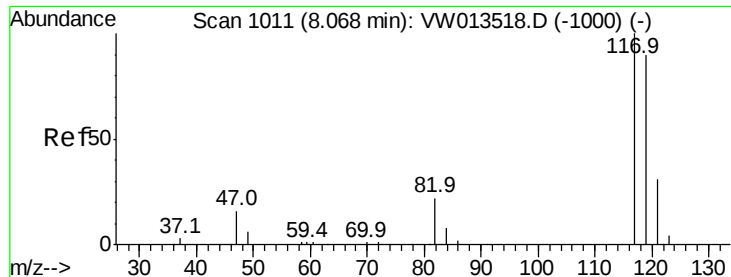
#31
1,1,1-Trichloroethane
Concen: 53.198 ug/L
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW013519.D
Acq: 10 Oct 2019 12:31

Tgt Ion: 97 Resp: 441037
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.8
61 41.5 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: 53.740 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW013519.D

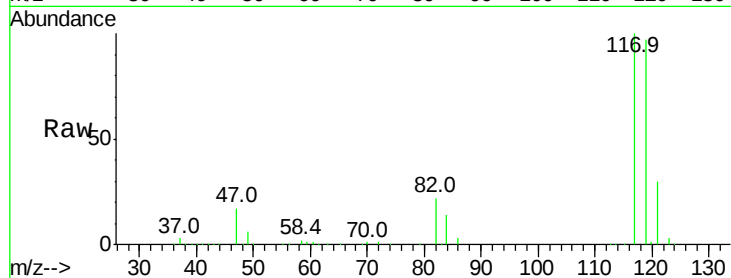
Acq: 10 Oct 2019 12:31

Tgt Ion: 117 Resp: 424808

Ion Ratio Lower Upper

117 100

119 97.0 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

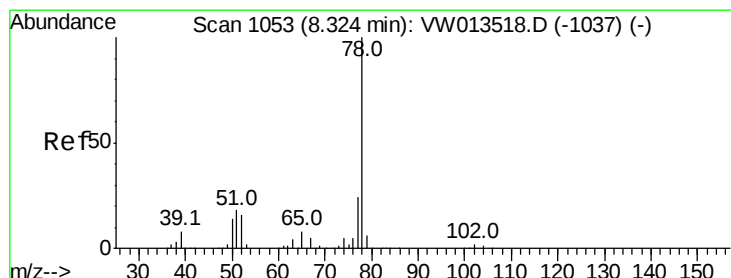
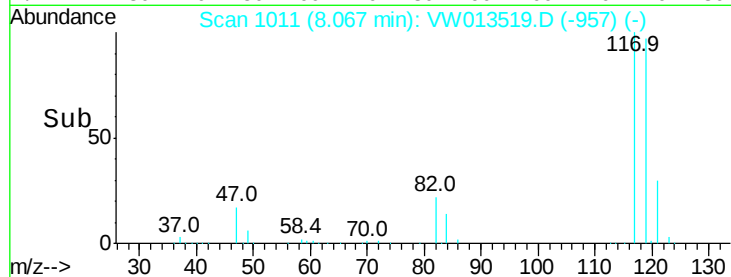
150000

100000

50000

0

Time-->



#34

Benzene

Concen: 54.014 ug/L

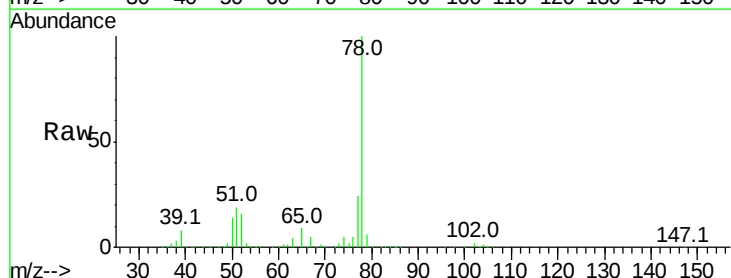
RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW013519.D

Acq: 10 Oct 2019 12:31

Tgt Ion: 78 Resp: 1308006



Abundance Ion 78.00 (77.70 to 78.70): VW

8.32

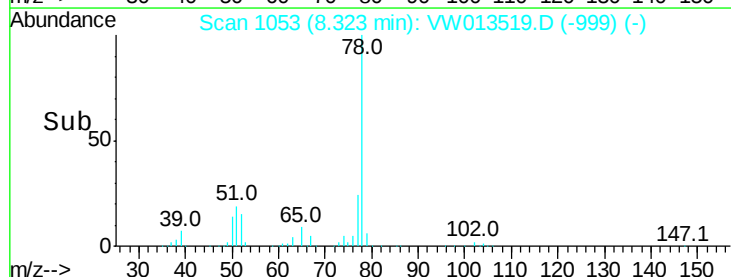
600000

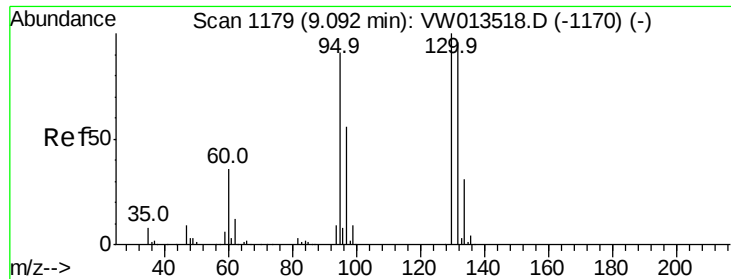
400000

200000

0

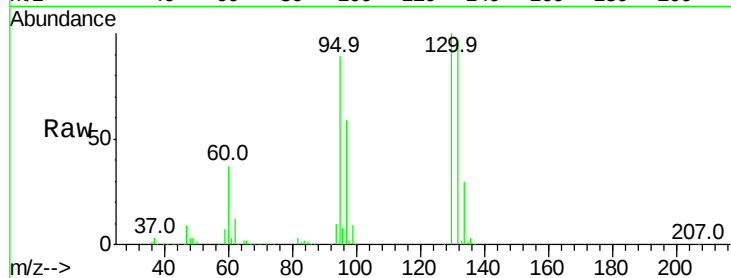
Time-->



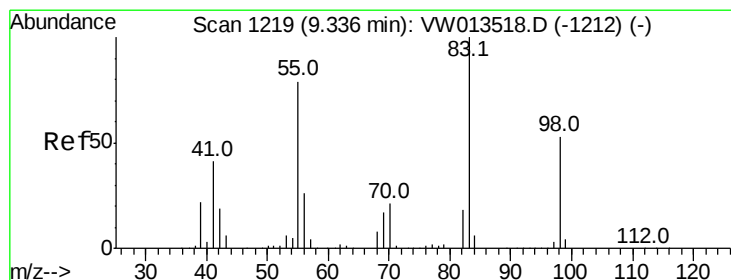
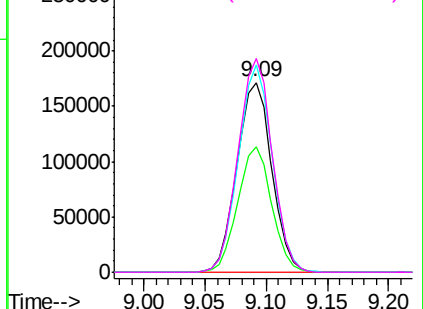
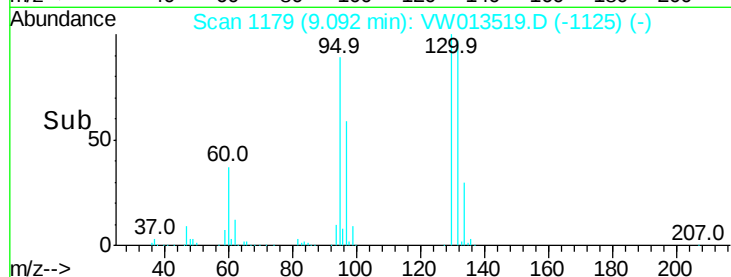


#35
 Trichloroethene
 Concen: 53.352 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW013519.D
 Acq: 10 Oct 2019 12:31

Tgt Ion	95	Resp	339419
Ion Ratio	Lower	Upper	
95	100		
97	64.4	45.1	83.7
132	105.9	73.6	136.8
130	110.7	76.3	141.7

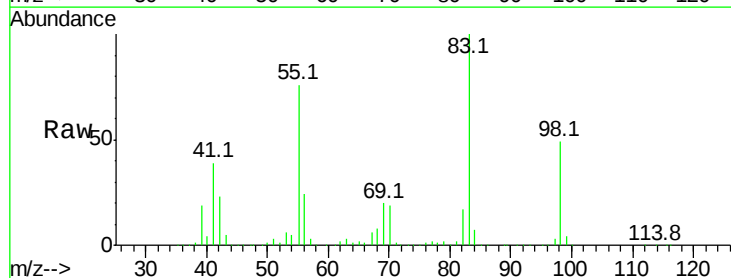


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

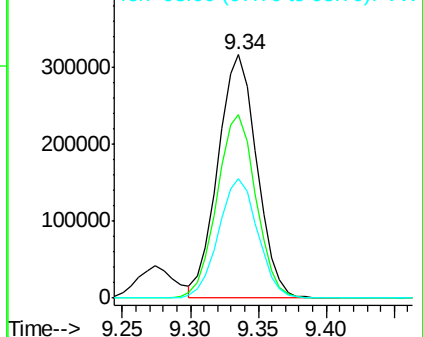
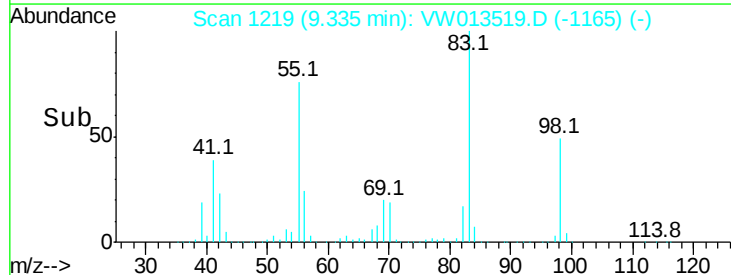


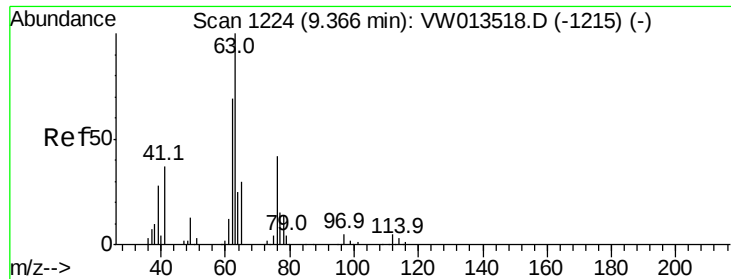
#36
 Methylcyclohexane
 Concen: 55.612 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: VW013519.D
 Acq: 10 Oct 2019 12:31

