

Data File : VW013516.D
Acq On : 10 Oct 2019 11:14
Operator : SY/VA
Sample : VSTD2.561
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 10 14:06:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 10 14:04:30 2019
Response via : Initial Calibration

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

System Monitoring Compounds

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

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	3360	1.106 ug/L	91
3) Chloromethane	2.21	50	9389	2.306 ug/L	84
5) Vinyl chloride	2.35	62	13057	2.319 ug/L	93
6) Bromomethane	2.78	94	7997	2.234 ug/L	95
8) Chloroethane	2.92	64	8155	2.387 ug/L	87
9) Trichlorofluoromethane	3.26	101	6337	1.816 ug/L	91
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	12619	2.288 ug/L	98
12) 1,1-Dichloroethene	4.04	96	12648	2.260 ug/L	93
13) Acetone	4.13	43	11100	6.665 ug/L	95
14) Carbon disulfide	4.39	76	37445	2.357 ug/L	99
15) Methyl Acetate	4.68	43	6453	2.008 ug/L	99
16) Methylene chloride	4.92	84	17891	2.466 ug/L	91
17) Methyl tert-butyl Ether	5.42	73	21646	2.236 ug/L #	89
18) trans-1,2-Dichloroethene	5.43	96	13968	2.334 ug/L	83
19) 1,1-Dichloroethane	6.22	63	23604	2.249 ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	14512	2.225 ug/L	93
23) Bromochloromethane	7.51	128	6796	2.316 ug/L	92
25) Chloroform	7.68	83	23977	2.324 ug/L	99
27) 1,2-Dichloroethane	8.40	62	14792	2.189 ug/L #	91
30) Cyclohexane	7.96	56	22962	2.274 ug/L	97
31) 1,1,1-Trichloroethane	7.87	97	18631	2.309 ug/L	98
32) Carbon tetrachloride	8.07	117	17373	2.258 ug/L	98
34) Benzene	8.32	78	55382	2.350 ug/L	100
35) Trichloroethene	9.10	95	15400	2.487 ug/L	94
36) Methylcyclohexane	9.34	83	26359	2.390 ug/L	99
40) 1,2-Dichloropropane	9.37	63	13653	2.355 ug/L	99
41) Bromodichloromethane	9.65	83	15761	2.216 ug/L #	91
42) cis-1,3-Dichloropropene	10.07	75	20086	2.169 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	20446	4.606 ug/L	97
44) Toluene	10.39	91	59598	2.323 ug/L	99

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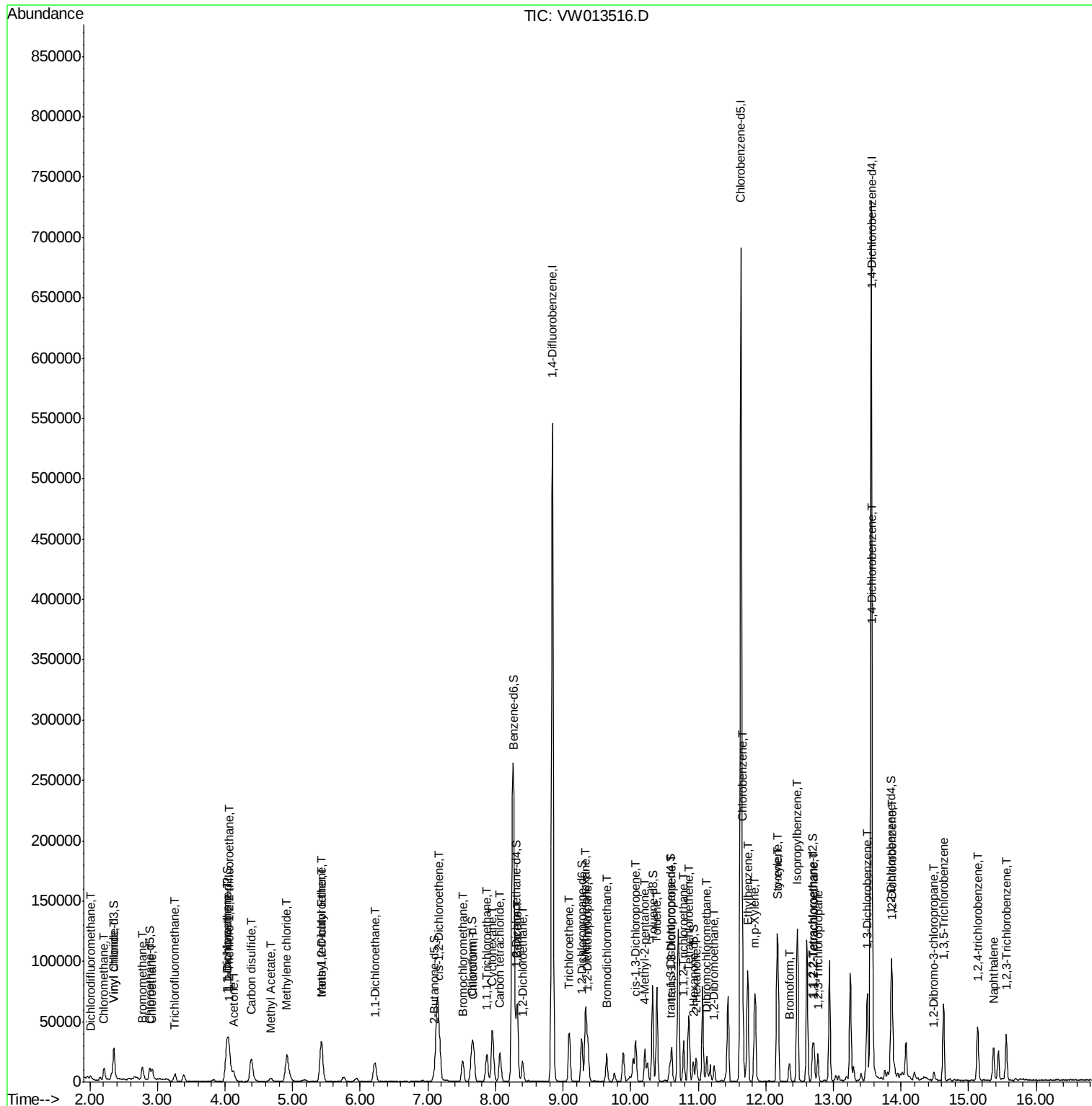
Quant Time: Oct 10 14:06:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 10 14:04:30 2019
Response via : Initial Calibration

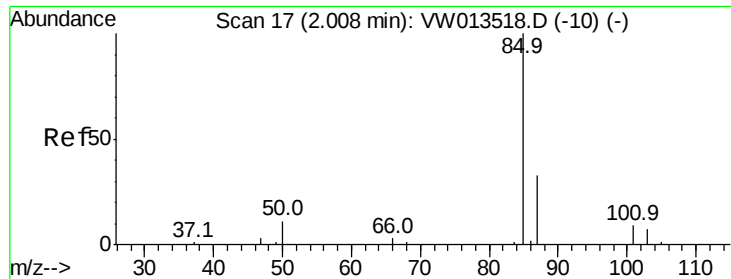
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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

Quant Time: Oct 10 14:06:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\SOM2WLM101019S.M
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#2

Dichlorodifluoromethane

Concen: 1.106 ug/L

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW013516.D

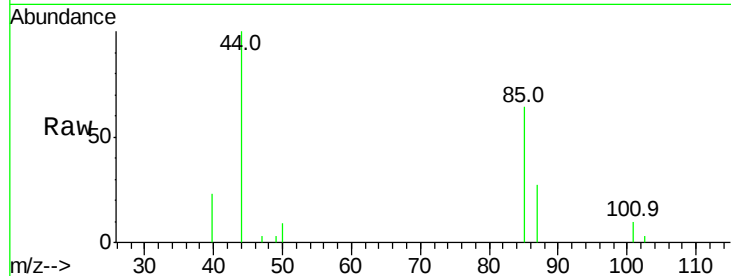
Acq: 10 Oct 2019 11:14

Tgt Ion: 85 Resp: 3360

Ion Ratio Lower Upper

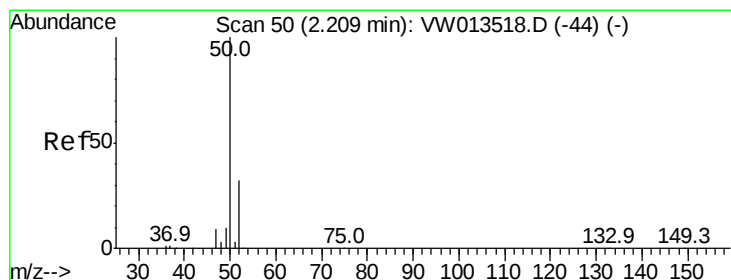
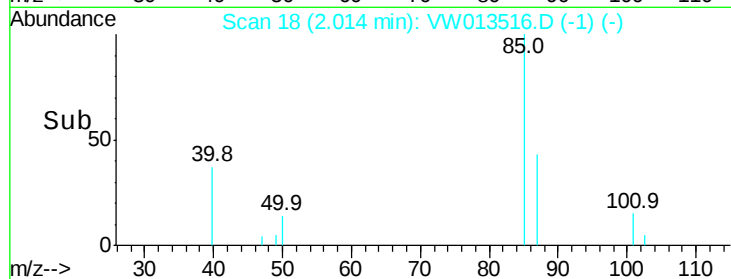
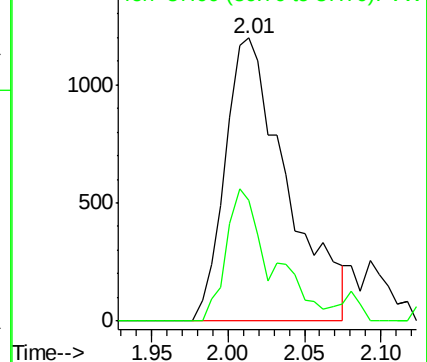
85 100

87 24.6 20.4 38.0



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 2.306 ug/L

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW013516.D

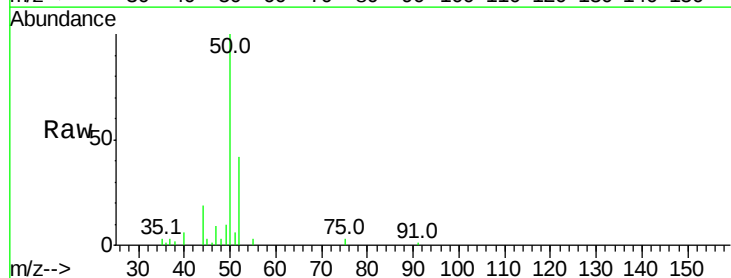
Acq: 10 Oct 2019 11:14

Tgt Ion: 50 Resp: 9389

Ion Ratio Lower Upper

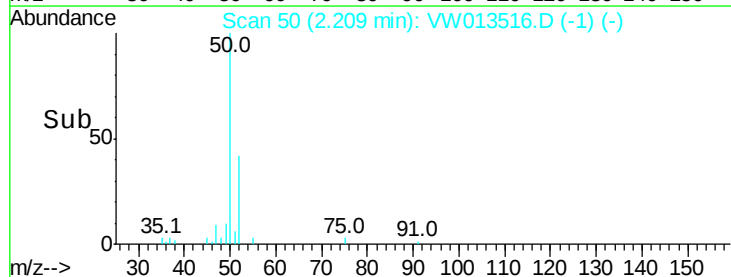
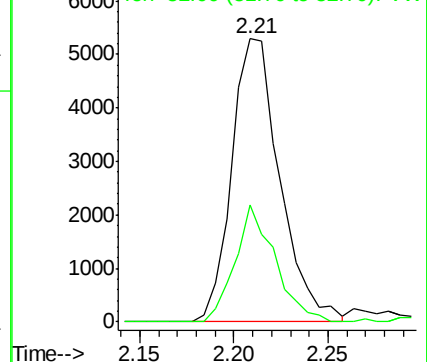
50 100

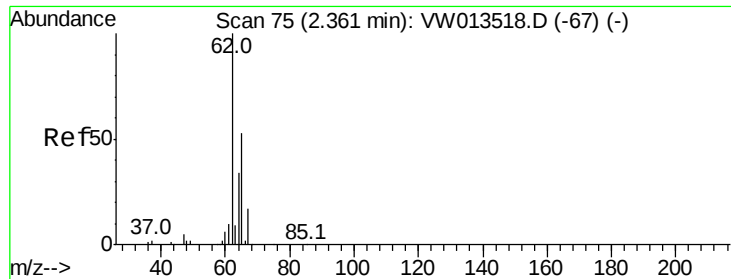
52 41.5 22.6 42.0



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 2.319 ug/L

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW013516.D

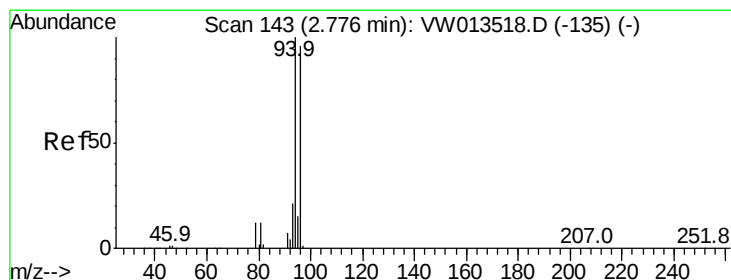
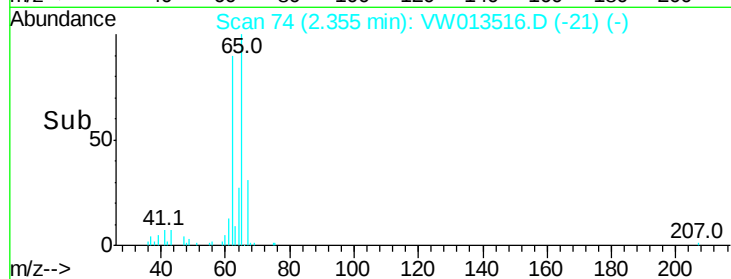
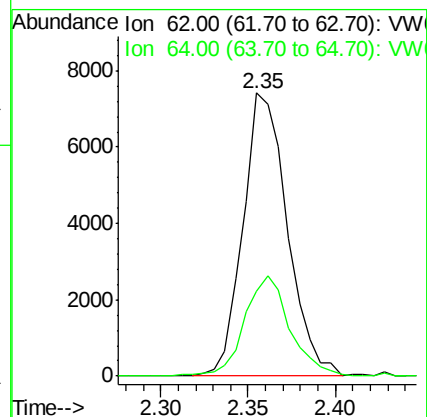
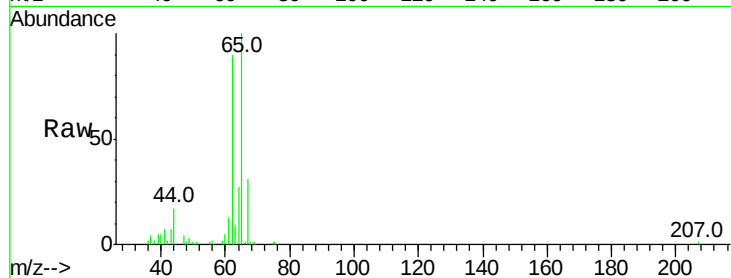
Acq: 10 Oct 2019 11:14

Tgt Ion: 62 Resp: 13057

Ion Ratio Lower Upper

62 100

64 30.2 23.9 44.3



#6

Bromomethane

Concen: 2.234 ug/L

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW013516.D

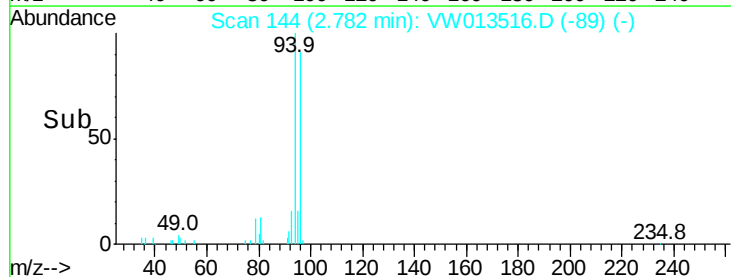
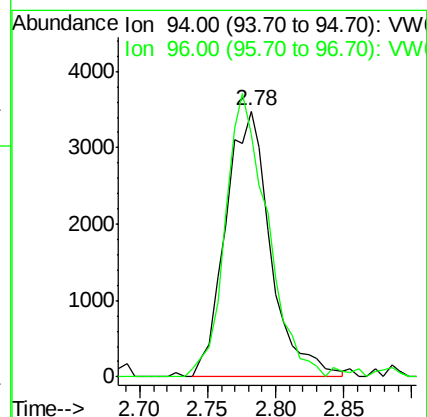
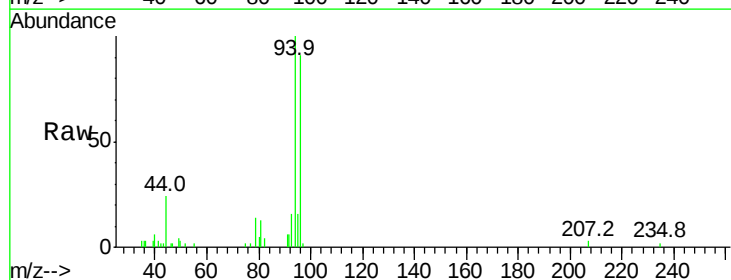
Acq: 10 Oct 2019 11:14

