

Data File : VW013518.D
Acq On : 10 Oct 2019 12:05
Operator : SY/VA
Sample : VSTD02563
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 10 14:04:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 10 13:36:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	492164	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	430675	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	221204	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	138072	23.53	ug/L	0.00
7) Chloroethane-d5	2.89	69	100512	21.34	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	290462	25.14	ug/L	0.00
20) 2-Butanone-d5	7.08	46	84362	41.59	ug/L	0.00
24) Chloroform-d	7.65	84	254650	22.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	130608	21.78	ug/L	0.00
29) Benzene-d6	8.27	84	559208	23.91	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	163196	23.42	ug/L	0.00
37) Toluene-d8	10.32	98	525937	23.88	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	73823	23.58	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	67623	44.35	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	134427	22.72	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	188569	23.86	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	64500	20.941	ug/L	98
3) Chloromethane	2.21	50	111240	26.954	ug/L	96
5) Vinyl chloride	2.36	62	170436	29.860	ug/L	98
6) Bromomethane	2.78	94	104082	28.682	ug/L	98
8) Chloroethane	2.92	64	94493	27.290	ug/L	99
9) Trichlorofluoromethane	3.26	101	91941	25.990	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	160389	28.690	ug/L	98
12) 1,1-Dichloroethene	4.04	96	159683	28.145	ug/L	96
13) Acetone	4.12	43	82780	49.034	ug/L	96
14) Carbon disulfide	4.38	76	489883	30.417	ug/L	100
15) Methyl Acetate	4.67	43	79971	24.549	ug/L	100
16) Methylene chloride	4.92	84	165971	22.572	ug/L	96
17) Methyl tert-butyl Ether	5.42	73	261410	26.638	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	169417	27.926	ug/L	97
19) 1,1-Dichloroethane	6.21	63	285012	26.785	ug/L	99
21) 2-Butanone	7.17	43	114938	47.268	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	181411	27.444	ug/L	99
23) Bromochloromethane	7.51	128	80660	27.117	ug/L	94
25) Chloroform	7.68	83	279425	26.721	ug/L	100
27) 1,2-Dichloroethane	8.40	62	178748	26.101	ug/L	100
30) Cyclohexane	7.95	56	295722	28.590	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	224906	27.208	ug/L	98
32) Carbon tetrachloride	8.07	117	216461	27.464	ug/L	99
34) Benzene	8.32	78	674754	27.946	ug/L	100
35) Trichloroethene	9.09	95	174343	27.485	ug/L	97
36) Methylcyclohexane	9.34	83	319431	28.269	ug/L	99
40) 1,2-Dichloropropane	9.37	63	162503	27.357	ug/L	99
41) Bromodichloromethane	9.64	83	199886	27.425	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	264093	27.833	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	225577	49.605	ug/L	98