Tgt Ion	83	Resp	630252
Ion Ratio	Lower	Upper	
83	100		
55	75.1	60.4	90.6
98	49.3	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: 53.426 ug/L

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW013519.D

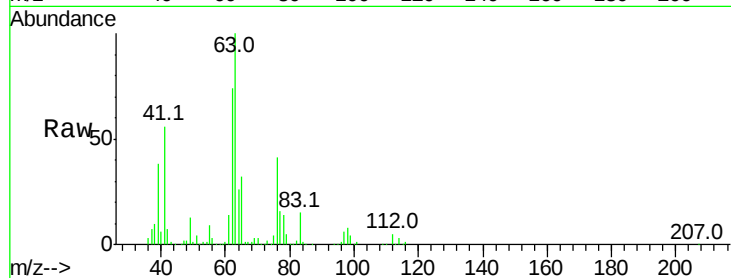
Acq: 10 Oct 2019 12:31

Tgt Ion: 63 Resp: 318299

Ion Ratio Lower Upper

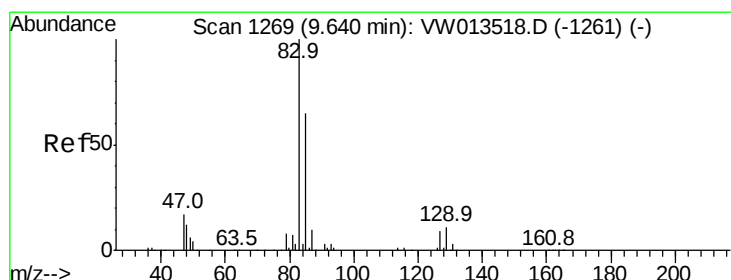
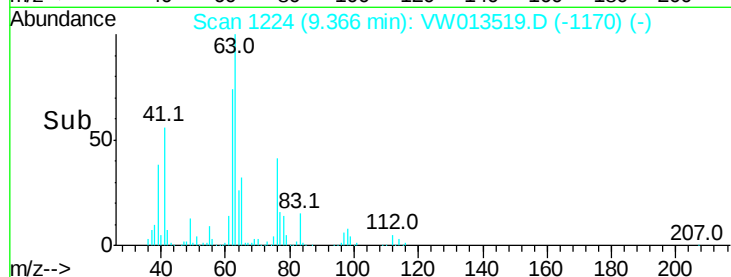
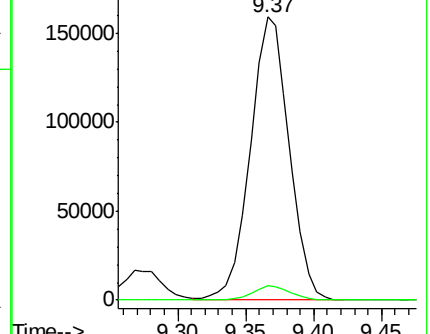
63 100

112 5.0 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: 54.506 ug/L

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW013519.D

Acq: 10 Oct 2019 12:31

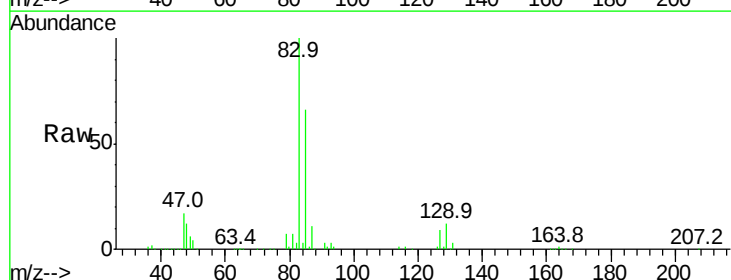
Tgt Ion: 83 Resp: 398435

Ion Ratio Lower Upper

83 100

85 65.5 45.1 83.9

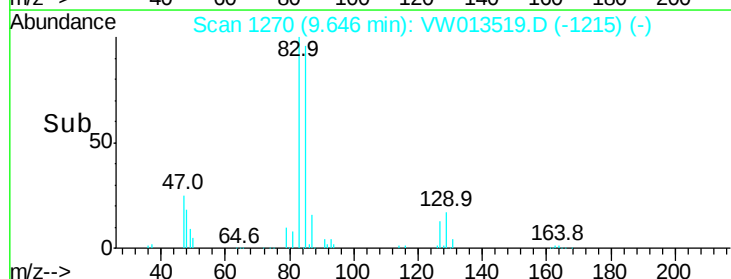
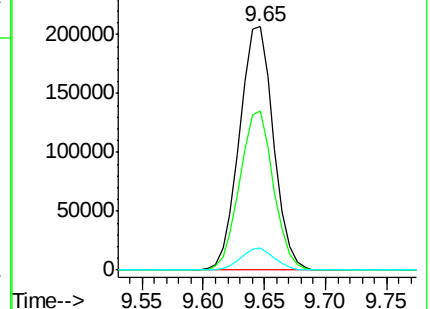
127 8.9 7.1 10.7

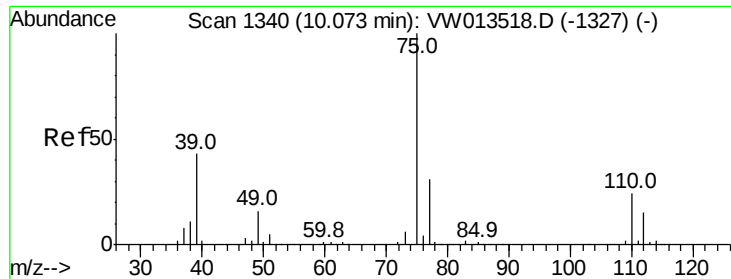


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): V

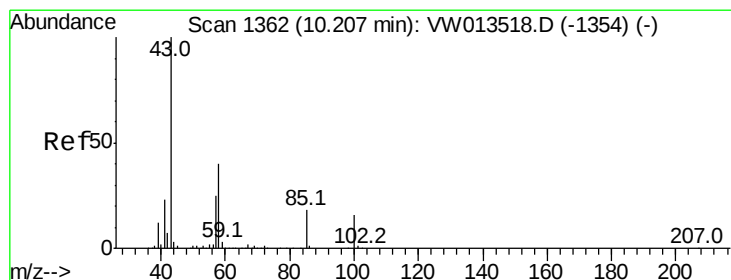
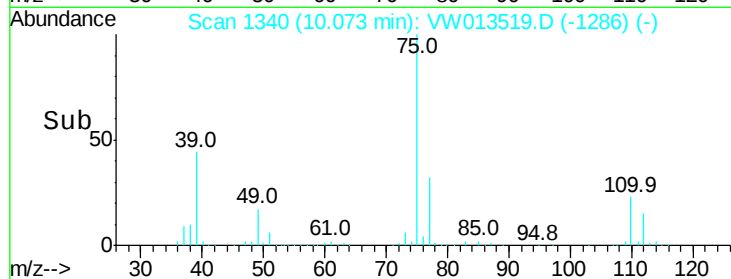
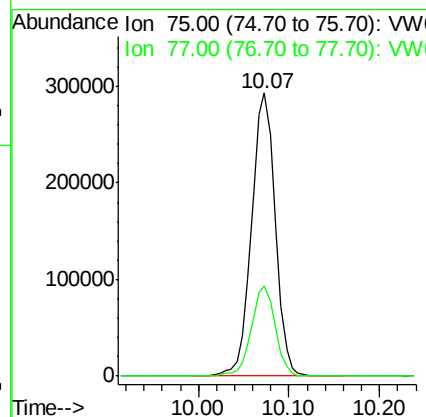
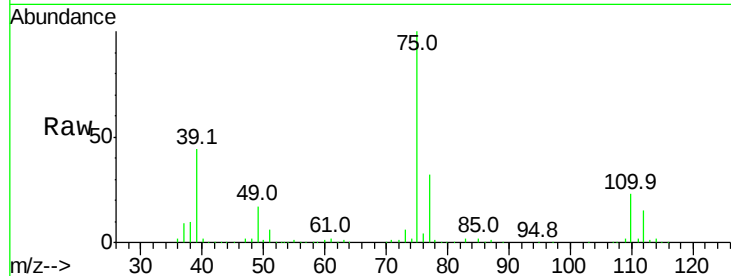




#42

cis-1,3-Dichloropropene
 Concen: 55.852 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW013519.D
 Acq: 10 Oct 2019 12:31

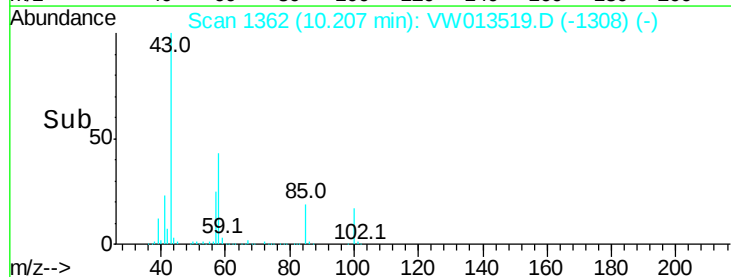
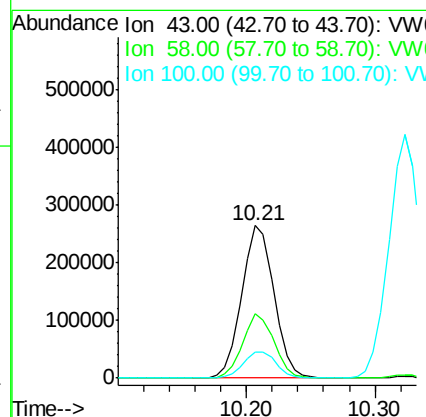
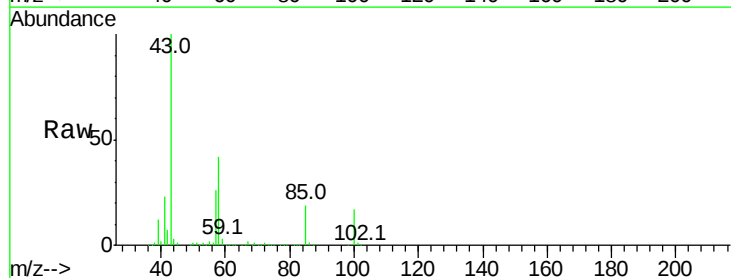
Tgt Ion: 75 Resp: 531528
 Ion Ratio Lower Upper
 75 100
 77 31.7 21.6 40.2

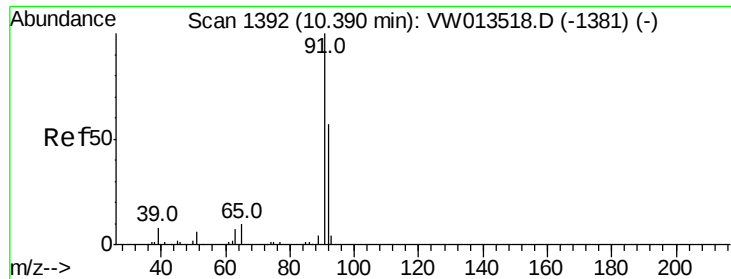


#43

4-Methyl-2-pentanone
 Concen: 100.350 ug/L
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW013519.D
 Acq: 10 Oct 2019 12:31