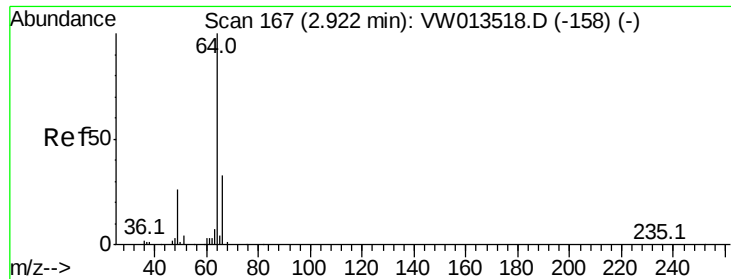
Tgt Ion: 94 Resp: 7997

Ion Ratio Lower Upper

94 100

96 99.8 9.5 179.9





#8

Chloroethane

Concen: 2.387 ug/L

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW013516.D

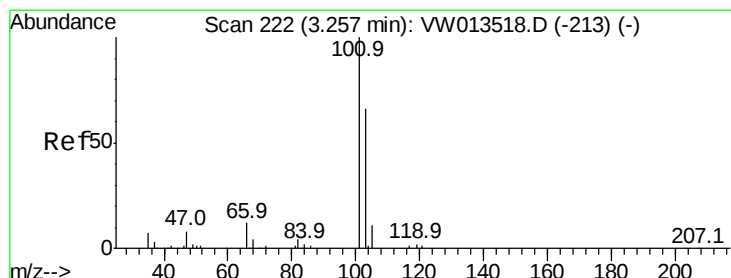
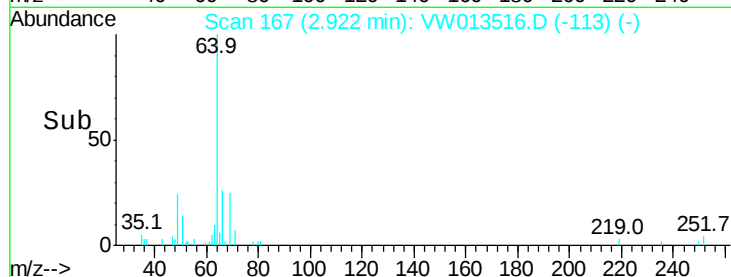
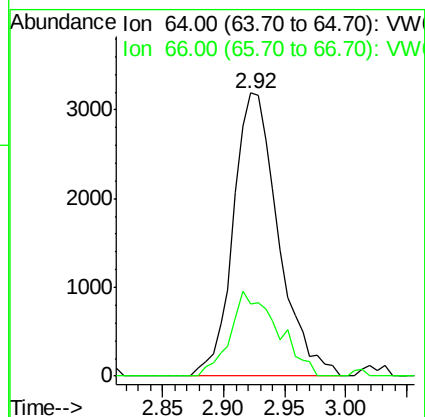
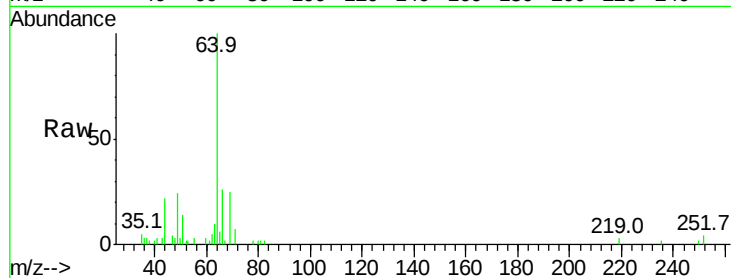
Acq: 10 Oct 2019 11:14

Tgt Ion: 64 Resp: 8155

Ion Ratio Lower Upper

64 100

66 25.5 23.2 43.0



#9

Trichlorofluoromethane

Concen: 1.816 ug/L

RT: 3.26 min Scan# 222

Delta R.T. -0.00 min

Lab File: VW013516.D

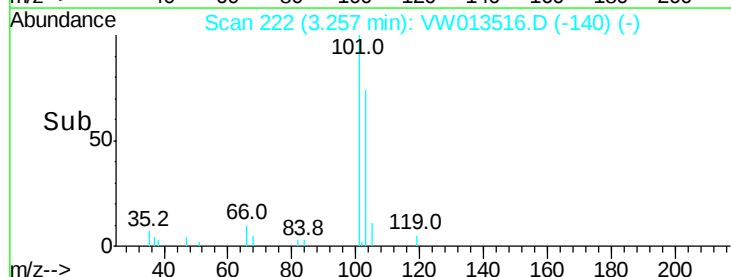
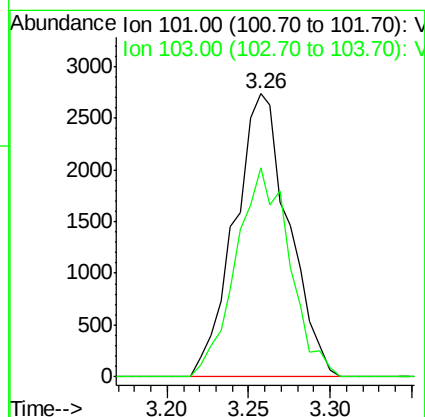
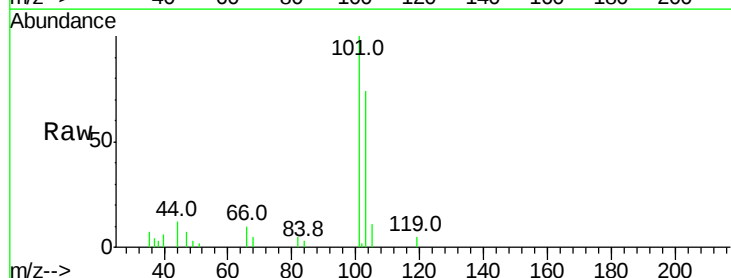
Acq: 10 Oct 2019 11:14

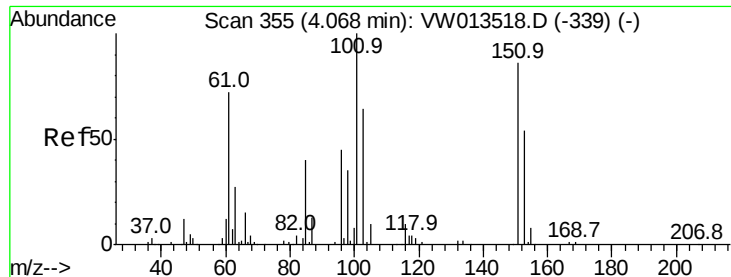
Tgt Ion: 101 Resp: 6337

Ion Ratio Lower Upper

101 100

103 72.9 46.0 85.4





#11

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

Concen: 2.288 ug/L

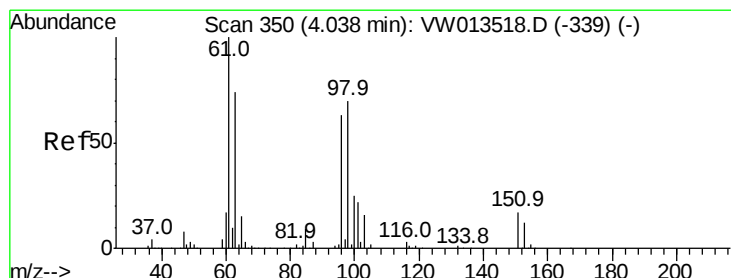
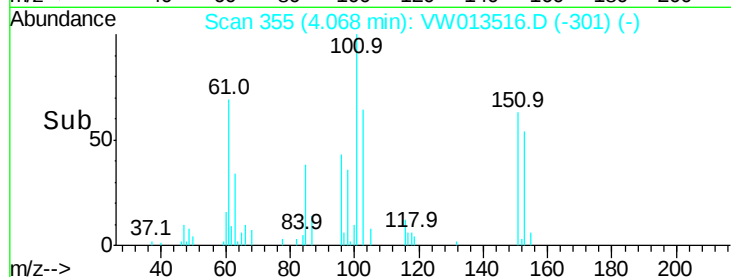
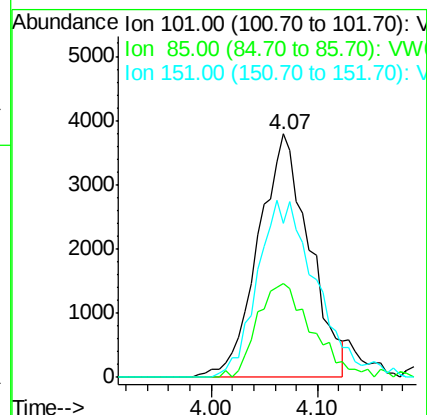
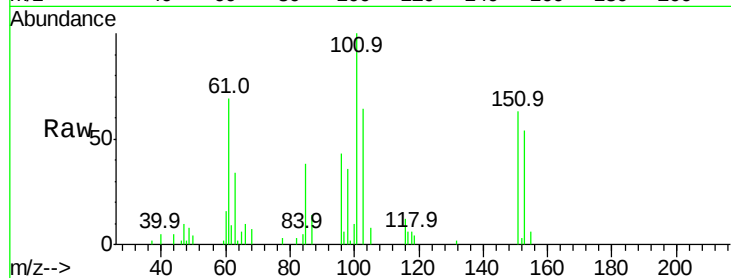
RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW013516.D

Acq: 10 Oct 2019 11:14

Tgt Ion:	101	Resp:	12619
Ion	Ratio	Lower	Upper
101	100		
85	40.7	32.0	48.0
151	81.9	67.0	100.6



#12

1,1-Dichloroethene

Concen: 2.260 ug/L

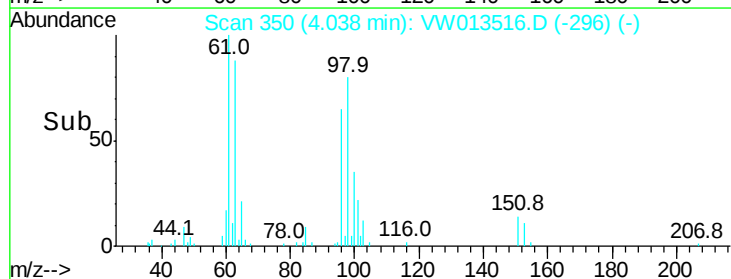
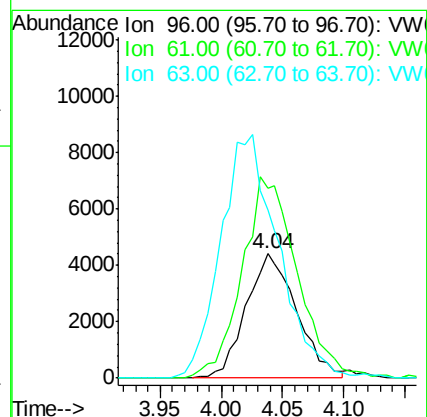
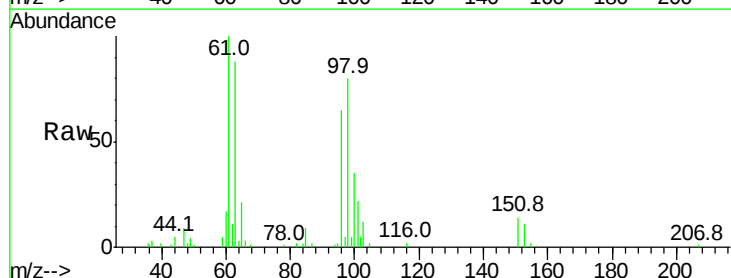
RT: 4.04 min Scan# 350

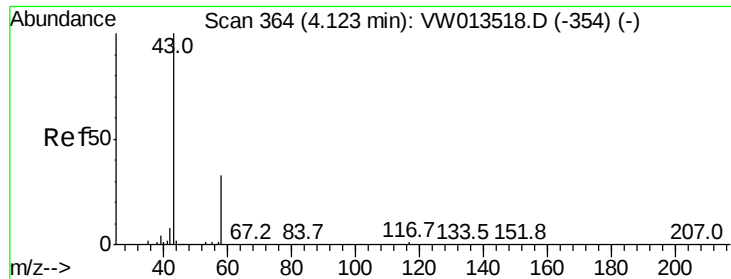
Delta R.T. -0.00 min

Lab File: VW013516.D

Acq: 10 Oct 2019 11:14

Tgt Ion:	96	Resp:	12648
Ion	Ratio	Lower	Upper
96	100		
61	153.2	111.0	206.2
63	134.8	86.3	160.3





#13

Acetone

Concen: 6.665 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013516.D

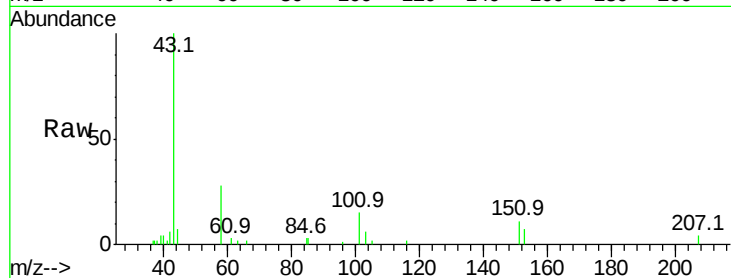
Acq: 10 Oct 2019 11:14

Tgt Ion: 43 Resp: 11100

Ion Ratio Lower Upper

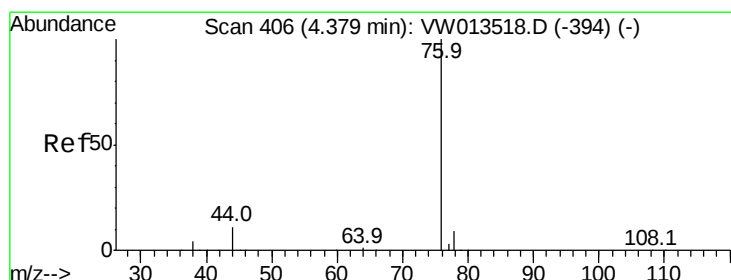
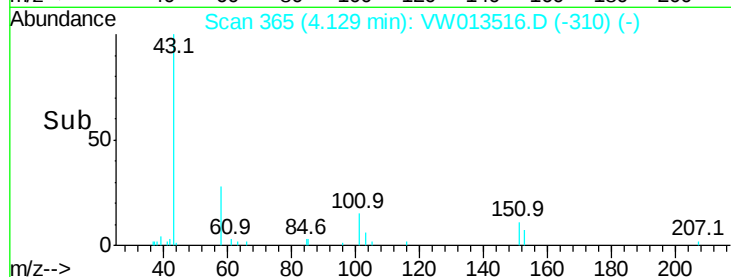
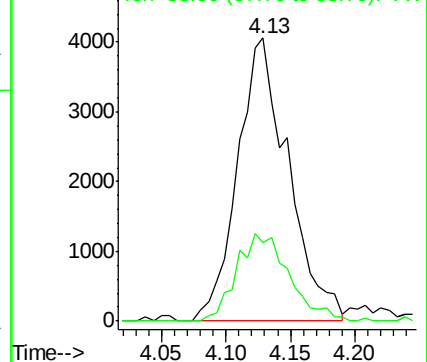
43 100

58 30.8 0.0 67.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 2.357 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW013516.D

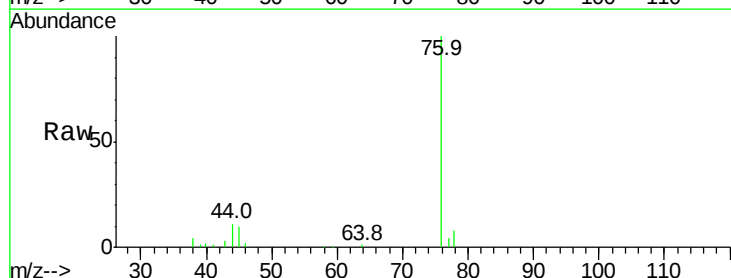
Acq: 10 Oct 2019 11:14

Tgt Ion: 76 Resp: 37445

Ion Ratio Lower Upper

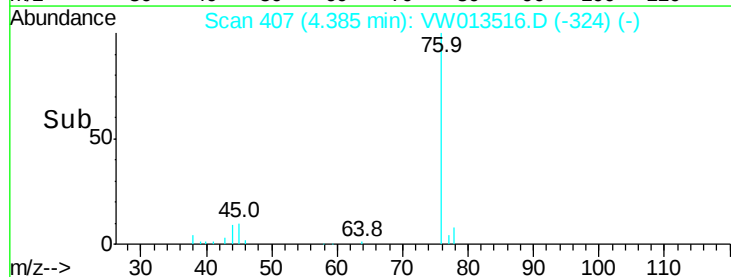
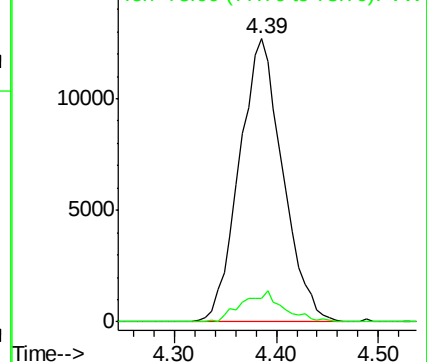
76 100

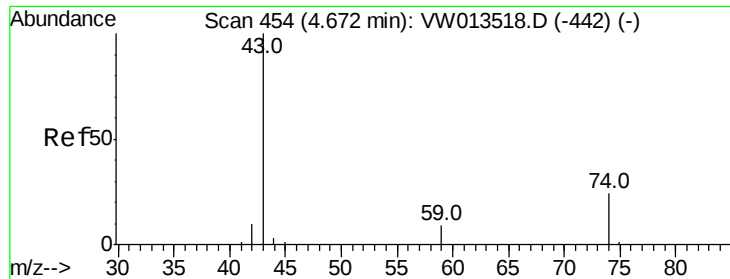
78 8.4 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#15

Methyl Acetate

Concen: 2.008 ug/L

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW013516.D

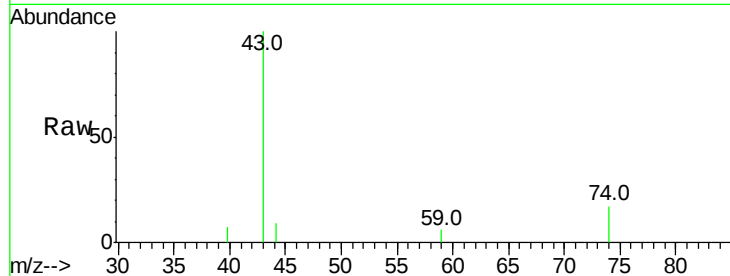
Acq: 10 Oct 2019 11:14

Tgt Ion: 43 Resp: 6453

Ion Ratio Lower Upper

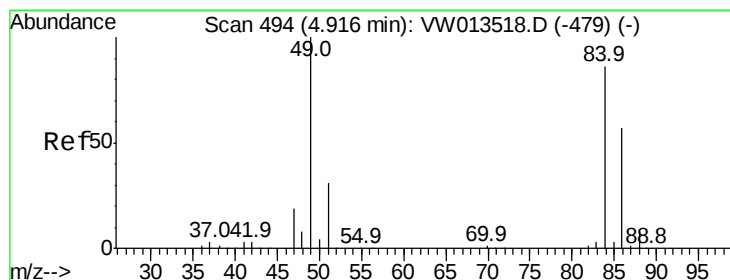
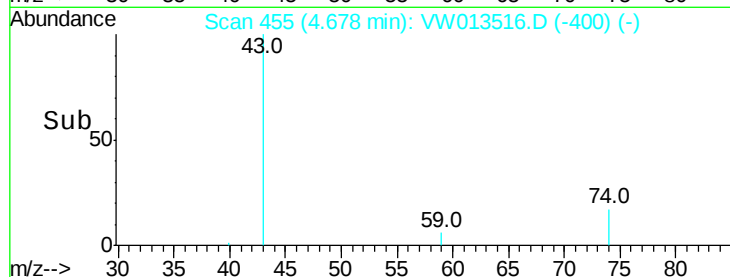
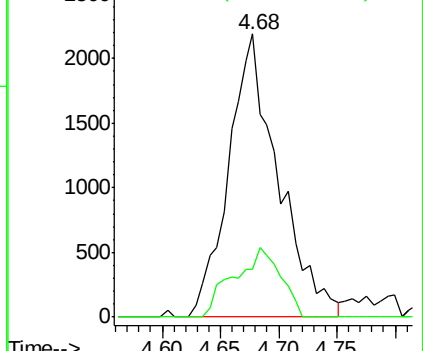
43 100

74 23.0 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: 2.466 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW013516.D