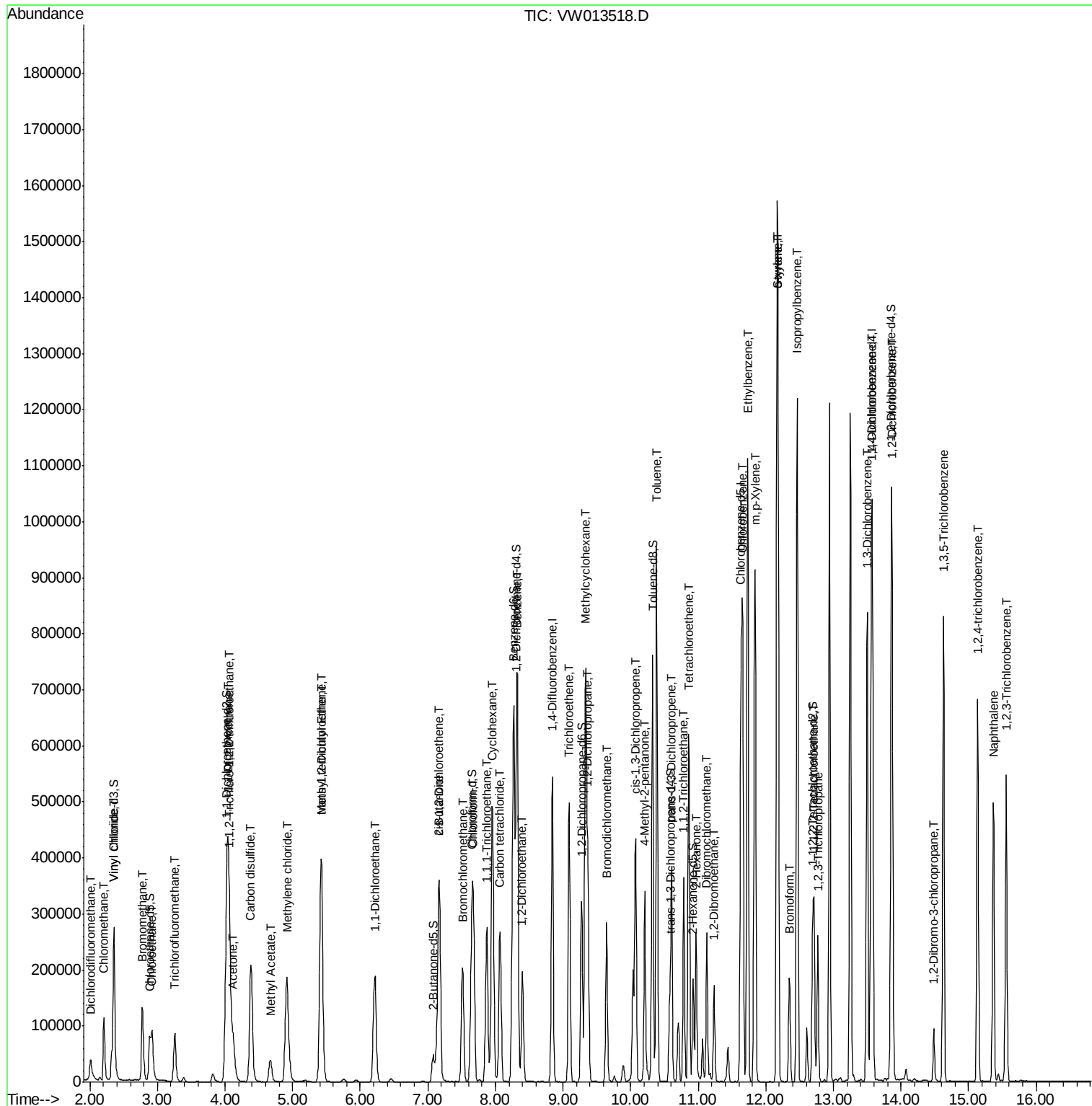
Data File : VW013518.D
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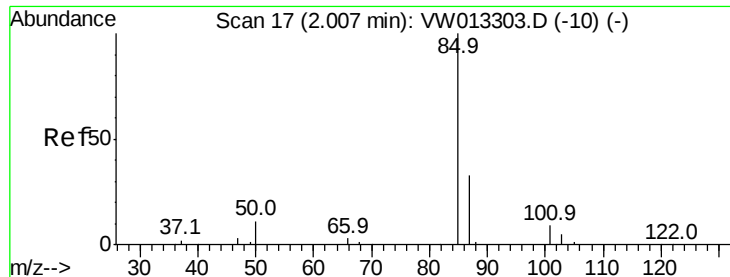
Quant Time: Oct 10 14:04:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 10 13:36:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	733289	27.895	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	209398	27.455	ug/L	93
46) 1,1,2-Trichloroethane	10.79	97	124218	26.689	ug/L	97
47) Tetrachloroethene	10.86	164	158638	27.794	ug/L	98
49) 2-Hexanone	10.97	43	166675	50.989	ug/L	98
50) Dibromochloromethane	11.13	129	145933	27.335	ug/L	98
51) 1,2-Dibromoethane	11.24	107	122623	26.817	ug/L	100
52) Chlorobenzene	11.66	112	462215	27.905	ug/L	98
53) Ethylbenzene	11.73	91	811374	27.845	ug/L	98
54) m,p-Xylene	11.84	106	311620	27.852	ug/L	99
55) o-xylene	12.16	106	294125	27.858	ug/L	98
56) Styrene	12.18	104	512581	28.314	ug/L	97
57) Isopropylbenzene	12.46	105	807178	28.273	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	148071	25.824	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	111067	25.958	ug/L	99
62) Bromoform	12.35	173	92171	26.338	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	375191	27.564	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	369194	26.844	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	333427	26.922	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	23471	24.064	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	280088	26.725	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	234045	27.976	ug/L	98
69) Naphthalene	15.36	128	448137	28.039	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	211547	27.803	ug/L	97

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

Quant Time: Oct 10 14:04:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\SOM2WLM101019S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 10 13:36:36 2019
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 20.941 ug/L