Tgt Ion: 43 Resp: 457691
 Ion Ratio Lower Upper
 43 100
 58 40.9 32.0 48.0
 100 17.5 13.7 20.5





#44

Toluene

Concen: 54.102 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW013519.D

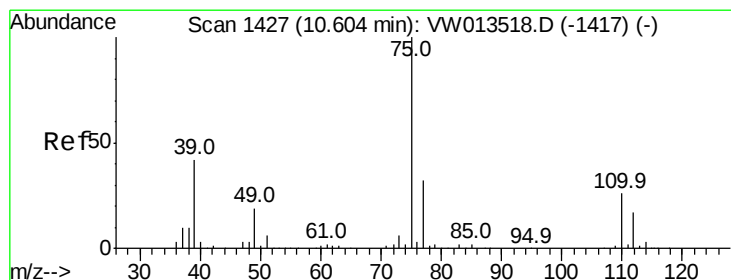
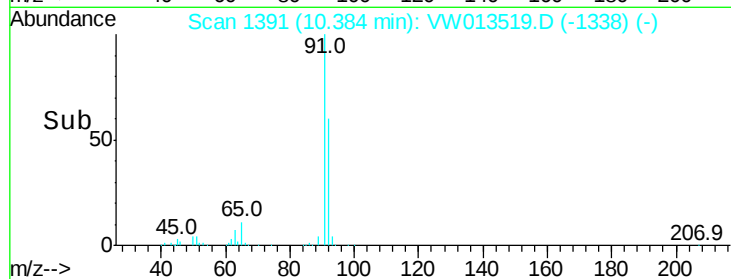
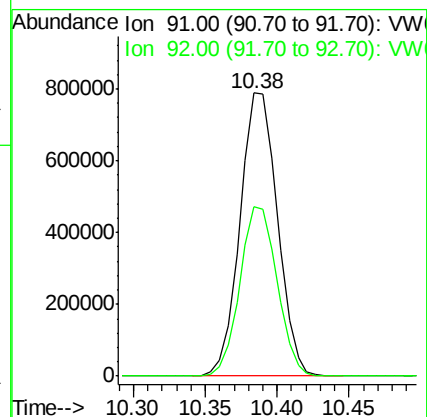
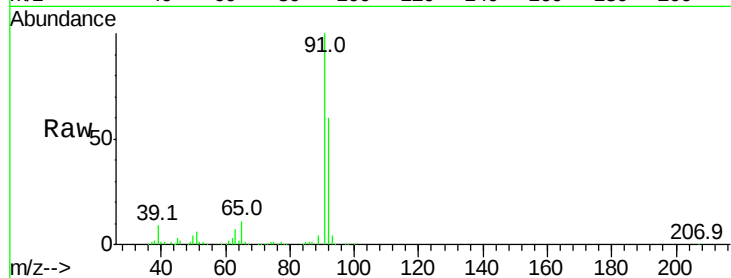
Acq: 10 Oct 2019 12:31

Tgt Ion: 91 Resp: 1426402

Ion Ratio Lower Upper

91 100

92 60.0 40.0 74.4



#45

trans-1,3-Dichloropropene

Concen: 55.355 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW013519.D

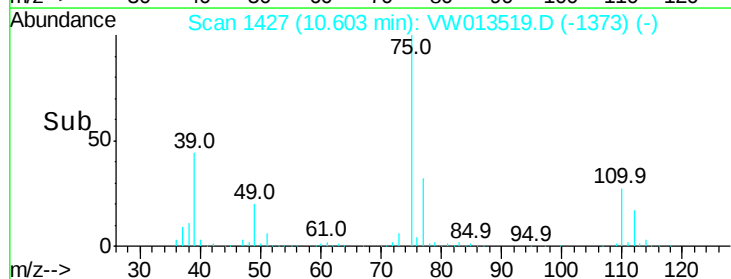
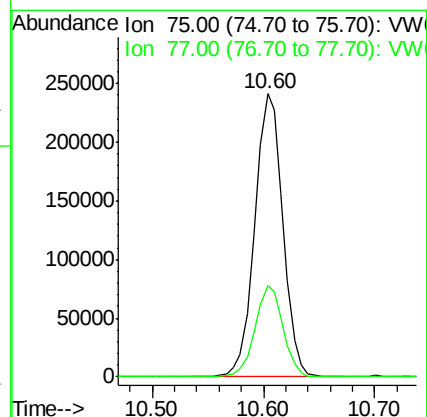
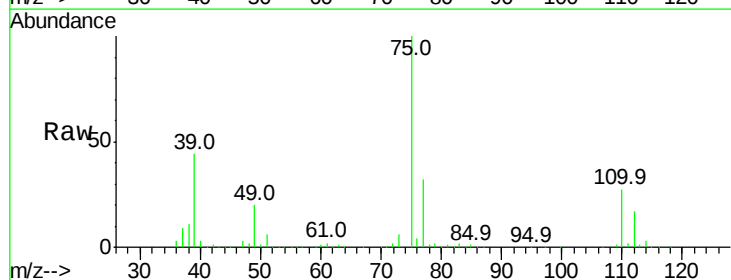
Acq: 10 Oct 2019 12:31

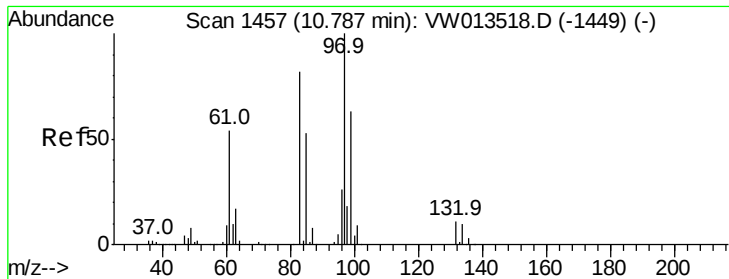
Tgt Ion: 75 Resp: 423432

Ion Ratio Lower Upper

75 100

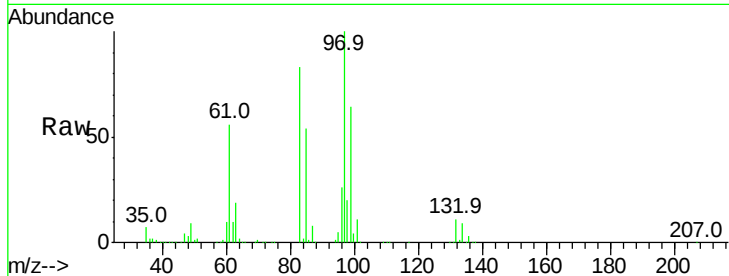
77 32.1 23.0 42.6





#46
 1,1,2-Trichloroethane
 Concen: 52.717 ug/L
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013519.D
 Acq: 10 Oct 2019 12:31

Tgt Ion:	97	Resp:	246089
Ion	Ratio	Lower	Upper
97	100		
83	82.6	57.5	106.9
85	53.8	36.8	68.4
99	63.7	44.0	81.6



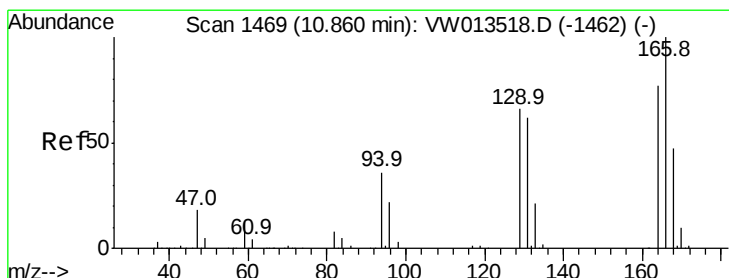
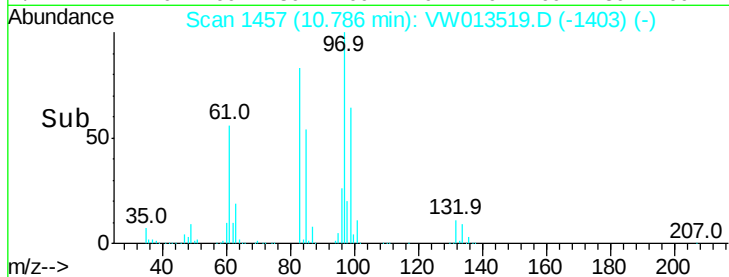
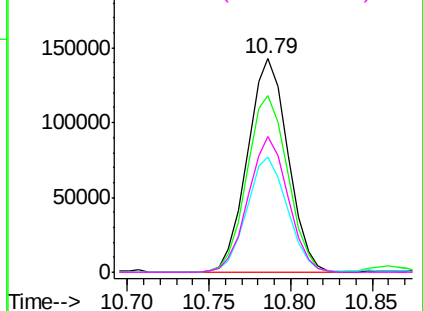
Abundance

Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

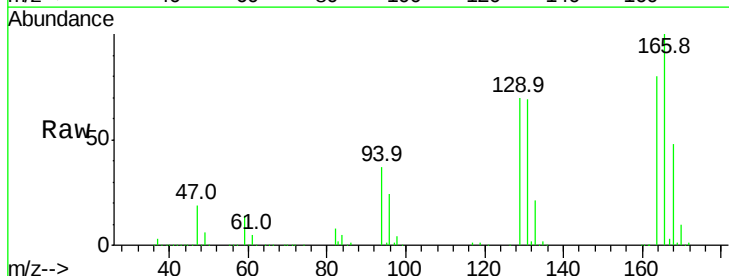
Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



#47
 Tetrachloroethene
 Concen: 54.633 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VW013519.D
 Acq: 10 Oct 2019 12:31

Tgt Ion:	164	Resp:	312745
Ion	Ratio	Lower	Upper
164	100		
129	87.7	60.2	111.8
131	86.3	57.0	105.9
166	125.7	91.2	169.4



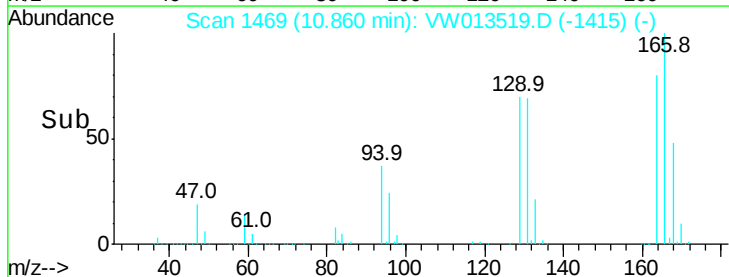
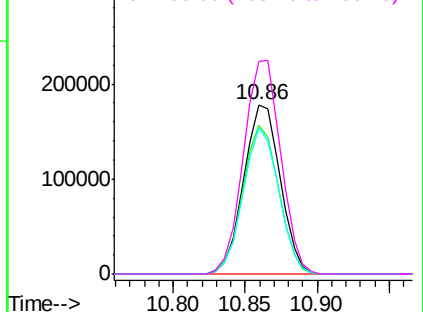
Abundance