Acq: 10 Oct 2019 11:14

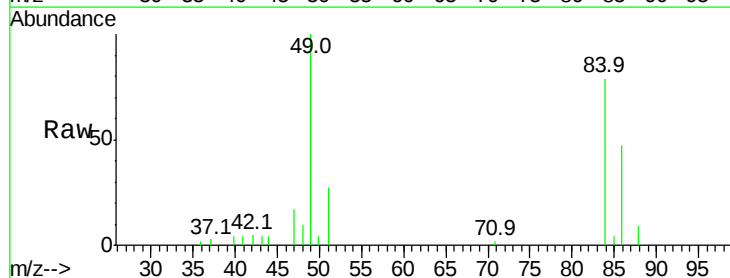
Tgt Ion: 84 Resp: 17891

Ion Ratio Lower Upper

84 100

49 126.6 81.3 151.1

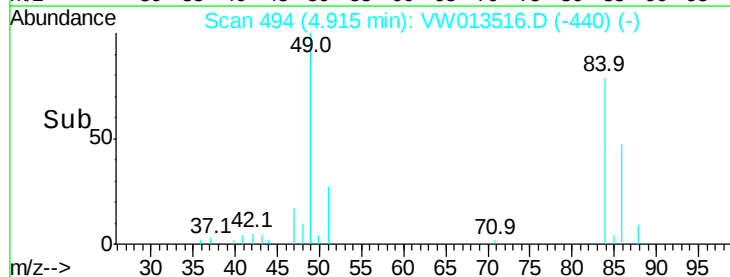
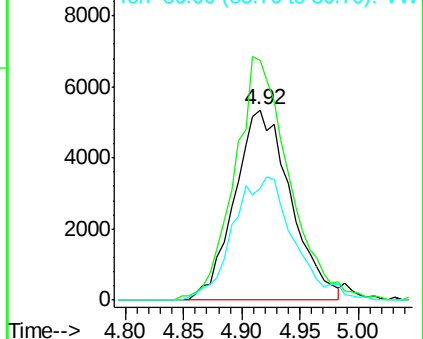
86 59.2 46.3 86.1

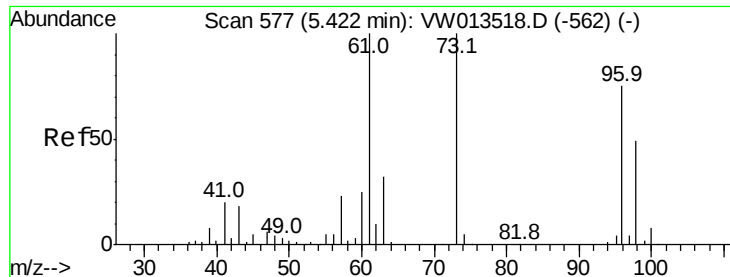


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

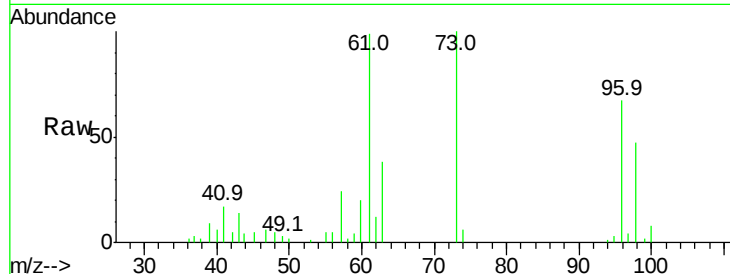
Ion 86.00 (85.70 to 86.70): VW



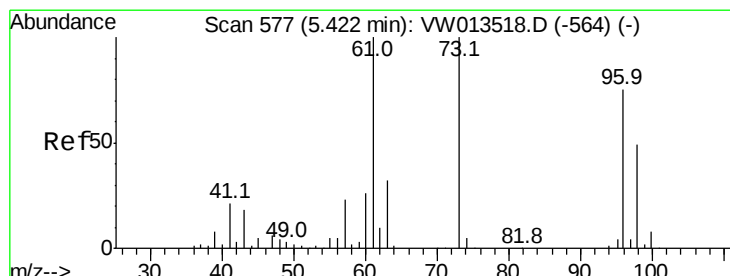
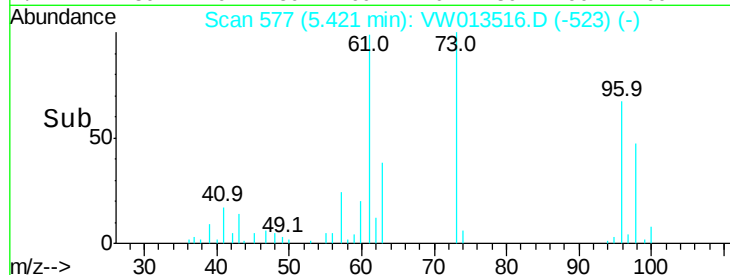
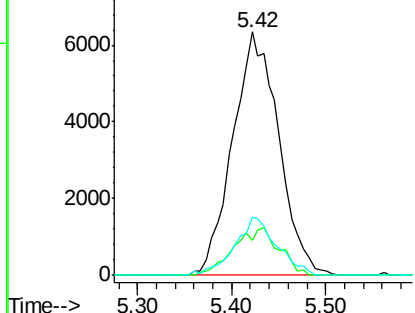


#17
Methyl tert-butyl Ether
Concen: 2.236 ug/L
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

Tgt Ion: 73 Resp: 21646
Ion Ratio Lower Upper
73 100
43 9.1 15.0 22.4#
57 21.9 18.1 27.1

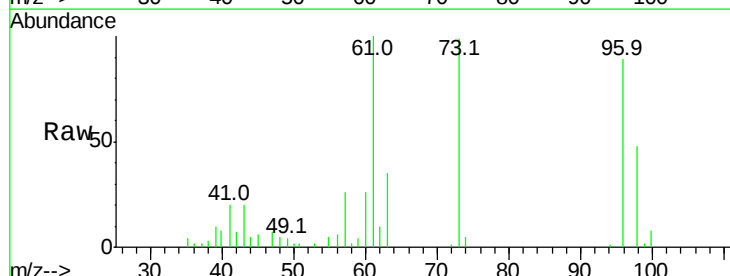


Abundance Ion 73.00 (72.70 to 73.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 57.00 (56.70 to 57.70): VW

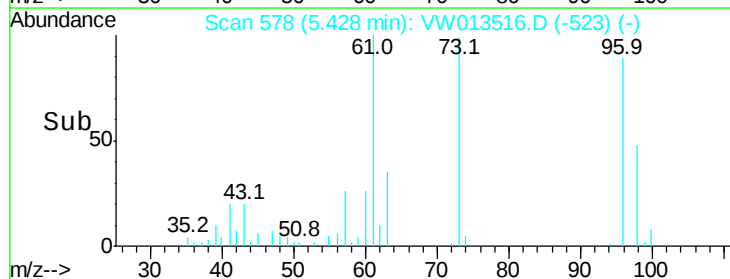
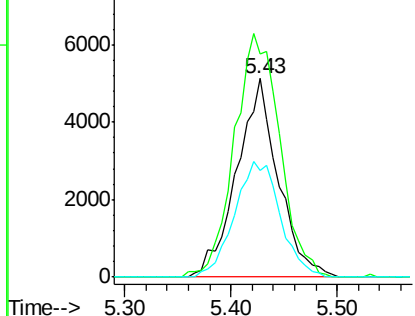


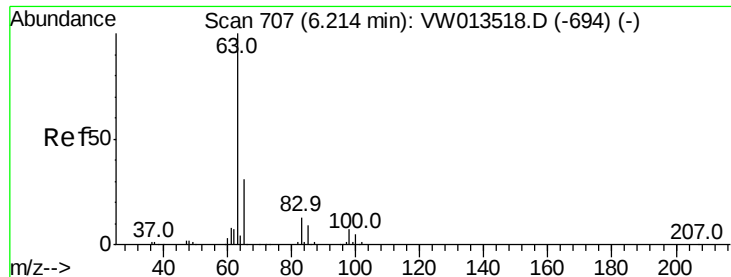
#18
trans-1,2-Dichloroethene
Concen: 2.334 ug/L
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

Tgt Ion: 96 Resp: 13968
Ion Ratio Lower Upper
96 100
61 112.7 93.7 173.9
98 53.7 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: 2.249 ug/L

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW013516.D

Acq: 10 Oct 2019 11:14

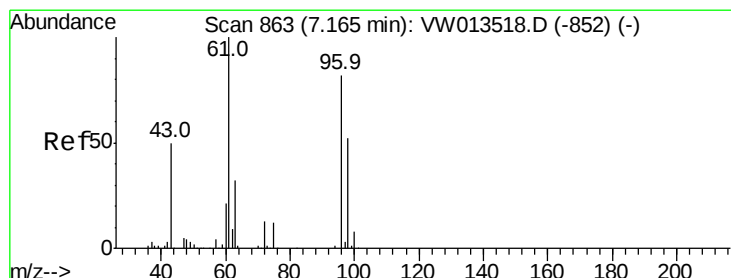
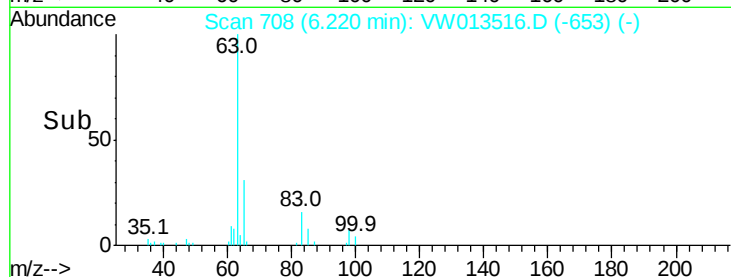
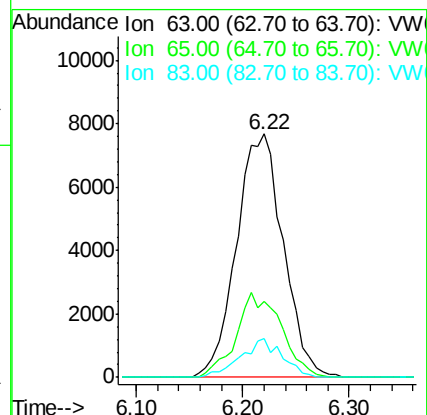
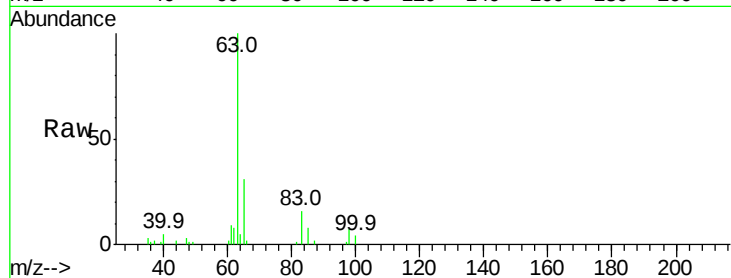
Tgt Ion: 63 Resp: 23604

Ion Ratio Lower Upper

63 100

65 31.2 21.6 40.0

83 15.9 9.0 16.6



#22

cis-1,2-Dichloroethene

Concen: 2.225 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013516.D

Acq: 10 Oct 2019 11:14

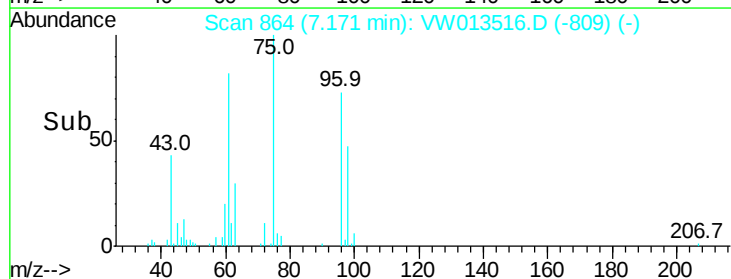
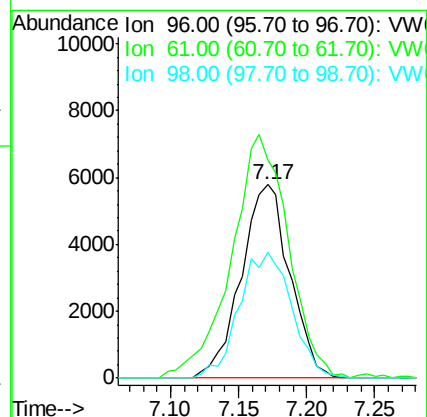
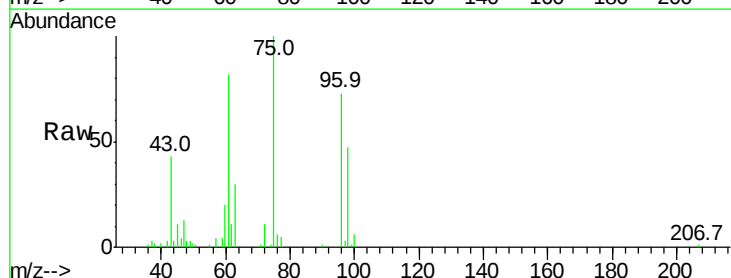
Tgt Ion: 96 Resp: 14512

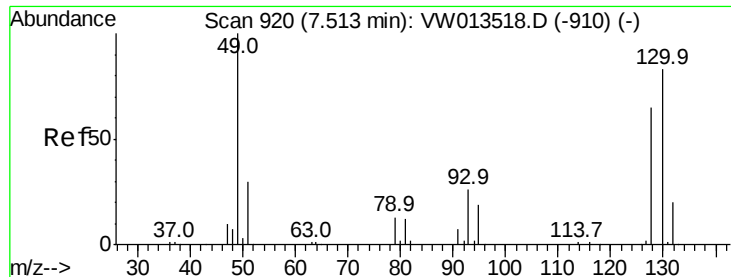
Ion Ratio Lower Upper

96 100

61 112.4 86.0 159.8

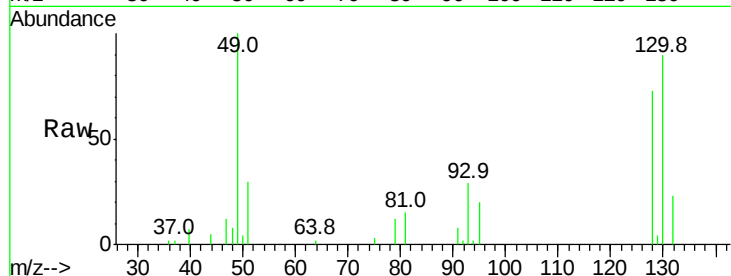
98 65.2 44.4 82.5





#23
Bromochloromethane
Concen: 2.316 ug/L
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

Tgt Ion:	128	Resp:	6796
Ion	Ratio	Lower	Upper
128	100		
49	137.8	108.0	200.6
130	123.9	89.4	166.0
51	41.8	37.4	56.2

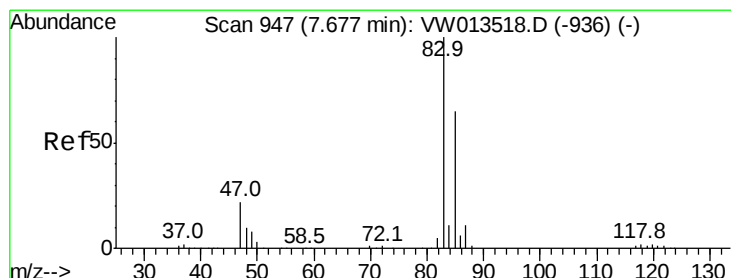
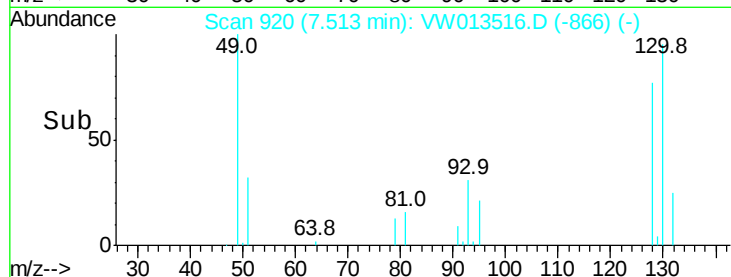
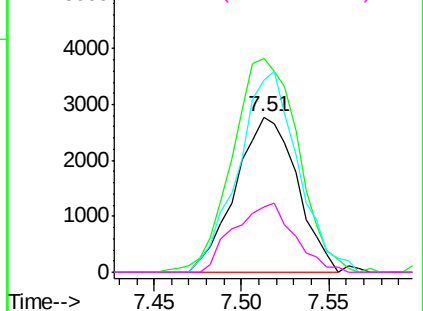


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VW

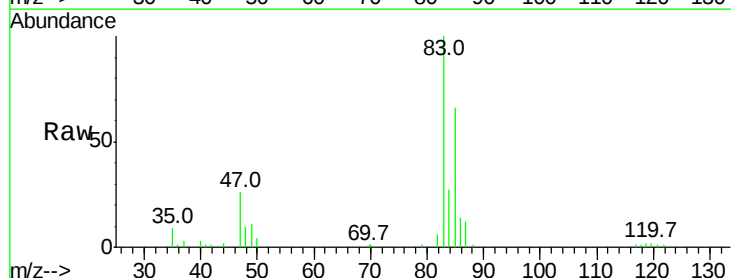
Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VW



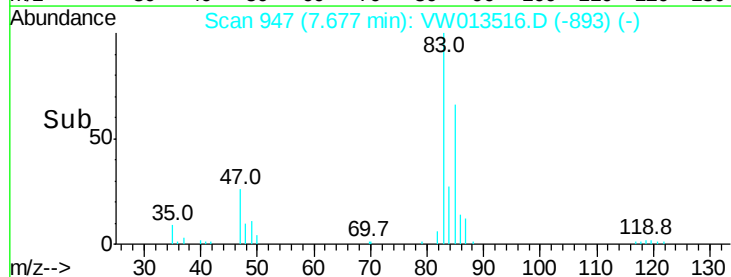
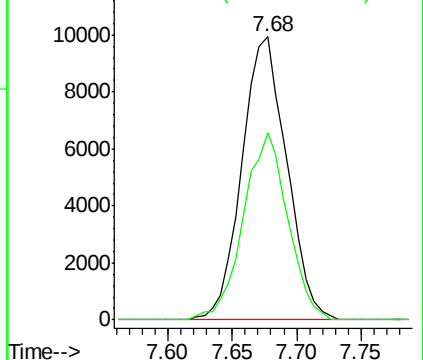
#25
Chloroform
Concen: 2.324 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

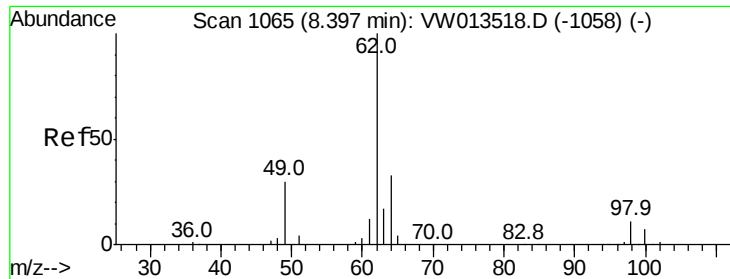
Tgt Ion:	83	Resp:	23977
Ion	Ratio	Lower	Upper
83	100		
85	65.4	46.1	85.5