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013518.D

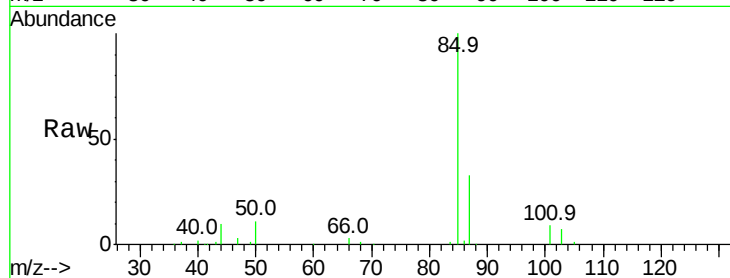
Acq: 10 Oct 2019 12:05

Tgt Ion: 85 Resp: 64500

Ion Ratio Lower Upper

85 100

87 29.2 21.3 39.6



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW

25000

20000

15000

10000

5000

0

Time--> 1.90 2.00 2.10 2.20

2.01

2.01

2.01

2.01

2.01

2.01

2.01

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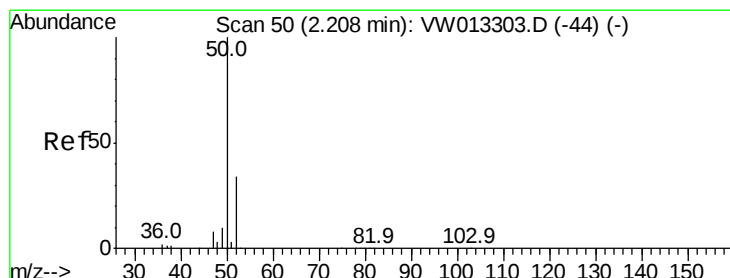
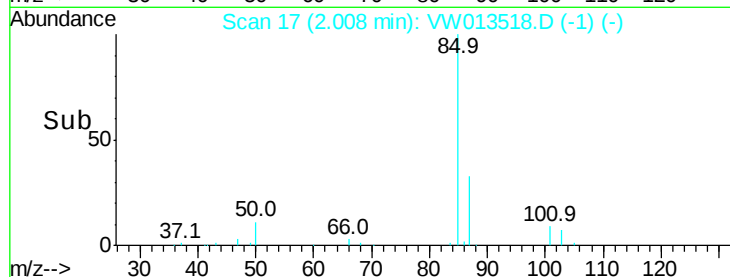
2.01

2.01

2.01

2.01

2.01



#3

Chloromethane

Concen: 26.954 ug/L

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013518.D

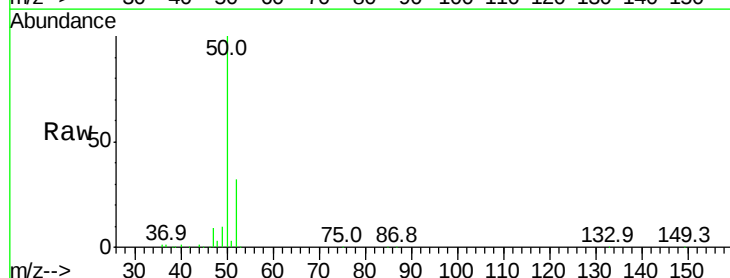
Acq: 10 Oct 2019 12:05

Tgt Ion: 50 Resp: 111240

Ion Ratio Lower Upper

50 100

52 32.3 24.4 45.4



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW

80000

60000

40000

20000

0

Time--> 2.15 2.20 2.25

2.21

2.21

2.21

2.21

2.21

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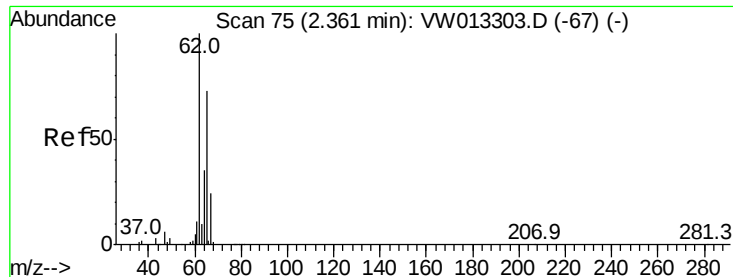
2.21

2.21

2.21

2.21

2.21



#5

Vinyl chloride

Concen: 29.860 ug/L

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW013518.D

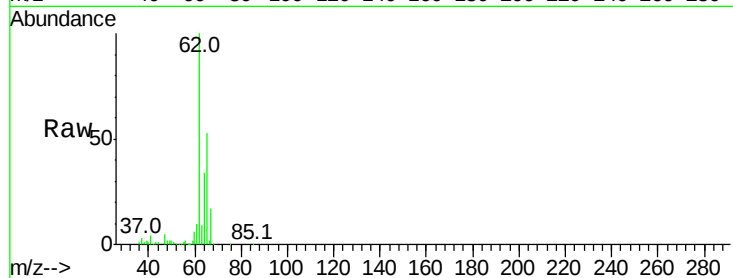
Acq: 10 Oct 2019 12:05

Tgt Ion: 62 Resp: 170436

Ion Ratio Lower Upper

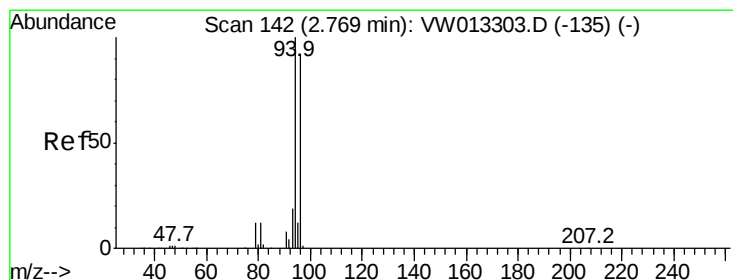
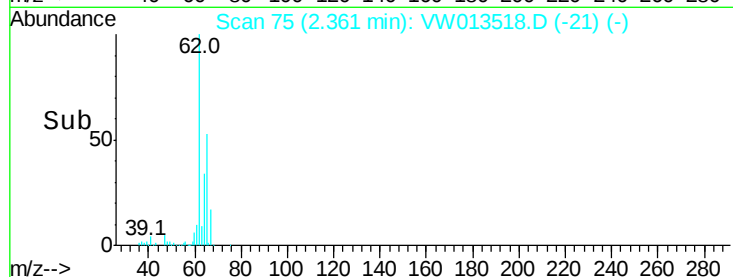
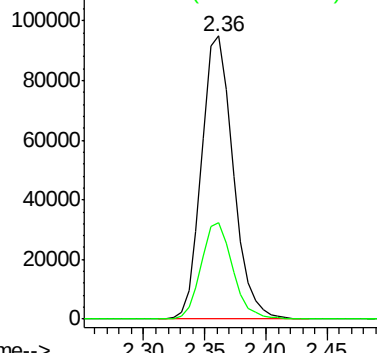
62 100