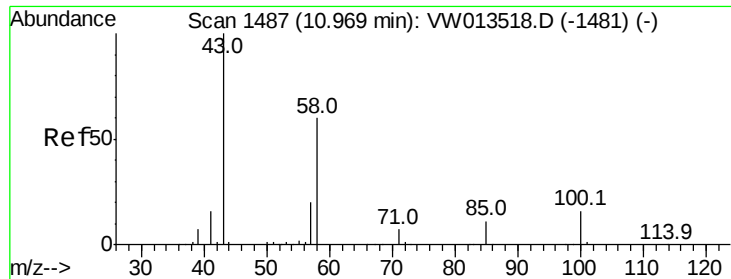
Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#49

2-Hexanone

Concen: 104.325 ug/L

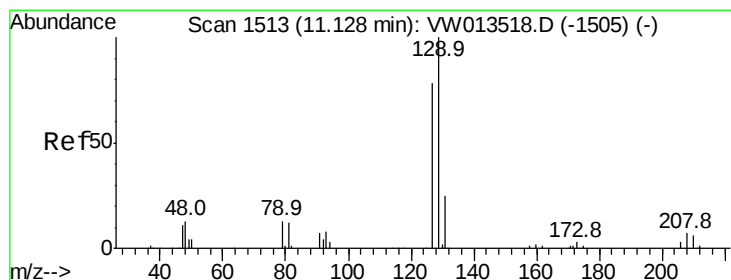
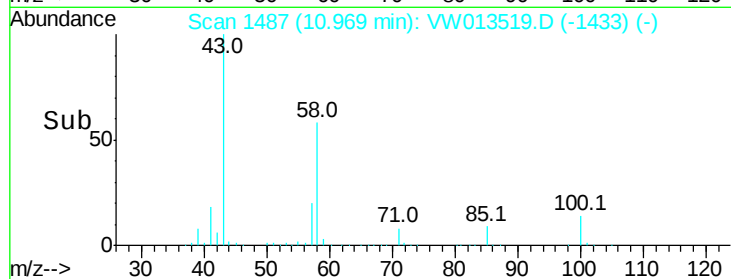
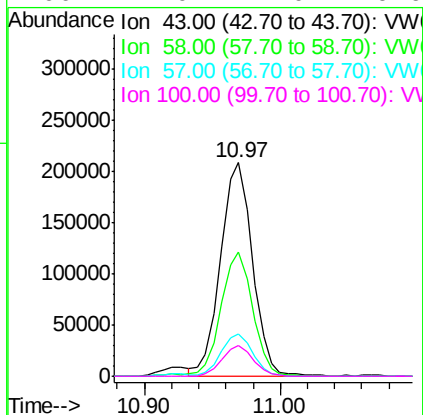
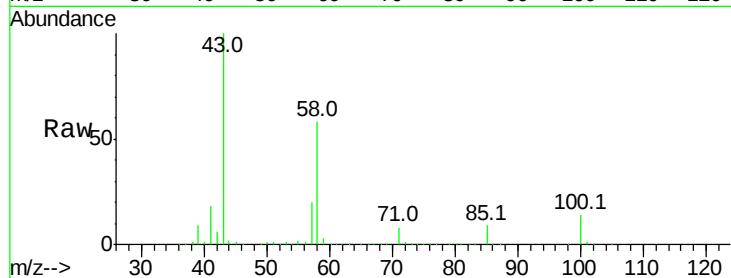
RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW013519.D

Acq: 10 Oct 2019 12:31

Tgt Ion:	43	Resp:	342027
Ion	Ratio	Lower	Upper
43	100		
58	57.3	45.2	67.8
57	19.5	15.8	23.8
100	14.0	11.0	16.6



#50

Dibromochloromethane

Concen: 55.055 ug/L

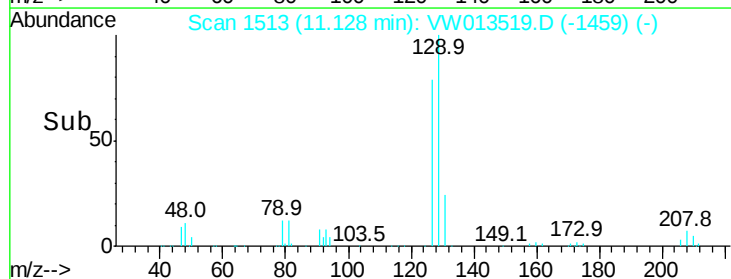
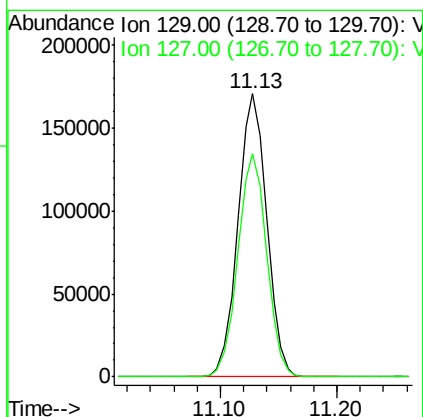
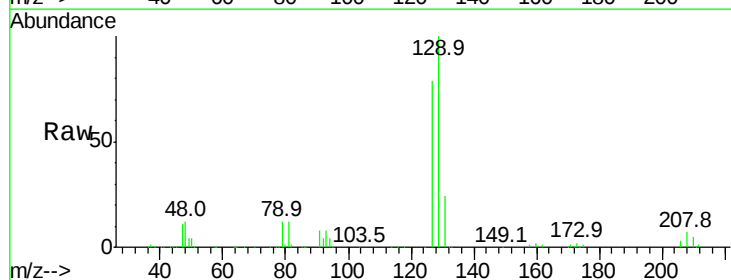
RT: 11.13 min Scan# 1513

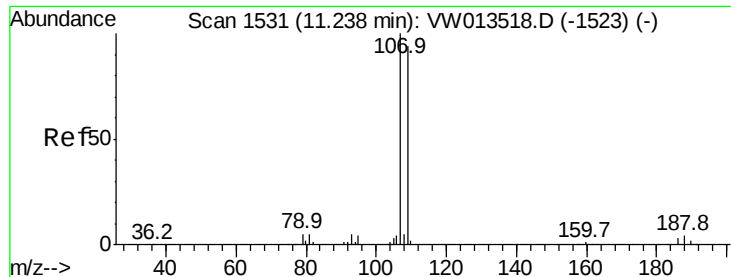
Delta R.T. -0.00 min

Lab File: VW013519.D

Acq: 10 Oct 2019 12:31

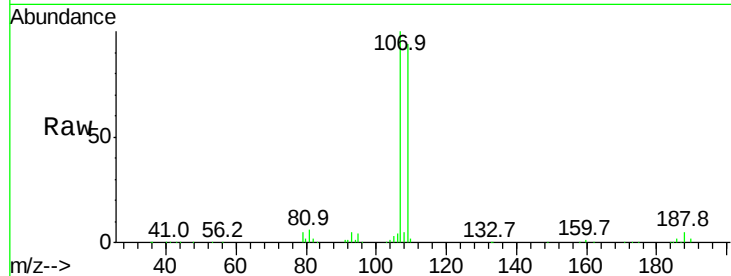
Tgt Ion:	129	Resp:	294785
Ion	Ratio	Lower	Upper
129	100		
127	78.8	54.7	101.5



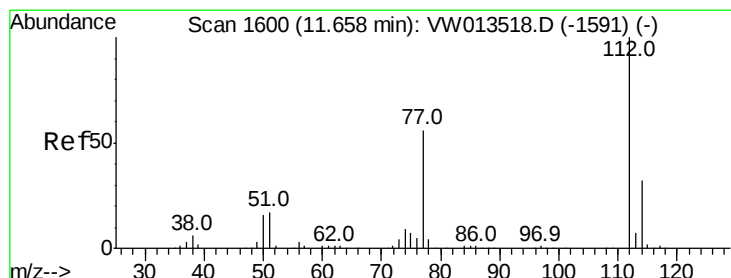
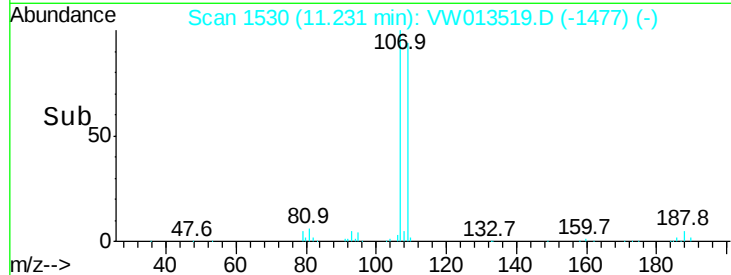
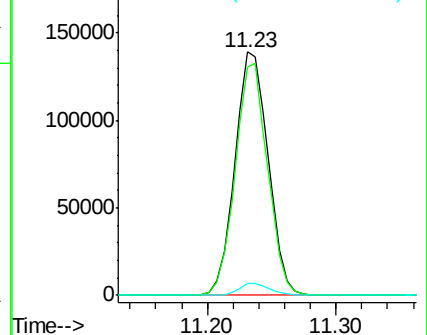


#51
1,2-Dibromoethane
Concen: 54.230 ug/L
RT: 11.23 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VW013519.D
Acq: 10 Oct 2019 12:31

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.6	65.5	121.7
188	4.7	3.6	5.4

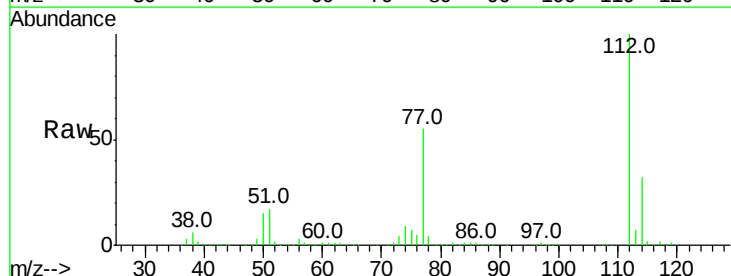


Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V

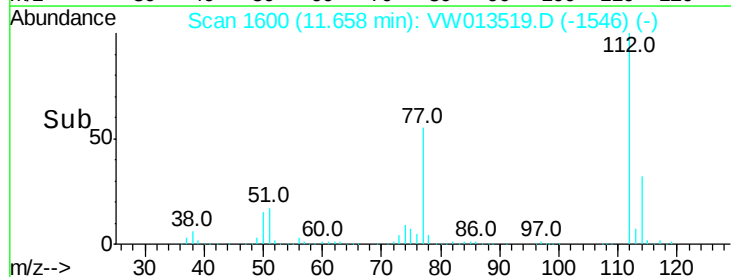
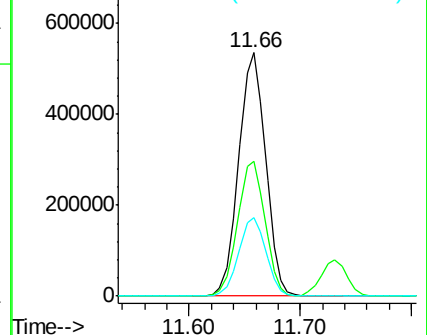


