

Data File : VW011018.D
Acq On : 27 Jun 2019 13:18
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 28 04:10:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 28 04:07:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	367324	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	333893	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	163981	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	109490	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.00%
7) Chloroethane-d5	2.89	69	85640	23.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.32%
10) 1,1-Dichloroethene-d2	4.02	63	263842	23.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.80%
20) 2-Butanone-d5	7.07	46	102343	45.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.54%
24) Chloroform-d	7.65	84	234985	23.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.88%
26) 1,2-Dichloroethane-d4	8.31	65	142688	23.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.96%
29) Benzene-d6	8.27	84	472595	23.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.32%
33) 1,2-Dichloropropane-d6	9.27	67	155542	23.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.92%
37) Toluene-d8	10.32	98	422144	23.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.36%
38) trans-1,3-Dichloropropene-	10.58	79	63347	21.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.44%
39) 2-Hexanone-d5	10.92	63	66140	44.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127740	23.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	145865	23.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.24%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	123977	24.011 ug/L	98
3) Chloromethane	2.21	50	117800	21.458 ug/L	100
5) Vinyl chloride	2.36	62	170784	26.020 ug/L	99
6) Bromomethane	2.78	94	78275	24.161 ug/L	100
8) Chloroethane	2.92	64	87833	25.267 ug/L	97
9) Trichlorofluoromethane	3.25	101	54147	24.428 ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	129018	25.045 ug/L	99
12) 1,1-Dichloroethene	4.04	96	127015	24.703 ug/L	97
13) Acetone	4.12	43	101156	47.243 ug/L	97
14) Carbon disulfide	4.39	76	363332	23.867 ug/L	100
15) Methyl Acetate	4.67	43	83309	22.477 ug/L	100
16) Methylene chloride	4.92	84	135061	24.827 ug/L	97
17) Methyl tert-butyl Ether	5.42	73	189100	23.490 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	126187	24.406 ug/L	98
19) 1,1-Dichloroethane	6.21	63	258577	24.487 ug/L	99
21) 2-Butanone	7.17	43	129371	45.943 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	136807	24.592 ug/L	96

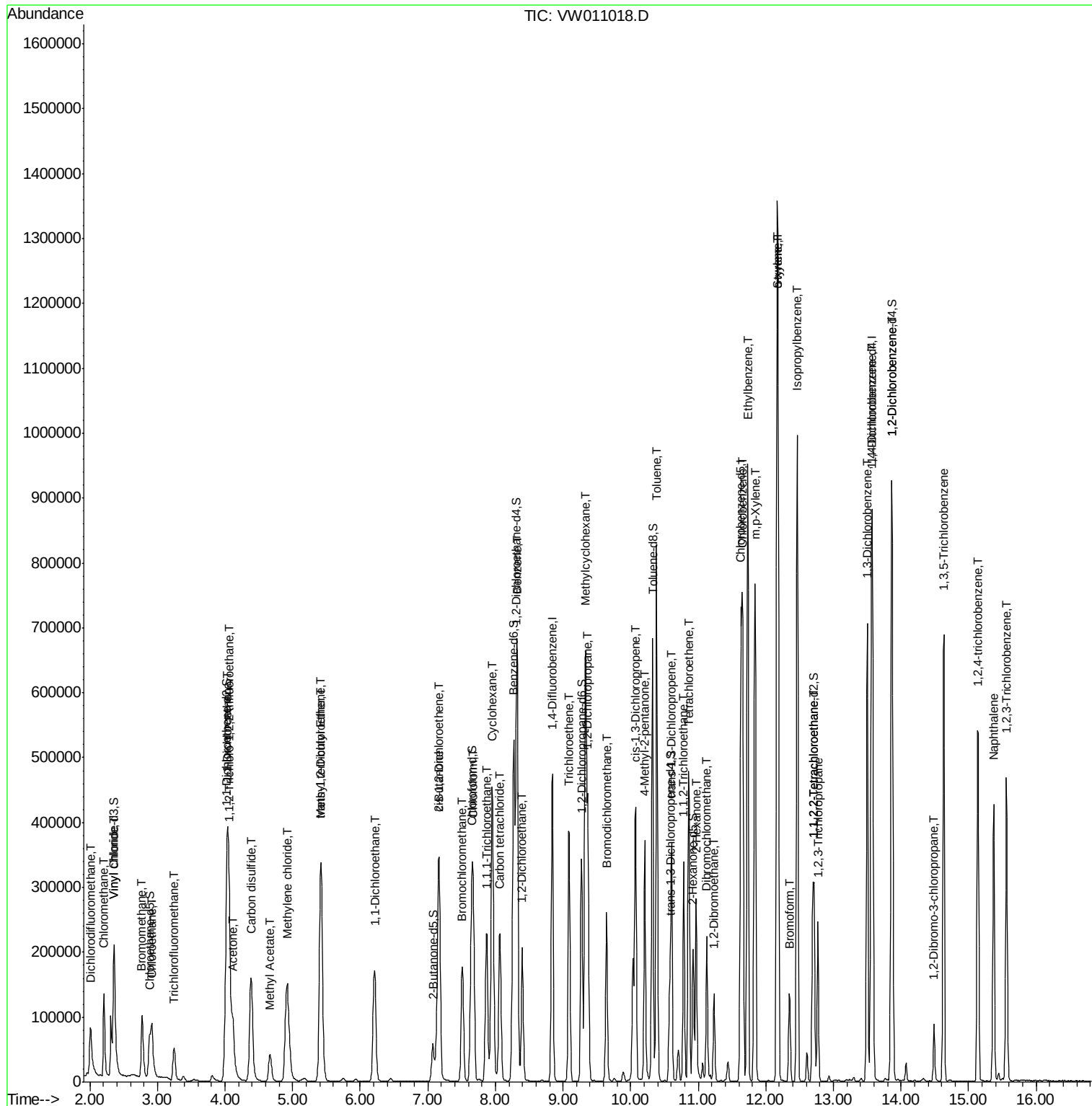
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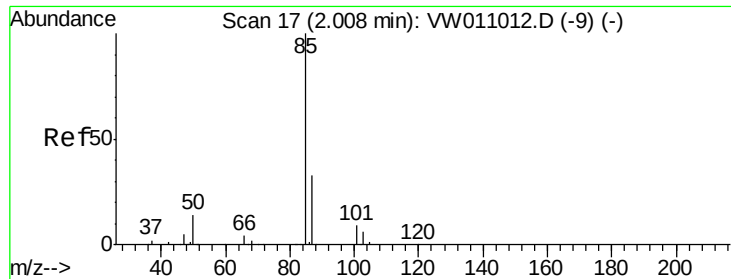
Quant Time: Jun 28 04:10:52 2019
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Quant Title : VOC Analysis
QLast Update : Fri Jun 28 04:07:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	56417	23.845	ug/L	98
25) Chloroform	7.67	83	240310	24.803	ug/L	99
27) 1,2-Dichloroethane	8.40	62	181166	23.863	ug/L	100
30) Cyclohexane	7.95	56	270054	24.459	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	180219	24.818	ug/L	99
32) Carbon tetrachloride	8.07	117	170829	24.905	ug/L	99
34) Benzene	8.32	78	543822	24.785	ug/L	100
35) Trichloroethene	9.09	95	136136	24.467	ug/L	100
36) Methylcyclohexane	9.34	83	253201	24.792	ug/L	100
40) 1,2-Dichloropropane	9.37	63	148383	24.570	ug/L	99
41) Bromodichloromethane	9.64	83	171079	24.140	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	223799	24.090	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	257747	45.992	ug/L	100
44) Toluene	10.38	91	572312	24.945	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	183317	23.871	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	98725	23.854	ug/L	99
47) Tetrachloroethene	10.86	164	103098	24.432	ug/L	95
49) 2-Hexanone	10.97	43	186846	46.863	ug/L	99
50) Dibromochloromethane	11.13	129	108070	23.714	ug/L	98
51) 1,2-Dibromoethane	11.24	107	93423	23.341	ug/L	98
52) Chlorobenzene	11.66	112	340022	24.628	ug/L	99
53) Ethylbenzene	11.73	91	644271	24.925	ug/L	100
54) m,p-Xylene	11.84	106	235073	25.062	ug/L	98
55) o-xylene	12.16	106	223146	24.793	ug/L	99
56) Styrene	12.18	104	386970	24.932	ug/L	98
57) Isopropylbenzene	12.46	105	612756	25.094	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	128471	23.740	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	95994	22.846	ug/L	98
62) Bromoform	12.35	173	58861	22.426	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	259143	24.274	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	263442	24.565	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	241584	24.467	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	20996	20.781	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	202173	24.880	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	166681	24.203	ug/L	99
69) Naphthalene	15.37	128	342158	23.283	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	150638	24.081	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 24.011 ug/L

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW011018.D

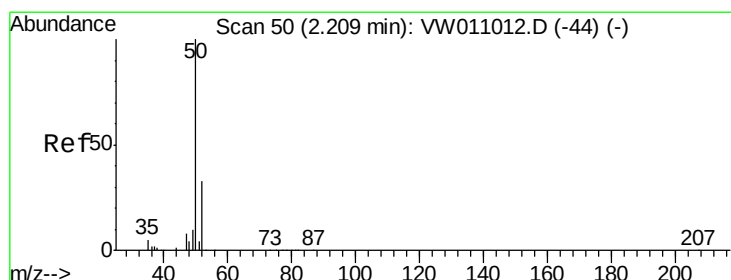
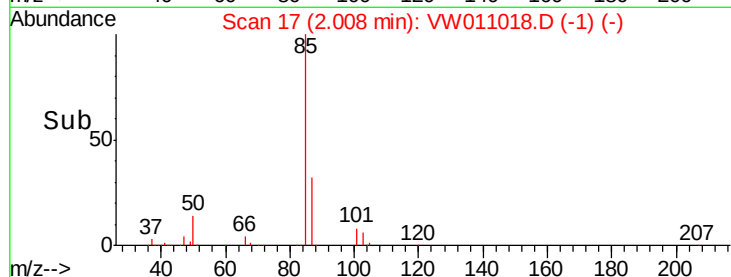
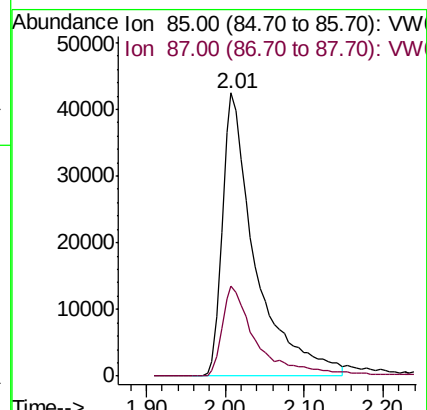
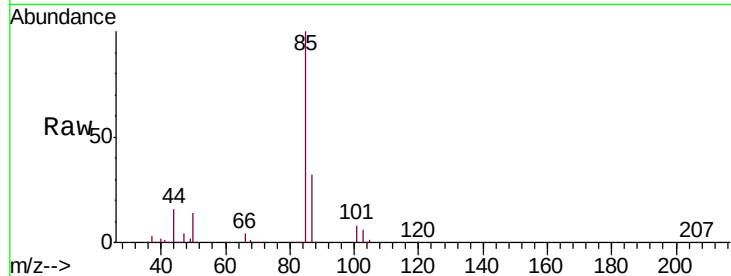
Acq: 27 Jun 2019 13:18

Tgt Ion: 85 Resp: 123977

Ion Ratio Lower Upper

85 100

87 32.3 21.8 40.6



#3

Chloromethane

Concen: 21.458 ug/L

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW011018.D

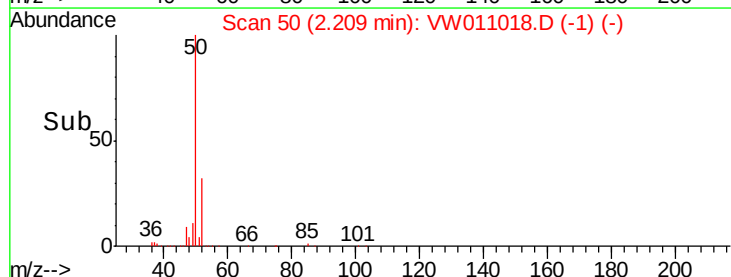
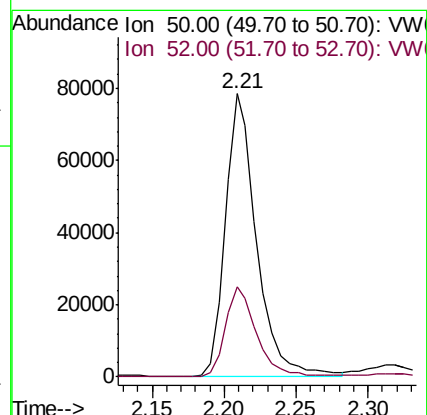
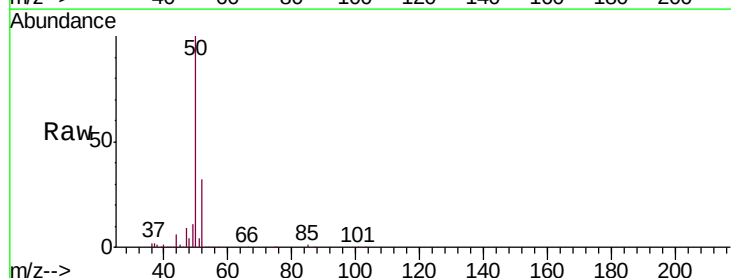
Acq: 27 Jun 2019 13:18

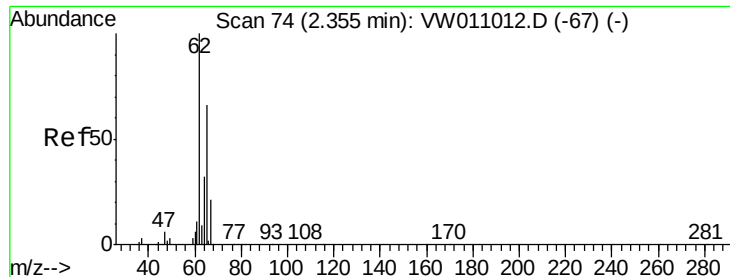
Tgt Ion: 50 Resp: 117800

Ion Ratio Lower Upper

50 100

52 31.9 22.3 41.5





#5

Vinyl chloride

Concen: 26.020 ug/L

RT: 2.36 min Scan# 75

Delta R.T. 0.01 min

Lab File: VW011018.D

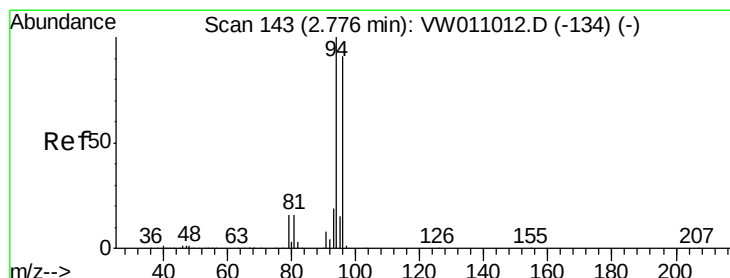
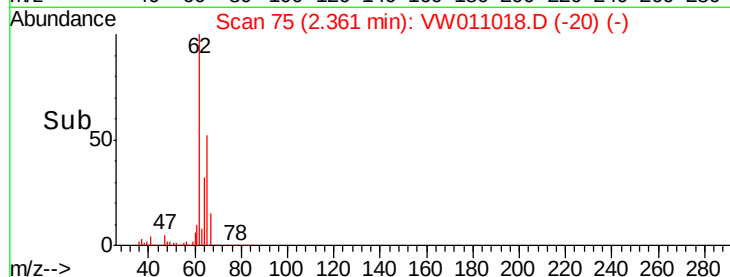
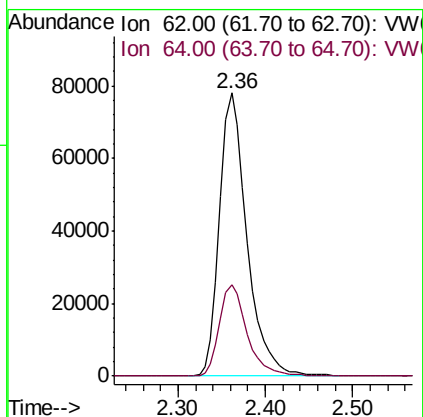
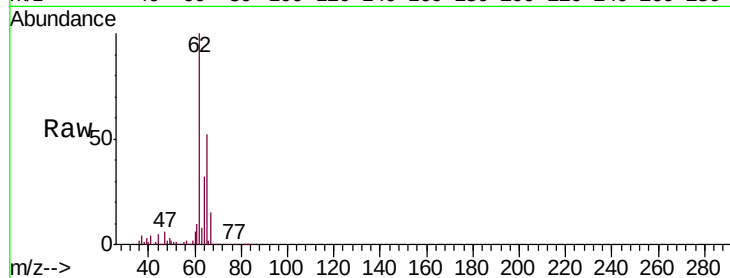
Acq: 27 Jun 2019 13:18

Tgt Ion: 62 Resp: 170784

Ion Ratio Lower Upper

62 100

64 32.1 22.9 42.5



#6

Bromomethane

Concen: 24.161 ug/L

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW011018.D

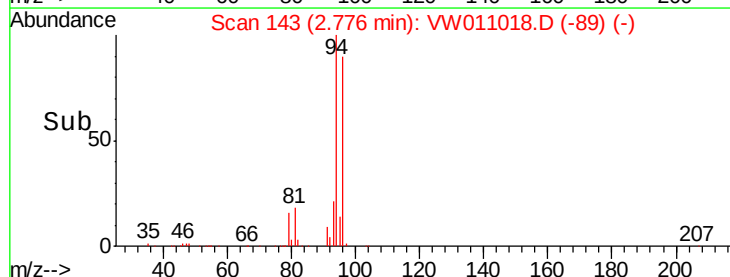
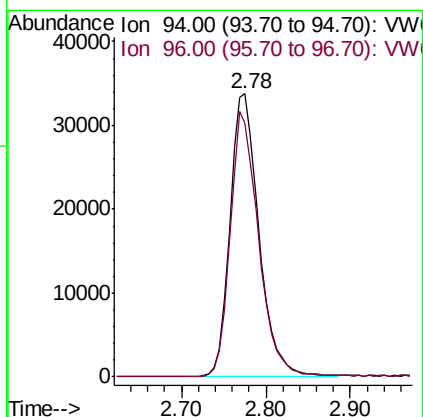
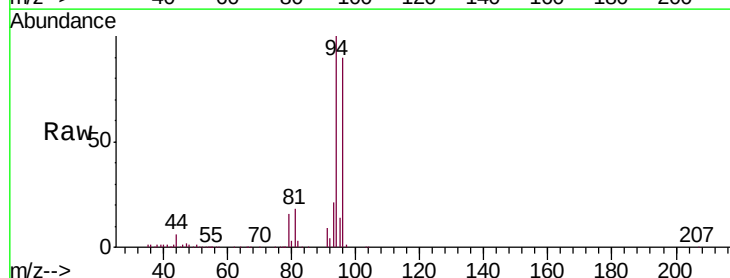
Acq: 27 Jun 2019 13:18