64 34.1 23.2 43.0



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 64.00 (63.70 to 64.70): VW



#6

Bromomethane

Concen: 28.682 ug/L

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW013518.D

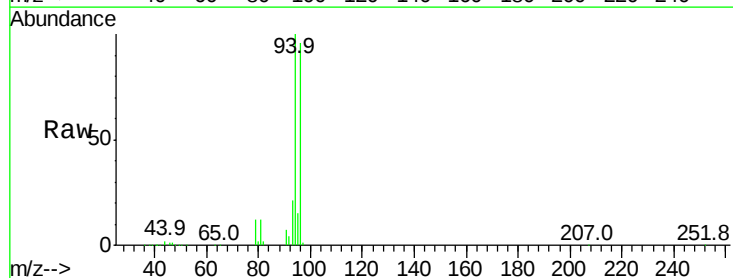
Acq: 10 Oct 2019 12:05

Tgt Ion: 94 Resp: 104082

Ion Ratio Lower Upper

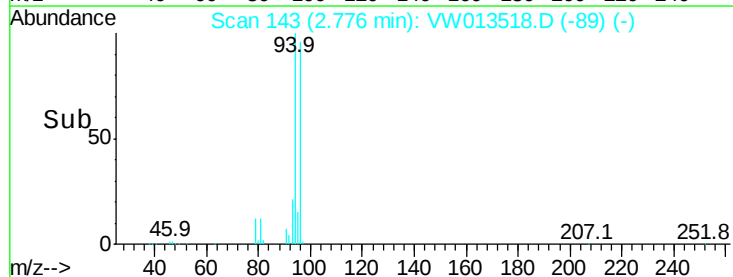
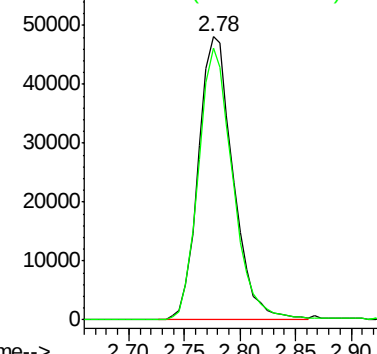
94 100

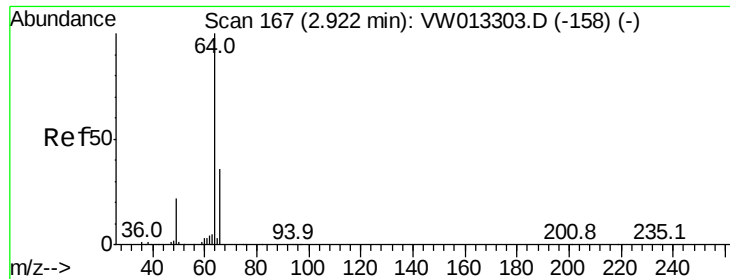
96 94.7 9.7 184.3



Abundance Ion 94.00 (93.70 to 94.70): VW

Ion 96.00 (95.70 to 96.70): VW





#8

Chloroethane

Concen: 27.290 ug/L

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW013518.D

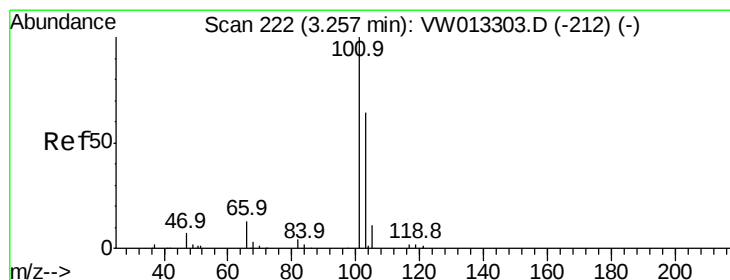
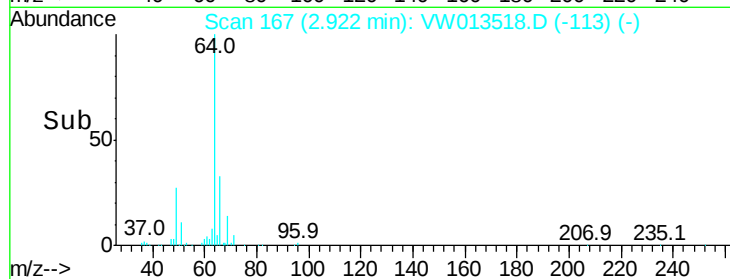
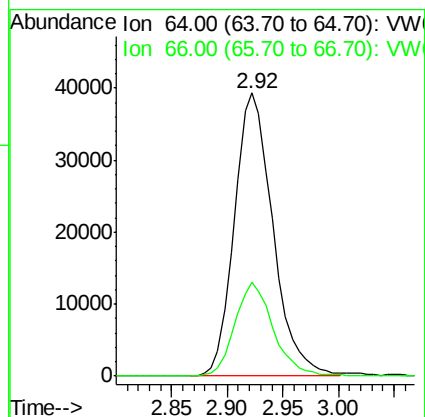
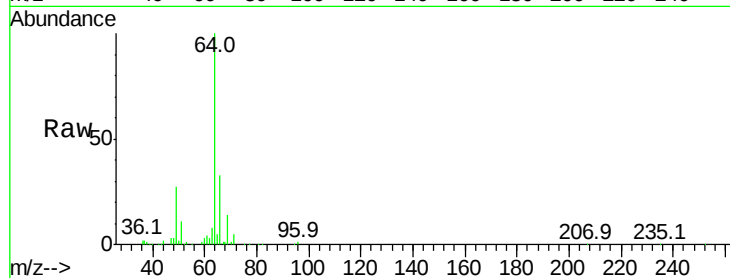
Acq: 10 Oct 2019 12:05