Abundance Ion 83.00 (82.70 to 83.70): VW

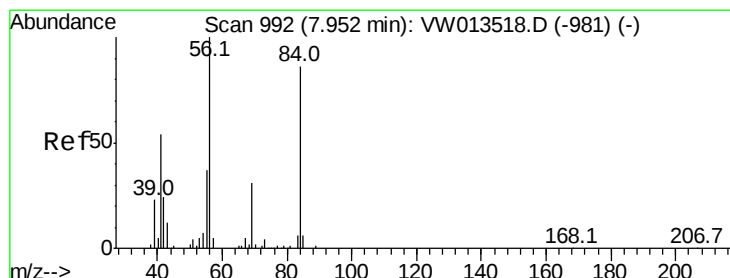
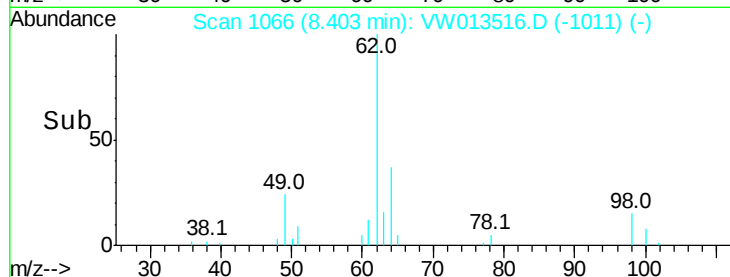
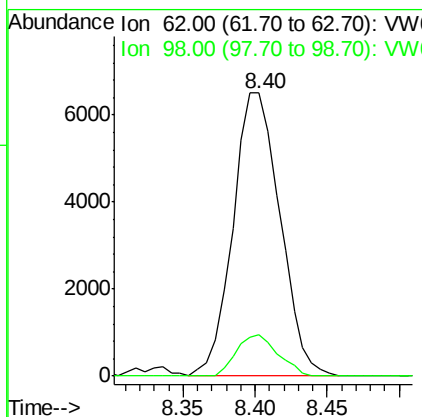
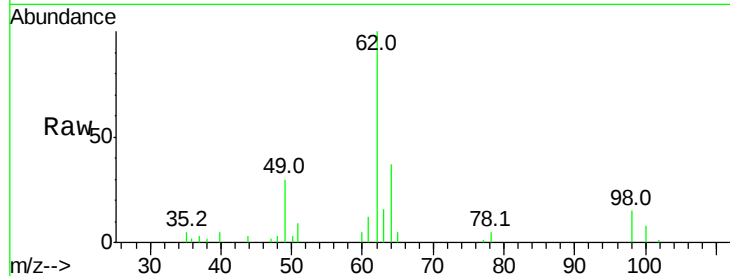
Ion 85.00 (84.70 to 85.70): VW





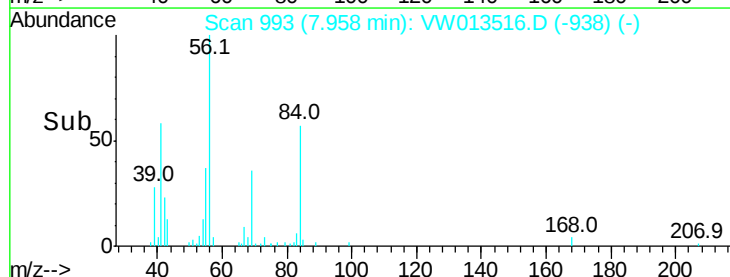
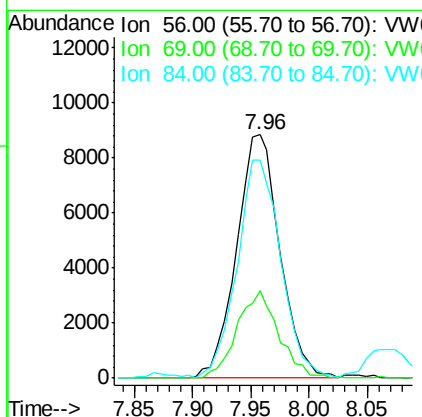
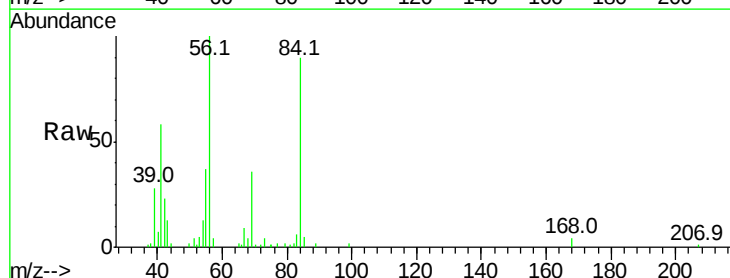
#27
 1,2-Dichloroethane
 Concen: 2.189 ug/L
 RT: 8.40 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW013516.D
 Acq: 10 Oct 2019 11:14

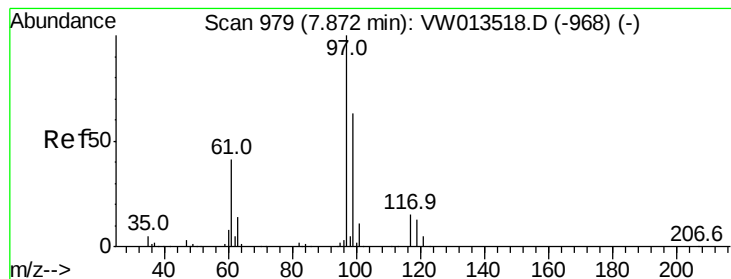
Tgt Ion: 62 Resp: 14792
 Ion Ratio Lower Upper
 62 100
 98 14.7 9.0 13.4#



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

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





#31

1,1,1-Trichloroethane

Concen: 2.309 ug/L

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW013516.D

Acq: 10 Oct 2019 11:14

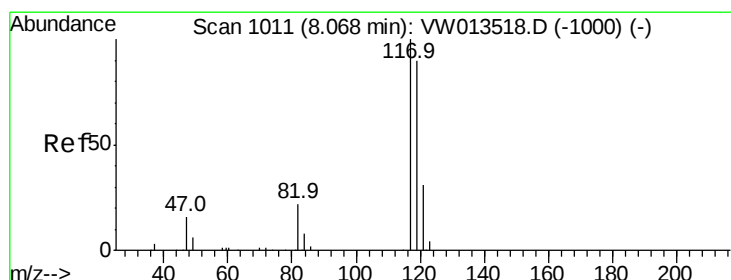
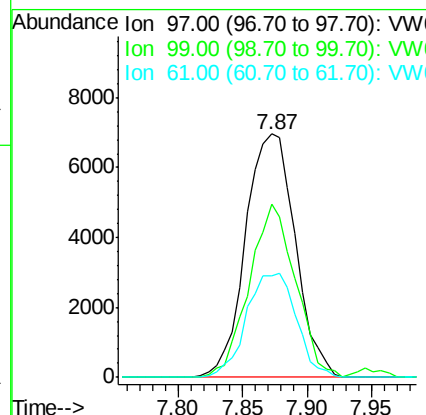
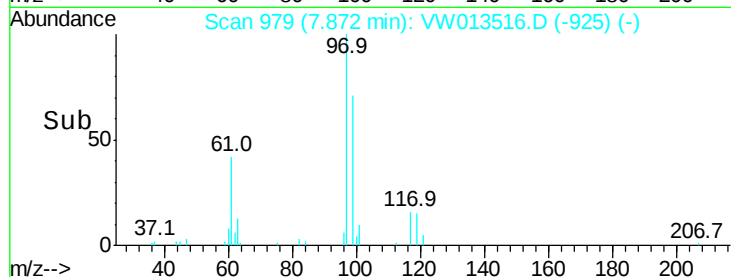
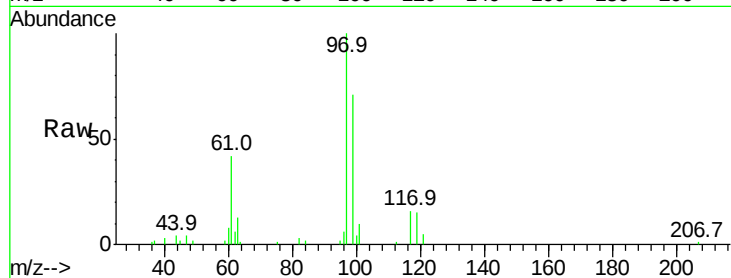
Tgt Ion: 97 Resp: 18631

Ion Ratio Lower Upper

97 100

99 66.4 51.8 77.8

61 42.9 33.7 50.5



#32

Carbon tetrachloride

Concen: 2.258 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW013516.D

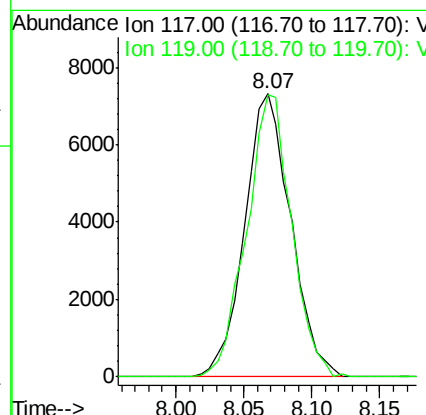
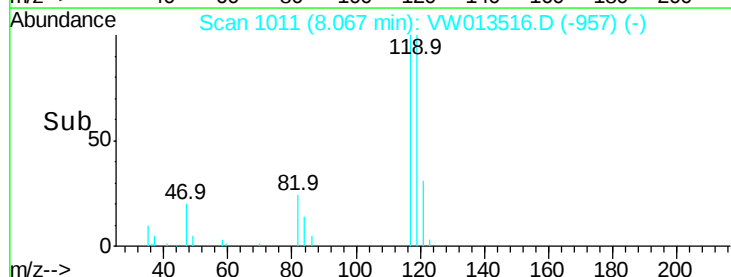
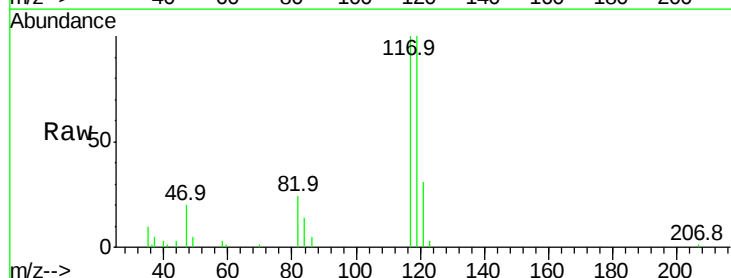
Acq: 10 Oct 2019 11:14

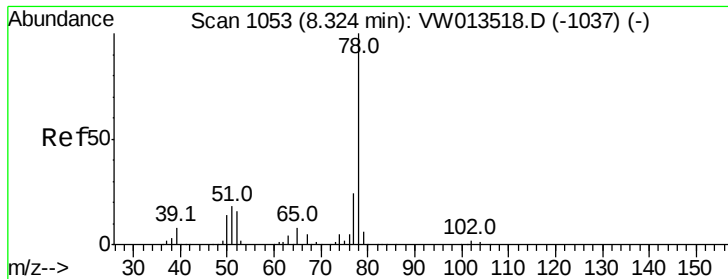
Tgt Ion: 117 Resp: 17373

Ion Ratio Lower Upper

117 100

119 96.9 76.1 114.1





#34

Benzene

Concen: 2.350 ug/L

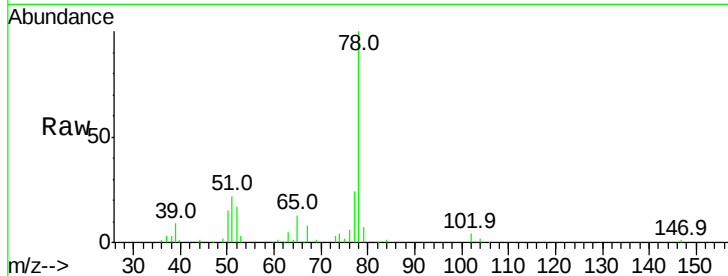
RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

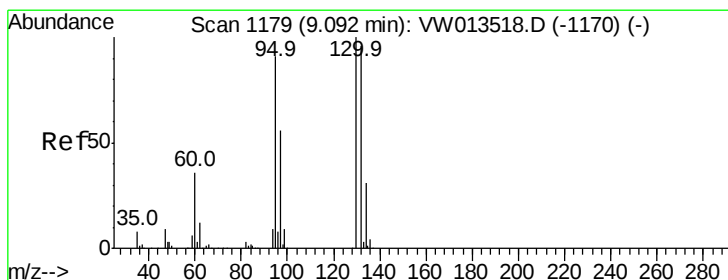
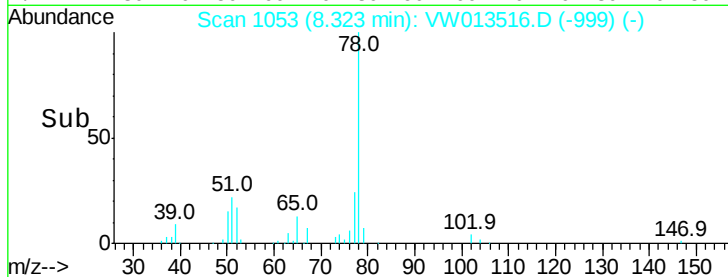
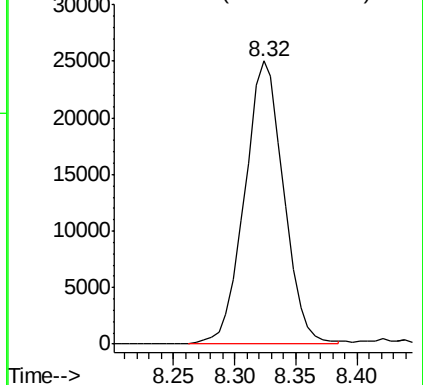
Lab File: VW013516.D

Acq: 10 Oct 2019 11:14

Tgt Ion: 78 Resp: 55382



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 2.487 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW013516.D

Acq: 10 Oct 2019 11:14

Tgt Ion: 95 Resp: 15400

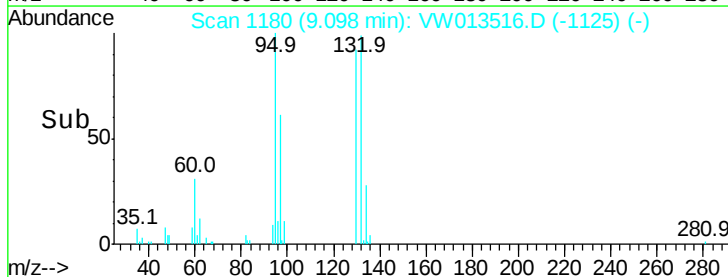
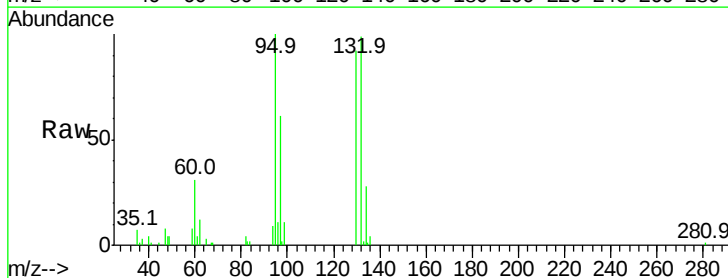
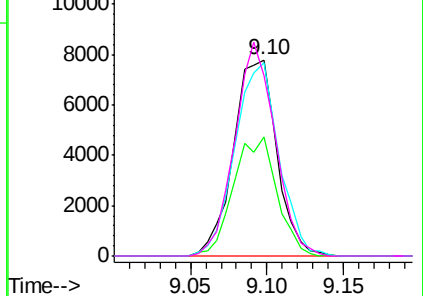
Ion	Ratio	Lower	Upper
95	100		
97	60.8	45.1	83.7
132	99.6	73.6	136.8
130	101.4	76.3	141.7

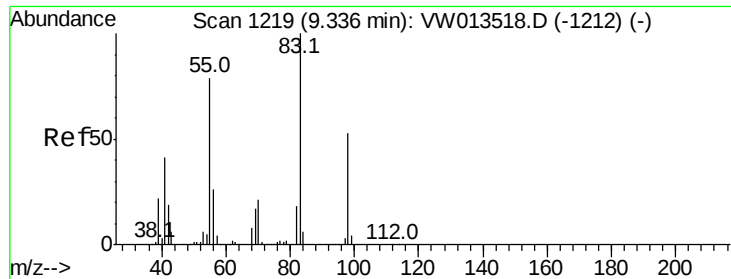
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

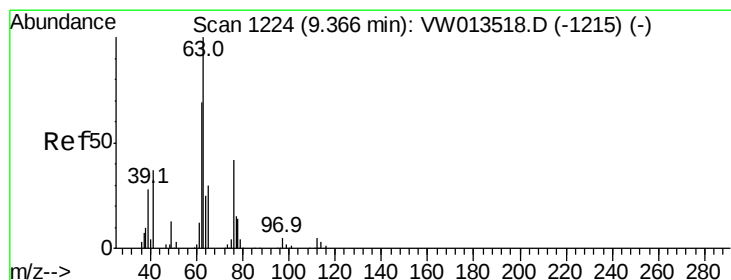
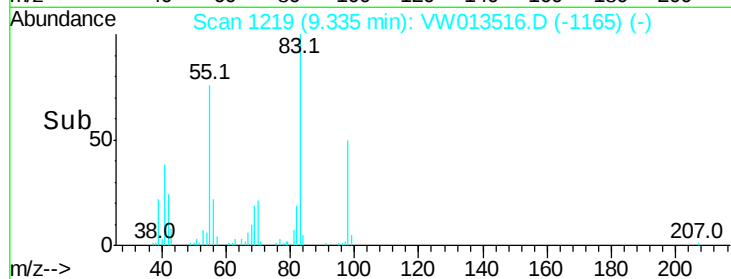
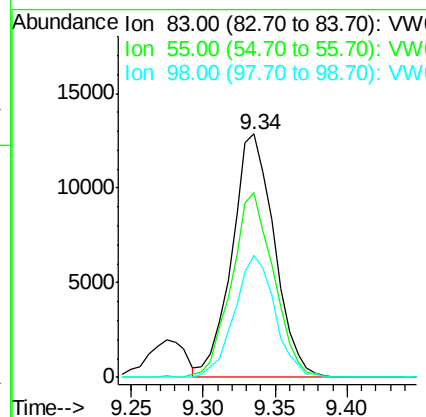
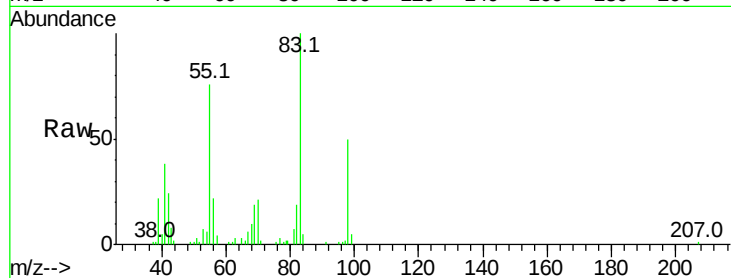
Ion 130.00 (129.70 to 130.70): V