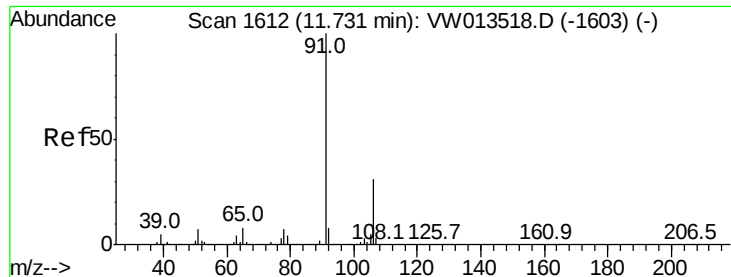
#52
Chlorobenzene
Concen: 54.090 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013519.D
Acq: 10 Oct 2019 12:31

Tgt Ion	Ratio	Lower	Upper
112	100		
77	55.5	44.5	66.7
114	32.1	22.7	42.3



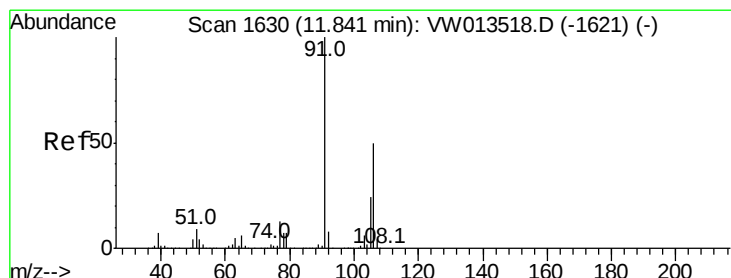
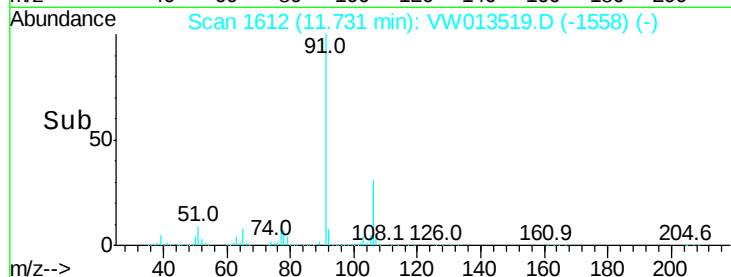
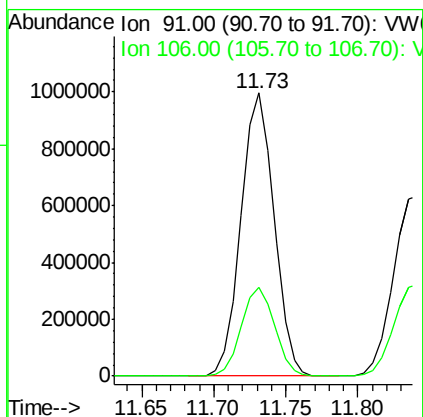
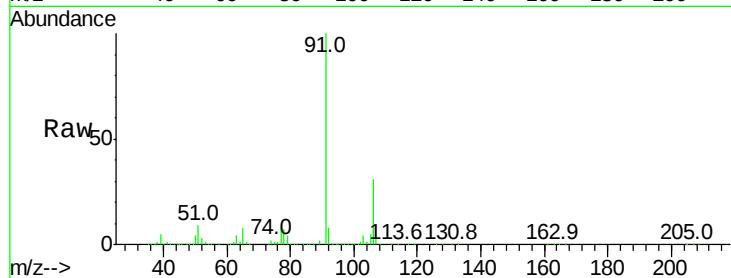
Abundance Ion 112.00 (111.70 to 112.70): V
Ion 77.00 (76.70 to 77.70): V
Ion 114.00 (113.70 to 114.70): V





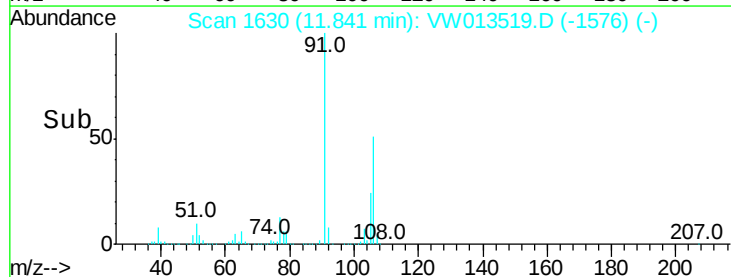
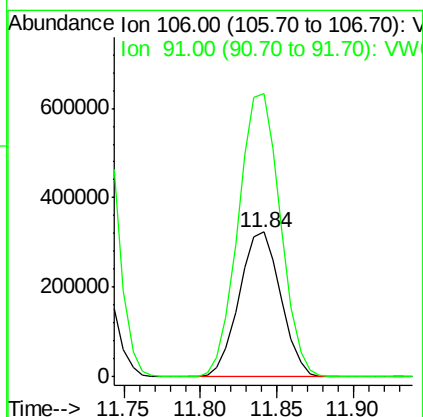
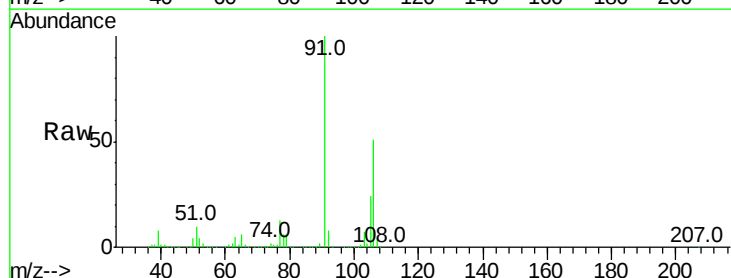
#53
Ethylbenzene
Concen: 54.445 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013519.D
Acq: 10 Oct 2019 12:31

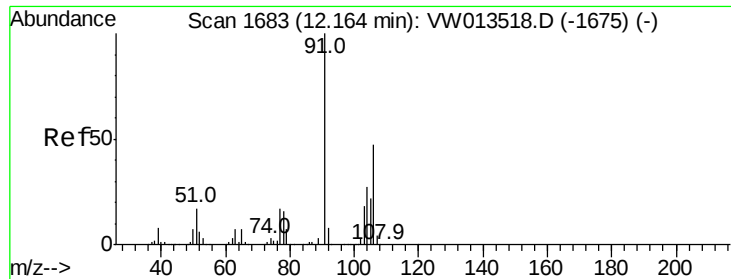
Tgt Ion: 91 Resp: 1591186
Ion Ratio Lower Upper
91 100
106 31.2 21.5 39.9



#54
m,p-Xylene
Concen: 54.504 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW013519.D
Acq: 10 Oct 2019 12:31

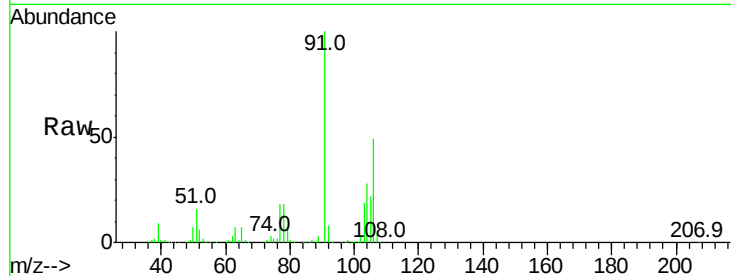
Tgt Ion: 106 Resp: 611624
Ion Ratio Lower Upper
106 100
91 195.8 139.4 258.8



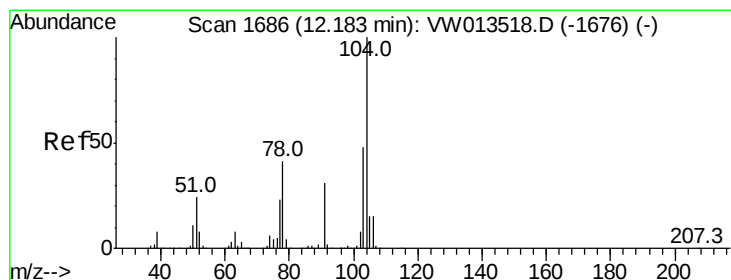
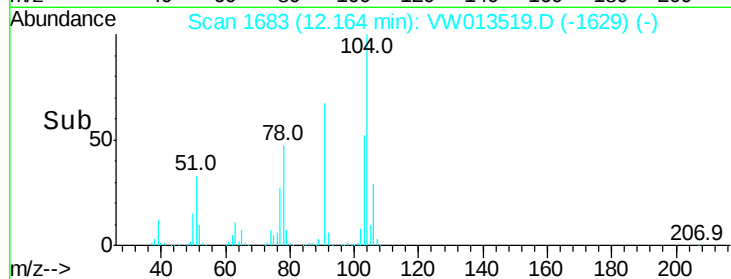
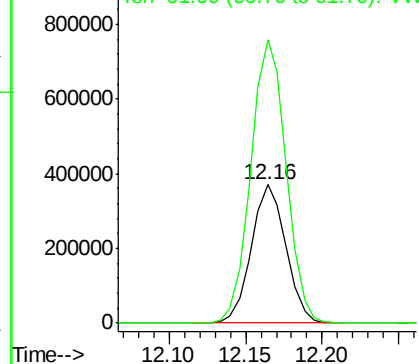


#55
o-xylene
Concen: 54.936 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013519.D
Acq: 10 Oct 2019 12:31

Tgt Ion:106 Resp: 581738
Ion Ratio Lower Upper
106 100
91 204.6 148.4 275.6

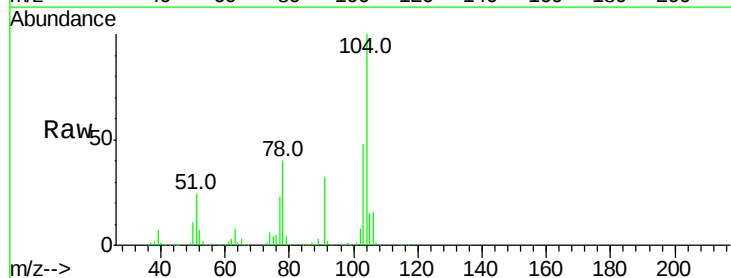


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

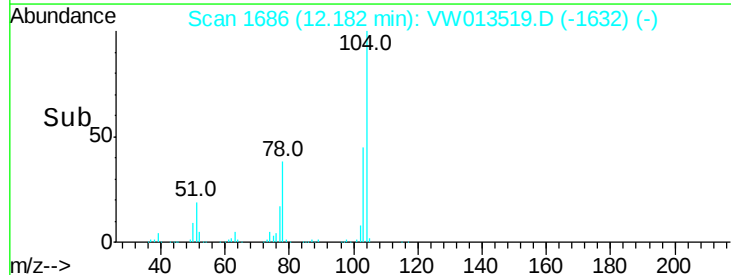
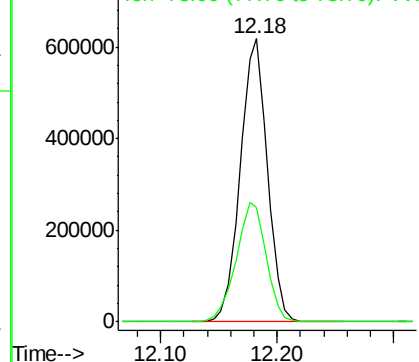