Tgt Ion: 64 Resp: 94493

Ion Ratio Lower Upper

64 100

66 33.1 22.7 42.1



#9

Trichlorofluoromethane

Concen: 25.990 ug/L

RT: 3.26 min Scan# 222

Delta R.T. 0.00 min

Lab File: VW013518.D

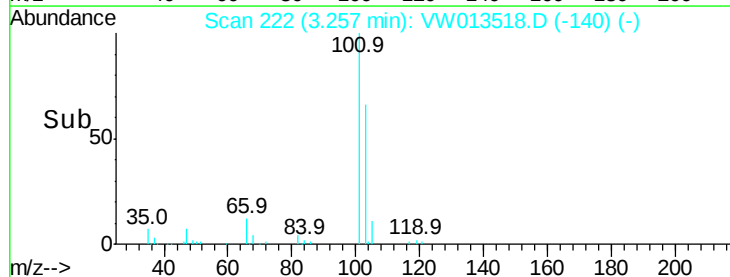
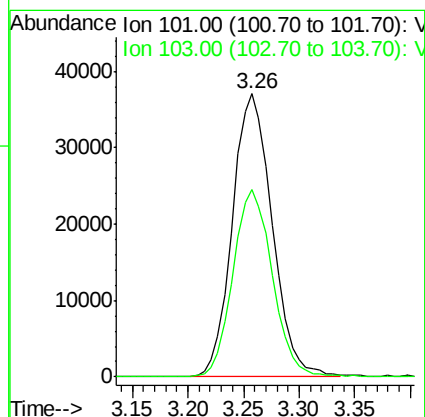
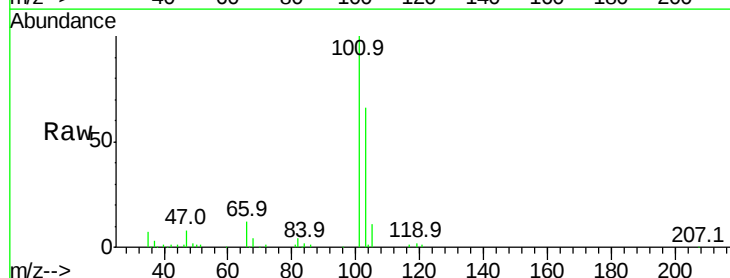
Acq: 10 Oct 2019 12:05