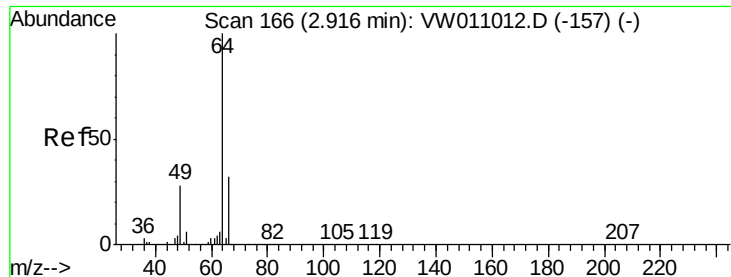
Tgt Ion: 94 Resp: 78275

Ion Ratio Lower Upper

94 100

96 92.8 9.2 175.8





#8

Chloroethane

Concen: 25.267 ug/L

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW011018.D

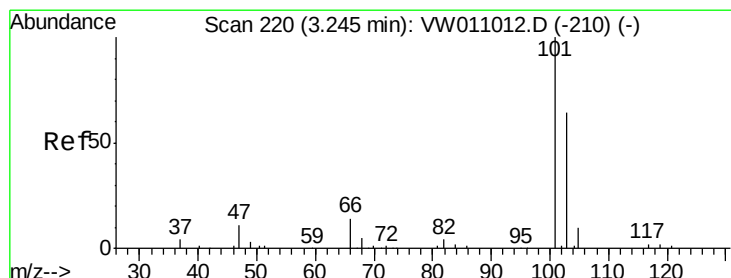
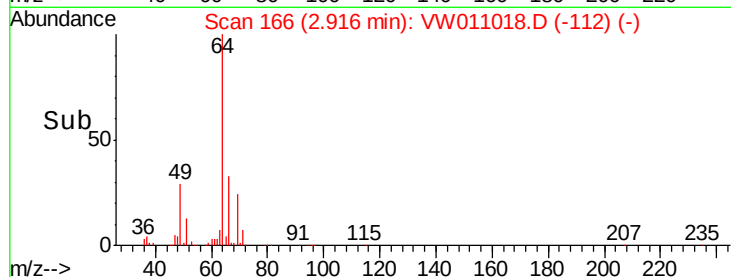
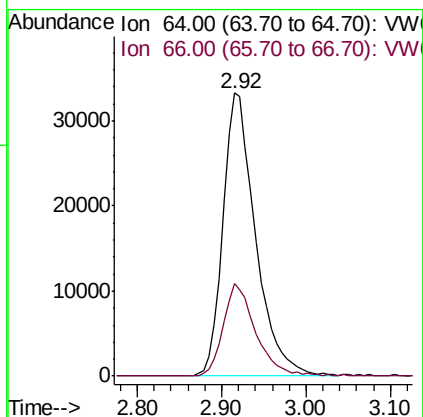
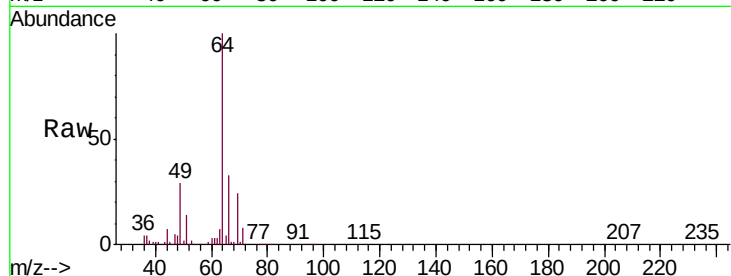
Acq: 27 Jun 2019 13:18

Tgt Ion: 64 Resp: 87833

Ion Ratio Lower Upper

64 100

66 32.7 21.8 40.4



#9

Trichlorofluoromethane

Concen: 24.428 ug/L

RT: 3.25 min Scan# 220

Delta R.T. -0.00 min

Lab File: VW011018.D

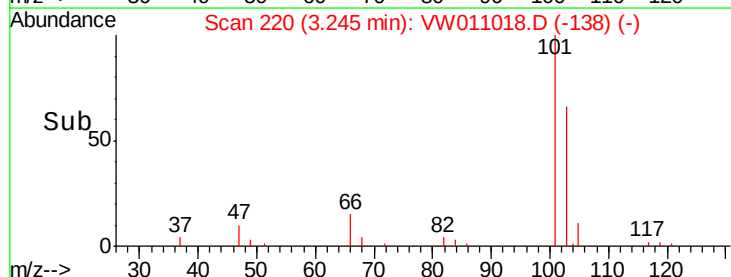
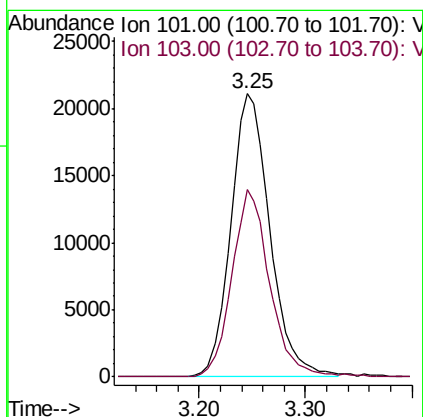
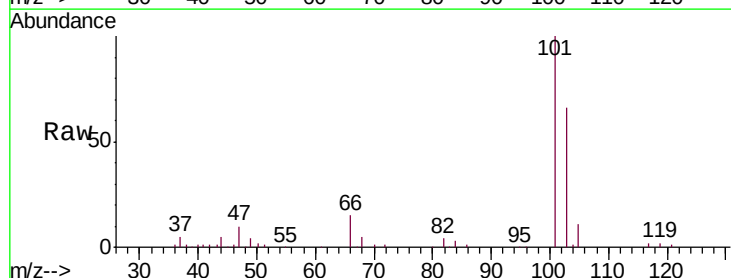
Acq: 27 Jun 2019 13:18

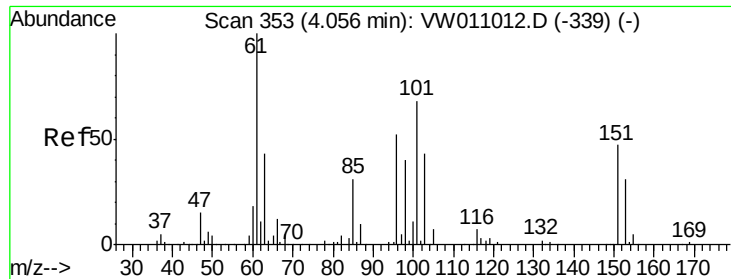
Tgt Ion: 101 Resp: 54147

Ion Ratio Lower Upper

101 100

103 63.7 46.4 86.2





#11

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

Concen: 25.045 ug/L

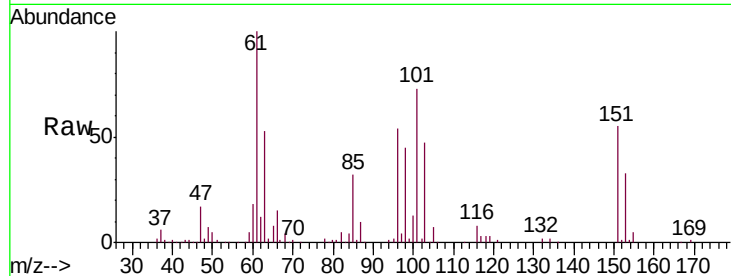
RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

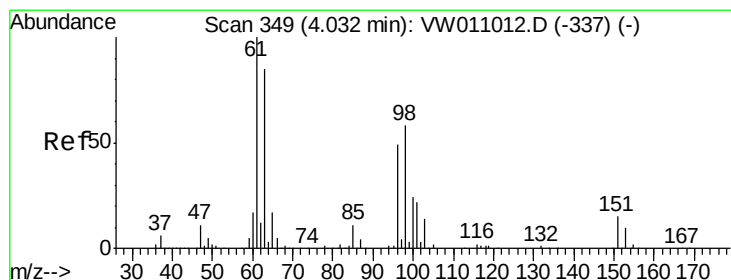
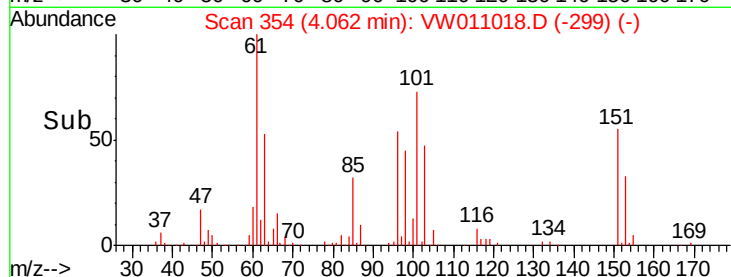
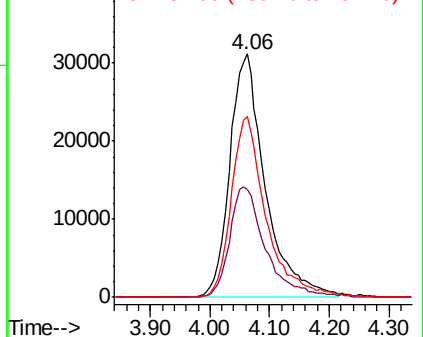
Lab File: VW011018.D

Acq: 27 Jun 2019 13:18

Tgt Ion:	101	Resp:	129018
Ion	Ratio	Lower	Upper
101	100		
85	45.6	35.8	53.8
151	71.2	56.9	85.3



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: 24.703 ug/L

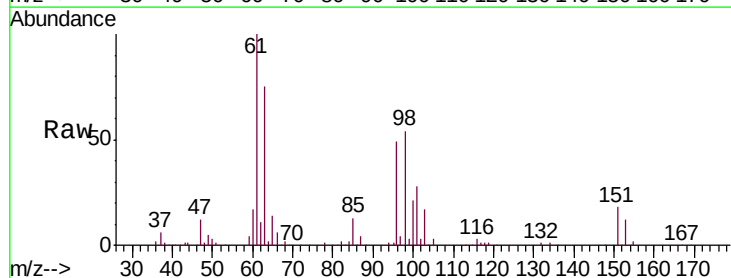
RT: 4.04 min Scan# 350

Delta R.T. 0.01 min

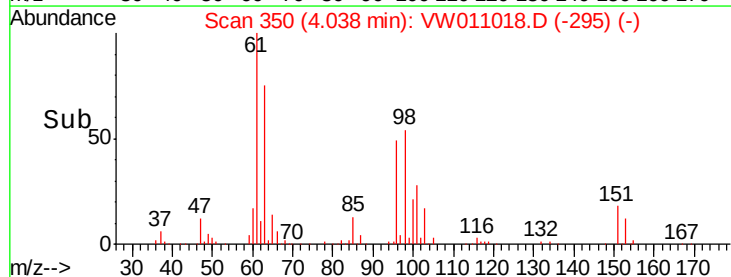
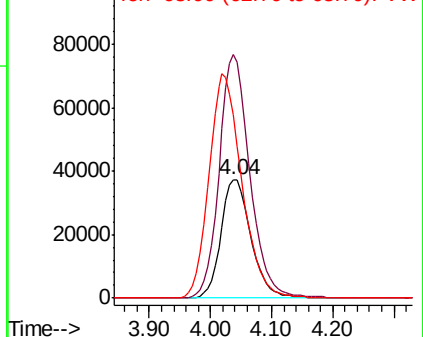
Lab File: VW011018.D

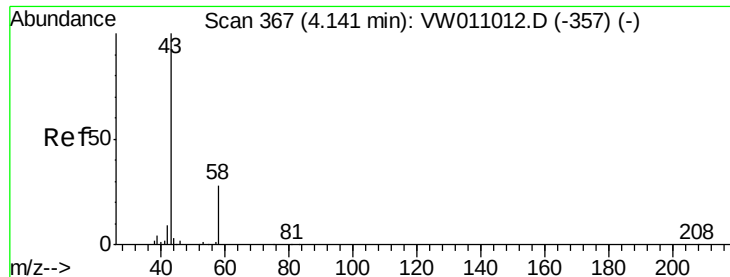
Acq: 27 Jun 2019 13:18

Tgt Ion:	96	Resp:	127015
Ion	Ratio	Lower	Upper
96	100		
61	204.9	144.5	268.3
63	154.6	102.3	189.9



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: 47.243 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW011018.D

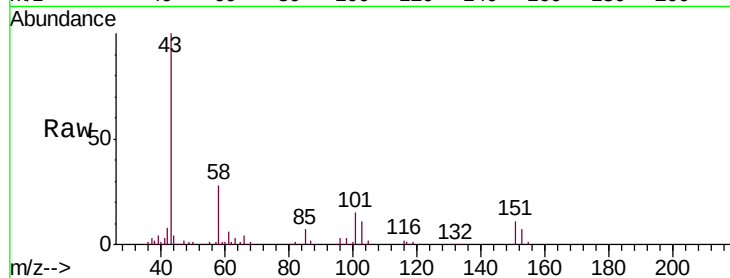
Acq: 27 Jun 2019 13:18

Tgt Ion: 43 Resp: 101156

Ion Ratio Lower Upper

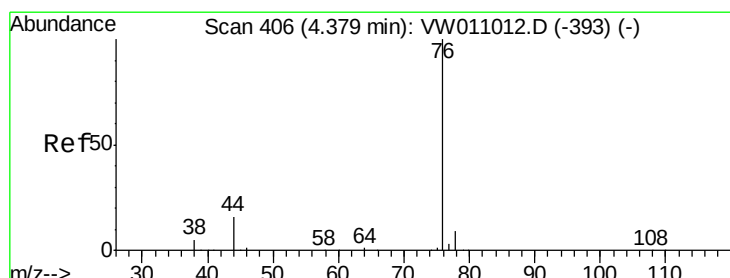
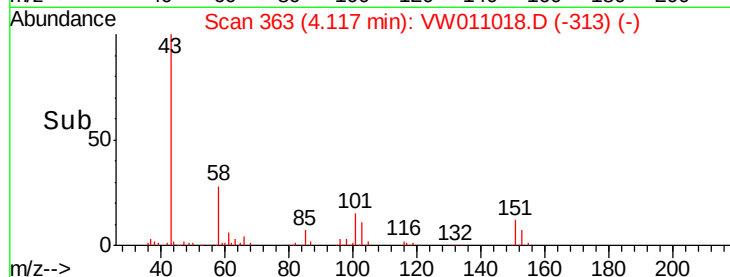
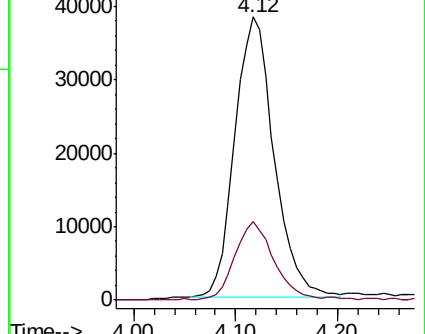
43 100

58 27.9 0.0 53.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 23.867 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW011018.D

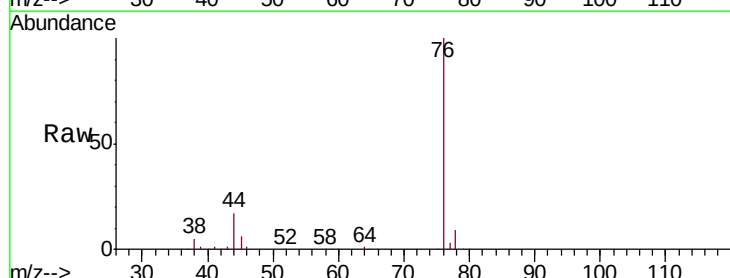
Acq: 27 Jun 2019 13:18

Tgt Ion: 76 Resp: 363332

Ion Ratio Lower Upper

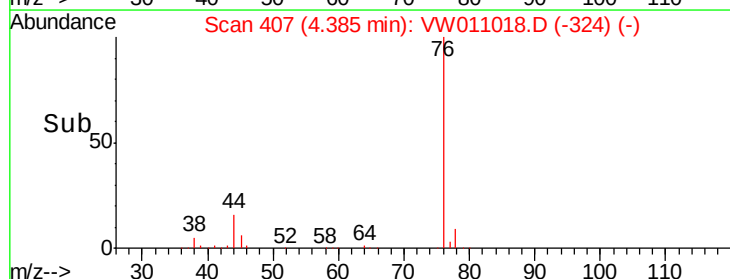
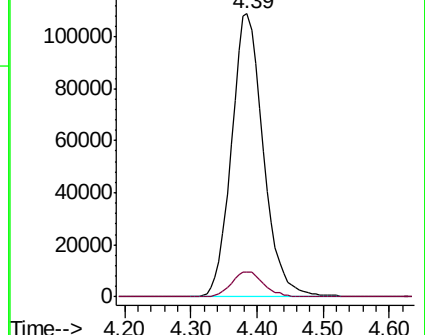
76 100

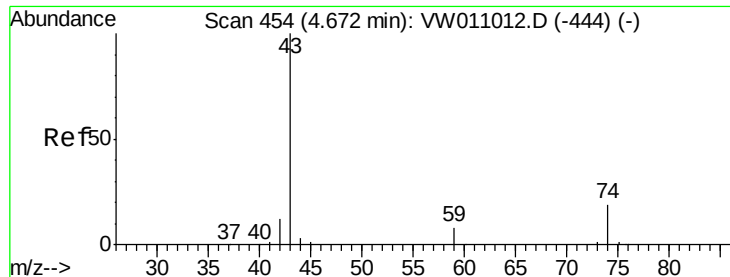
78 8.9 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VW

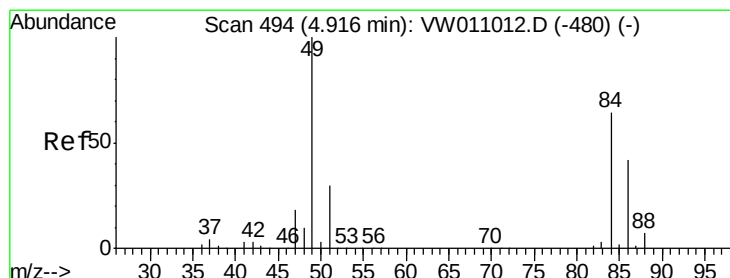
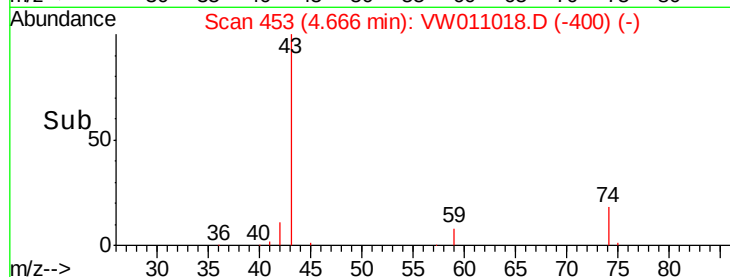
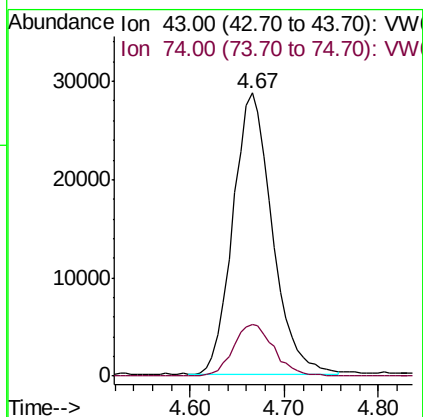
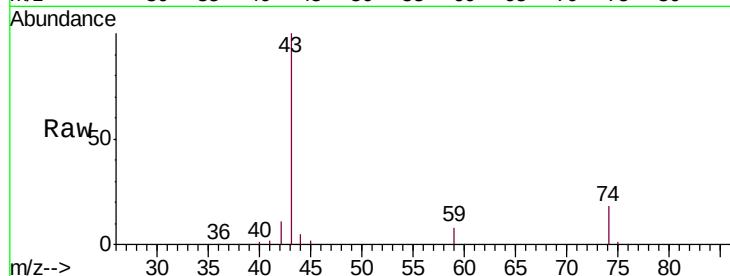
Ion 78.00 (77.70 to 78.70): VW