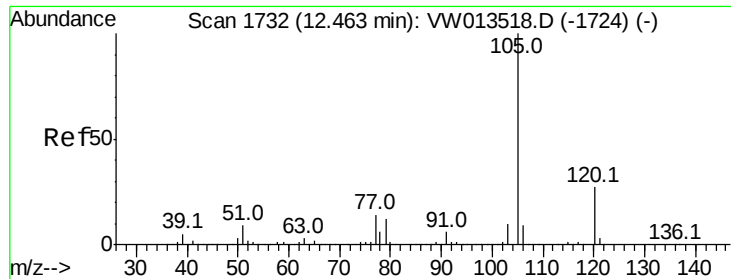
#56
Styrene
Concen: 55.082 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW013519.D
Acq: 10 Oct 2019 12:31

Tgt Ion:104 Resp: 1000110
Ion Ratio Lower Upper
104 100
78 40.4 28.4 52.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW





#57

Isopropylbenzene

Concen: 54.814 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013519.D

Acq: 10 Oct 2019 12:31

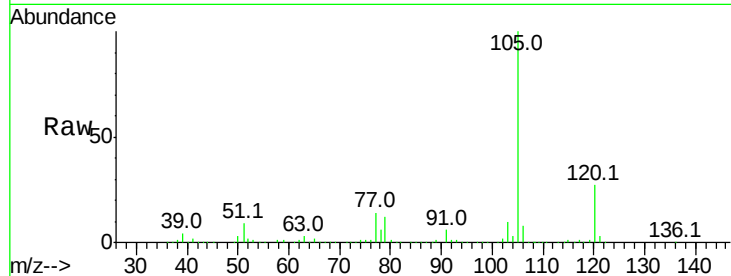
Tgt Ion: 105 Resp: 1569518

Ion Ratio Lower Upper

105 100

120 26.9 21.7 32.5

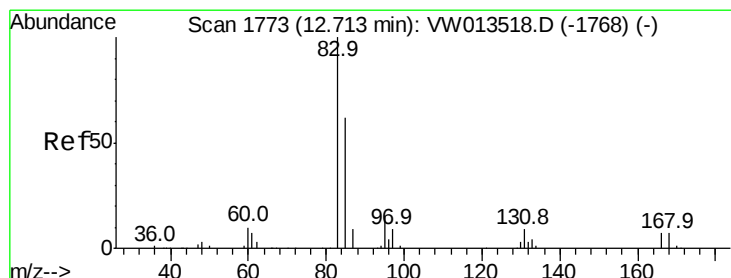
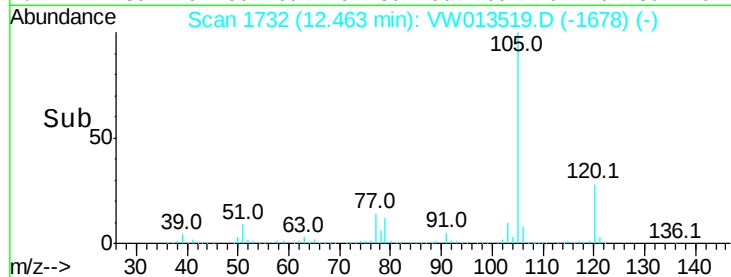
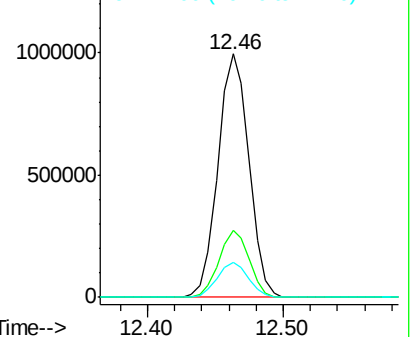
77 14.5 11.8 17.6



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: 52.217 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013519.D

Acq: 10 Oct 2019 12:31

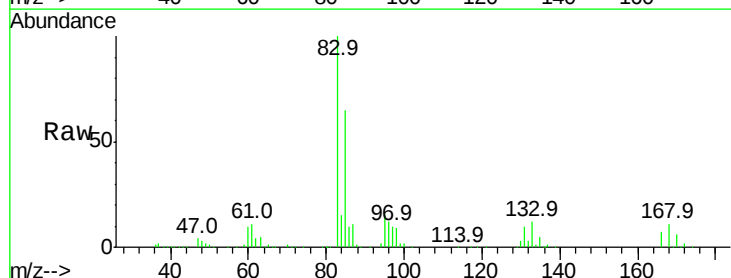
Tgt Ion: 83 Resp: 300293

Ion Ratio Lower Upper

83 100

85 64.8 44.7 83.1

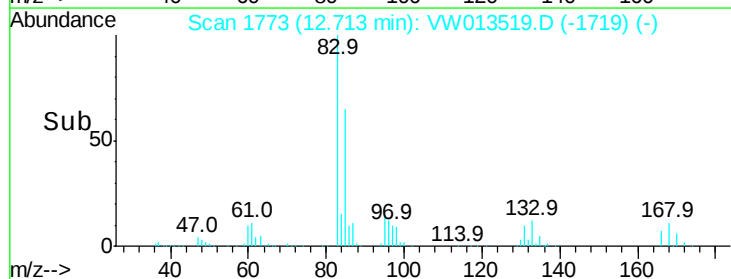
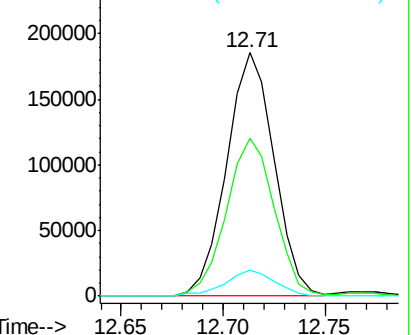
131 10.4 7.8 11.6

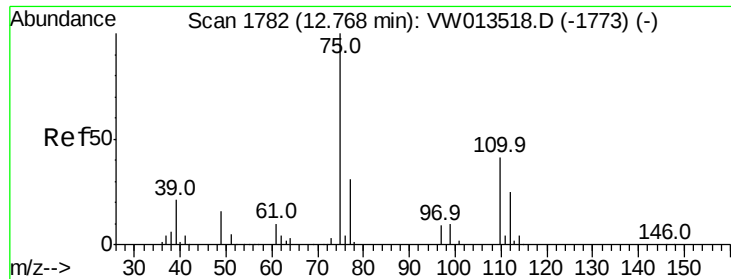


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

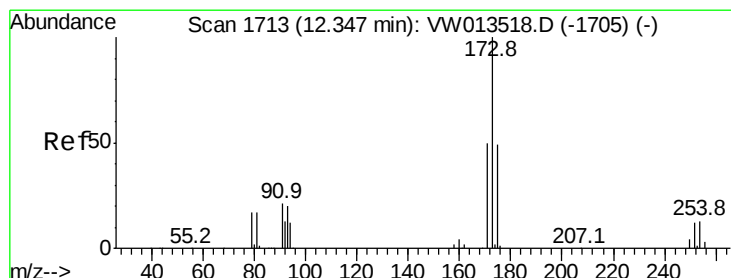
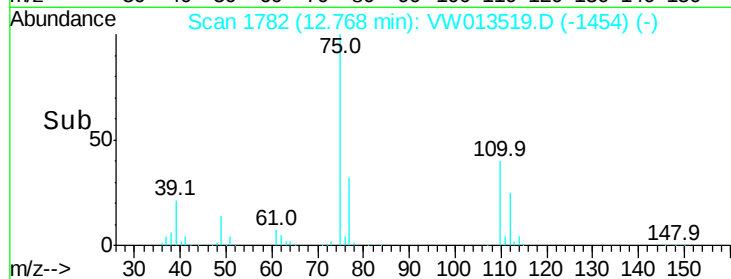
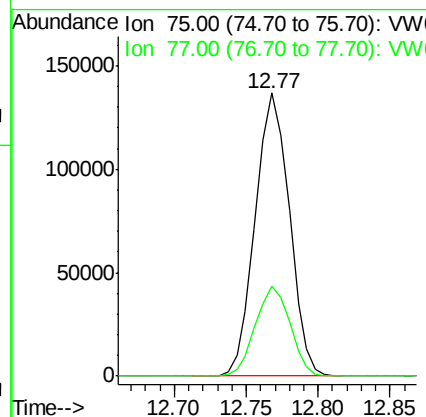
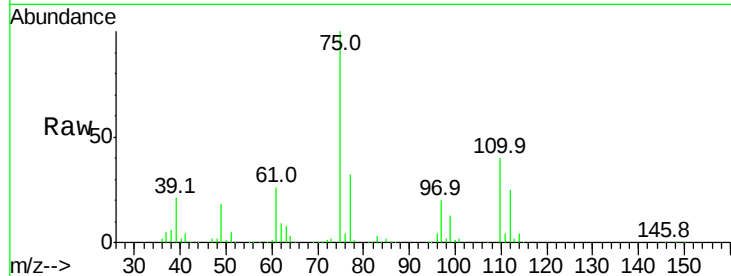
Ion 131.00 (130.70 to 131.70): V





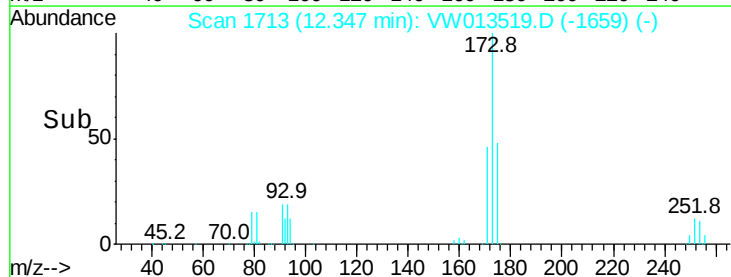
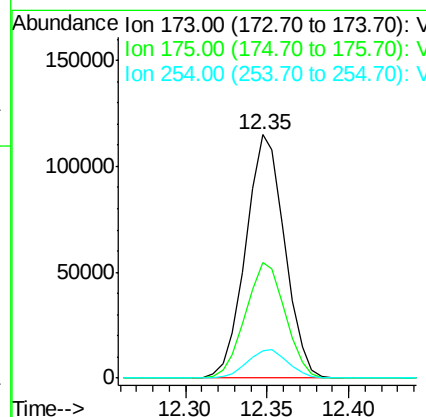
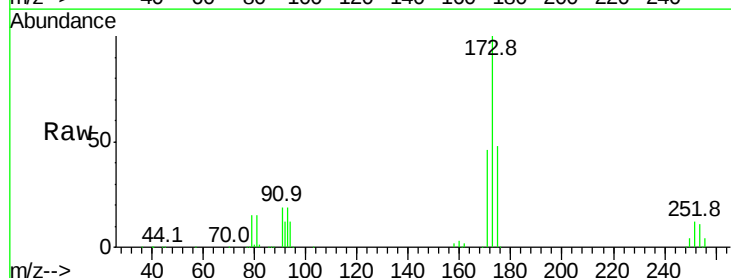
#59
 1,2,3-Trichloropropane
 Concen: 52.337 ug/L
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW013519.D
 Acq: 10 Oct 2019 12:31