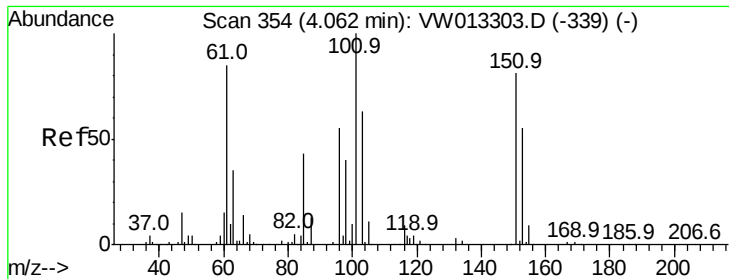
Tgt Ion: 101 Resp: 91941

Ion Ratio Lower Upper

101 100

103 65.7 45.2 84.0





#11

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

Concen: 28.690 ug/L

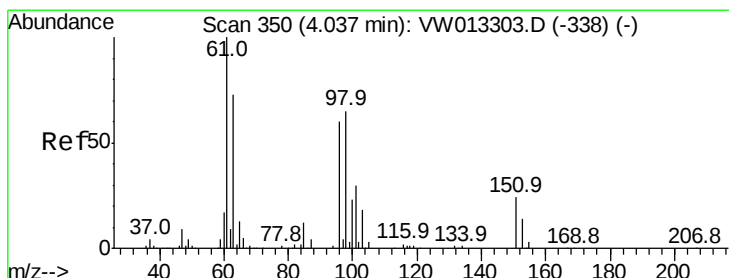
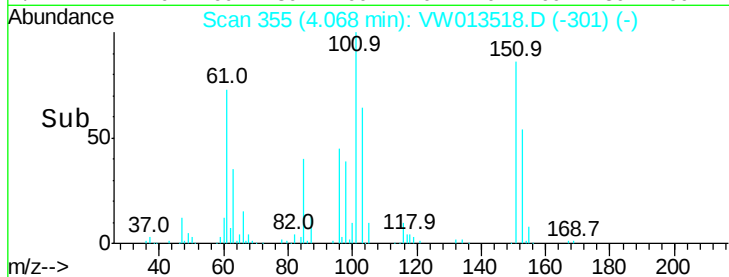
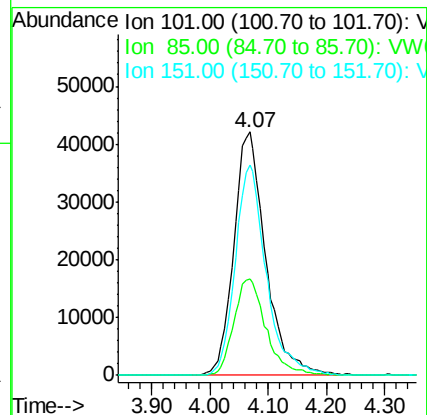
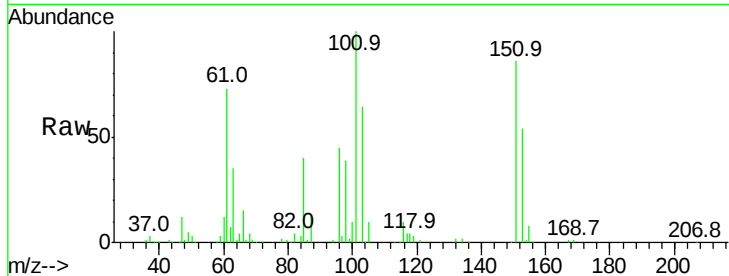
RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW013518.D

Acq: 10 Oct 2019 12:05

Tgt Ion:	101	Resp:	160389
Ion	Ratio	Lower	Upper
101	100		
85	40.0	31.8	47.8
151	83.8	65.4	98.0



#12

1,1-Dichloroethene

Concen: 28.145 ug/L

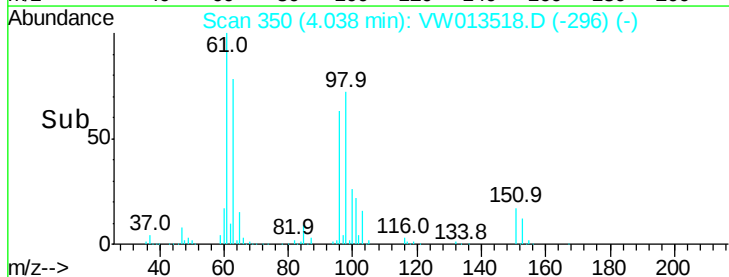
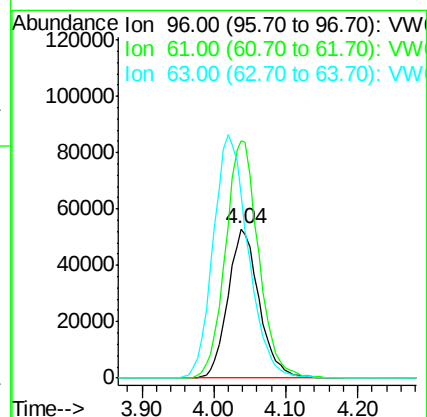
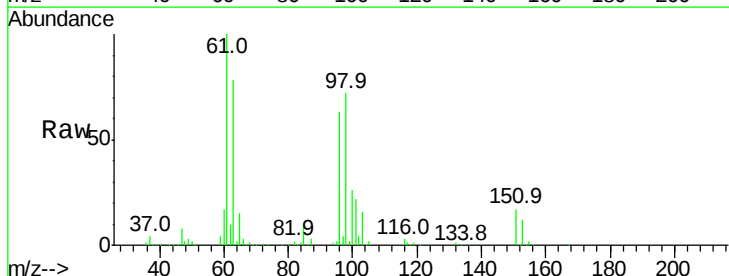
RT: 4.04 min Scan# 350

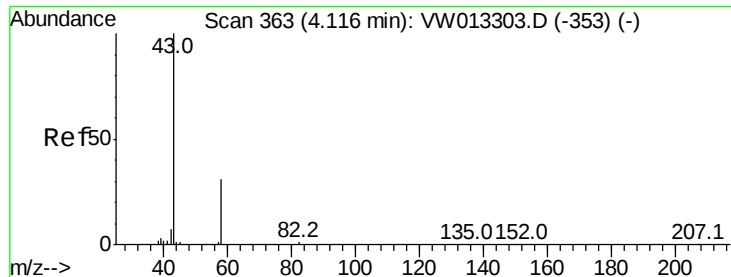
Delta R.T. 0.00 min

Lab File: VW013518.D

Acq: 10 Oct 2019 12:05

Tgt Ion:	96	Resp:	159683
Ion	Ratio	Lower	Upper
96	100		
61	158.6	115.9	215.3
63	123.3	88.9	165.1