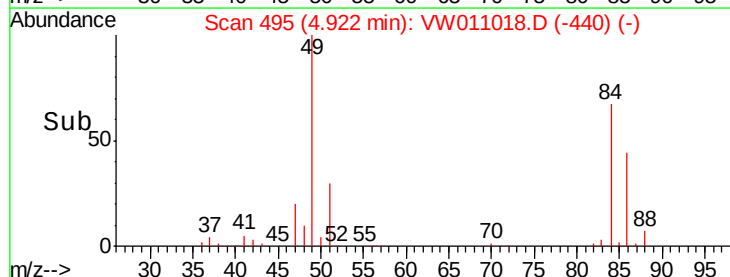
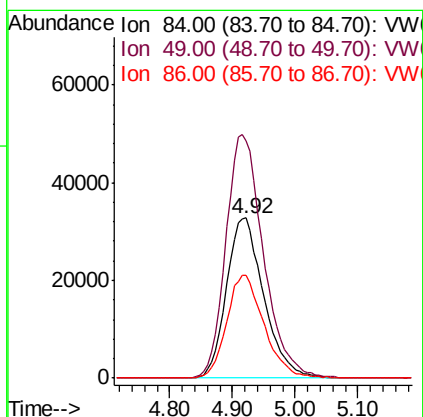
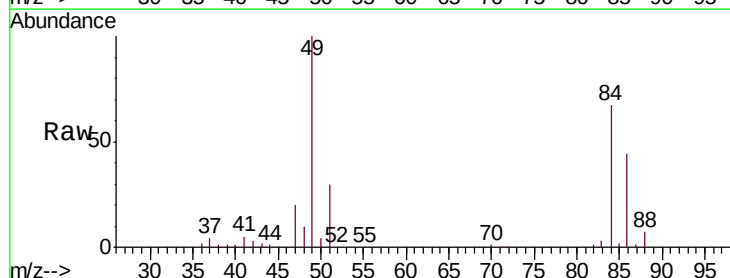
#15
Methyl Acetate
Concen: 22.477 ug/L
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW011018.D
Acq: 27 Jun 2019 13:18

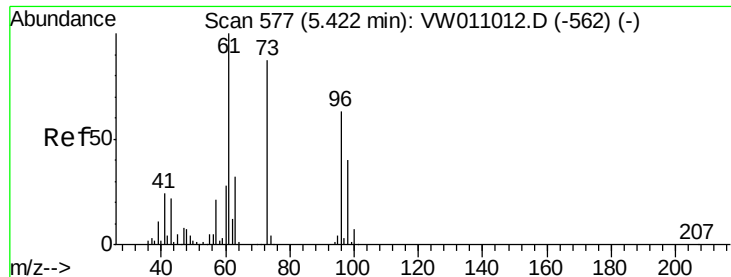
Tgt Ion: 43 Resp: 83309
Ion Ratio Lower Upper
43 100
74 19.1 15.3 22.9



#16
Methylene chloride
Concen: 24.827 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW011018.D
Acq: 27 Jun 2019 13:18

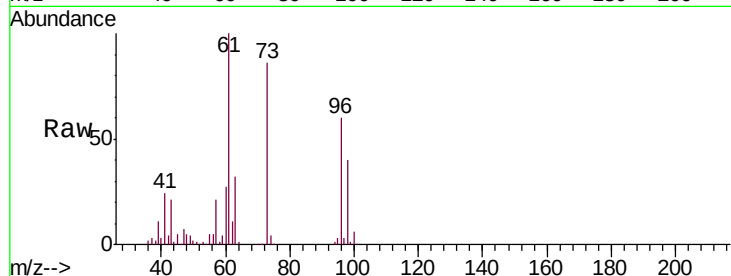
Tgt Ion: 84 Resp: 135061
Ion Ratio Lower Upper
84 100
49 148.4 107.0 198.8
86 64.5 44.4 82.5



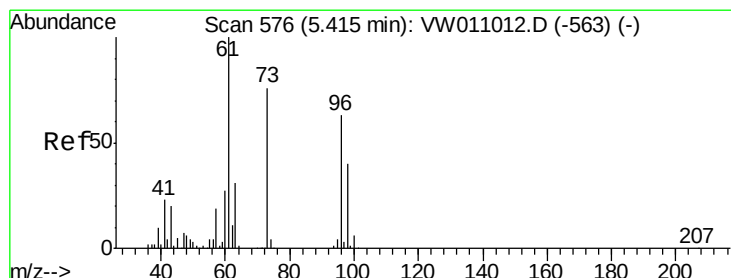
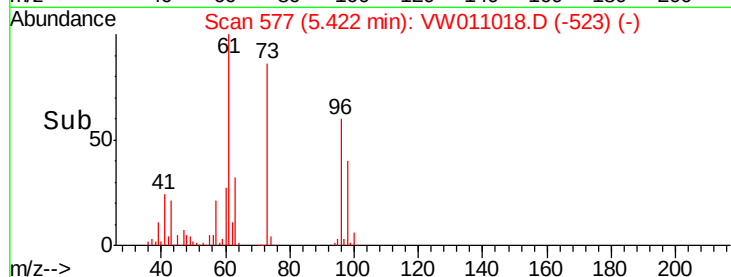
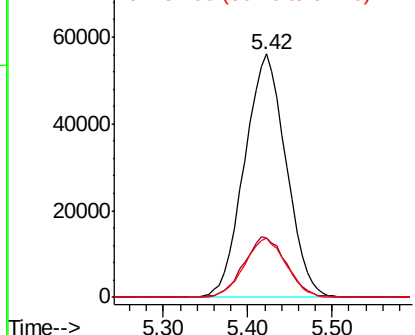


#17
Methyl tert-butyl Ether
Concen: 23.490 ug/L
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW011018.D
Acq: 27 Jun 2019 13:18

Tgt Ion	Ratio	Lower	Upper
73	100		
43	25.5	20.2	30.2
57	24.4	19.4	29.0

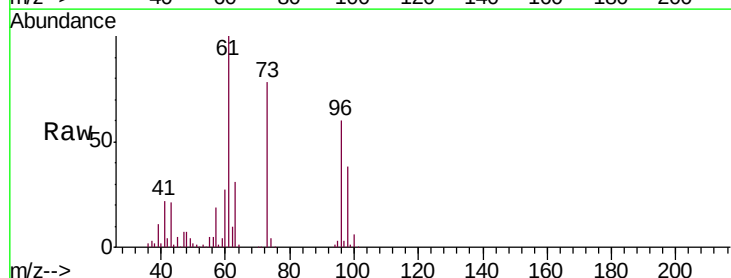


Abundance Ion 73.00 (72.70 to 73.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 57.00 (56.70 to 57.70): VW

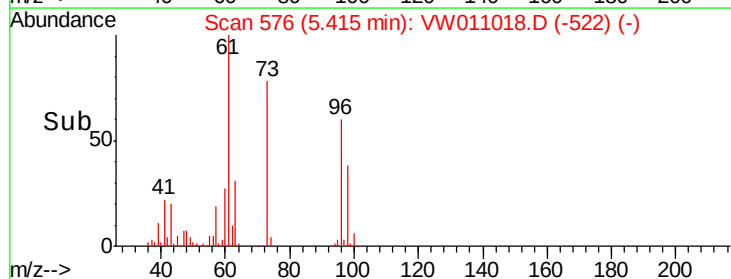
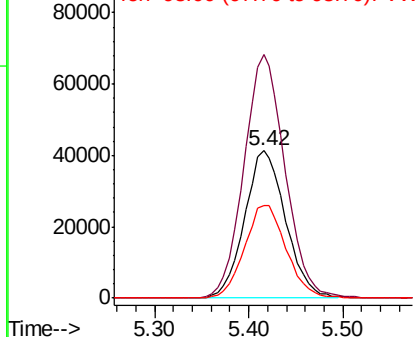


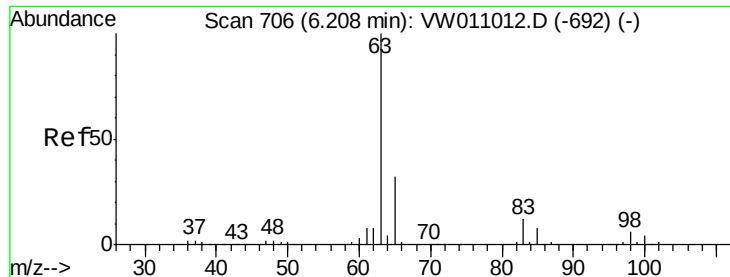
#18
trans-1,2-Dichloroethene
Concen: 24.406 ug/L
RT: 5.42 min Scan# 576
Delta R.T. -0.00 min
Lab File: VW011018.D
Acq: 27 Jun 2019 13:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.5	113.3	210.3
98	63.4	44.1	81.9



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: 24.487 ug/L

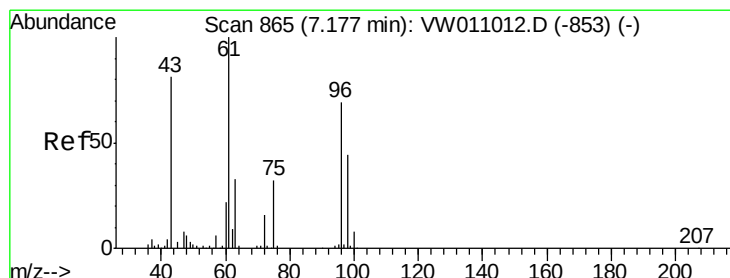
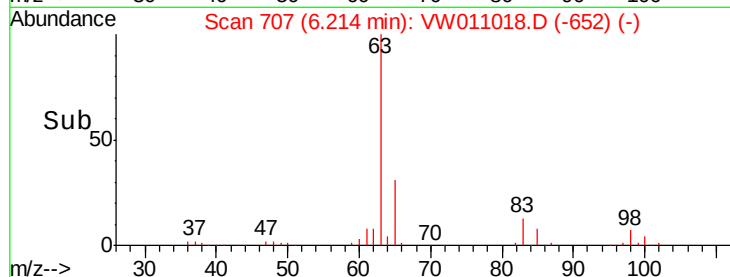
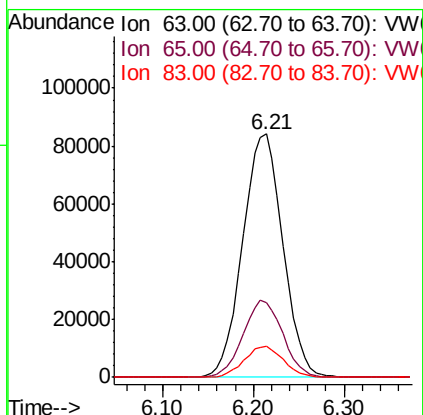
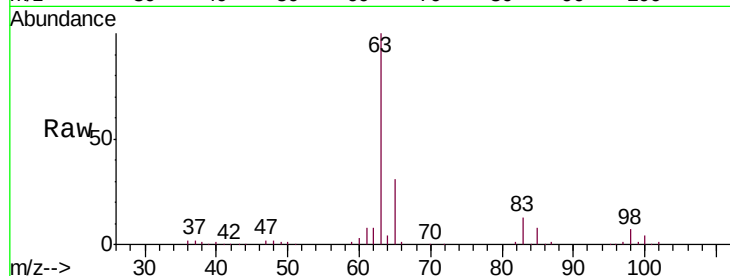
RT: 6.21 min Scan# 707

Delta R.T. 0.01 min

Lab File: VW011018.D

Acq: 27 Jun 2019 13:18

Tgt Ion:	63	Resp:	258577
Ion	Ratio	Lower	Upper
63	100		
65	30.6	21.3	39.6
83	12.9	8.5	15.9



#21

2-Butanone

Concen: 45.943 ug/L

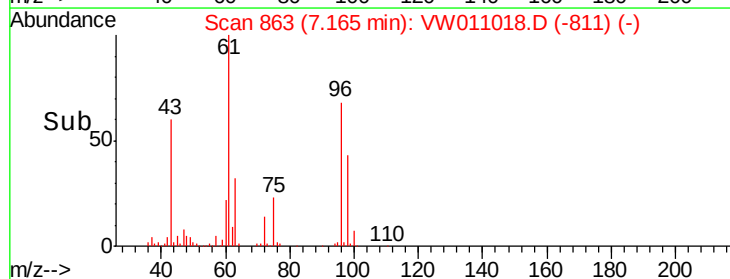
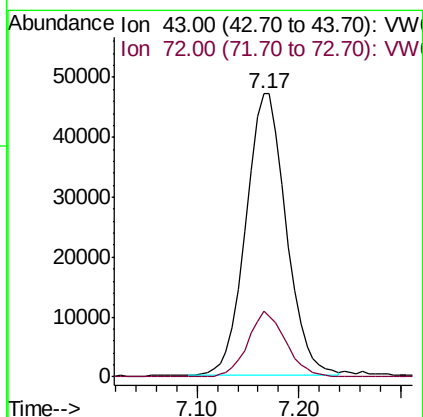
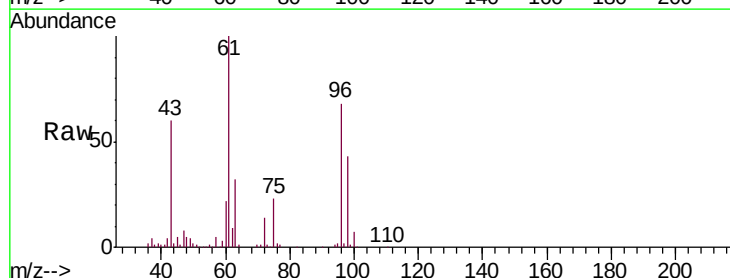
RT: 7.17 min Scan# 863

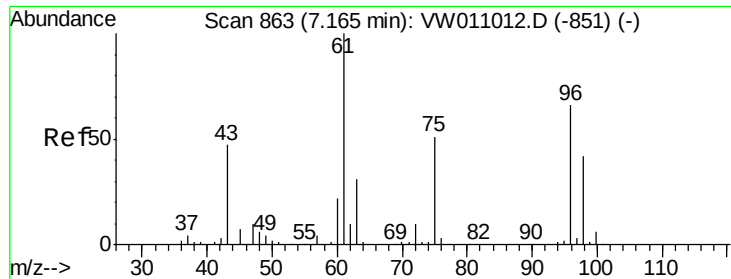
Delta R.T. -0.01 min

Lab File: VW011018.D

Acq: 27 Jun 2019 13:18

Tgt Ion:	43	Resp:	129371
Ion	Ratio	Lower	Upper
43	100		
72	22.0	10.9	32.6

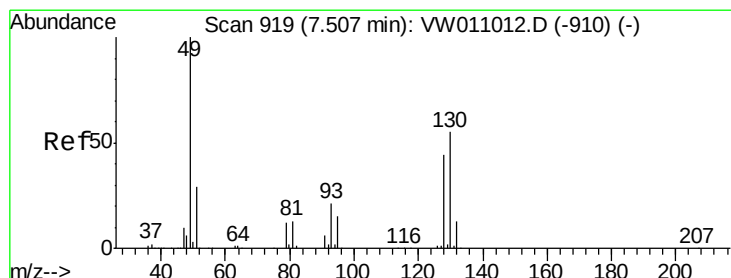
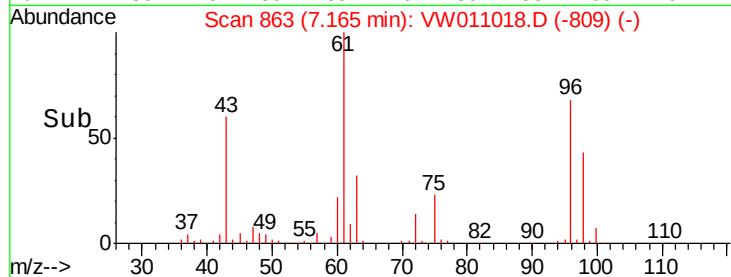
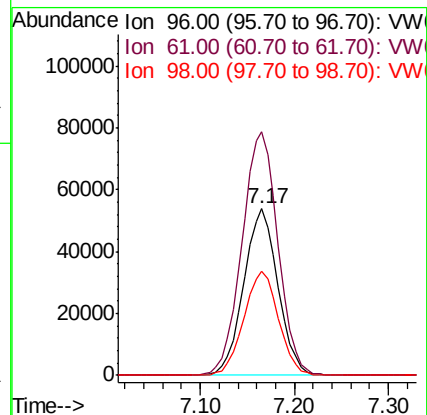
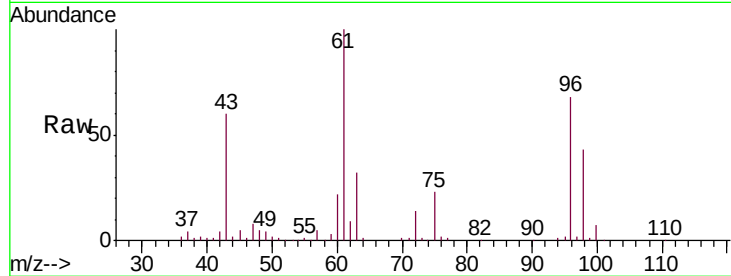




#22

cis-1,2-Dichloroethene
Concen: 24.592 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW011018.D
Acq: 27 Jun 2019 13:18

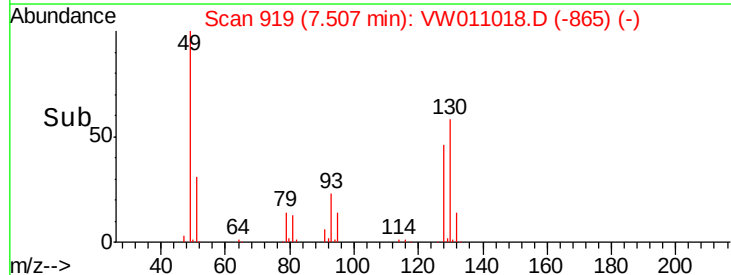
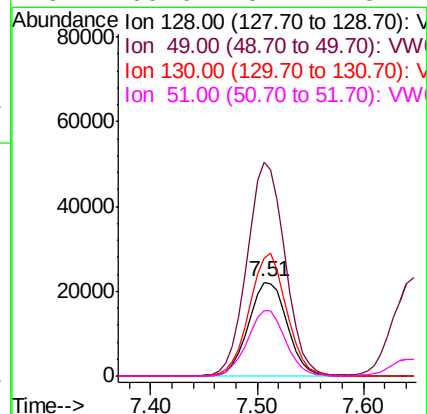
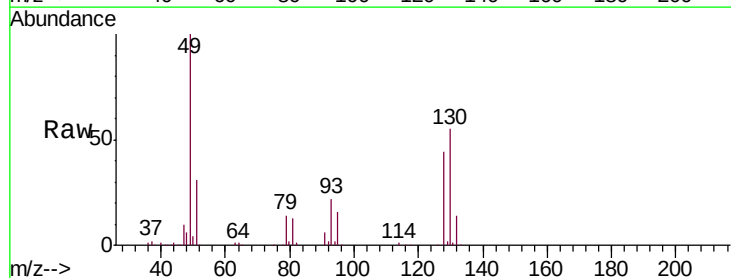
Tgt Ion: 96 Resp: 136807
Ion Ratio Lower Upper
96 100
61 146.2 106.5 197.7
98 62.6 45.5 84.5