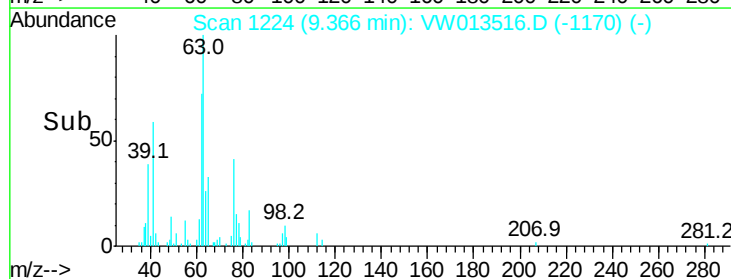
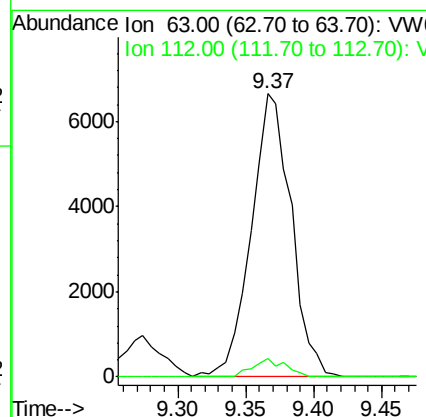
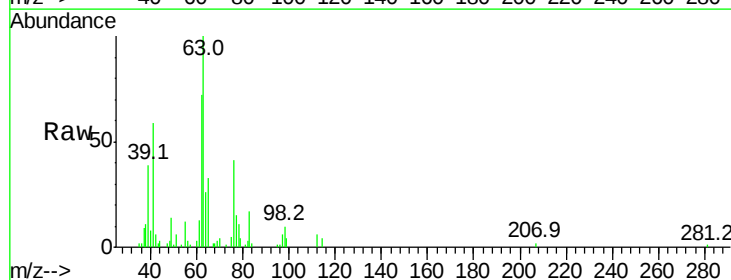
#36
Methylcyclohexane
Concen: 2.390 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

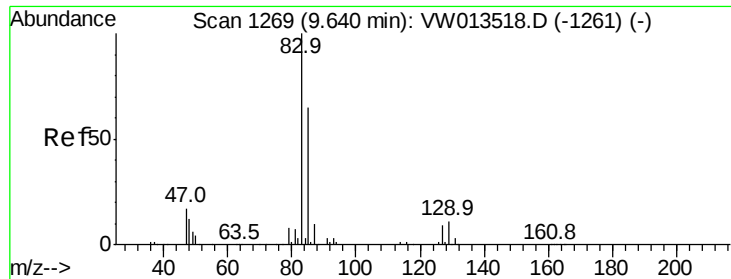
Tgt Ion: 83 Resp: 26359
Ion Ratio Lower Upper
83 100
55 75.1 60.4 90.6
98 47.9 39.3 58.9



#40
1,2-Dichloropropane
Concen: 2.355 ug/L
RT: 9.37 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

Tgt Ion: 63 Resp: 13653
Ion Ratio Lower Upper
63 100
112 5.2 3.8 5.8





#41

Bromodichloromethane

Concen: 2.216 ug/L

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW013516.D

Acq: 10 Oct 2019 11:14

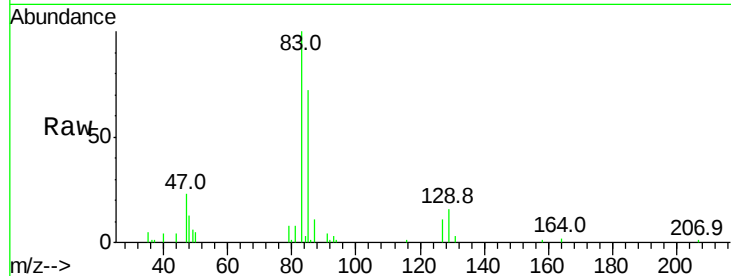
Tgt Ion: 83 Resp: 15761

Ion Ratio Lower Upper

83 100

85 72.2 45.1 83.9

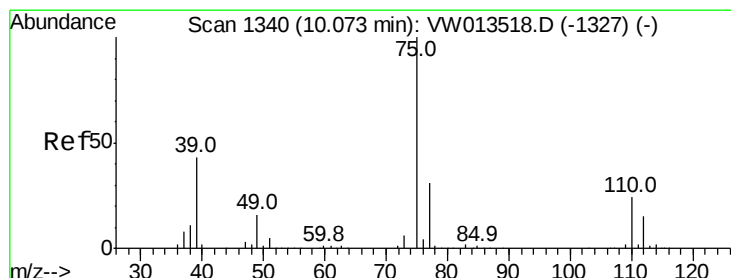
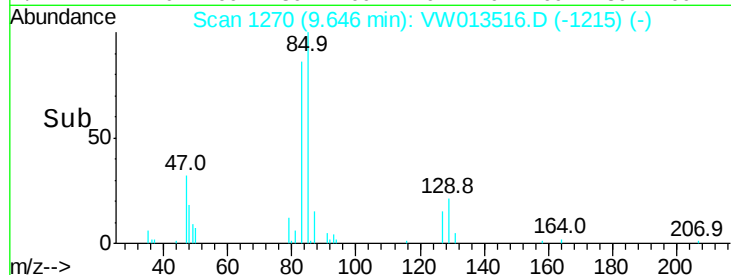
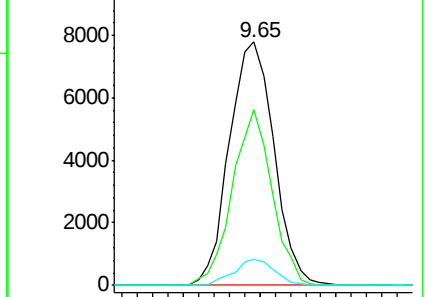
127 10.8 7.1 10.7#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): VW



#42

cis-1,3-Dichloropropene

Concen: 2.169 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW013516.D

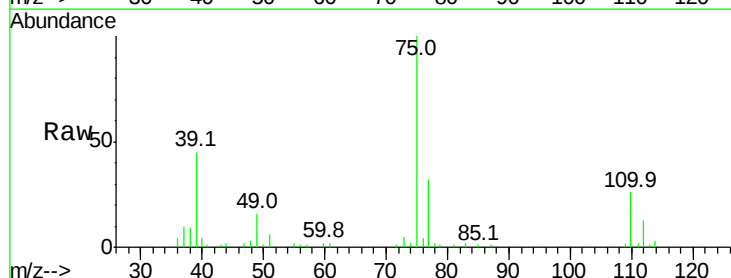
Acq: 10 Oct 2019 11:14

Tgt Ion: 75 Resp: 20086

Ion Ratio Lower Upper

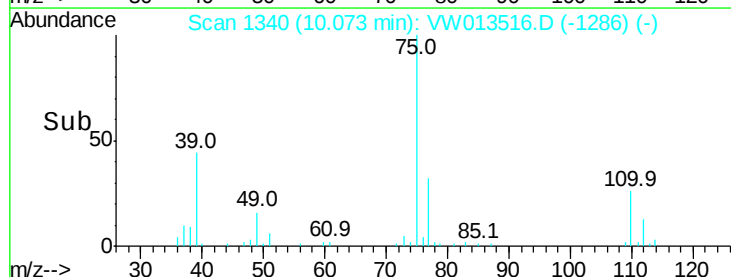
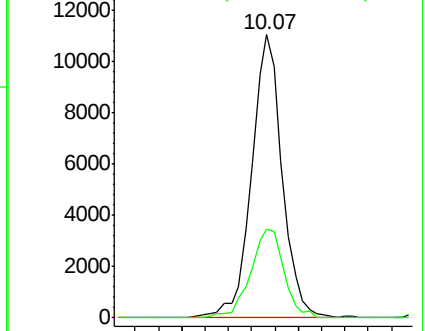
75 100

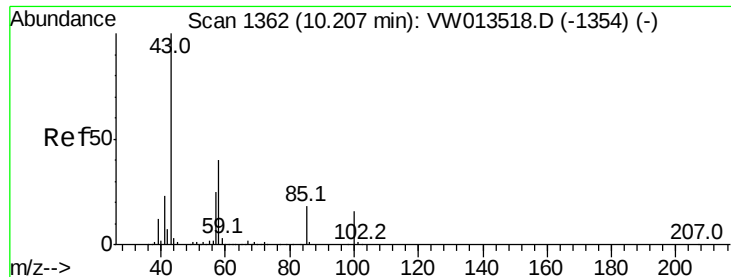
77 31.5 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VW

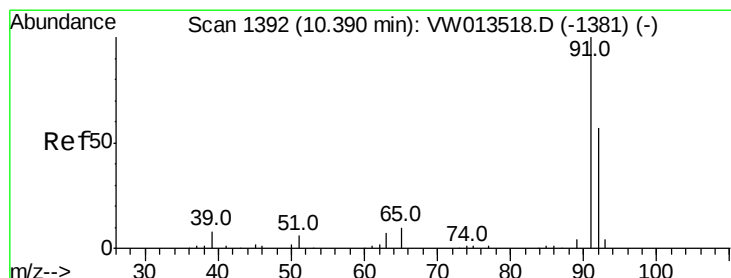
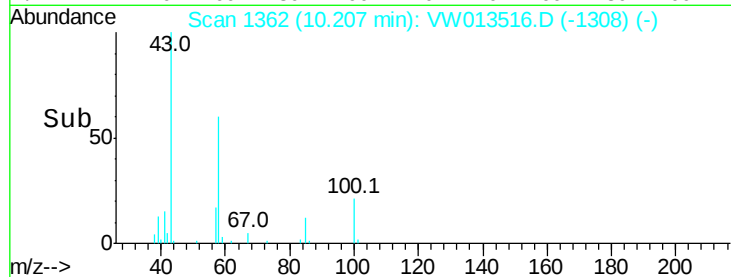
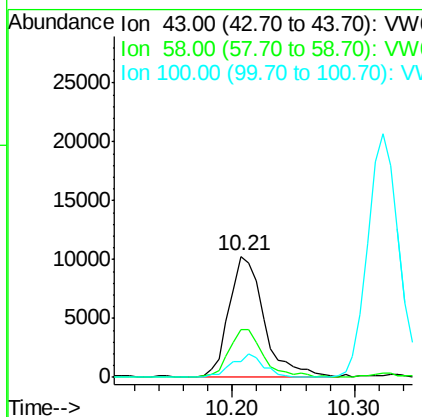
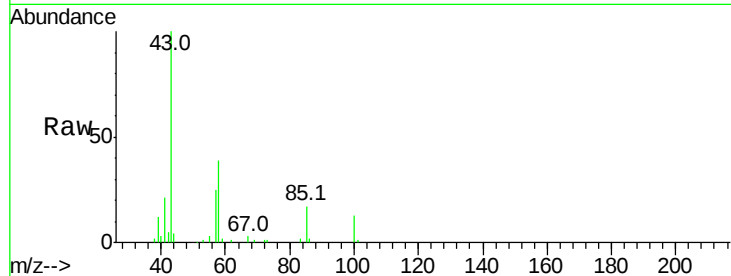
Ion 77.00 (76.70 to 77.70): VW





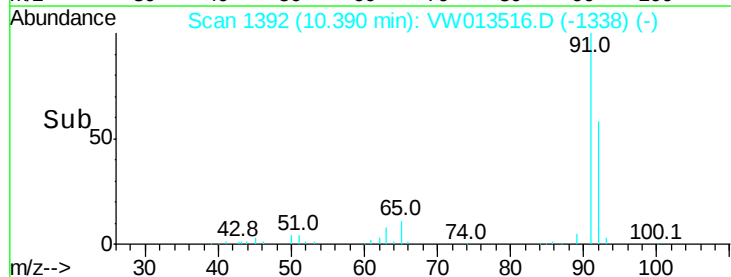
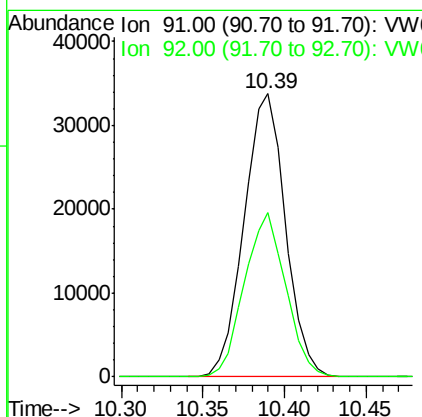
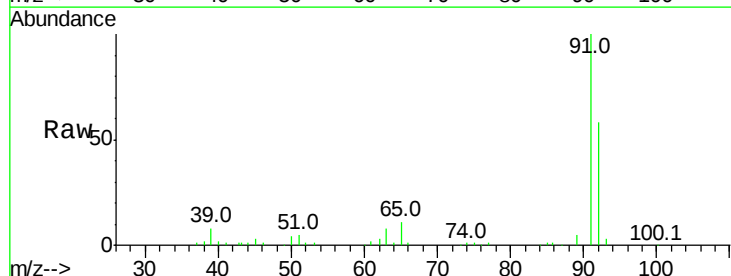
#43
 4-Methyl-2-pentanone
 Concen: 4.606 ug/L
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW013516.D
 Acq: 10 Oct 2019 11:14

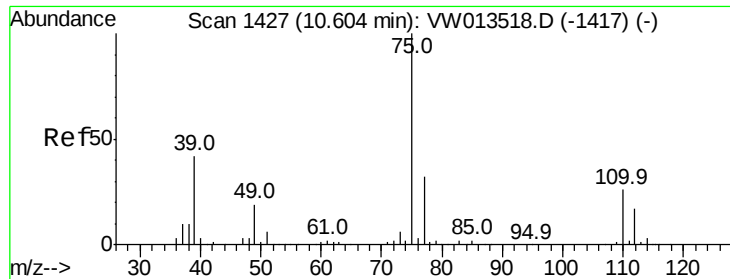
Tgt Ion: 43 Resp: 20446
 Ion Ratio Lower Upper
 43 100
 58 37.2 32.0 48.0
 100 16.9 13.7 20.5



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

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





#45

trans-1,3-Dichloropropene

Concen: 2.031 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW013516.D

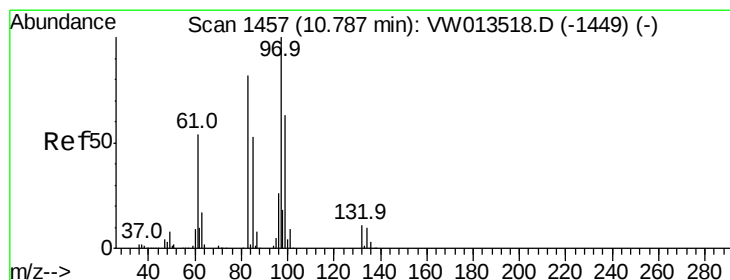
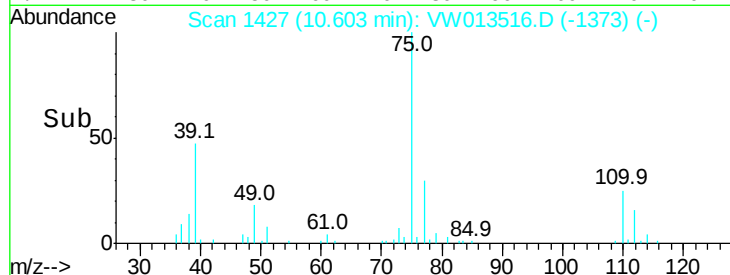
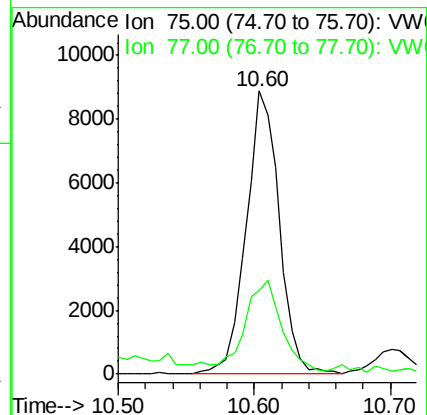
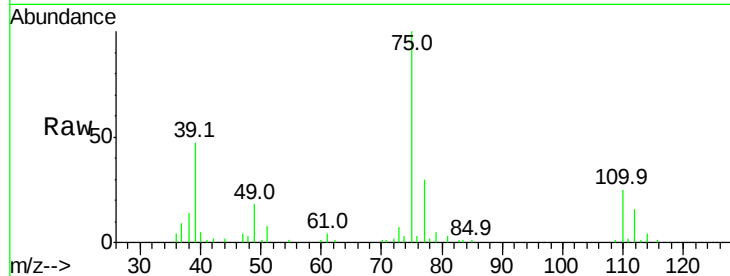
Acq: 10 Oct 2019 11:14

Tgt Ion: 75 Resp: 15120

Ion Ratio Lower Upper

75 100

77 29.8 23.0 42.6



#46

1,1,2-Trichloroethane

Concen: 2.208 ug/L

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW013516.D

Acq: 10 Oct 2019 11:14

Tgt Ion: 97 Resp: 10029

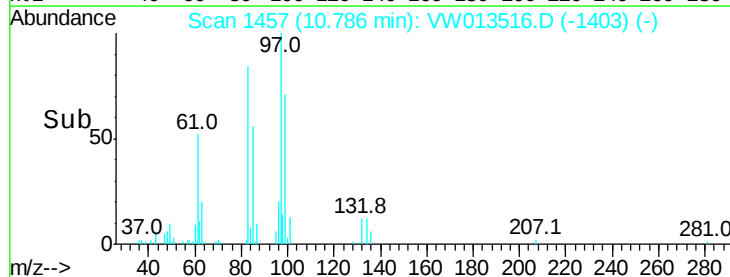
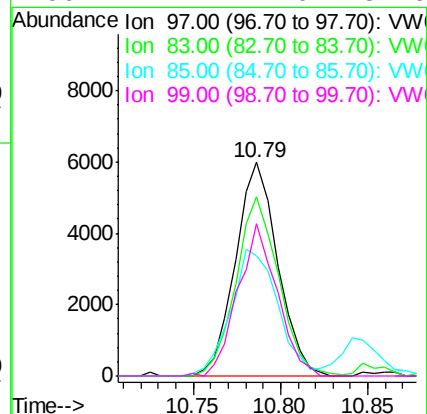
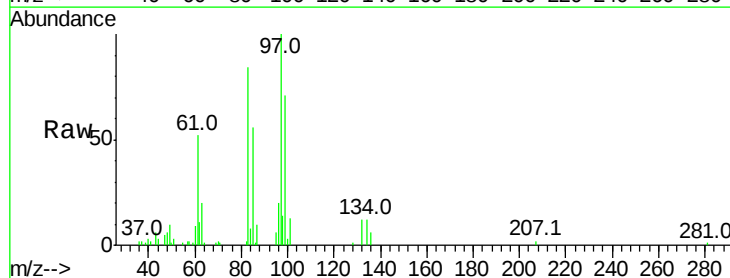
Ion Ratio Lower Upper