#13

Acetone

Concen: 49.034 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW013518.D

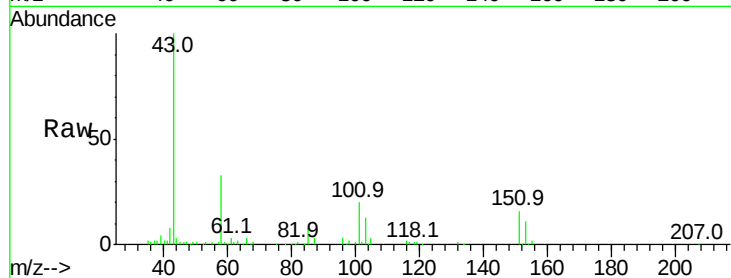
Acq: 10 Oct 2019 12:05

Tgt Ion: 43 Resp: 82780

Ion Ratio Lower Upper

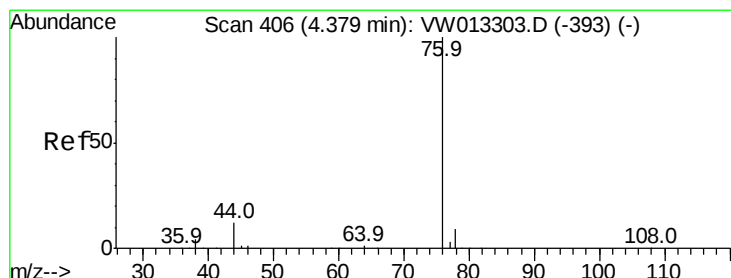
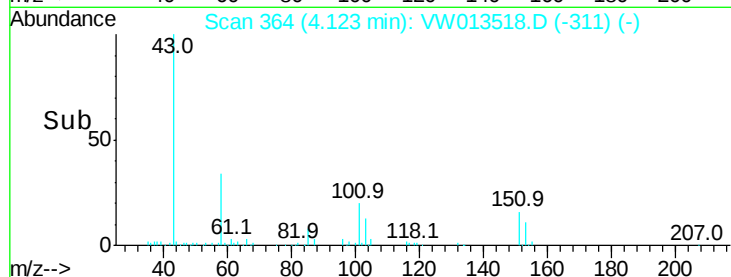
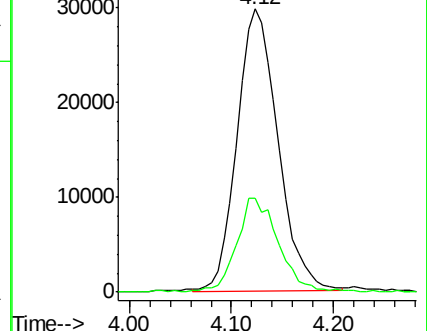
43 100

58 33.9 0.0 63.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 30.417 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW013518.D

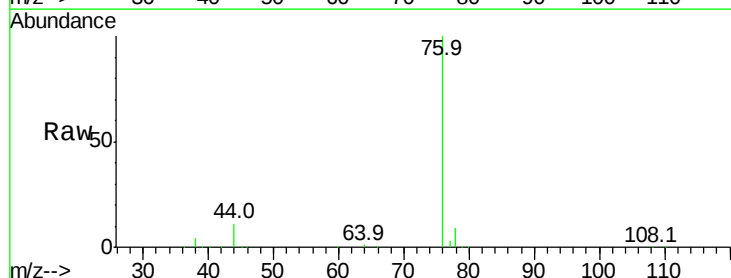
Acq: 10 Oct 2019 12:05

Tgt Ion: 76 Resp: 489883

Ion Ratio Lower Upper

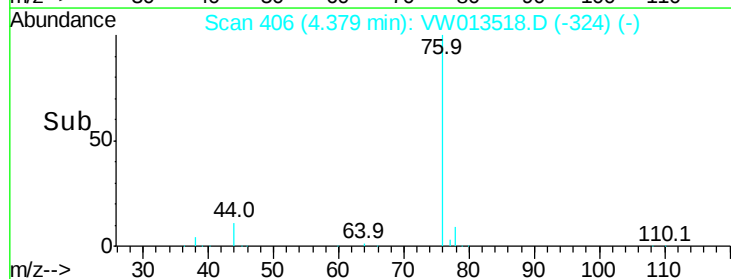
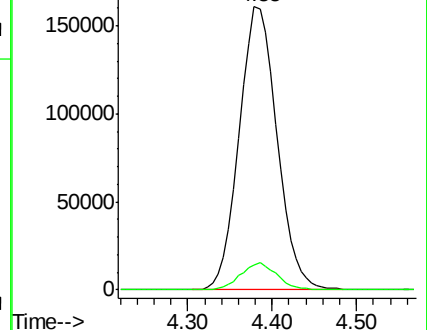
76 100

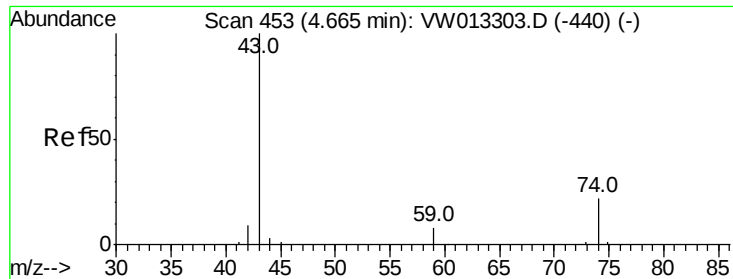
78 8.9 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#15