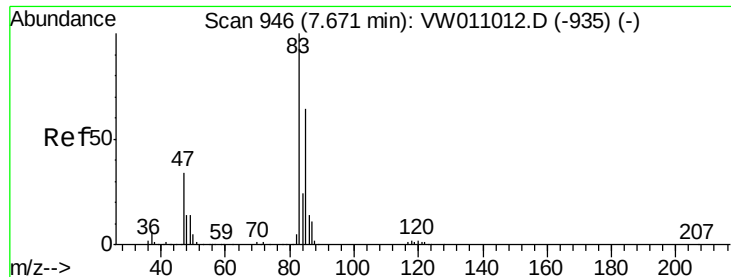


#23

Bromochloromethane
Concen: 23.845 ug/L
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW011018.D
Acq: 27 Jun 2019 13:18

Tgt Ion: 128 Resp: 56417
Ion Ratio Lower Upper
128 100
49 227.1 157.7 292.9
130 125.0 91.6 170.0
51 69.6 54.2 81.2





#25

Chloroform

Concen: 24.803 ug/L

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW011018.D

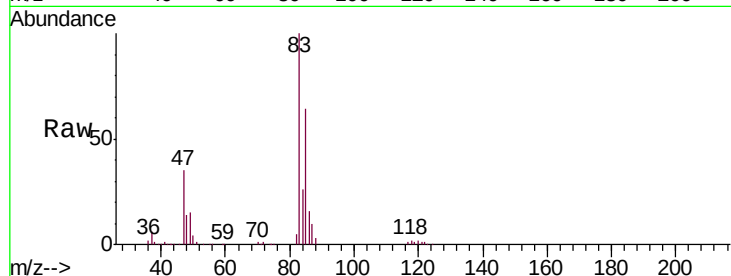
Acq: 27 Jun 2019 13:18

Tgt Ion: 83 Resp: 240310

Ion Ratio Lower Upper

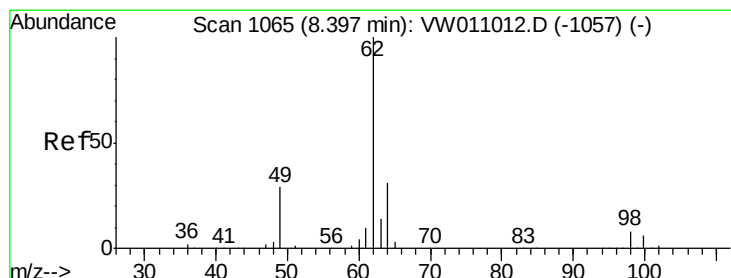
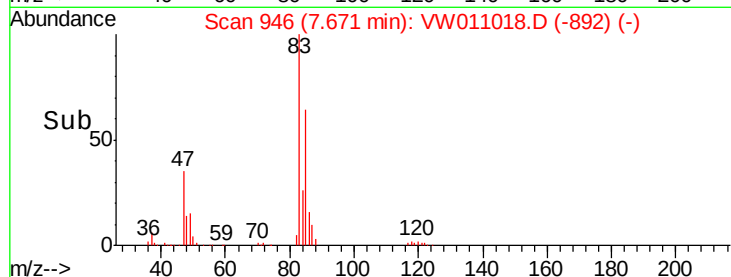
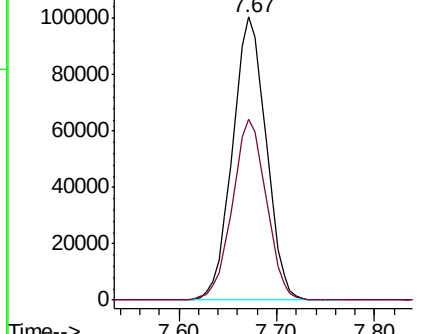
83 100

85 64.7 45.6 84.8



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW



#27

1,2-Dichloroethane

Concen: 23.863 ug/L

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW011018.D

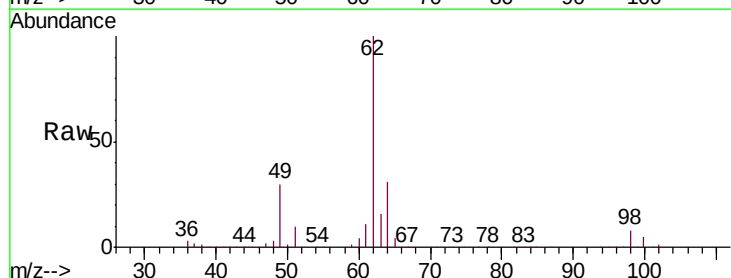
Acq: 27 Jun 2019 13:18

Tgt Ion: 62 Resp: 181166

Ion Ratio Lower Upper

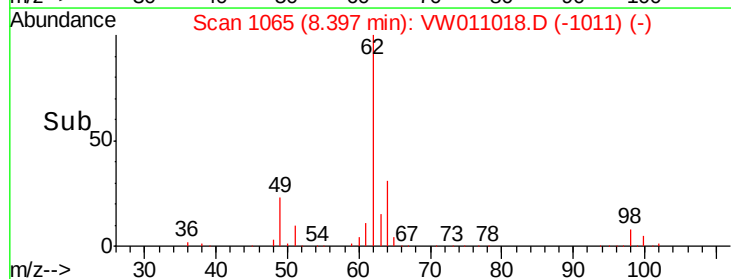
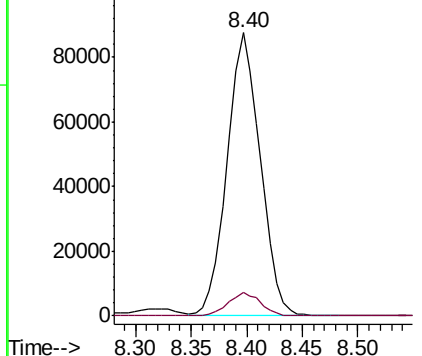
62 100

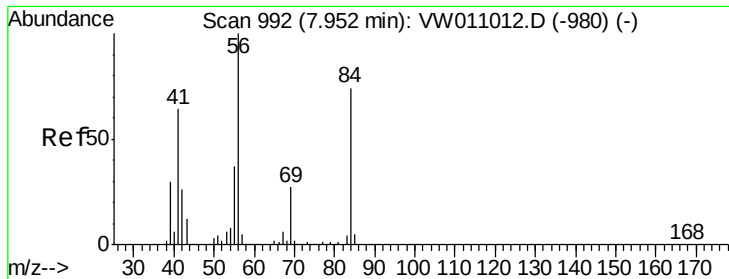
98 8.3 6.7 10.1



Abundance Ion 62.00 (61.70 to 62.70): VW

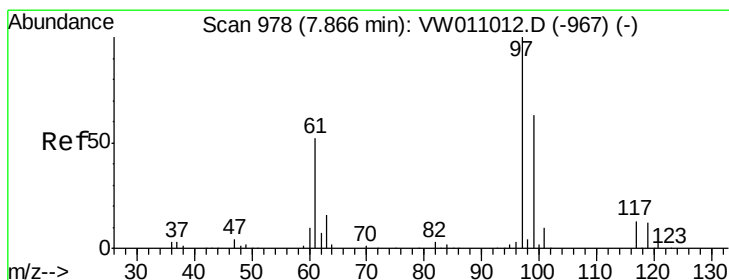
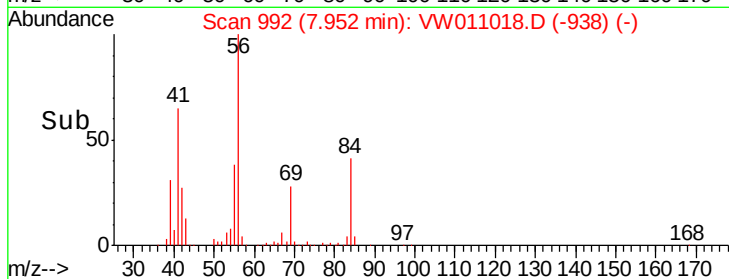
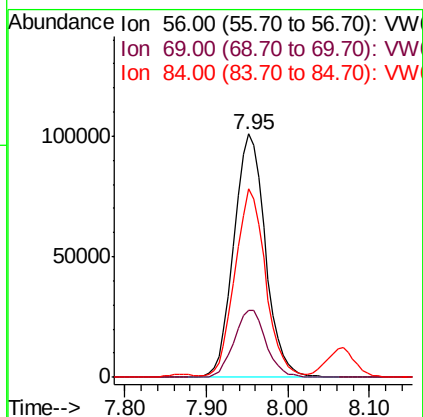
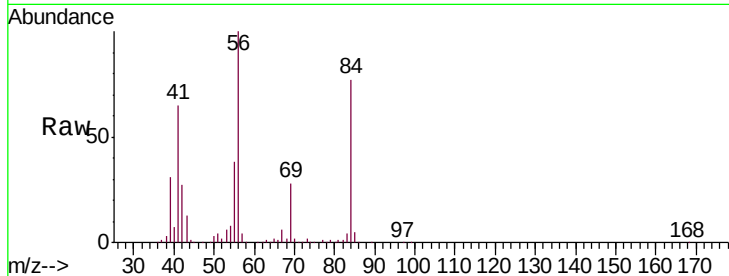
Ion 98.00 (97.70 to 98.70): VW





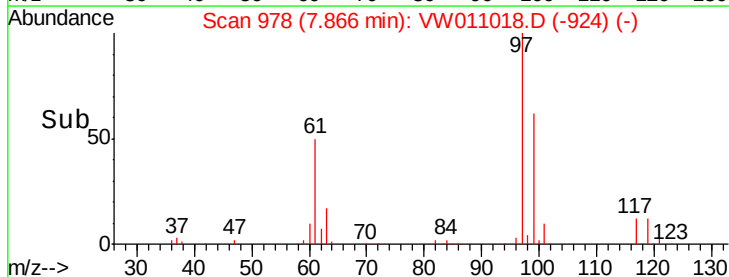
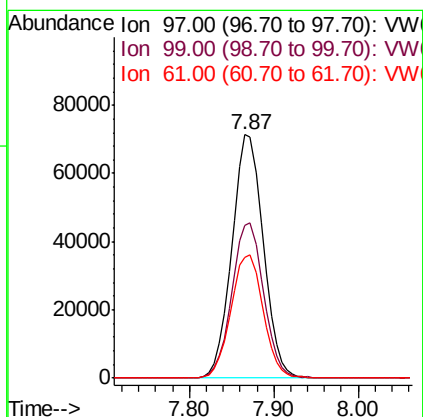
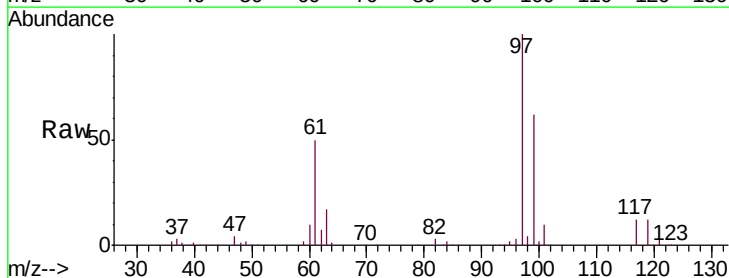
#30
Cyclohexane
Concen: 24.459 ug/L
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW011018.D
Acq: 27 Jun 2019 13:18

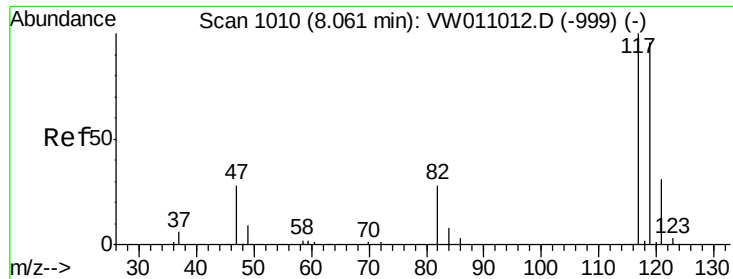
Tgt Ion:	56	Resp:	270054
Ion	Ratio	Lower	Upper
56	100		
69	27.9	22.2	33.4
84	75.7	60.3	90.5



#31
1,1,1-Trichloroethane
Concen: 24.818 ug/L
RT: 7.87 min Scan# 978
Delta R.T. -0.00 min
Lab File: VW011018.D
Acq: 27 Jun 2019 13:18

Tgt Ion:	97	Resp:	180219
Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.7	76.1
61	52.0	41.2	61.8





#32

Carbon tetrachloride

Concen: 24.905 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. 0.01 min

Lab File: VW011018.D

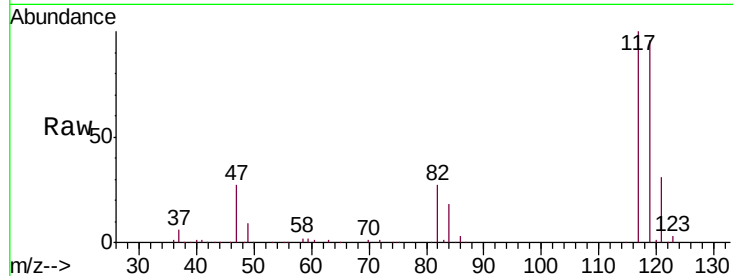
Acq: 27 Jun 2019 13:18

Tgt Ion: 117 Resp: 170829

Ion Ratio Lower Upper

117 100

119 95.9 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

8.07

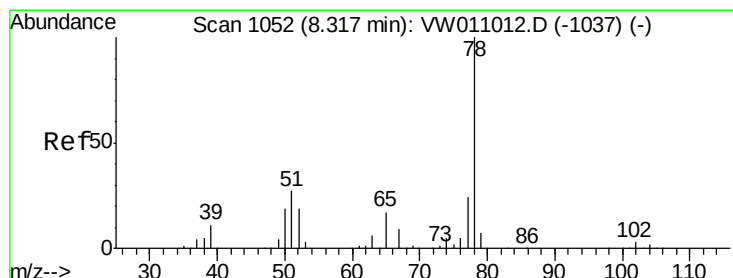
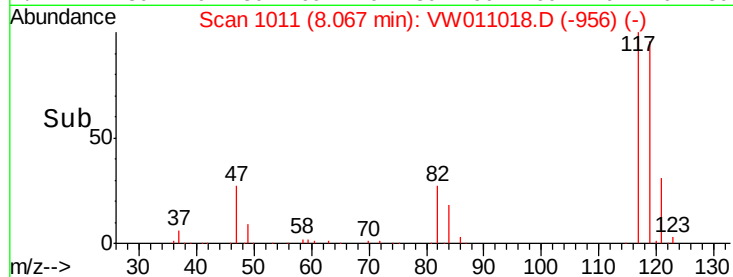
60000

40000

20000

0

8.00 8.10 8.20



#34

Benzene

Concen: 24.785 ug/L

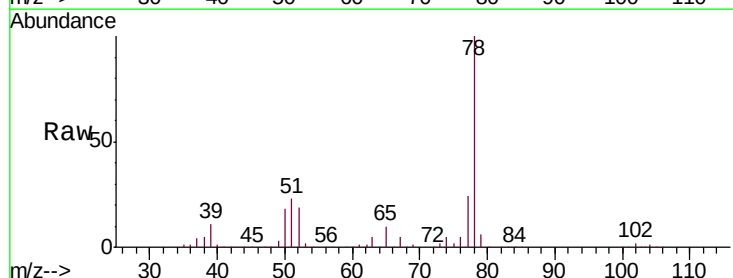
RT: 8.32 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VW011018.D

Acq: 27 Jun 2019 13:18

Tgt Ion: 78 Resp: 543822



Abundance Ion 78.00 (77.70 to 78.70): VW

8.32

250000

200000

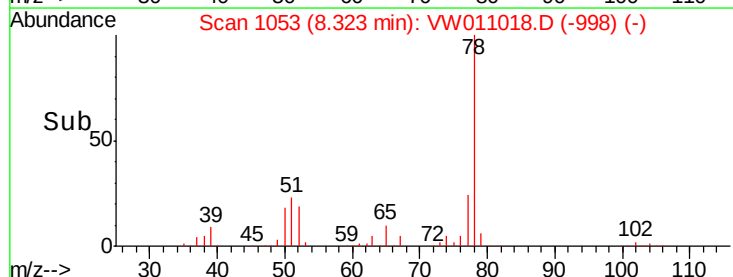
150000

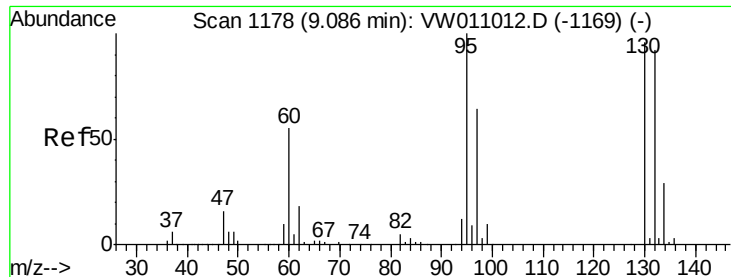
100000

50000

0

8.20 8.30 8.40





#35

Trichloroethene

Concen: 24.467 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW011018.D

Acq: 27 Jun 2019 13:18

Tgt Ion: 95 Resp: 136136

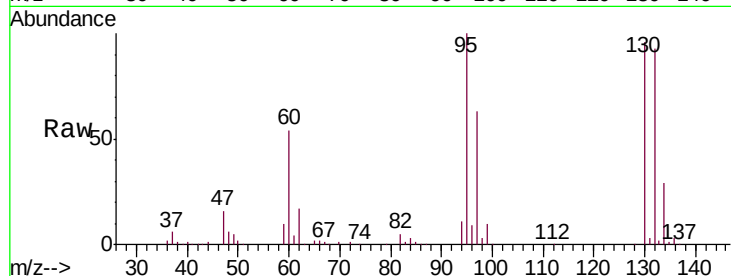
Ion Ratio Lower Upper

95 100

97 64.2 44.9 83.3

132 91.2 64.0 119.0

130 96.3 67.4 125.2

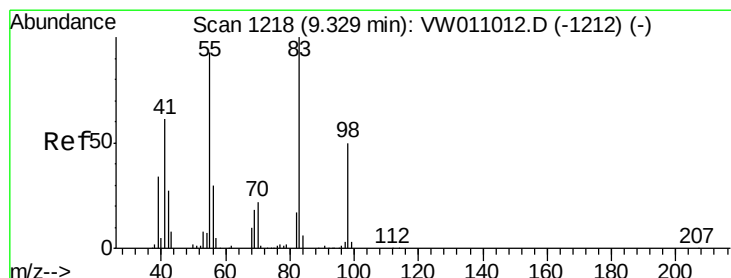
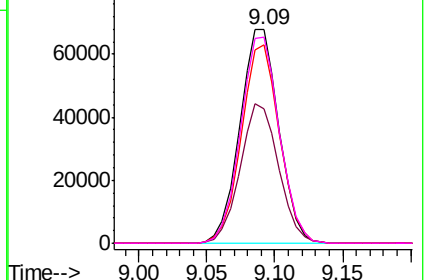
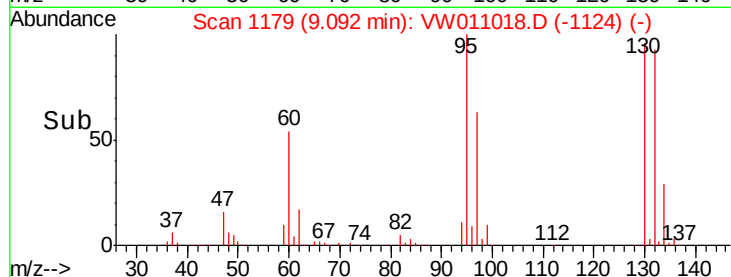


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 24.792 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. 0.01 min