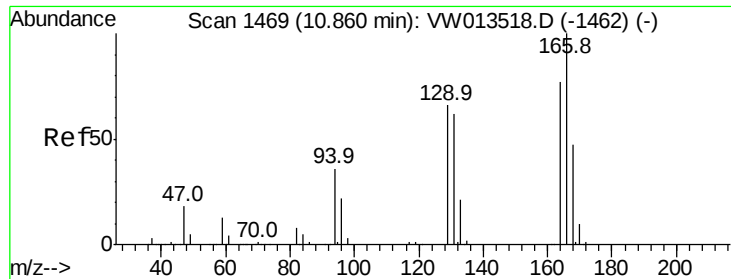
97 100

83 83.9 57.5 106.9

85 56.0 36.8 68.4

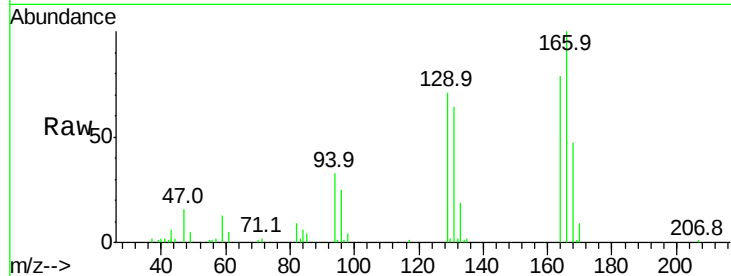
99 71.4 44.0 81.6





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

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



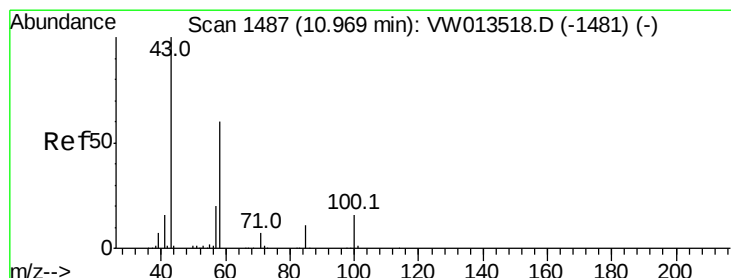
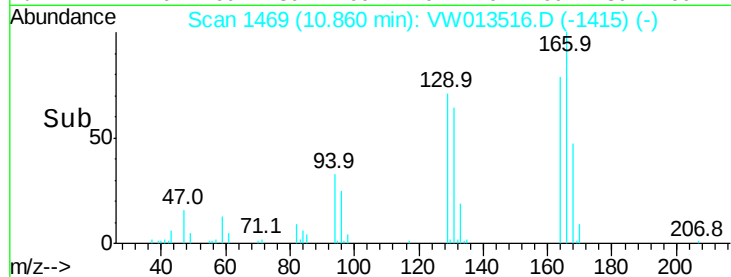
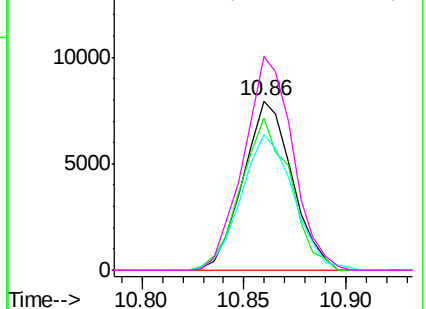
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

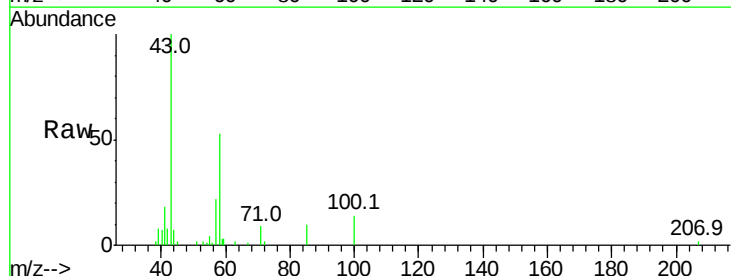
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



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

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



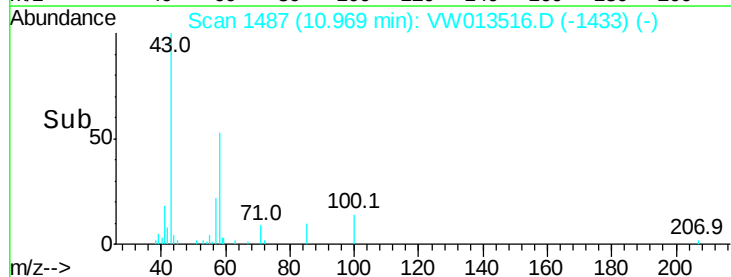
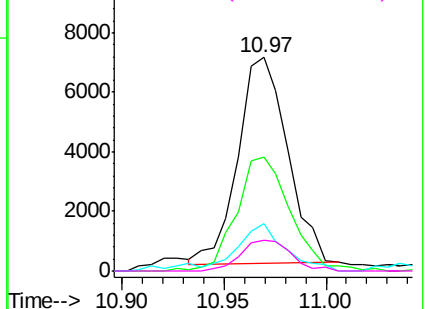
Abundance

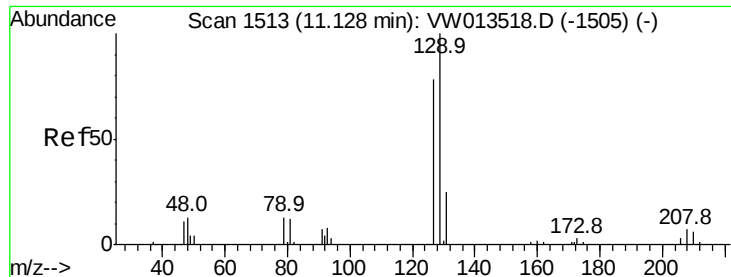
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

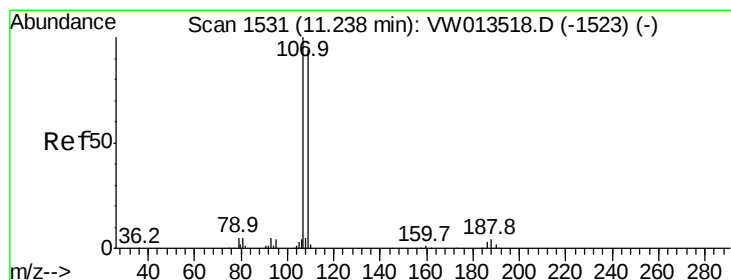
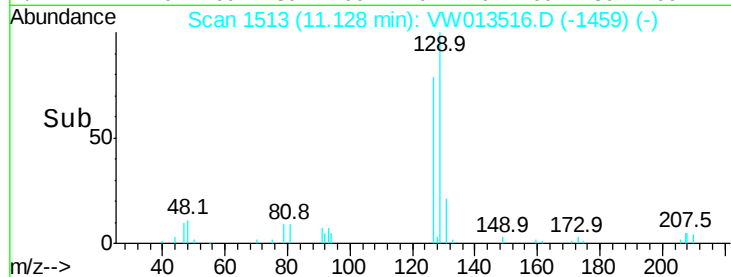
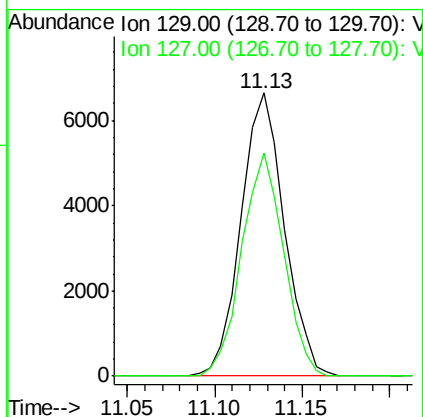
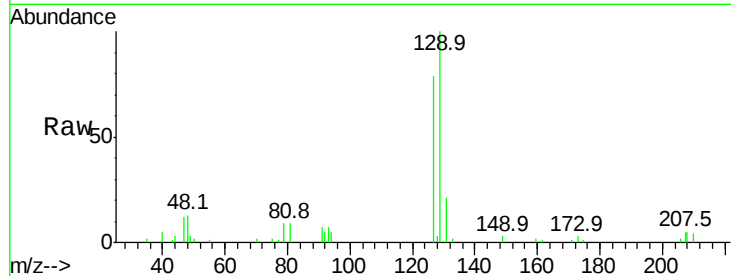
Ion 100.00 (99.70 to 100.70): VW





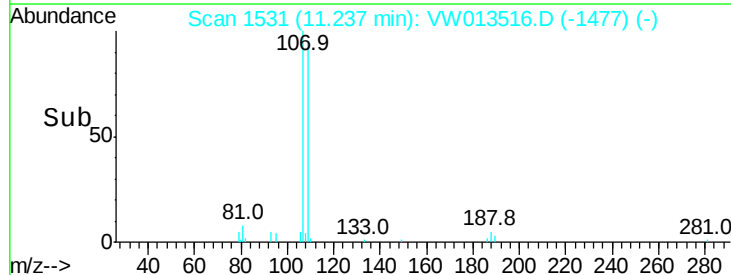
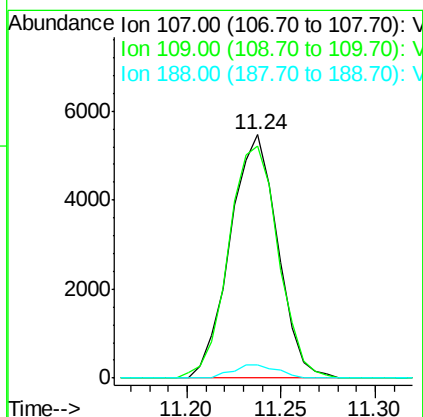
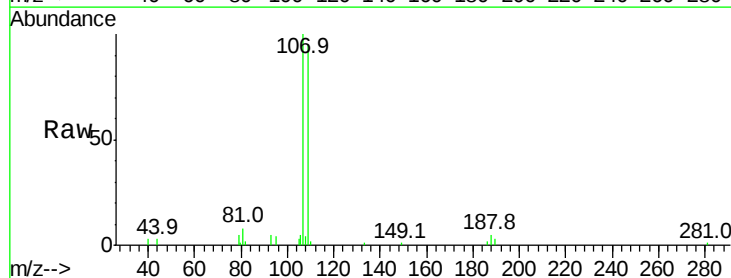
#50
 Dibromochloromethane
 Concen: 2.203 ug/L
 RT: 11.13 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: VW013516.D
 Acq: 10 Oct 2019 11:14

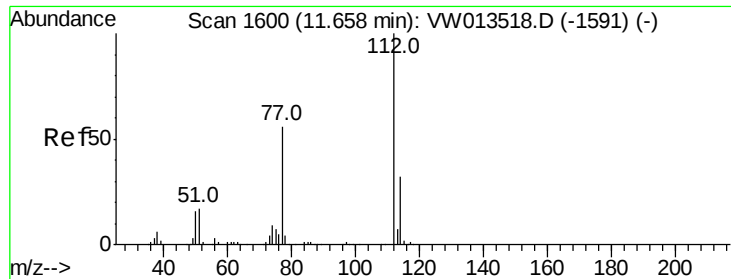
Tgt Ion:129 Resp: 11479
 Ion Ratio Lower Upper
 129 100
 127 79.0 54.7 101.5



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

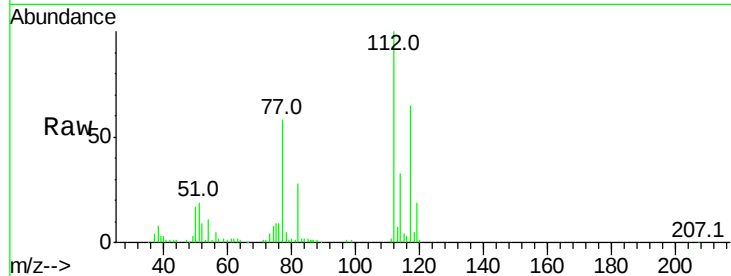
Tgt Ion:107 Resp: 9567
 Ion Ratio Lower Upper
 107 100
 109 95.2 65.5 121.7
 188 5.4 3.6 5.4#



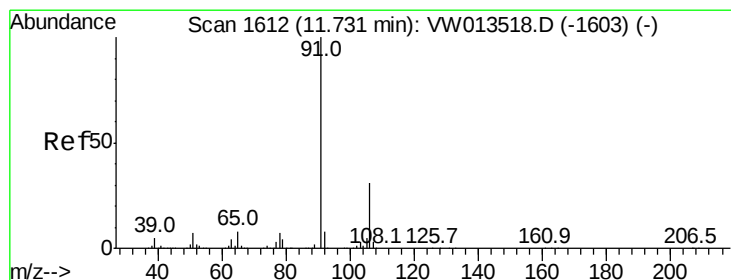
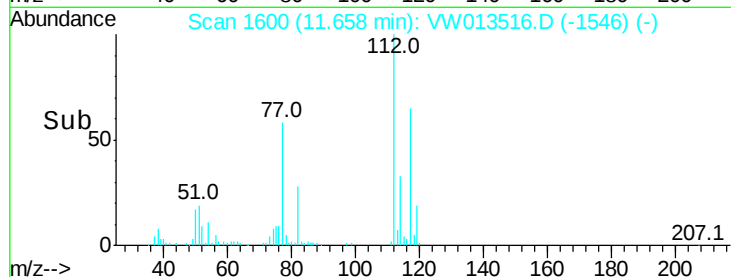
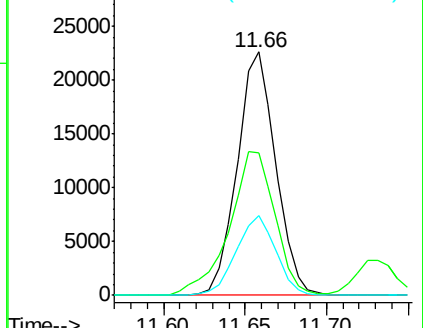


#52
Chlorobenzene
Concen: 2.306 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

Tgt Ion: 112 Resp: 37288
Ion Ratio Lower Upper
112 100
77 58.4 44.5 66.7
114 32.9 22.7 42.3

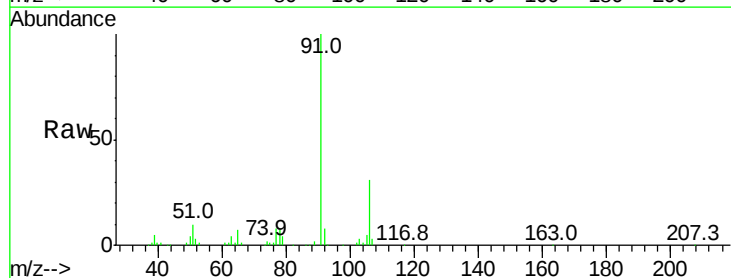


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 77.00 (76.70 to 77.70): VW
Ion 114.00 (113.70 to 114.70): V

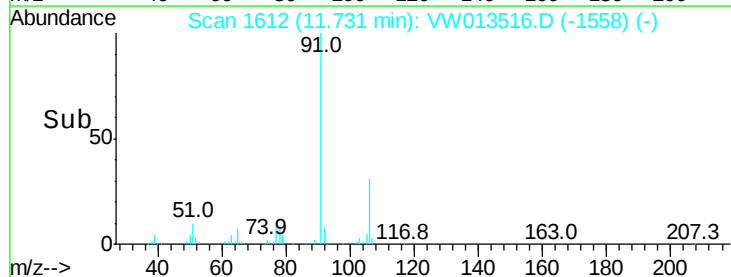
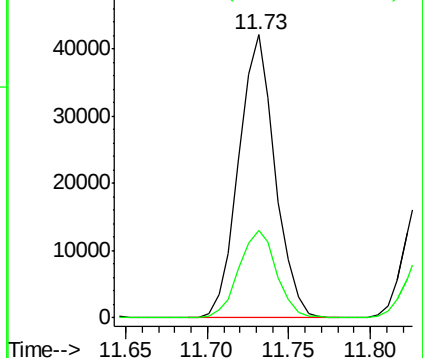


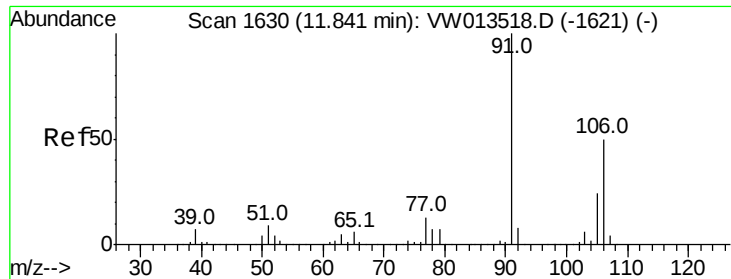
#53
Ethylbenzene
Concen: 2.305 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

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



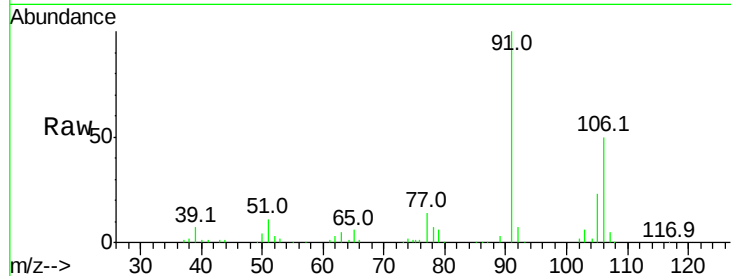
Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 106.00 (105.70 to 106.70): V



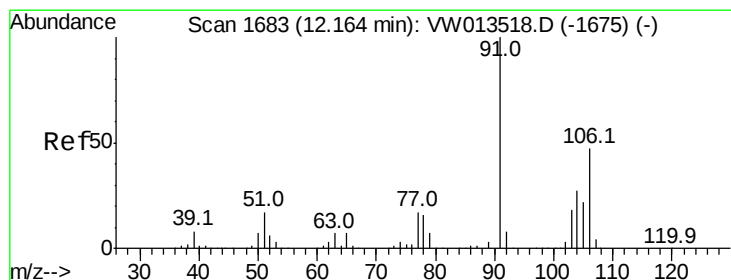
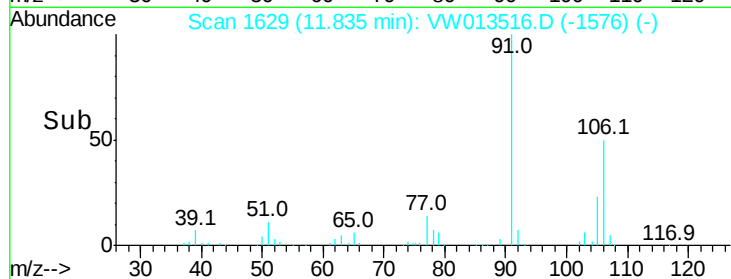
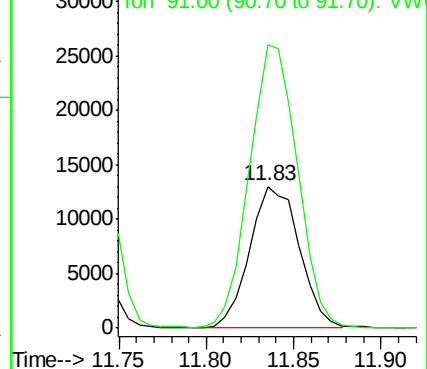