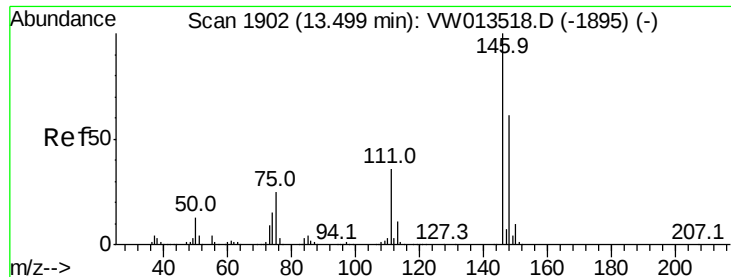
Tgt Ion: 75 Resp: 224602
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.5 38.3



#62
 Bromoform
 Concen: 54.231 ug/L
 RT: 12.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: VW013519.D
 Acq: 10 Oct 2019 12:31

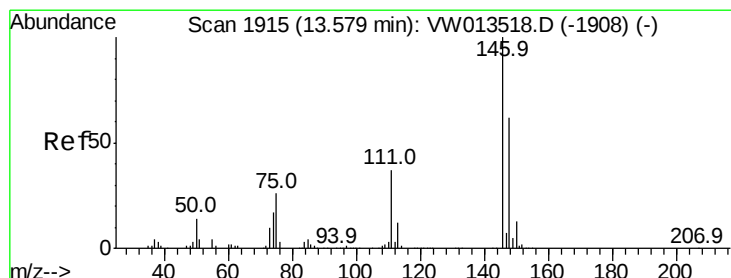
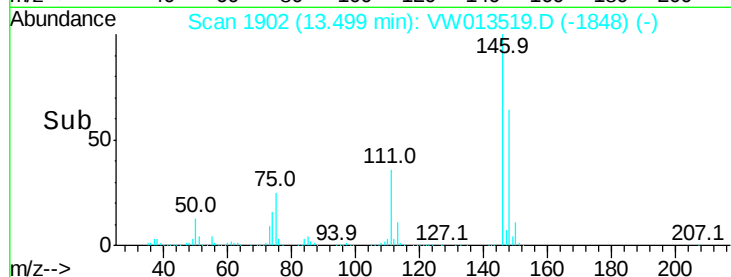
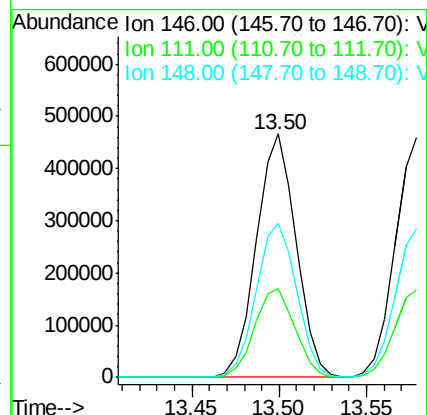
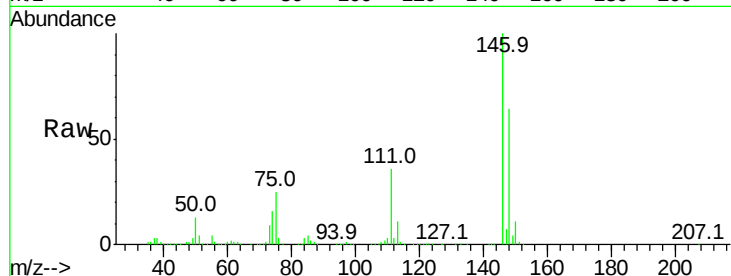
Tgt Ion: 173 Resp: 191105
 Ion Ratio Lower Upper
 173 100
 175 48.8 39.0 58.6
 254 12.1 10.1 15.1





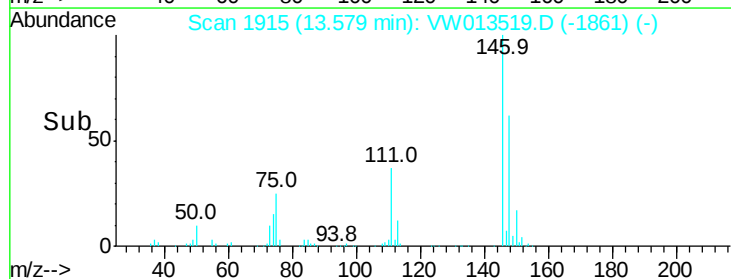
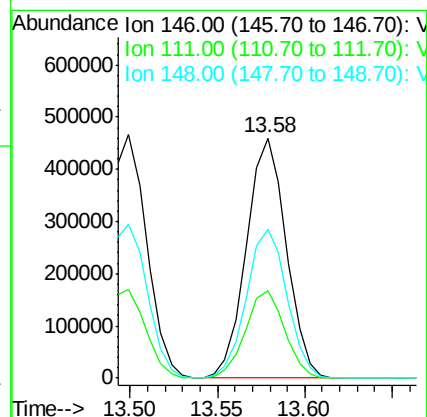
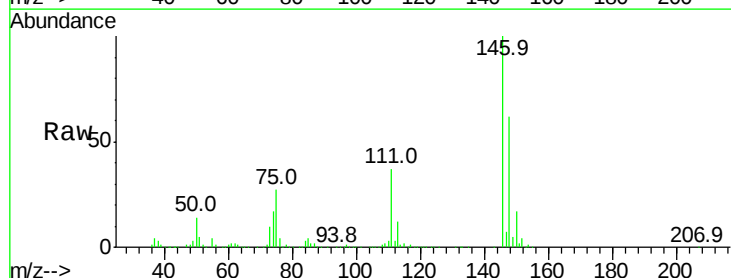
#63
 1,3-Dichlorobenzene
 Concen: 53.569 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013519.D
 Acq: 10 Oct 2019 12:31

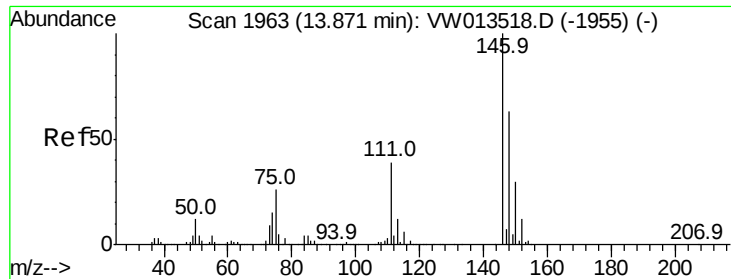
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	25.3	46.9
148	63.5	42.8	79.4



#64
 1,4-Dichlorobenzene
 Concen: 52.686 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW013519.D
 Acq: 10 Oct 2019 12:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	25.8	47.8
148	62.0	43.7	81.1





#65

1,2-Dichlorobenzene

Concen: 52.918 ug/L

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW013519.D

Acq: 10 Oct 2019 12:31

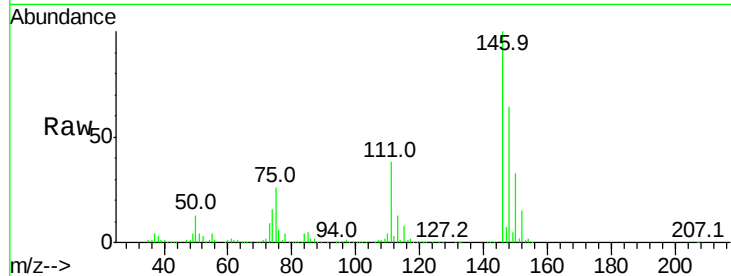
Tgt Ion: 146 Resp: 659949

Ion Ratio Lower Upper

146 100

111 37.9 31.0 46.4

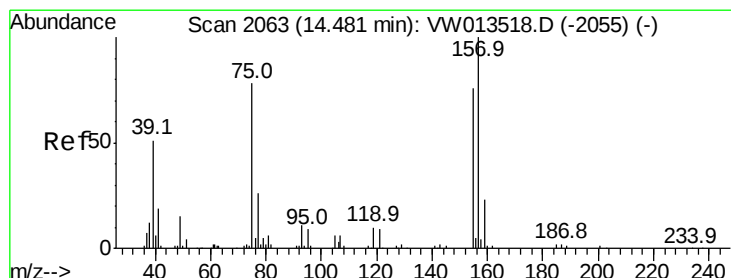
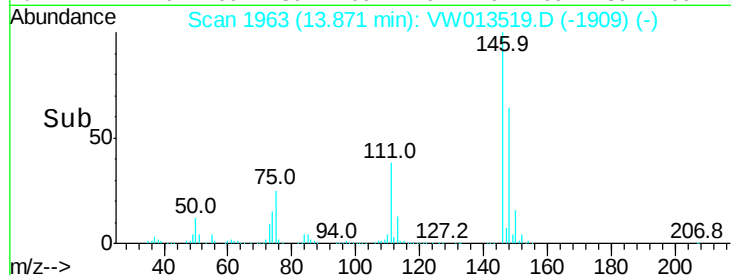
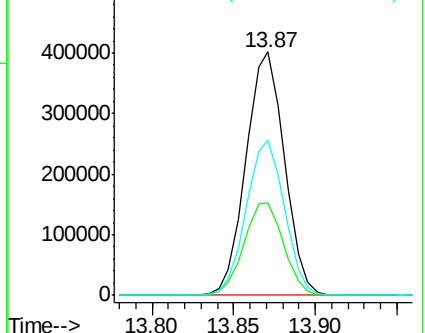
148 63.8 50.3 75.5