Lab File: VW011018.D

Acq: 27 Jun 2019 13:18

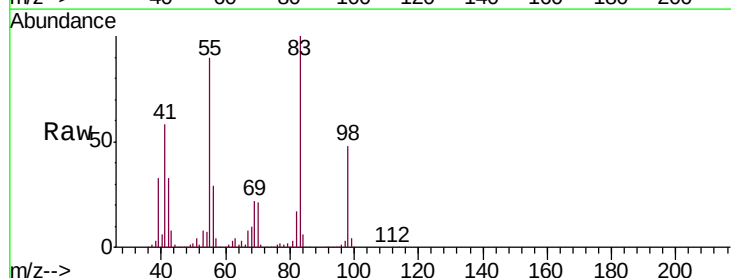
Tgt Ion: 83 Resp: 253201

Ion Ratio Lower Upper

83 100

55 89.8 72.2 108.2

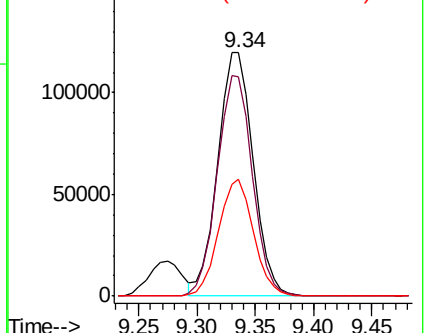
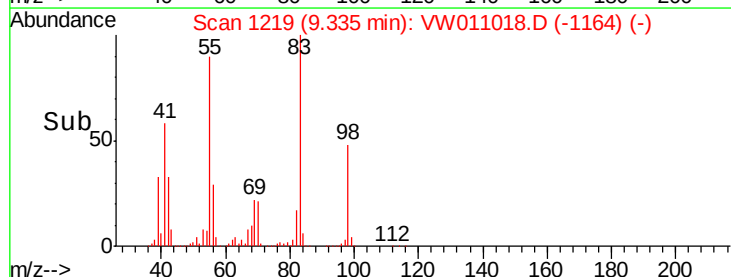
98 47.2 37.8 56.8

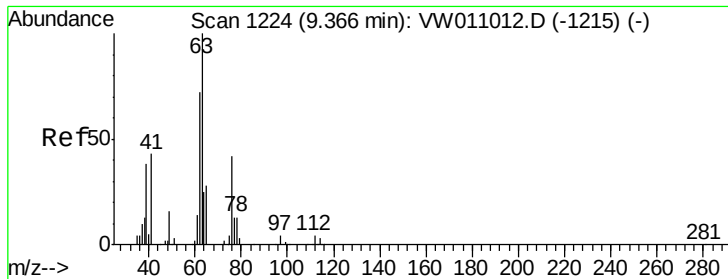


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 24.570 ug/L

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW011018.D

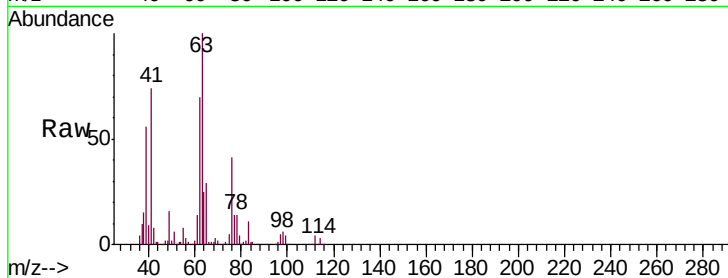
Acq: 27 Jun 2019 13:18

Tgt Ion: 63 Resp: 148383

Ion Ratio Lower Upper

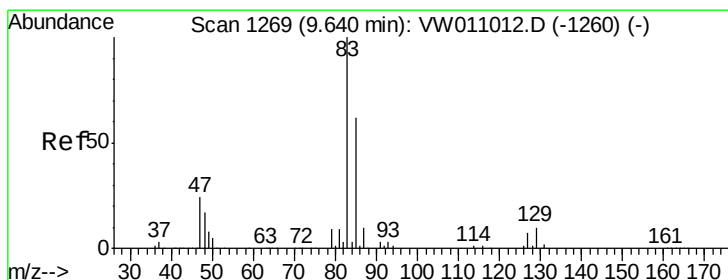
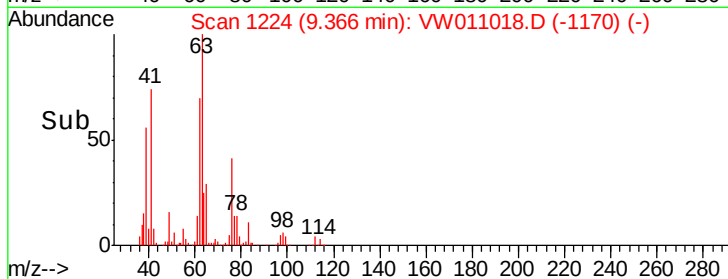
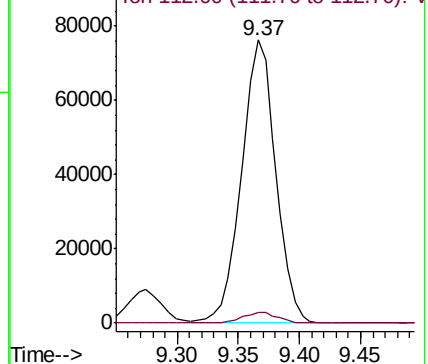
63 100

112 3.9 3.3 4.9



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#41

Bromodichloromethane

Concen: 24.140 ug/L

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW011018.D

Acq: 27 Jun 2019 13:18

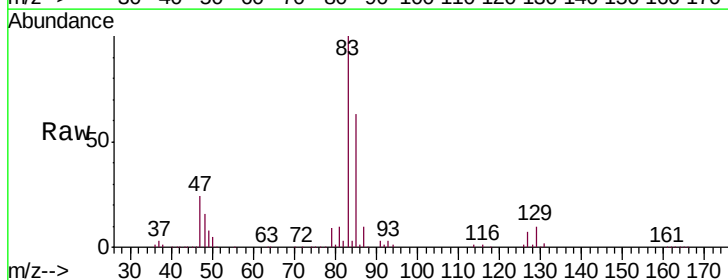
Tgt Ion: 83 Resp: 171079

Ion Ratio Lower Upper

83 100

85 62.7 43.1 80.1

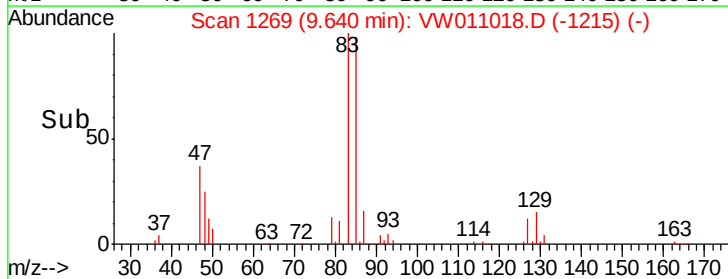
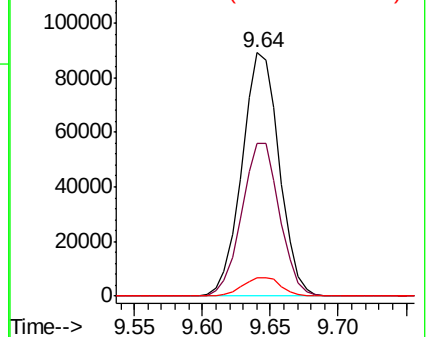
127 7.4 6.0 9.0

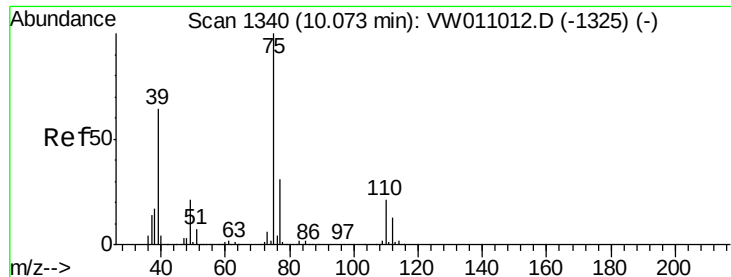


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): V





#42

cis-1,3-Dichloropropene

Concen: 24.090 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW011018.D

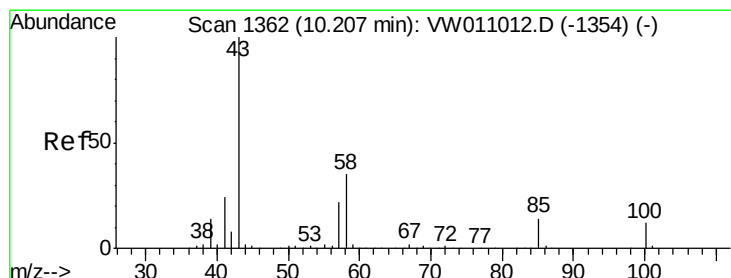
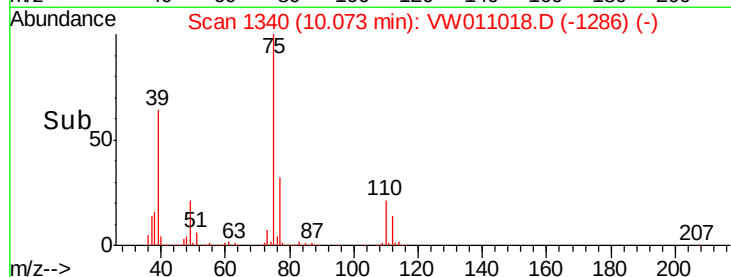
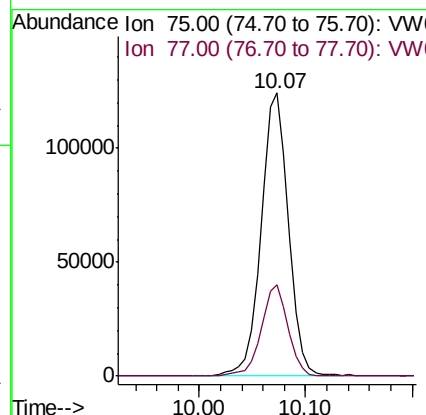
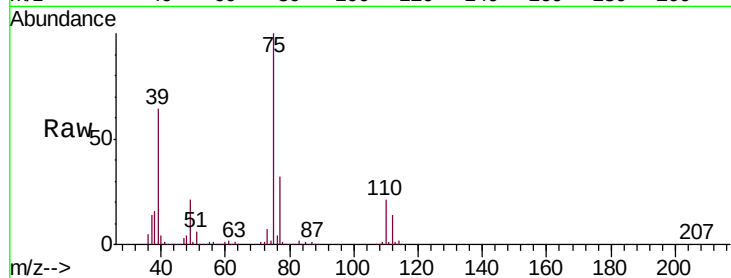
Acq: 27 Jun 2019 13:18

Tgt Ion: 75 Resp: 223799

Ion Ratio Lower Upper

75 100

77 32.3 21.3 39.6



#43

4-Methyl-2-pentanone

Concen: 45.992 ug/L

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW011018.D

Acq: 27 Jun 2019 13:18

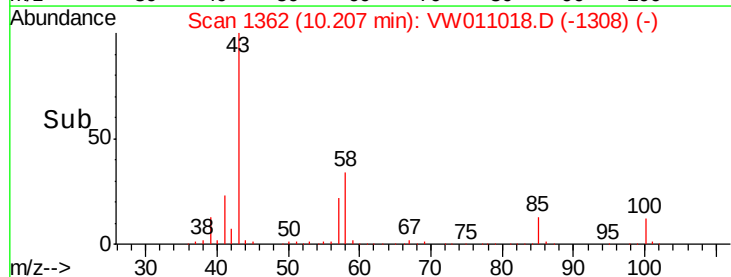
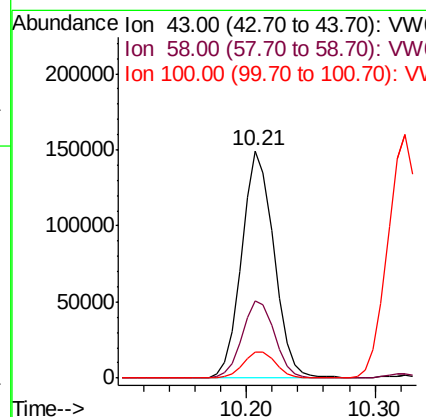
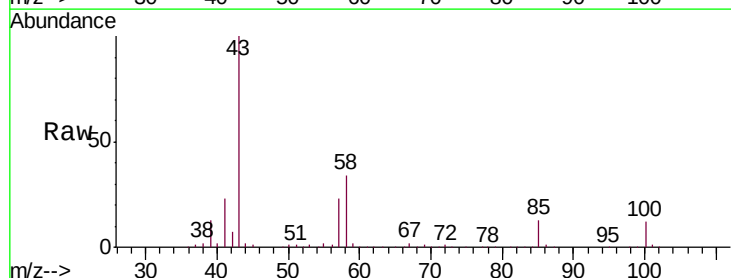
Tgt Ion: 43 Resp: 257747

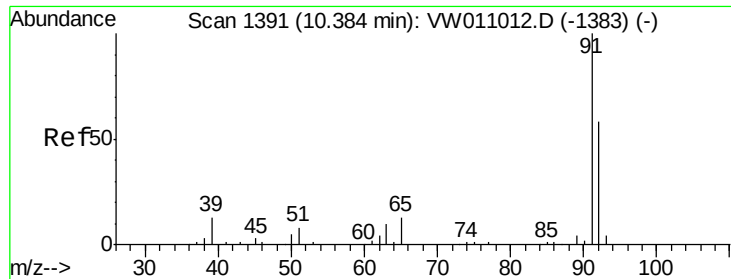
Ion Ratio Lower Upper

43 100

58 34.6 27.5 41.3

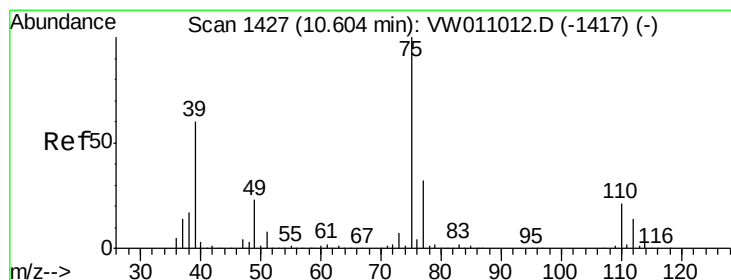
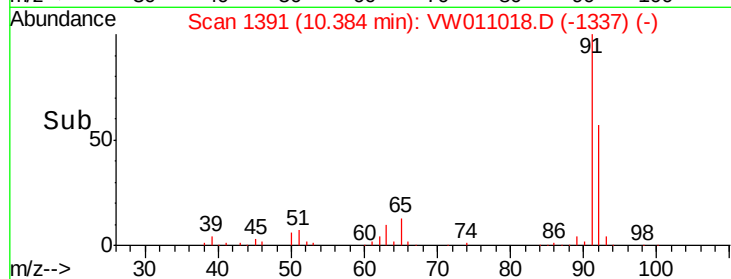
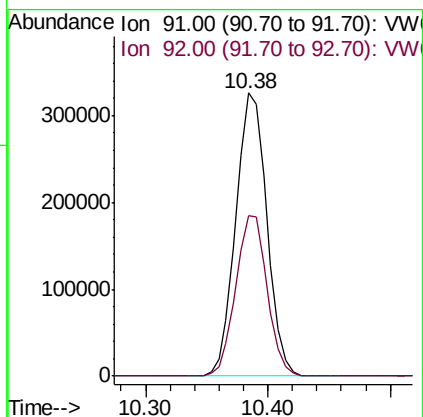
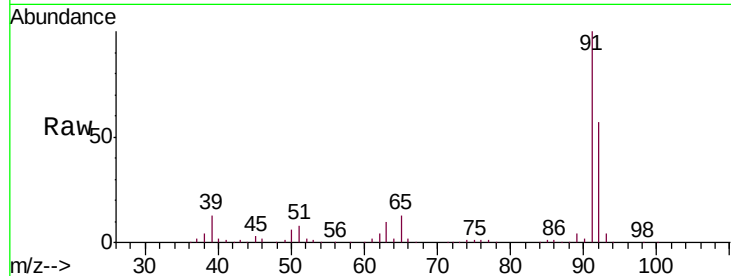
100 11.8 9.6 14.4





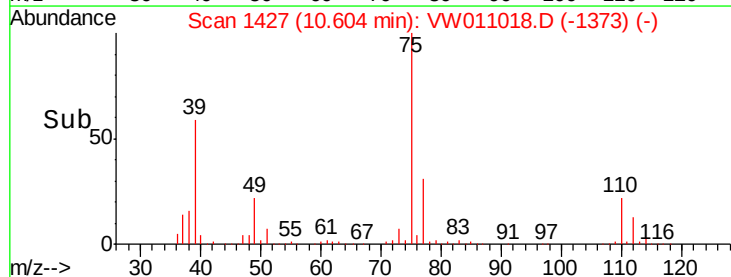
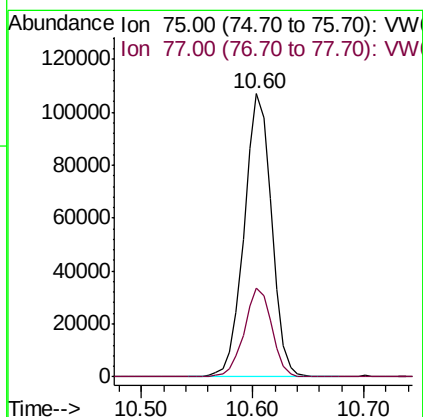
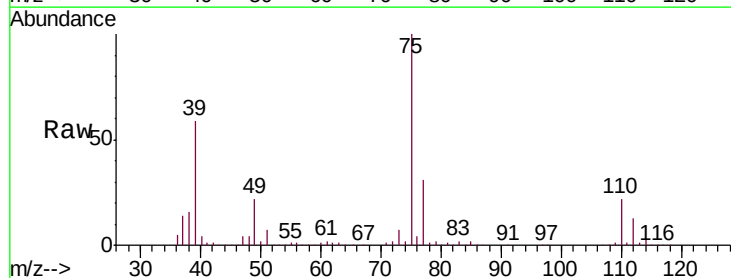
#44
Toluene
Concen: 24.945 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW011018.D
Acq: 27 Jun 2019 13:18

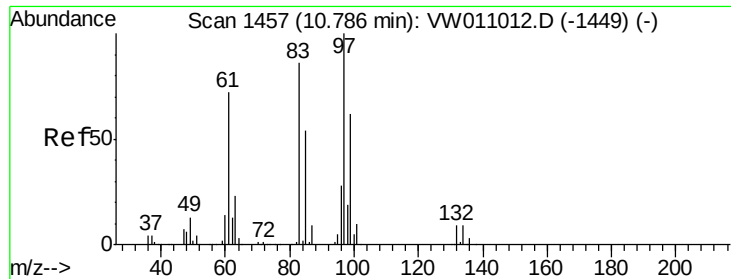
Tgt Ion: 91 Resp: 572312
Ion Ratio Lower Upper
91 100
92 56.9 41.2 76.4



#45
trans-1,3-Dichloropropene
Concen: 23.871 ug/L
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW011018.D
Acq: 27 Jun 2019 13:18

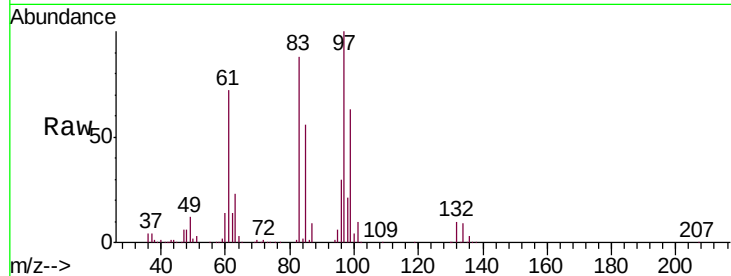
Tgt Ion: 75 Resp: 183317
Ion Ratio Lower Upper
75 100
77 31.2 22.6 42.0