#54
m,p-Xylene
Concen: 2.367 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

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

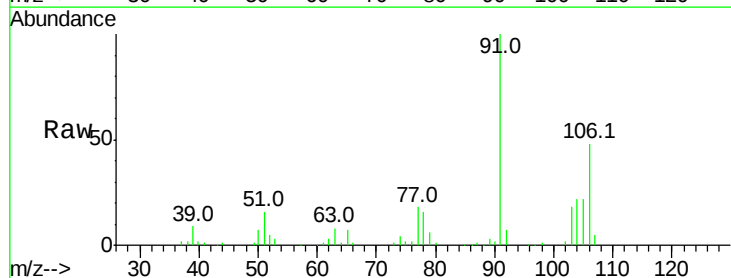


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

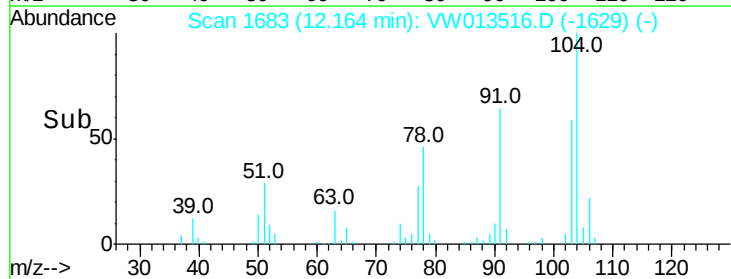
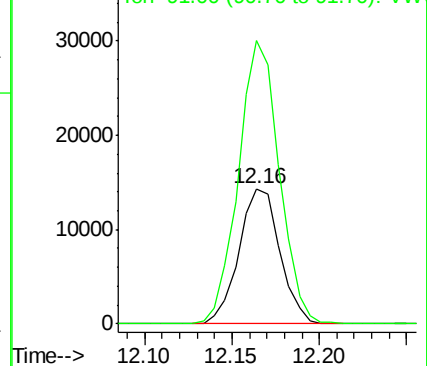


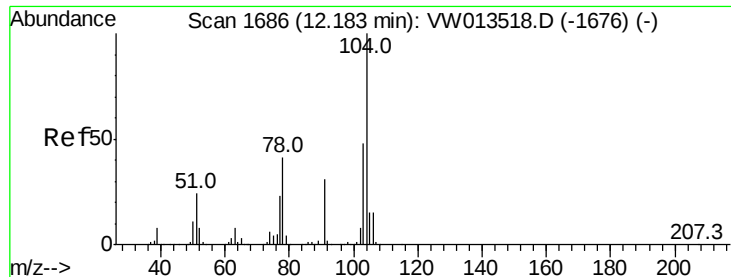
#55
o-xylene
Concen: 2.266 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

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



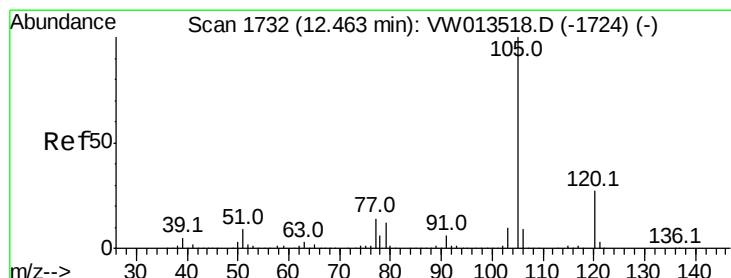
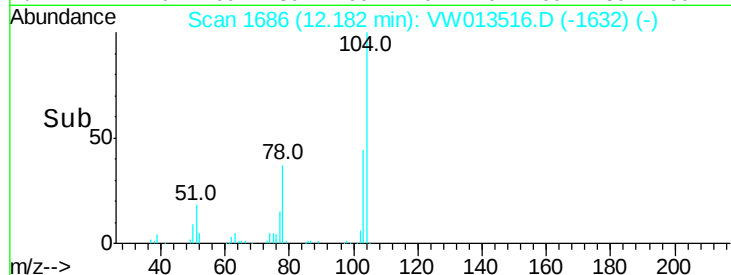
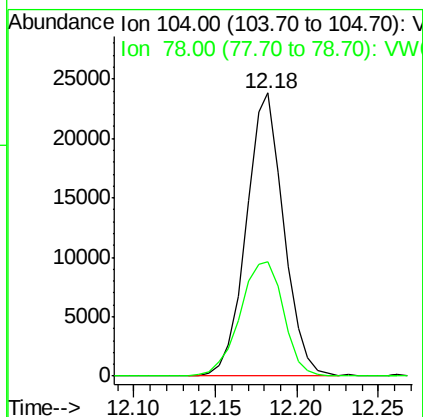
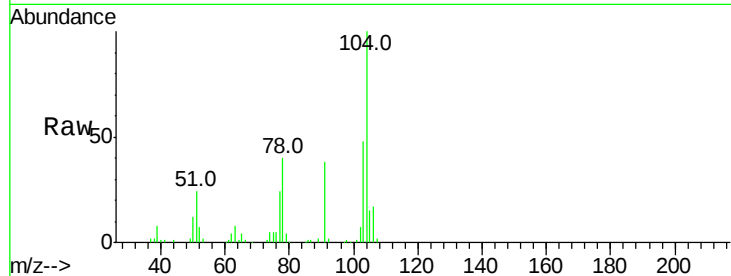
Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW





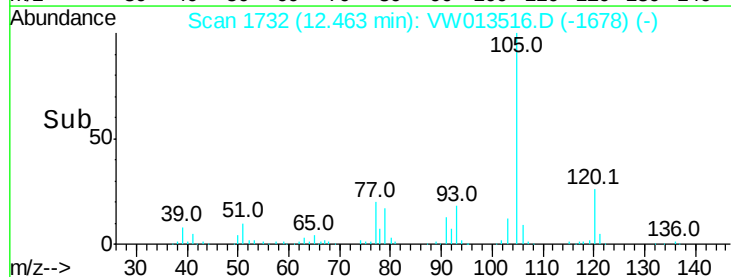
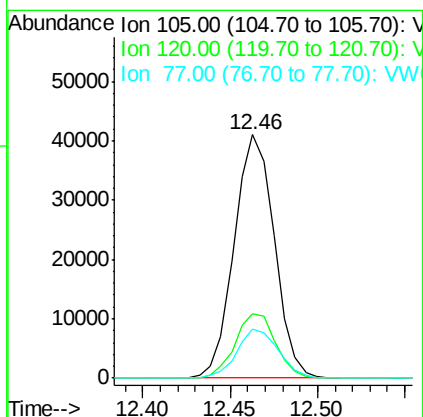
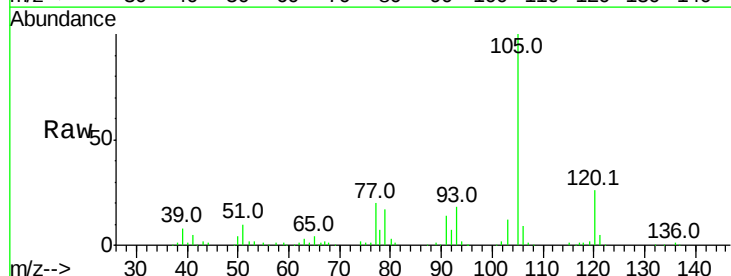
#56
Styrene
Concen: 2.158 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

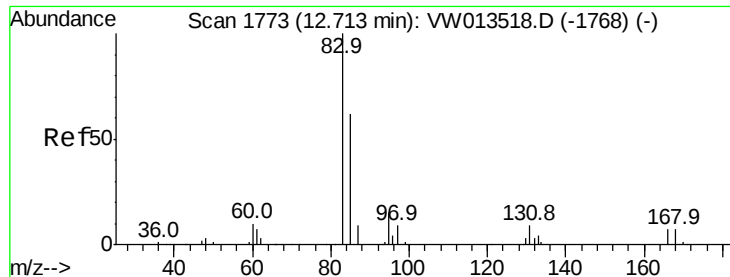
Tgt Ion:104 Resp: 38130
Ion Ratio Lower Upper
104 100
78 40.3 28.4 52.8



#57
Isopropylbenzene
Concen: 2.359 ug/L
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW013516.D
Acq: 10 Oct 2019 11:14

Tgt Ion:105 Resp: 65729
Ion Ratio Lower Upper
105 100
120 26.7 21.7 32.5
77 21.1 11.8 17.6#

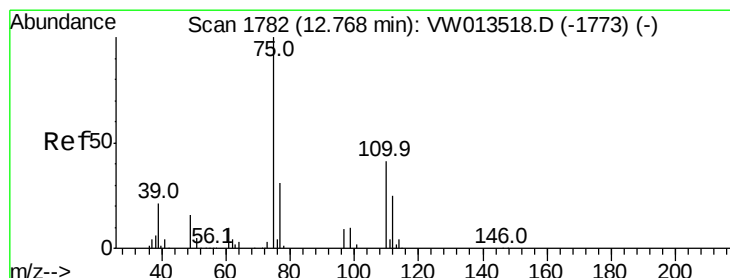
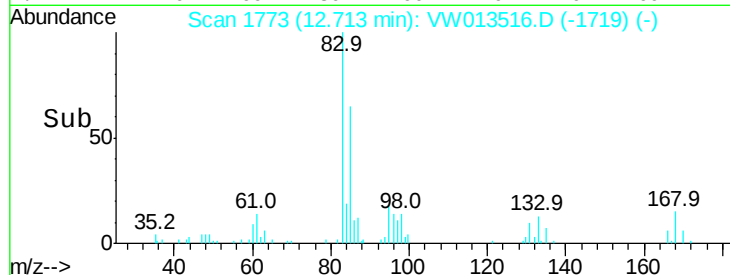
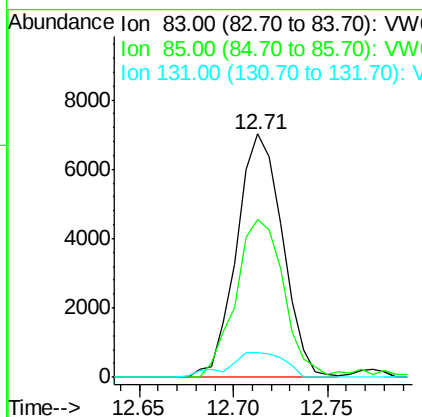
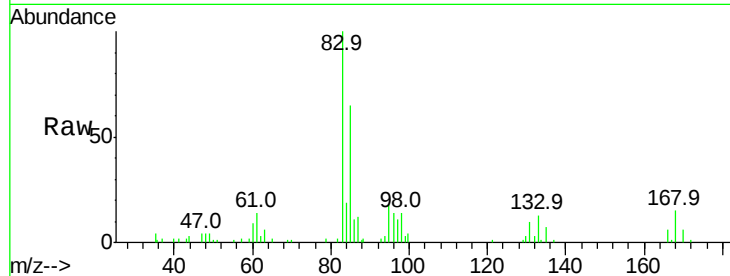




#58
 1,1,2,2-Tetrachloroethane
 Concen: 2.122 ug/L
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: VW013516.D
 Acq: 10 Oct 2019 11:14

Tgt Ion: 83 Resp: 11878

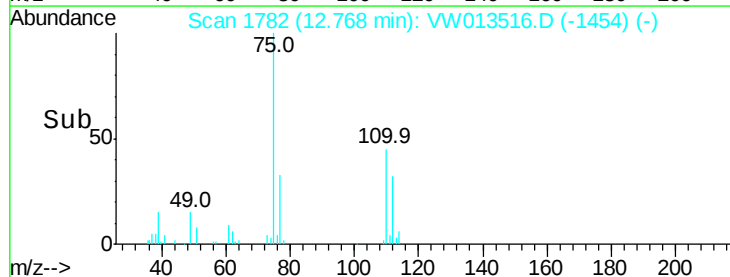
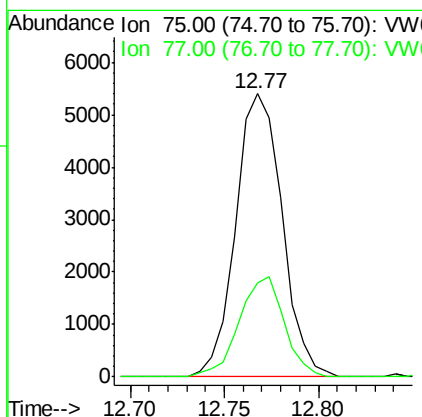
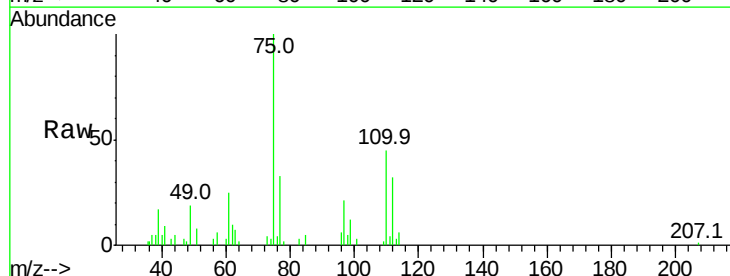
Ion	Ratio	Lower	Upper
83	100		
85	64.8	44.7	83.1
131	10.3	7.8	11.6

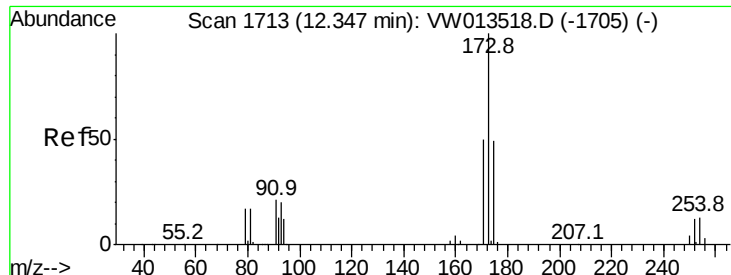


#59
 1,2,3-Trichloropropane
 Concen: 2.208 ug/L
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW013516.D
 Acq: 10 Oct 2019 11:14

Tgt Ion: 75 Resp: 9222

Ion	Ratio	Lower	Upper
75	100		
77	34.3	25.5	38.3





#62

Bromoform

Concen: 2.110 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW013516.D

Acq: 10 Oct 2019 11:14

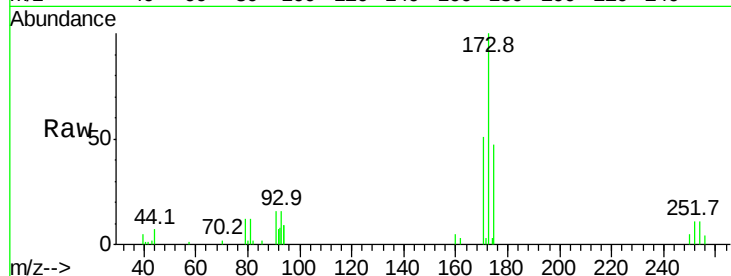
Tgt Ion:173 Resp: 6879

Ion Ratio Lower Upper

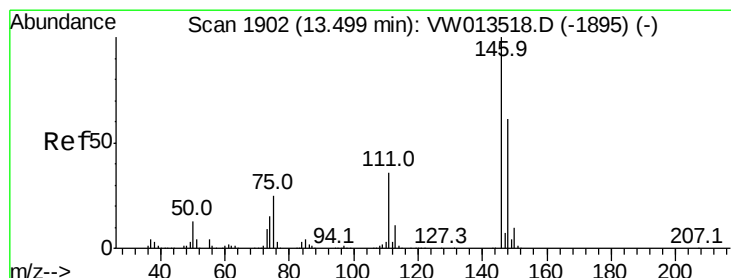
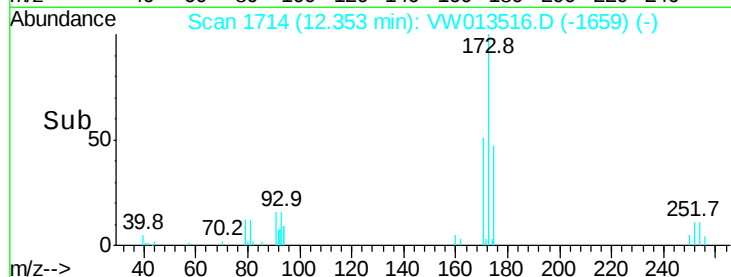
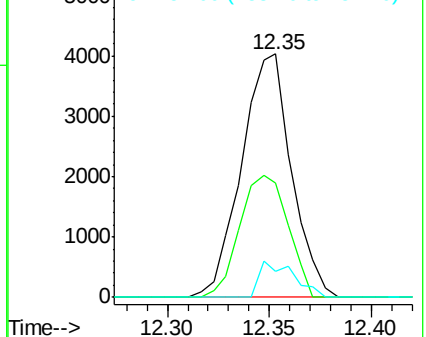
173 100

175 48.2 39.0 58.6

254 10.3 10.1 15.1



Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V



#63

1,3-Dichlorobenzene

Concen: 2.341 ug/L

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW013516.D

Acq: 10 Oct 2019 11:14

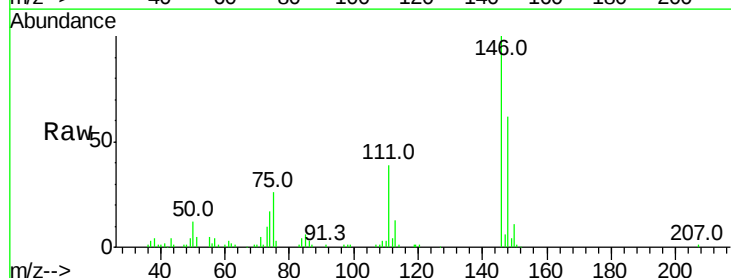
Tgt Ion:146 Resp: 29696

Ion Ratio Lower Upper

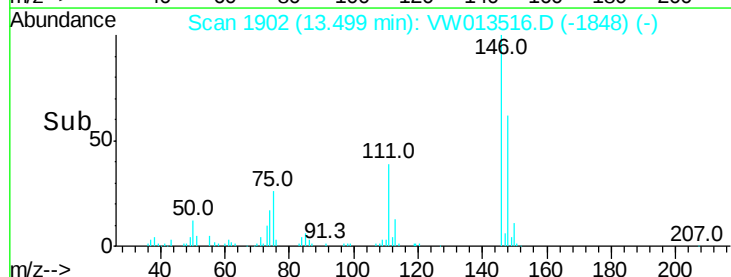
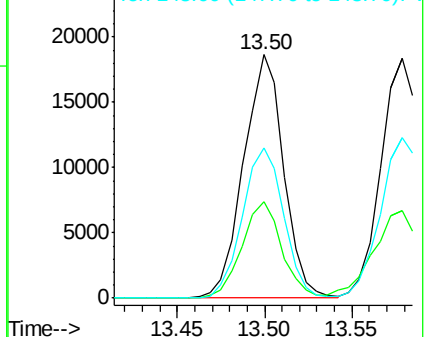
146 100