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: 49.435 ug/L

RT: 14.48 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VW013519.D

Acq: 10 Oct 2019 12:31

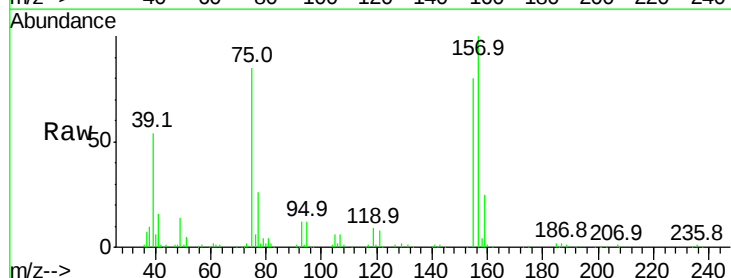
Tgt Ion: 75 Resp: 48554

Ion Ratio Lower Upper

75 100

157 118.2 102.0 153.0

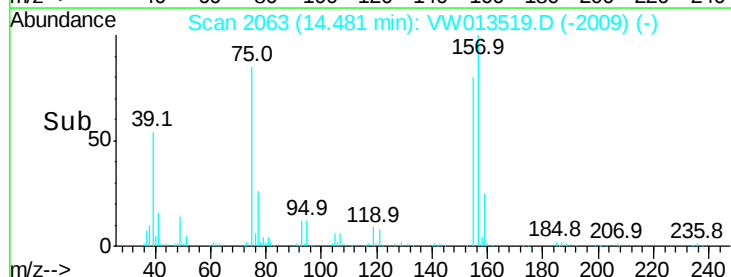
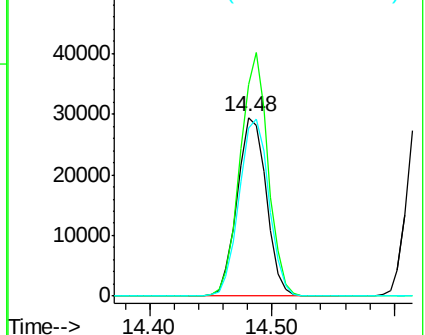
155 94.3 77.6 116.4

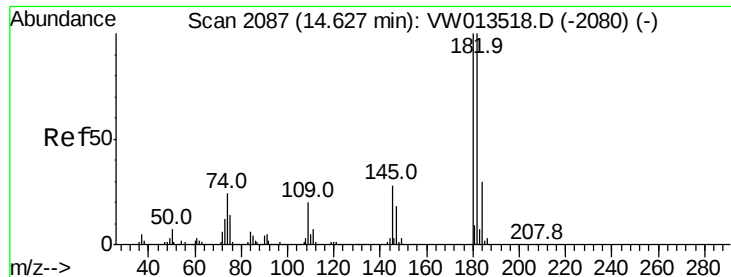


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

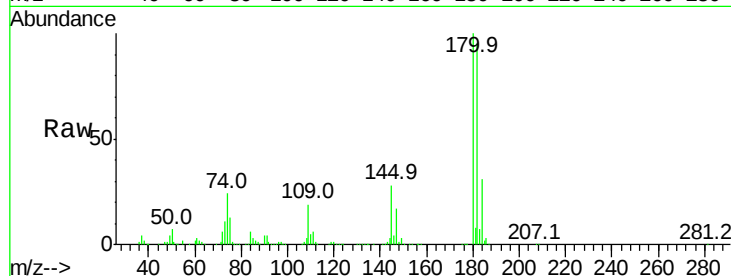
Ion 155.00 (154.70 to 155.70): V



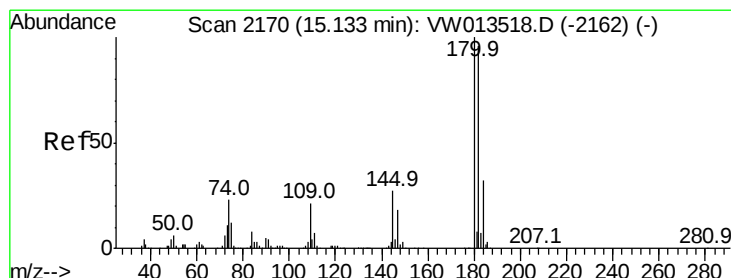
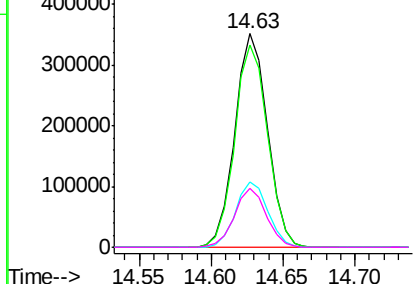
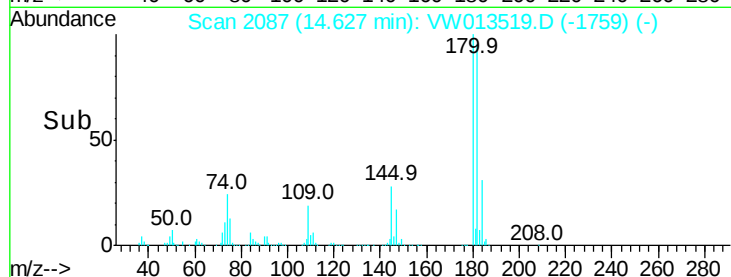


#67
 1,3,5-Trichlorobenzene
 Concen: 52.469 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. -0.00 min
 Lab File: VW013519.D
 Acq: 10 Oct 2019 12:31

Tgt Ion:	180	Resp:	553717
Ion Ratio	Lower	Upper	
180	100		
182	95.4	77.0	115.4
184	30.6	24.7	37.1
145	27.1	22.2	33.2

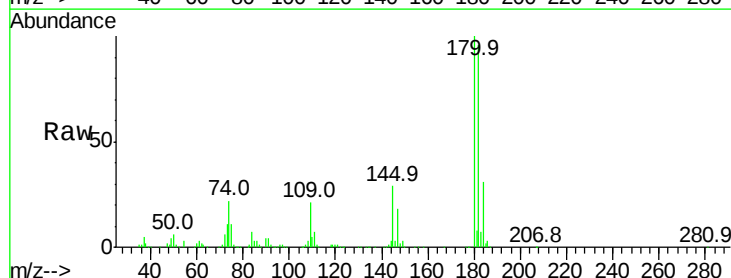


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

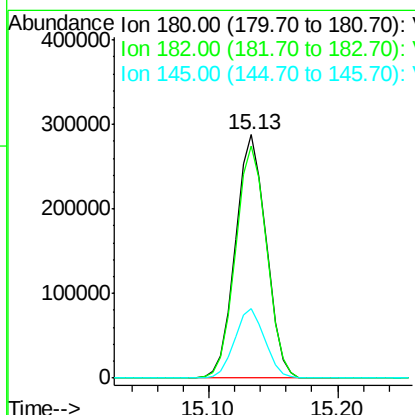
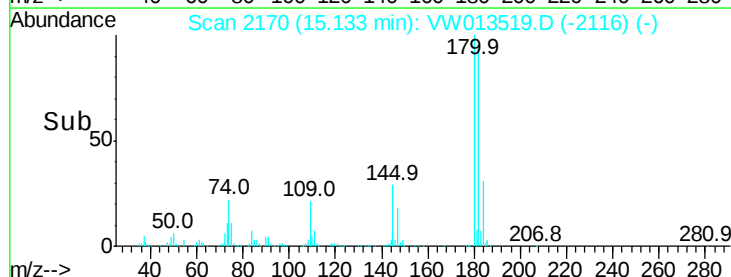


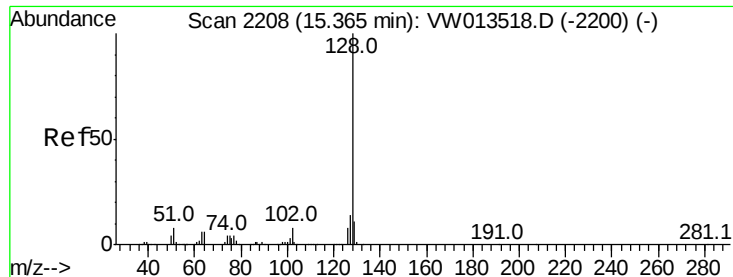
#68
 1,2,4-trichlorobenzene
 Concen: 56.360 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013519.D
 Acq: 10 Oct 2019 12:31

Tgt Ion:	180	Resp:	474789
Ion Ratio	Lower	Upper	
180	100		
182	96.5	78.2	117.2
145	28.3	22.8	34.2



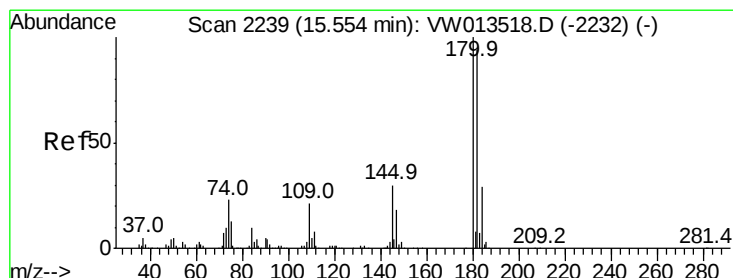
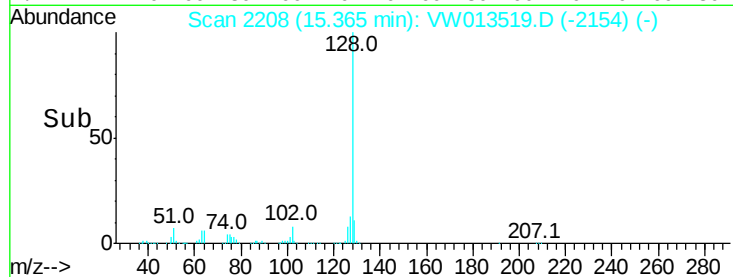
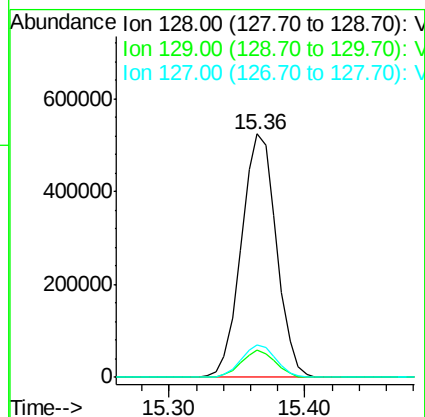
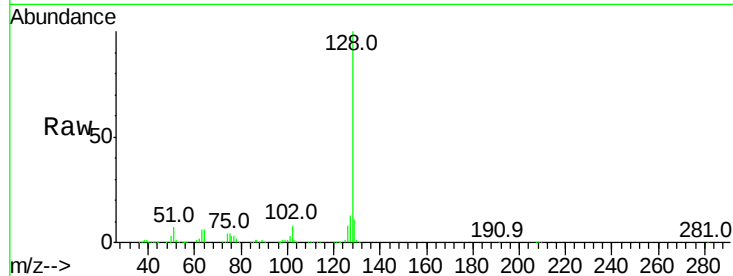
Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69
Naphthalene
Concen: 58.621 ug/L
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013519.D
Acq: 10 Oct 2019 12:31

Tgt Ion:	128	Resp:	943445
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.5	12.7
127	13.1	10.4	15.6



#70
1,2,3-Trichlorobenzene
Concen: 55.026 ug/L
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013519.D
Acq: 10 Oct 2019 12:31

Tgt Ion:	180	Resp:	421600
Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.0	114.0
145	29.6	23.1	34.7