#46
 1,1,2-Trichloroethane
 Concen: 23.854 ug/L
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011018.D
 Acq: 27 Jun 2019 13:18

Tgt Ion:	97	Resp:	98725
Ion	Ratio	Lower	Upper
97	100		
83	87.8	61.8	114.8
85	55.6	38.6	71.6
99	62.7	43.3	80.3



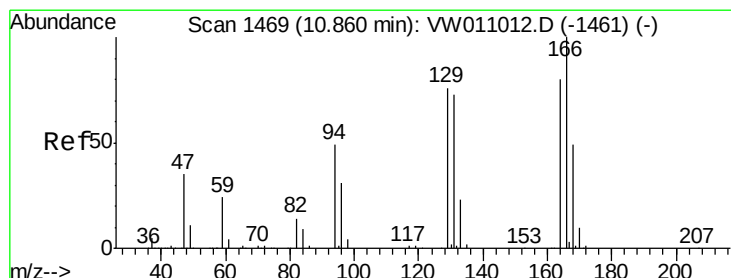
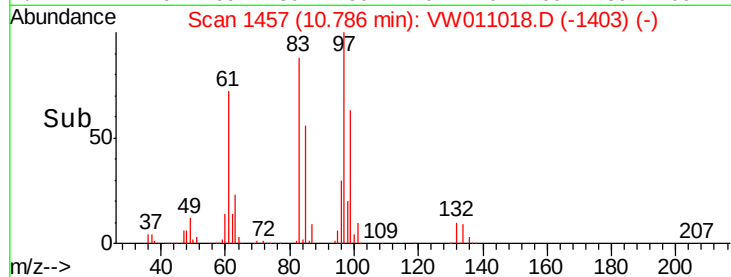
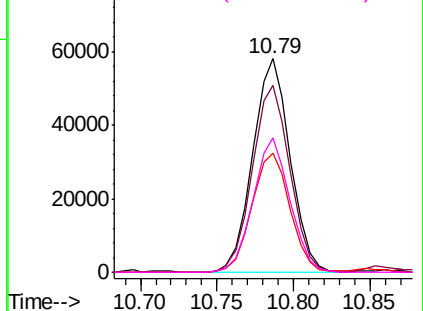
Abundance

Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

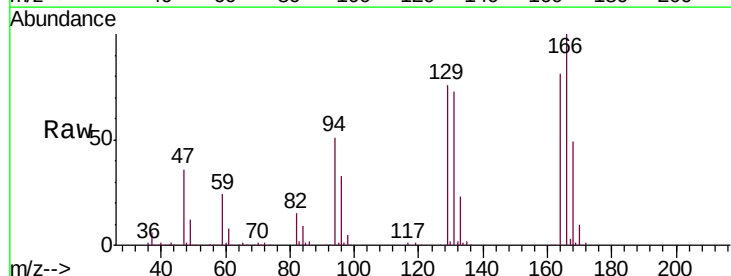
Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



#47
 Tetrachloroethene
 Concen: 24.432 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VW011018.D
 Acq: 27 Jun 2019 13:18

Tgt Ion:	164	Resp:	103098
Ion	Ratio	Lower	Upper
164	100		
129	94.8	69.6	129.2
131	90.6	66.8	124.0
166	124.1	91.2	169.4



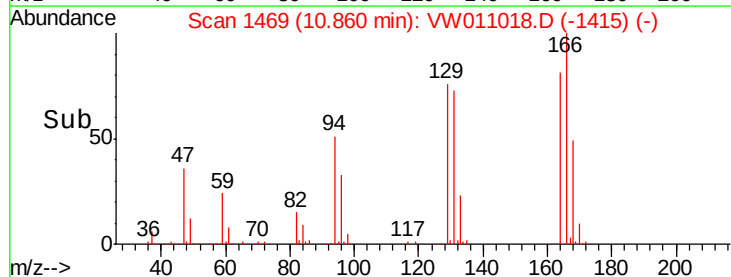
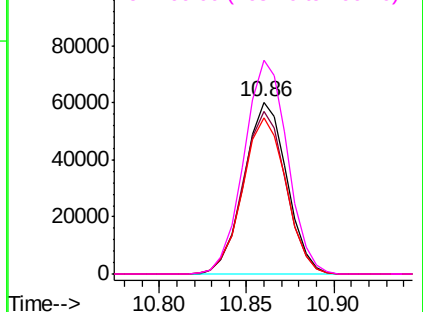
Abundance

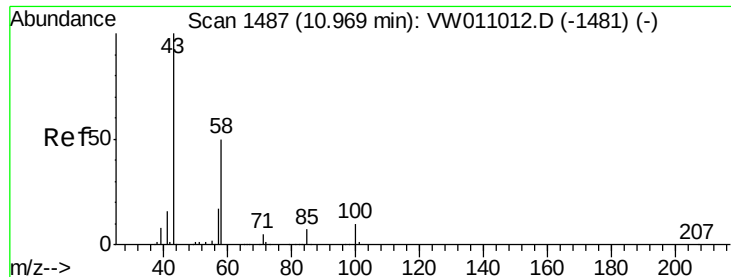
Ion 164.00 (163.70 to 164.70): V

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

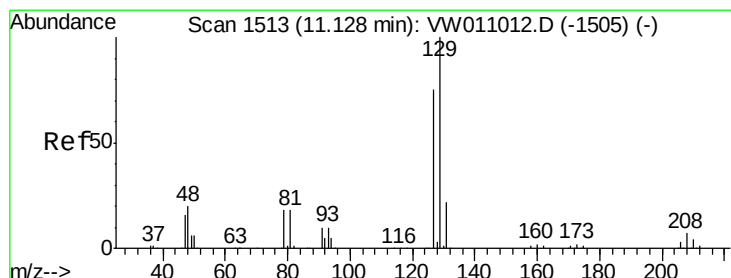
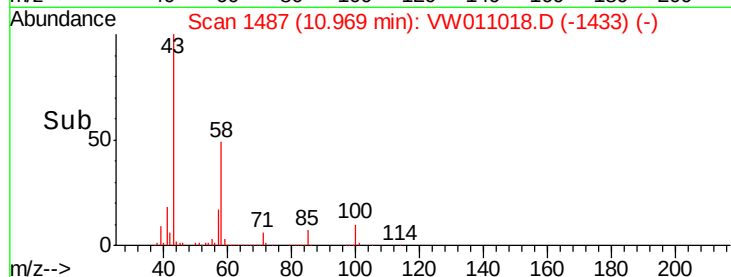
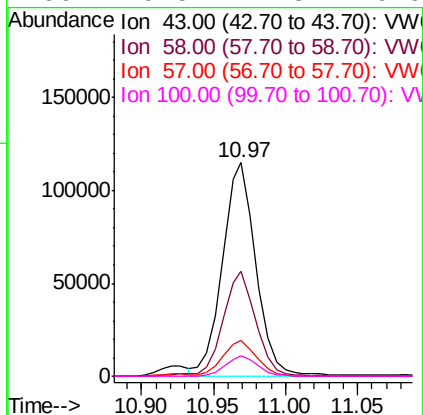
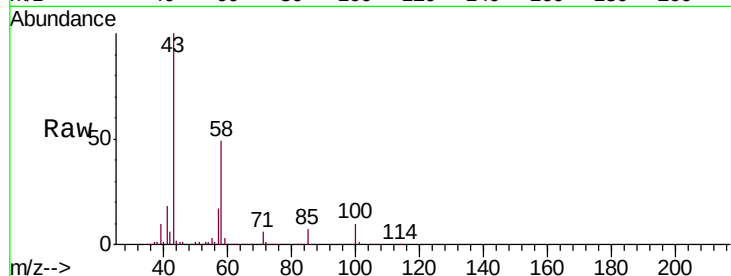




#49
2-Hexanone
Concen: 46.863 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011018.D
Acq: 27 Jun 2019 13:18

Tgt Ion: 43 Resp: 186846

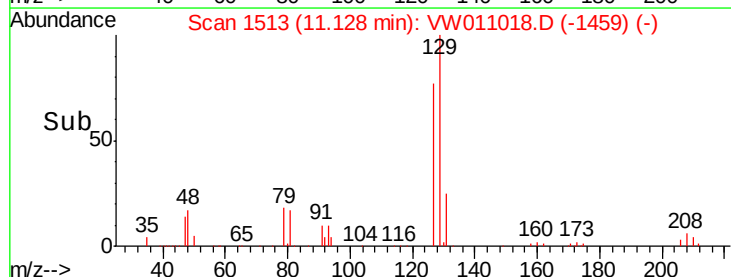
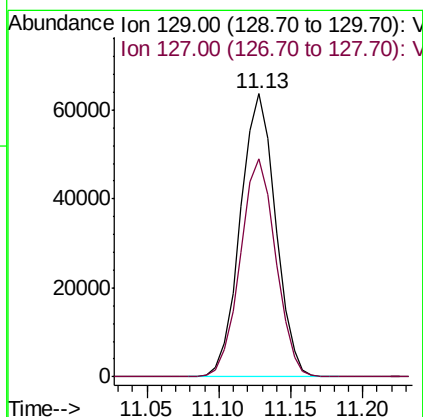
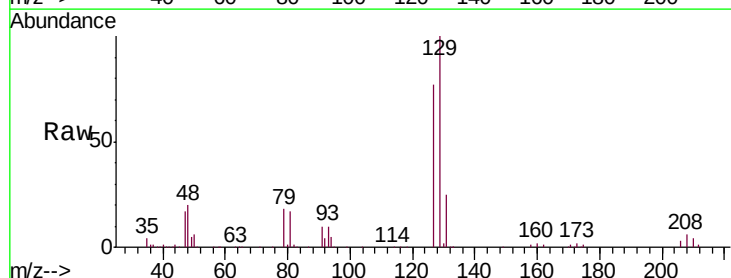
Ion	Ratio	Lower	Upper
43	100		
58	48.6	38.3	57.5
57	17.0	13.8	20.8
100	9.5	7.3	10.9

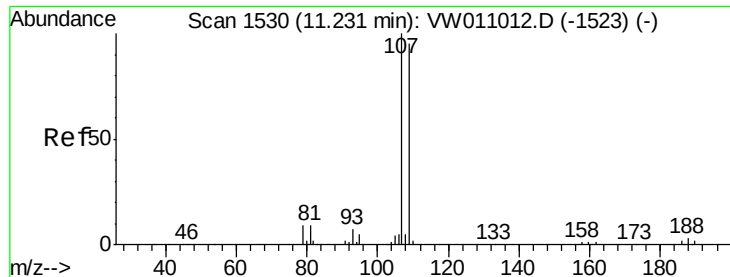


#50
Dibromochloromethane
Concen: 23.714 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011018.D
Acq: 27 Jun 2019 13:18

Tgt Ion: 129 Resp: 108070

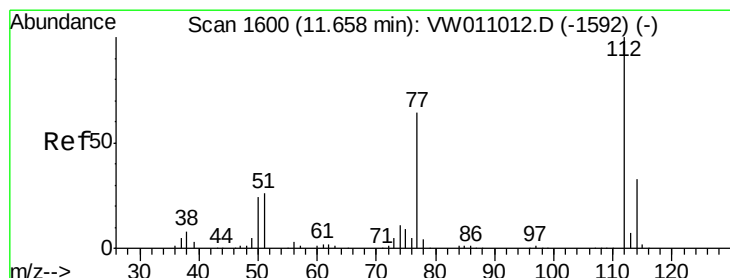
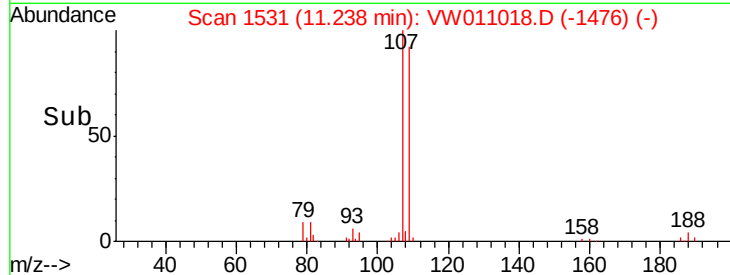
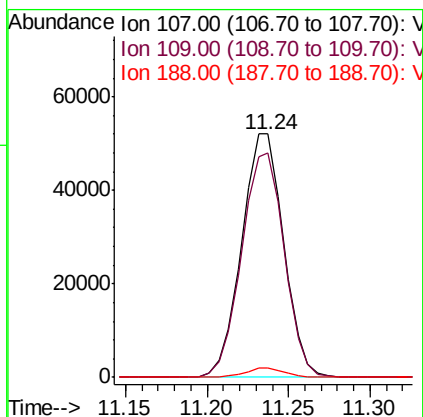
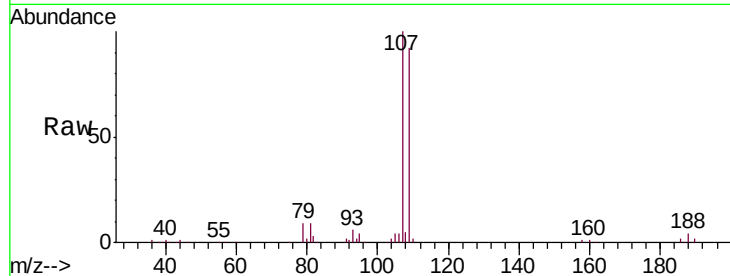
Ion	Ratio	Lower	Upper
129	100		
127	77.1	52.8	98.2





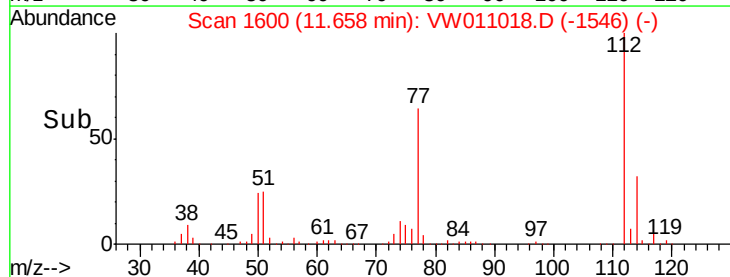
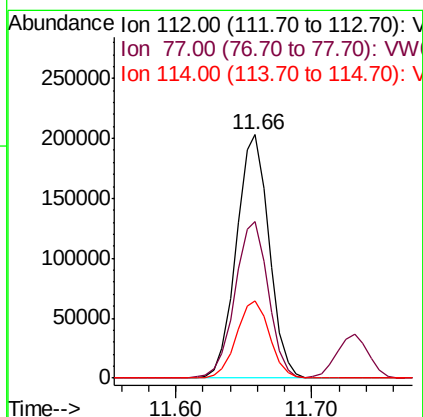
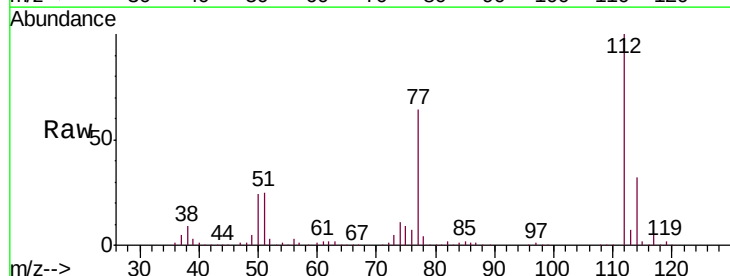
#51
 1,2-Dibromoethane
 Concen: 23.341 ug/L
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW011018.D
 Acq: 27 Jun 2019 13:18

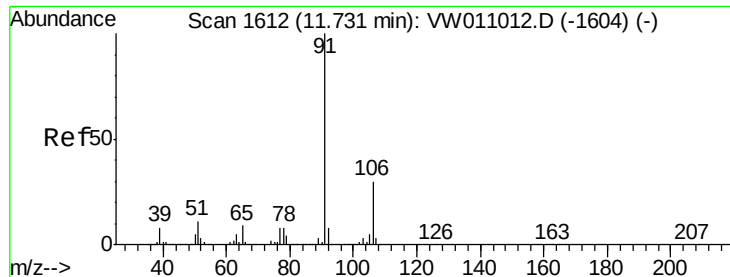
Tgt Ion:107 Resp: 93423
 Ion Ratio Lower Upper
 107 100
 109 92.1 65.5 121.7
 188 3.7 3.3 4.9



#52
 Chlorobenzene
 Concen: 24.628 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VW011018.D
 Acq: 27 Jun 2019 13:18

Tgt Ion:112 Resp: 340022
 Ion Ratio Lower Upper
 112 100
 77 64.4 51.1 76.7
 114 31.9 22.7 42.1





#53

Ethylbenzene

Concen: 24.925 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW011018.D

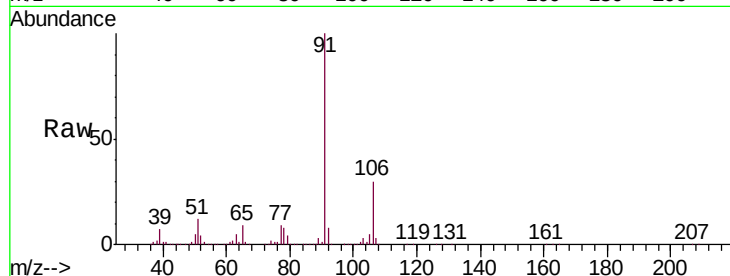
Acq: 27 Jun 2019 13:18

Tgt Ion: 91 Resp: 644271

Ion Ratio Lower Upper

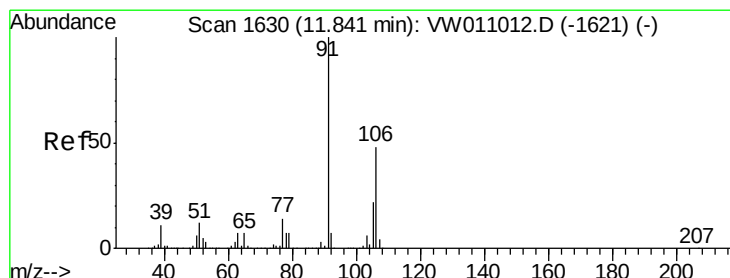
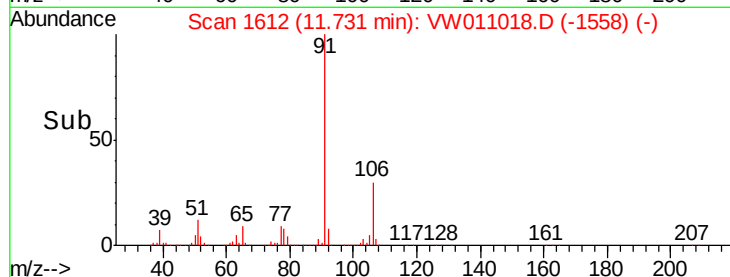
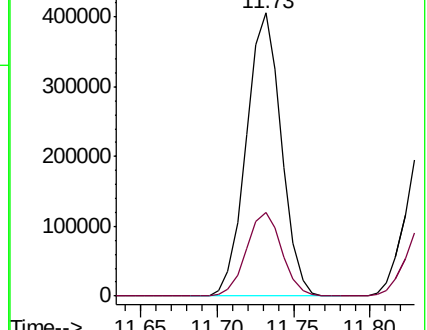
91 100