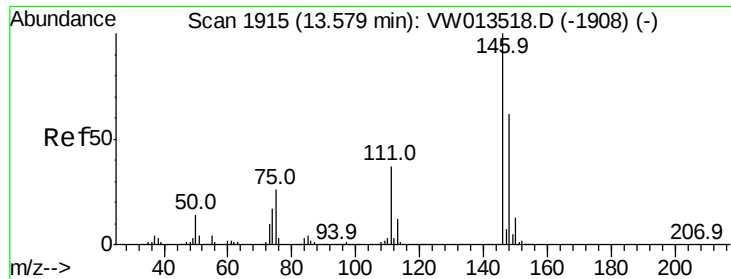
111 39.5 25.3 46.9

148 61.7 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: 2.321 ug/L

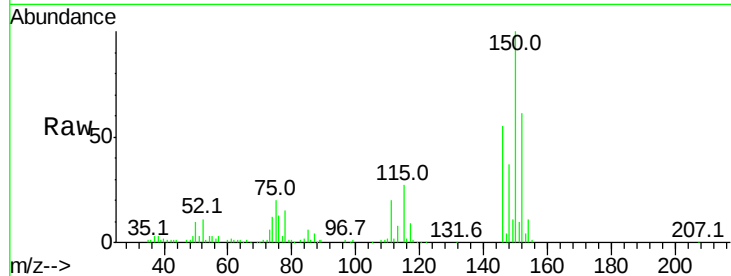
RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

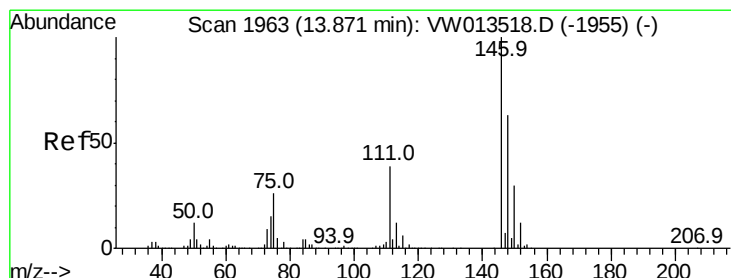
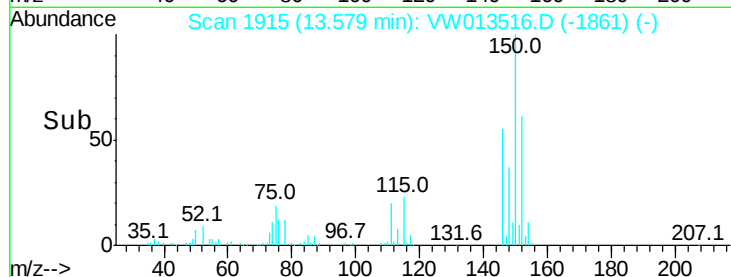
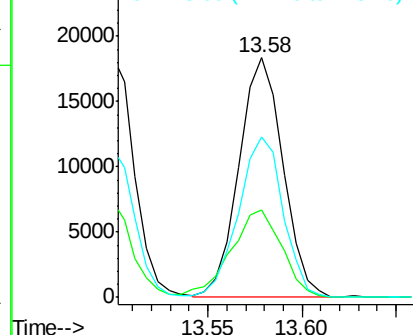
Lab File: VW013516.D

Acq: 10 Oct 2019 11:14

Tgt Ion:	146	Resp:	29739
Ion	Ratio	Lower	Upper
146	100		
111	36.4	25.8	47.8
148	67.1	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: 2.281 ug/L

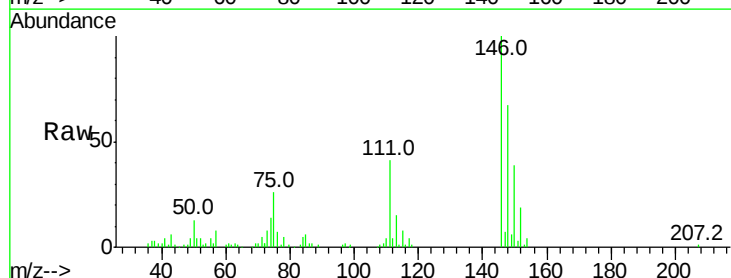
RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

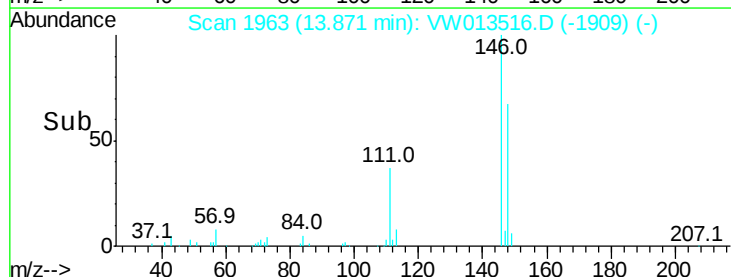
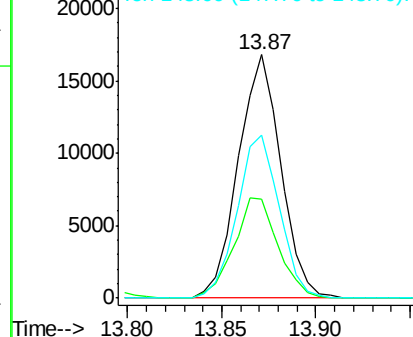
Lab File: VW013516.D

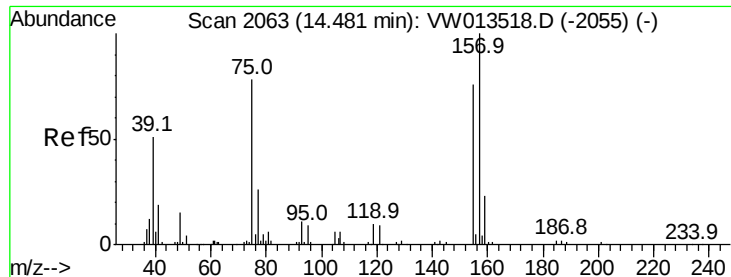
Acq: 10 Oct 2019 11:14

Tgt Ion:	146	Resp:	26327
Ion	Ratio	Lower	Upper
146	100		
111	40.7	31.0	46.4
148	67.2	50.3	75.5



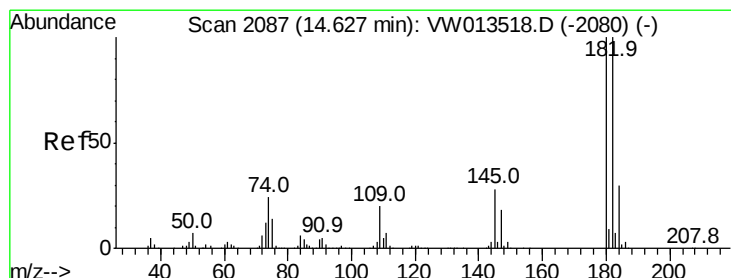
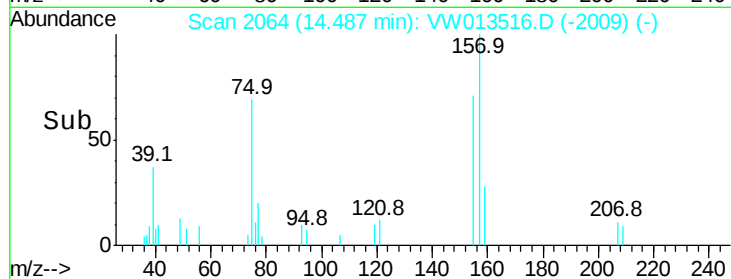
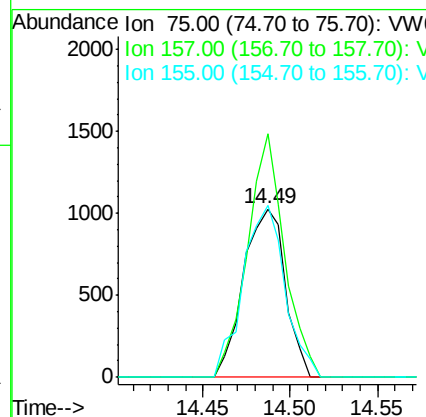
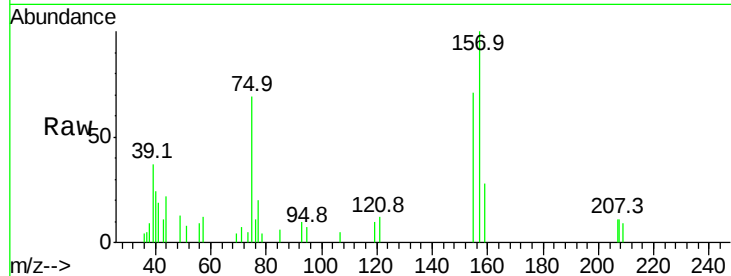
Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





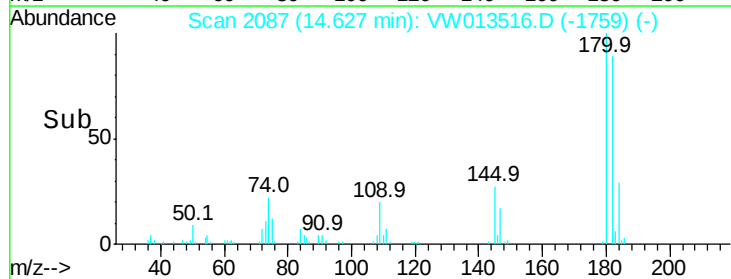
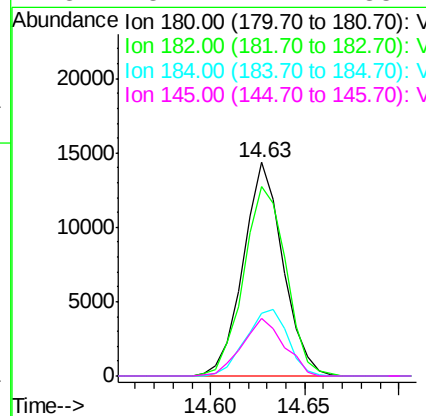
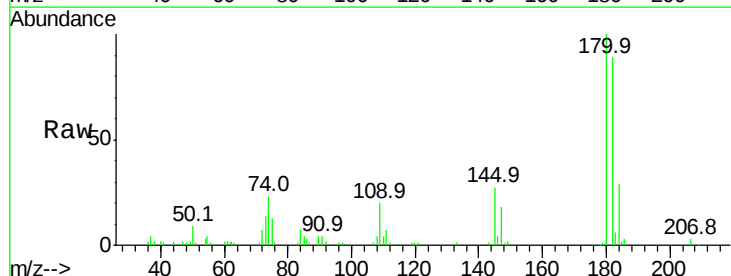
#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.867 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW013516.D
 Acq: 10 Oct 2019 11:14

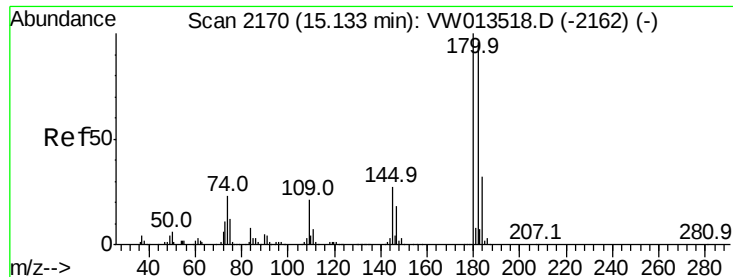
Tgt Ion: 75 Resp: 1697
 Ion Ratio Lower Upper
 75 100
 157 144.7 102.0 153.0
 155 102.4 77.6 116.4



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

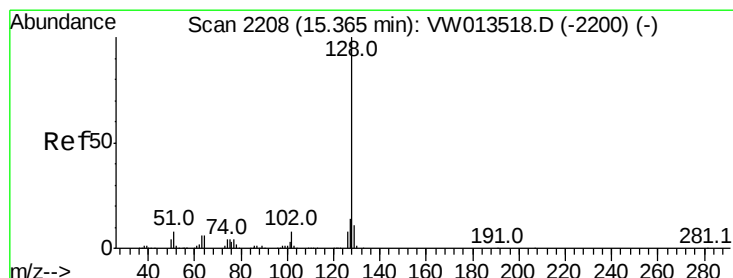
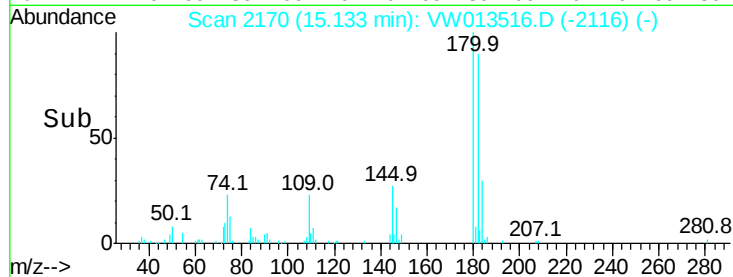
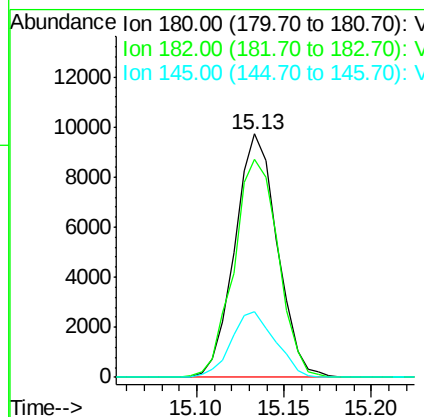
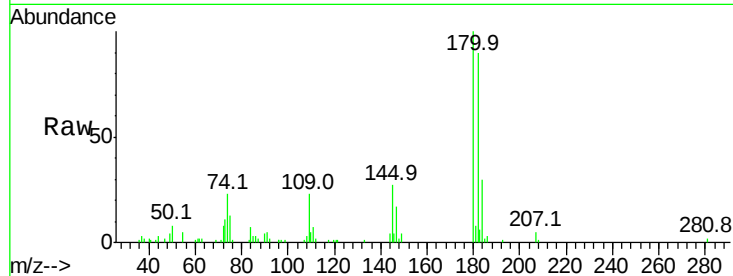
Tgt Ion: 180 Resp: 21047
 Ion Ratio Lower Upper
 180 100
 182 94.4 77.0 115.4
 184 32.8 24.7 37.1
 145 28.2 22.2 33.2





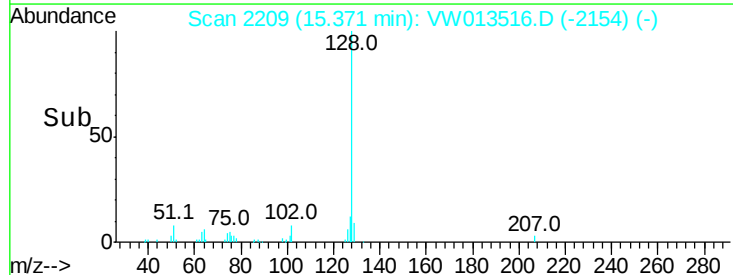
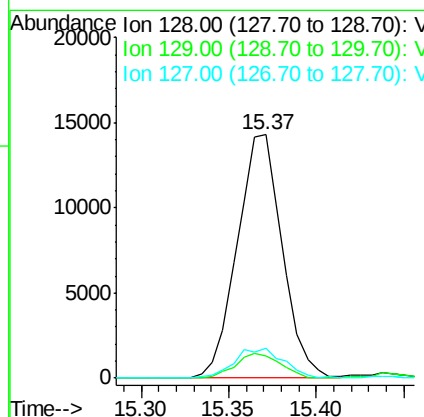
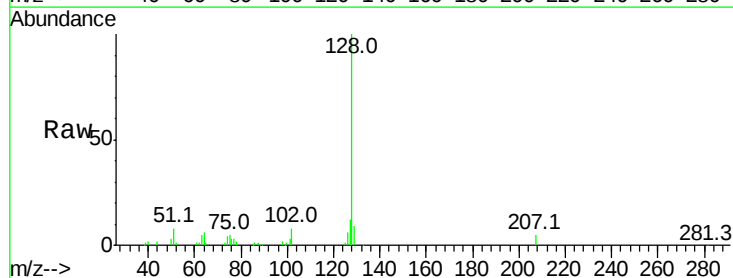
#68
 1,2,4-trichlorobenzene
 Concen: 2.107 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013516.D
 Acq: 10 Oct 2019 11:14

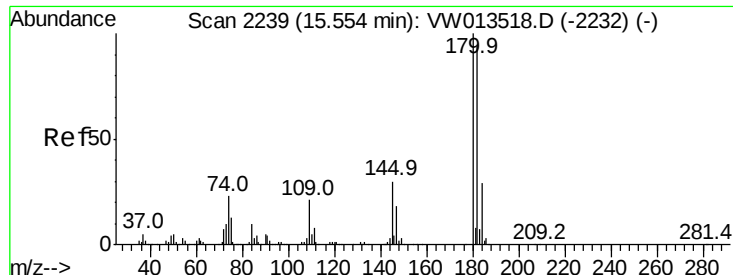
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	78.2	117.2
145	27.9	22.8	34.2



#69
 Naphthalene
 Concen: 1.724 ug/L
 RT: 15.37 min Scan# 2209
 Delta R.T. 0.01 min
 Lab File: VW013516.D
 Acq: 10 Oct 2019 11:14

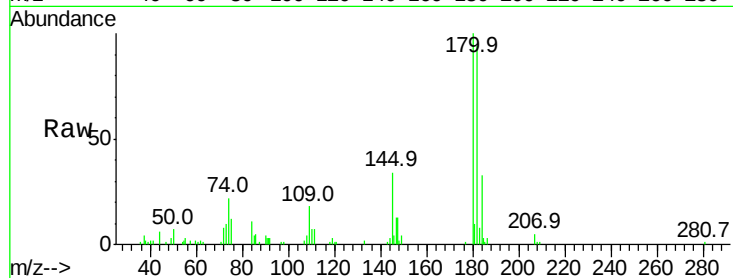
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.5	12.7
127	13.4	10.4	15.6





#70
 1,2,3-Trichlorobenzene
 Concen: 2.025 ug/L
 RT: 15.56 min Scan# 2240
 Delta R.T. 0.01 min
 Lab File: VW013516.D
 Acq: 10 Oct 2019 11:14

Tgt Ion:	180	Resp:	14360
Ion Ratio	Lower	Upper	
180	100		
182	97.3	76.0	114.0
145	32.1	23.1	34.7



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