106 29.6 20.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#54

m,p-Xylene

Concen: 25.062 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW011018.D

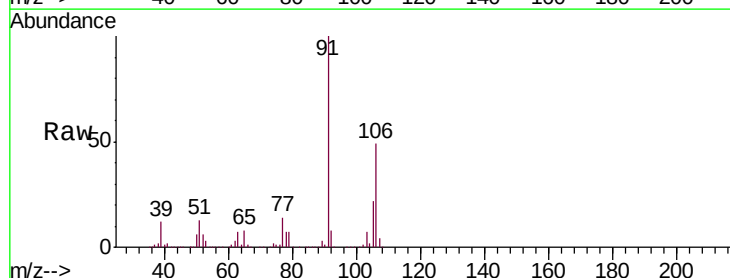
Acq: 27 Jun 2019 13:18

Tgt Ion: 106 Resp: 235073

Ion Ratio Lower Upper

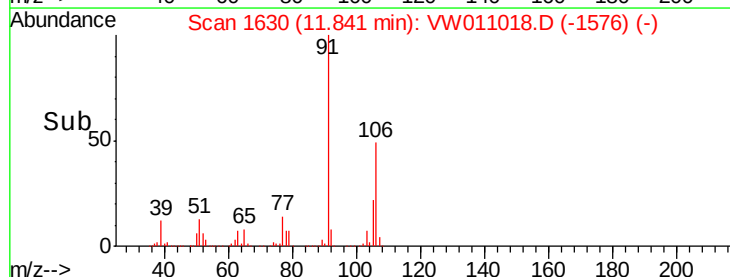
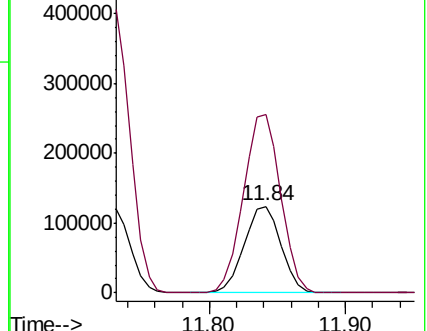
106 100

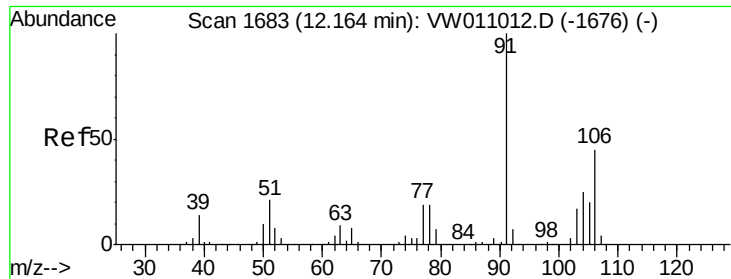
91 206.1 146.5 272.1



Abundance Ion 106.00 (105.70 to 106.70): V

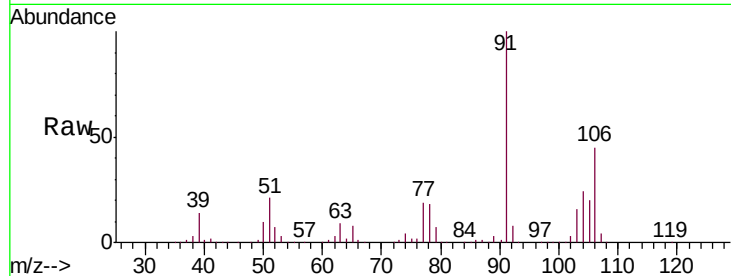
Ion 91.00 (90.70 to 91.70): VW



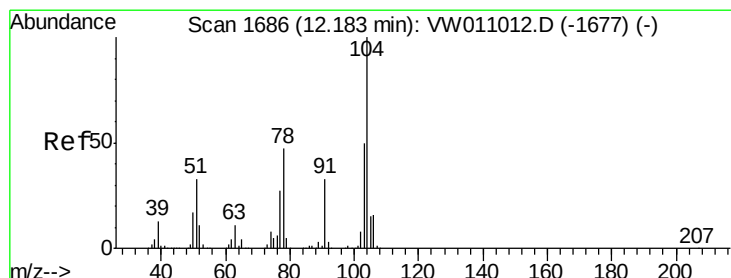
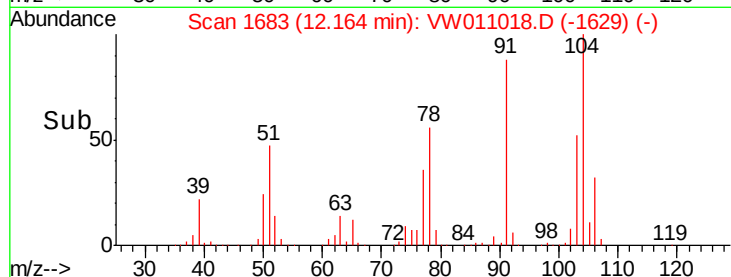
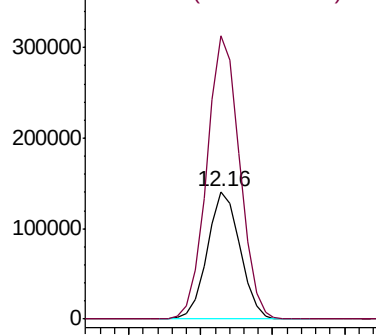


#55
o-xylene
Concen: 24.793 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011018.D
Acq: 27 Jun 2019 13:18

Tgt Ion:106 Resp: 223146
Ion Ratio Lower Upper
106 100
91 221.5 156.1 289.9

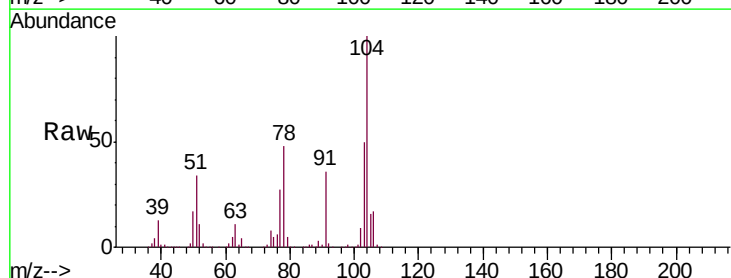


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

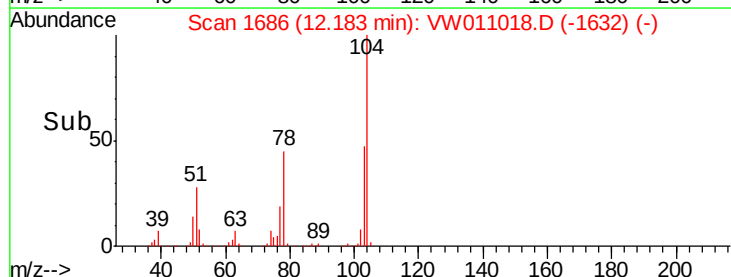
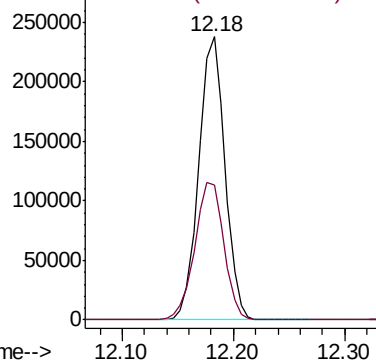


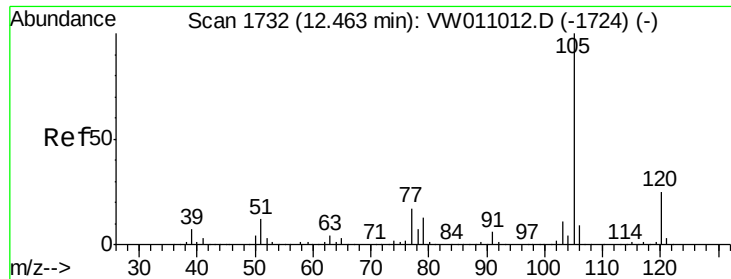
#56
Styrene
Concen: 24.932 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011018.D
Acq: 27 Jun 2019 13:18

Tgt Ion:104 Resp: 386970
Ion Ratio Lower Upper
104 100
78 47.8 34.4 64.0



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





#57

Isopropylbenzene

Concen: 25.094 ug/L

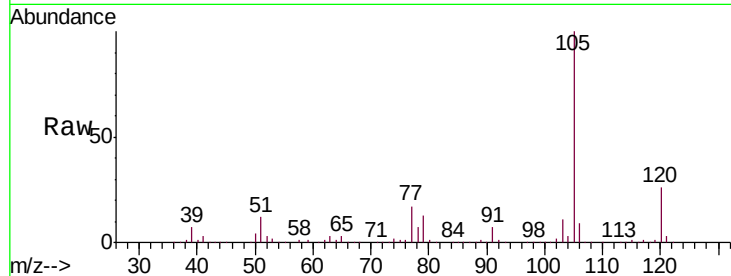
RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011018.D

Acq: 27 Jun 2019 13:18

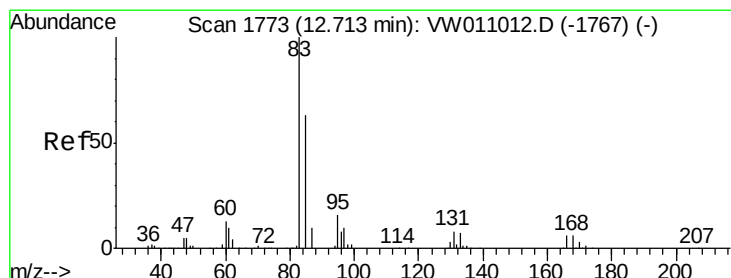
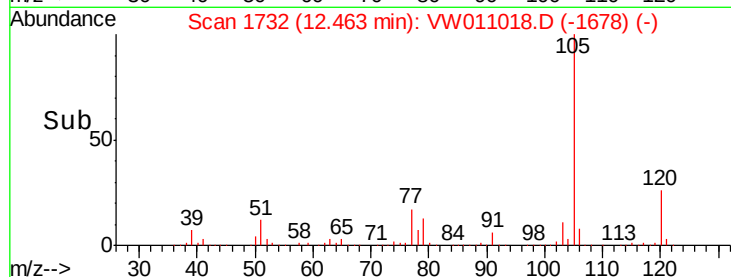
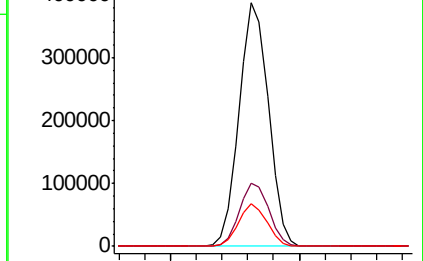
Tgt Ion:	105	Resp:	612756
Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.7	31.1
77	17.0	13.7	20.5



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: 23.740 ug/L

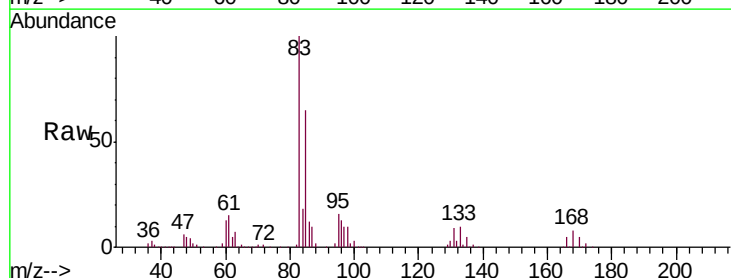
RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011018.D

Acq: 27 Jun 2019 13:18

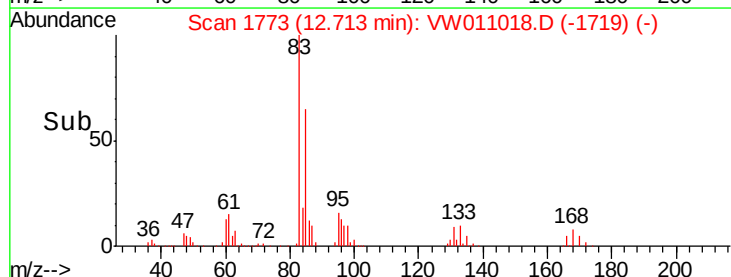
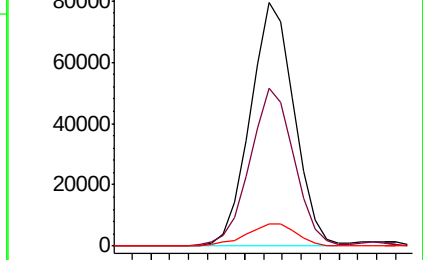
Tgt Ion:	83	Resp:	128471
Ion	Ratio	Lower	Upper
83	100		
85	64.9	44.0	81.6
131	8.9	7.4	11.0

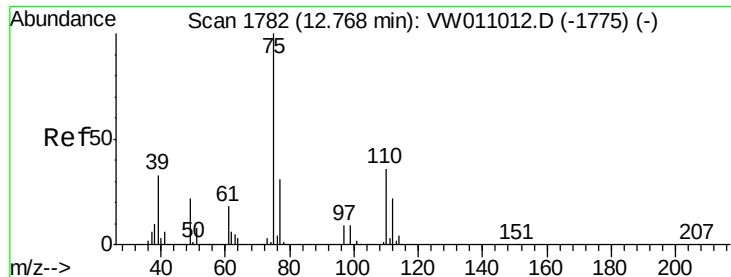


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

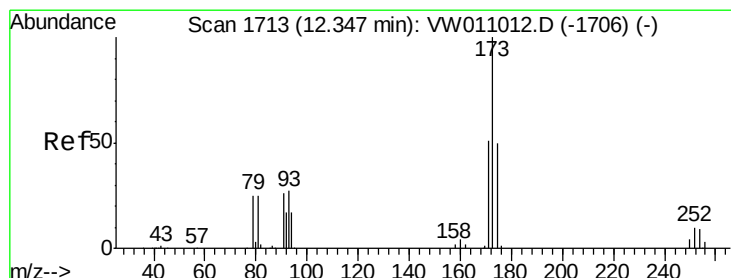
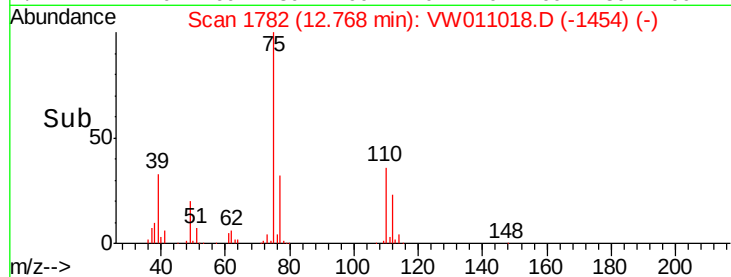
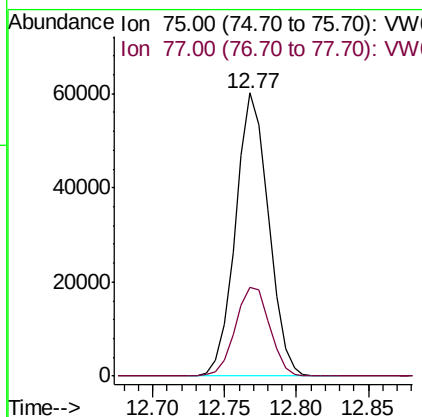
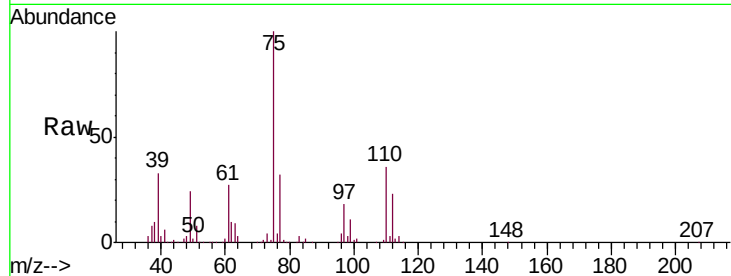
Ion 131.00 (130.70 to 131.70): V





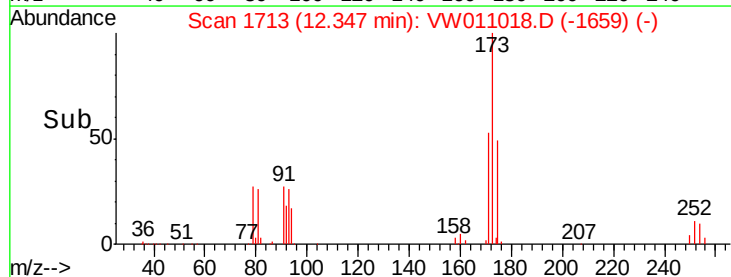
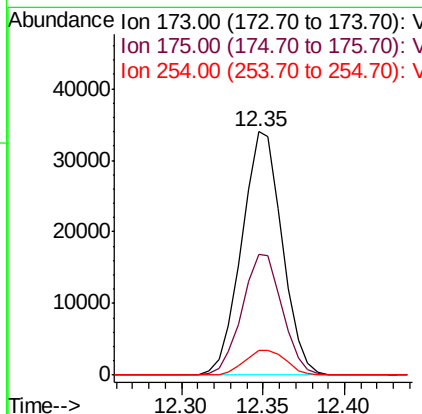
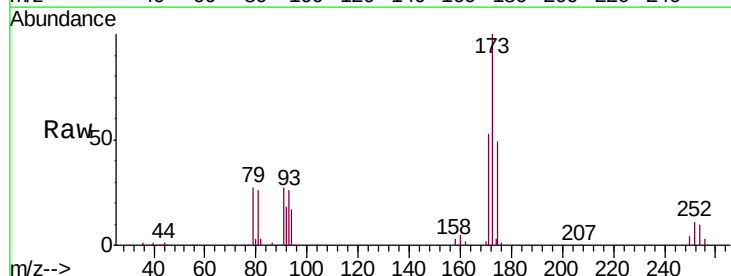
#59
 1,2,3-Trichloropropane
 Concen: 22.846 ug/L
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW011018.D
 Acq: 27 Jun 2019 13:18

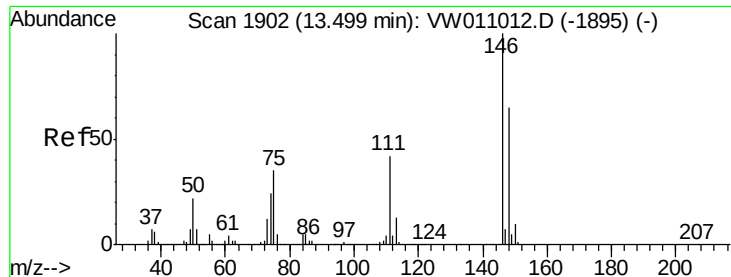
Tgt Ion: 75 Resp: 95994
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.2 37.8



#62
 Bromoform
 Concen: 22.426 ug/L
 RT: 12.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: VW011018.D
 Acq: 27 Jun 2019 13:18

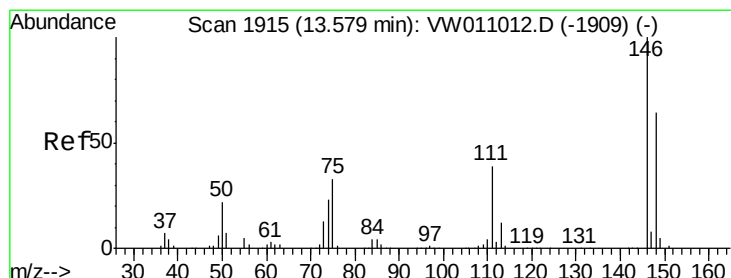
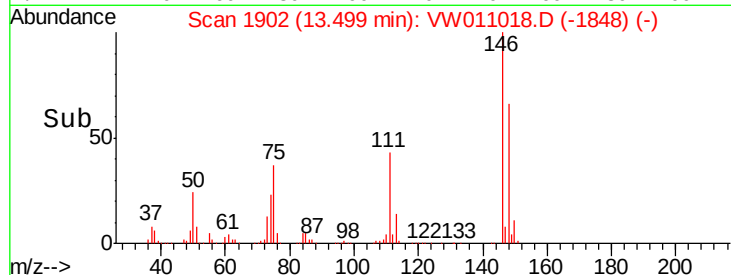
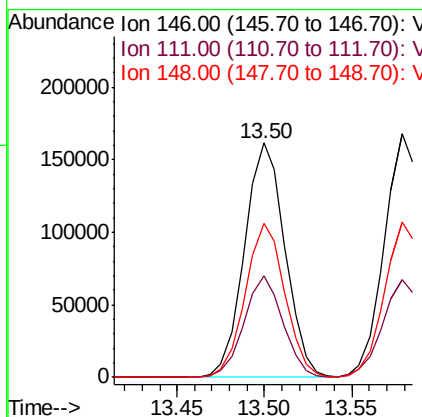
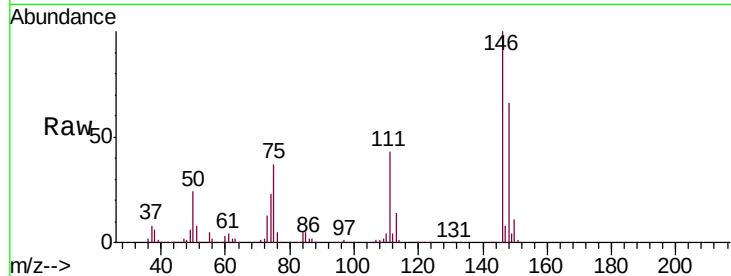
Tgt Ion: 173 Resp: 58861
 Ion Ratio Lower Upper
 173 100
 175 49.4 40.1 60.1
 254 10.3 8.5 12.7





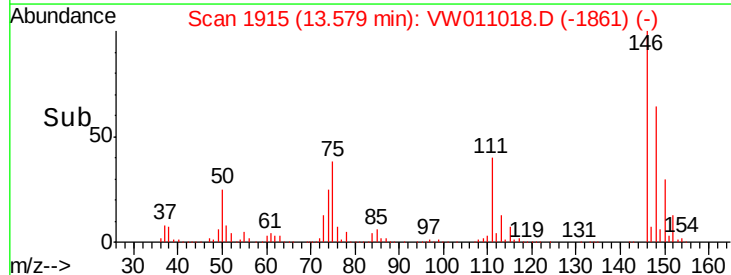
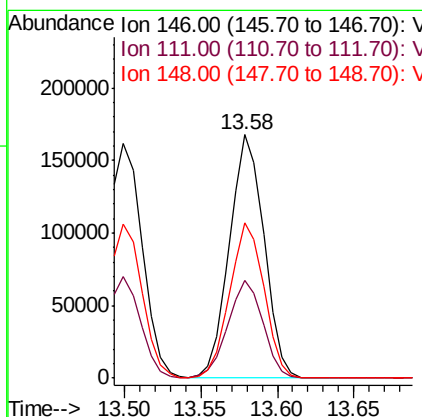
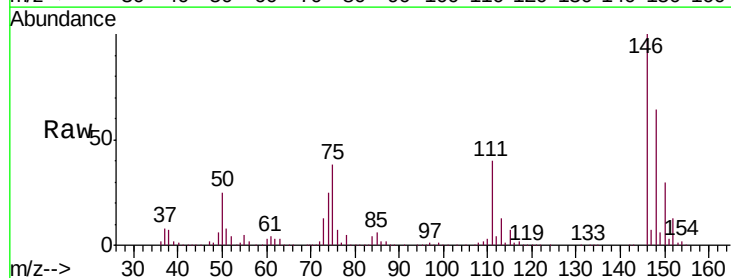
#63
 1,3-Dichlorobenzene
 Concen: 24.274 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011018.D
 Acq: 27 Jun 2019 13:18

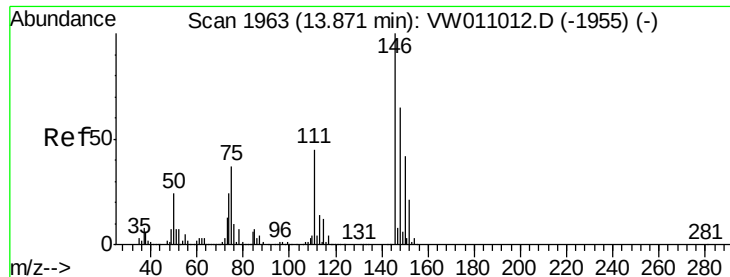
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.2	28.9	53.7
148	65.9	44.2	82.0



#64
 1,4-Dichlorobenzene
 Concen: 24.565 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011018.D
 Acq: 27 Jun 2019 13:18

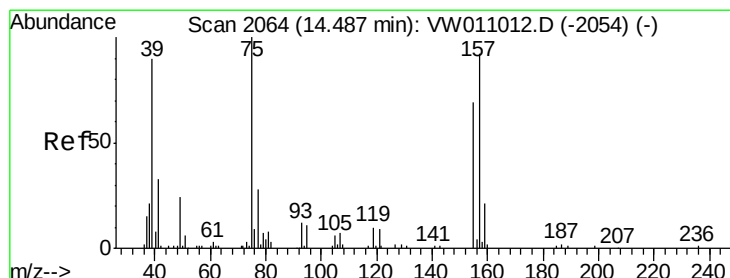
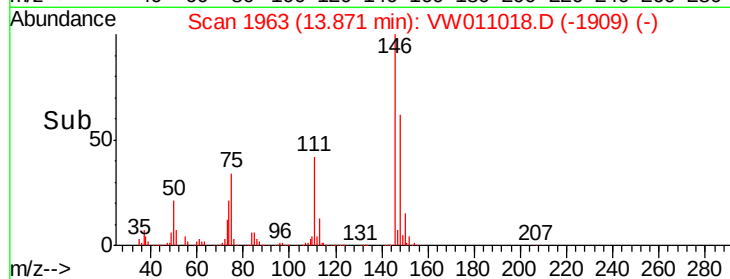
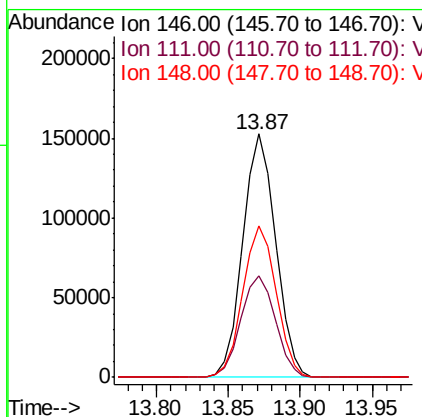
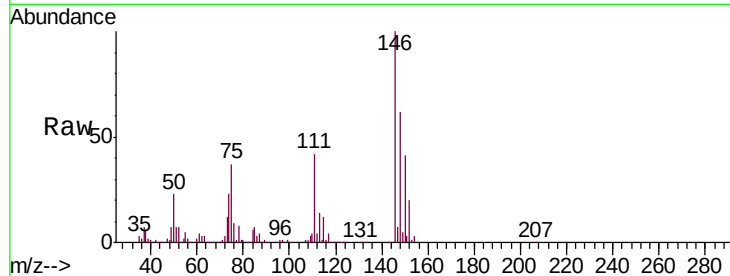
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	27.9	51.9
148	63.7	46.0	85.4





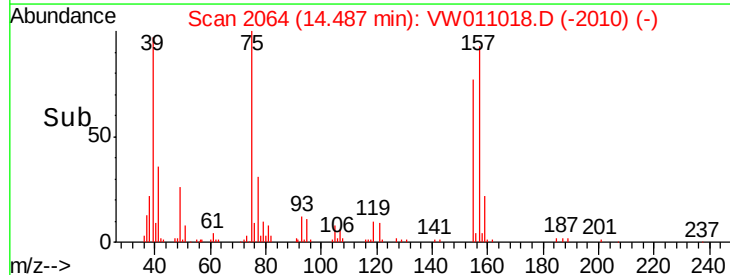
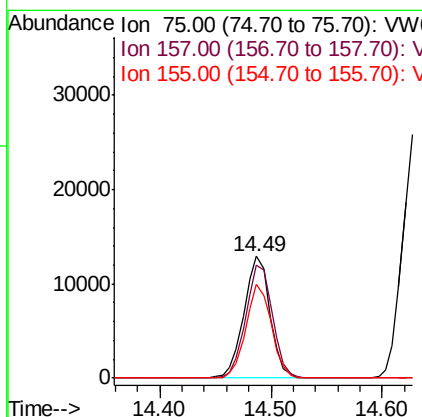
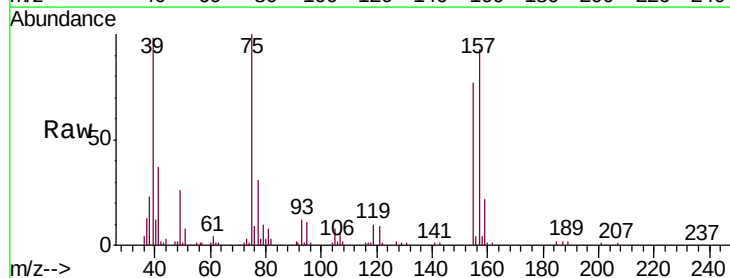
#65
 1,2-Dichlorobenzene
 Concen: 24.467 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011018.D
 Acq: 27 Jun 2019 13:18

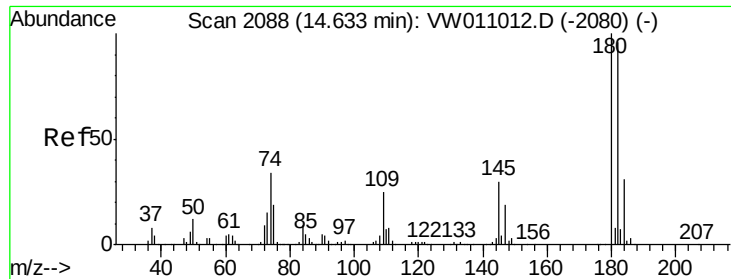
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	34.6	51.8
148	62.0	50.5	75.7



#66
 1,2-Dibromo-3-chloropropane
 Concen: 20.781 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011018.D
 Acq: 27 Jun 2019 13:18

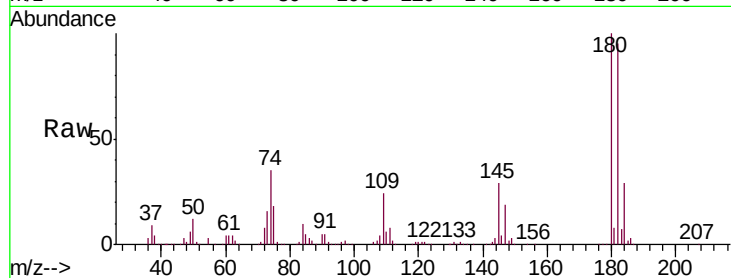
Tgt Ion	Ratio	Lower	Upper
75	100		
157	93.4	71.8	107.8
155	77.4	55.2	82.8



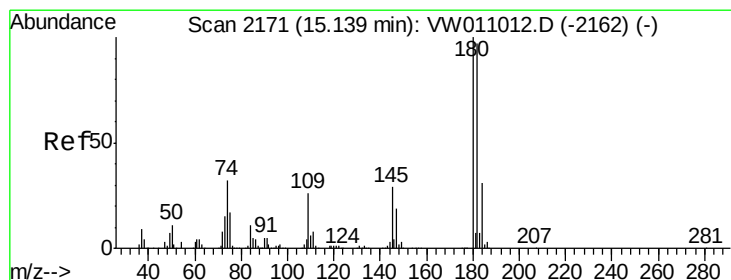
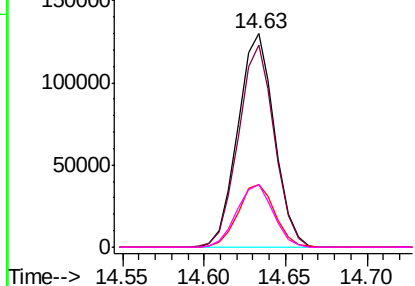
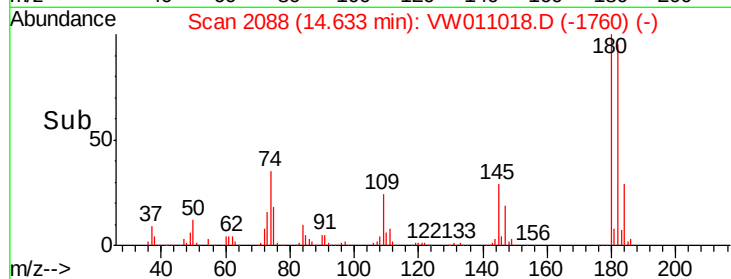


#67
 1,3,5-Trichlorobenzene
 Concen: 24.880 ug/L
 RT: 14.63 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VW011018.D
 Acq: 27 Jun 2019 13:18

Tgt Ion:	180	Resp:	202173
Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.2	114.2
184	29.8	24.3	36.5
145	29.4	24.2	36.2

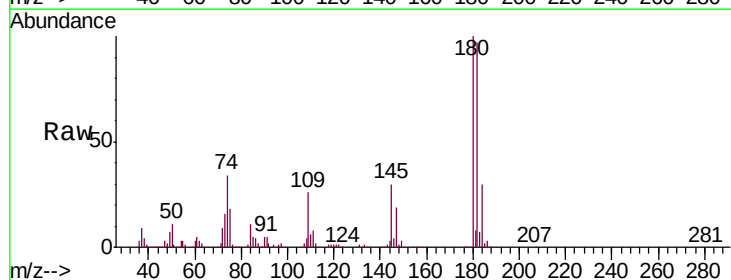


Abundance Ion 180.00 (179.70 to 180.70): V
 200000
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

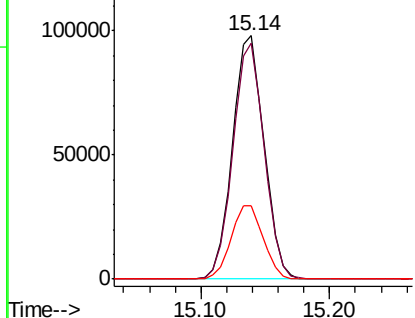
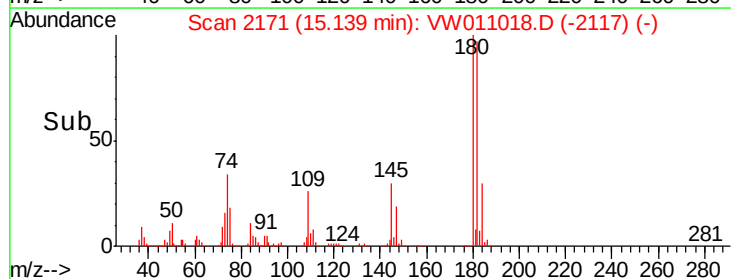


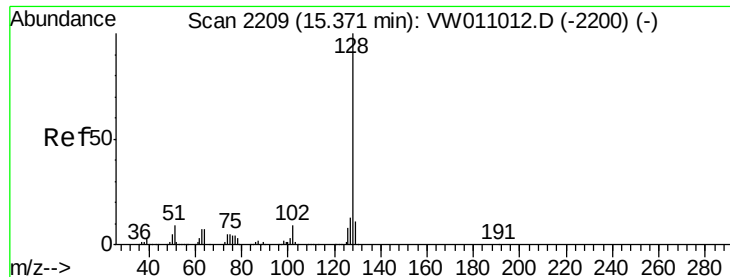
#68
 1,2,4-trichlorobenzene
 Concen: 24.203 ug/L
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW011018.D
 Acq: 27 Jun 2019 13:18

Tgt Ion:	180	Resp:	166681
Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.1	114.1
145	30.9	24.2	36.4



Abundance Ion 180.00 (179.70 to 180.70): V
 100000
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 23.283 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW011018.D

Acq: 27 Jun 2019 13:18

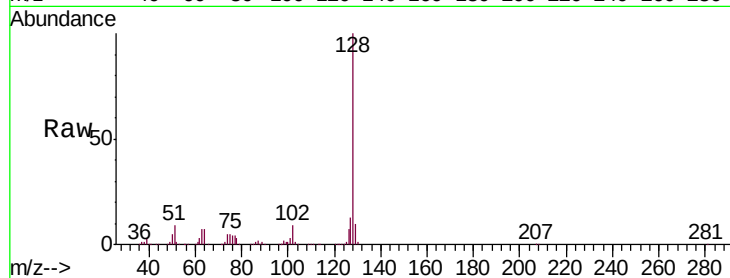
Tgt Ion:128 Resp: 342158

Ion Ratio Lower Upper

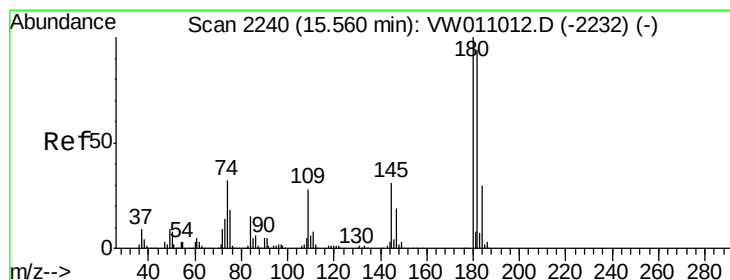
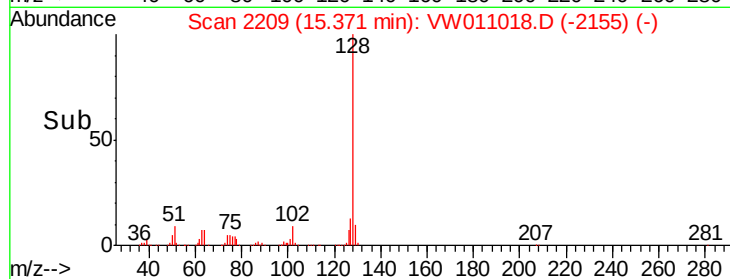
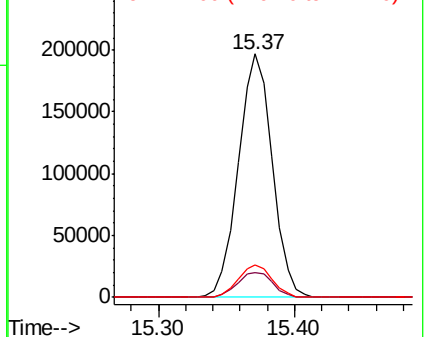
128 100

129 10.8 8.8 13.2

127 13.4 10.9 16.3



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



#70

1,2,3-Trichlorobenzene

Concen: 24.081 ug/L

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW011018.D

Acq: 27 Jun 2019 13:18

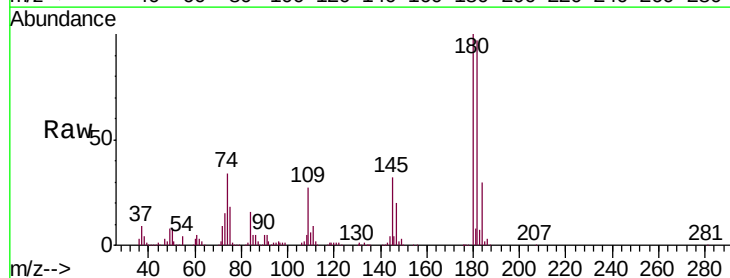
Tgt Ion:180 Resp: 150638

Ion Ratio Lower Upper

180 100

182 96.2 76.0 114.0

145 32.5 25.6 38.4



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