Methyl Acetate

Concen: 24.549 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW013518.D

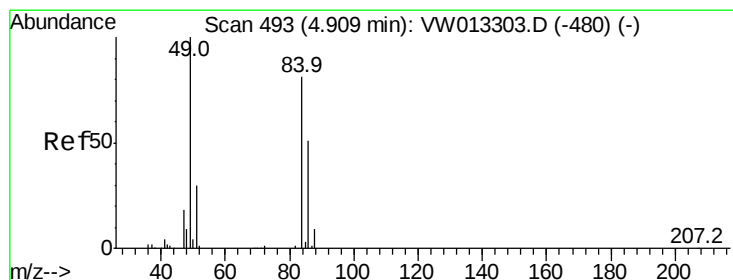
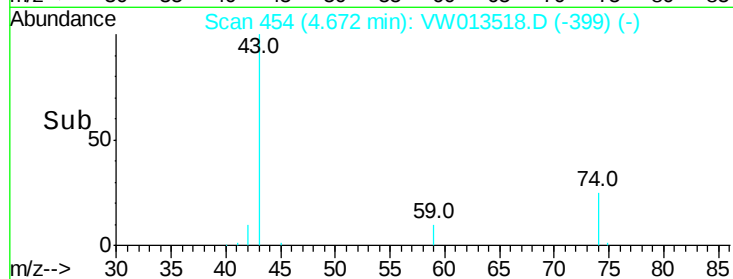
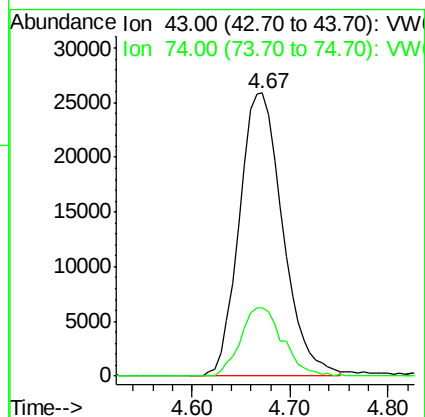
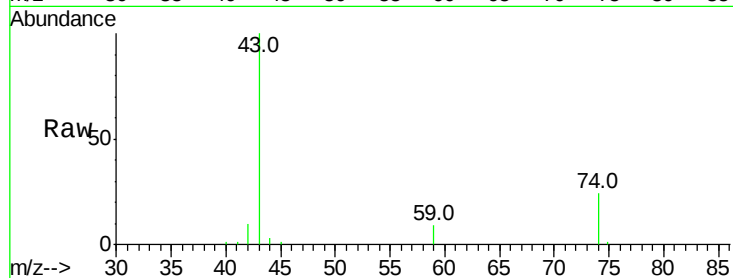
Acq: 10 Oct 2019 12:05

Tgt Ion: 43 Resp: 79971

Ion Ratio Lower Upper

43 100

74 23.4 18.7 28.1



#16

Methylene chloride

Concen: 22.572 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW013518.D

Acq: 10 Oct 2019 12:05

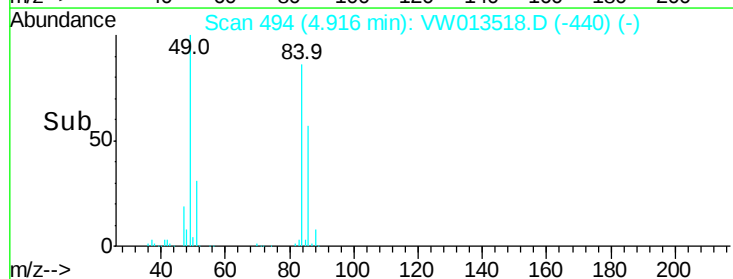
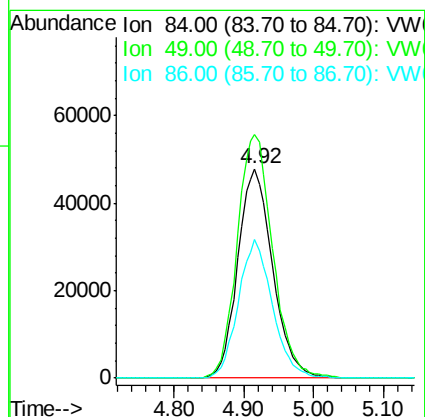
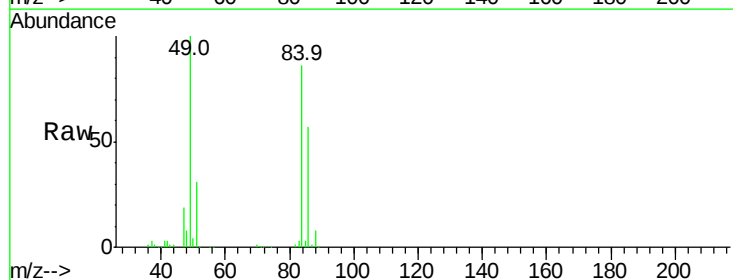
Tgt Ion: 84 Resp: 165971

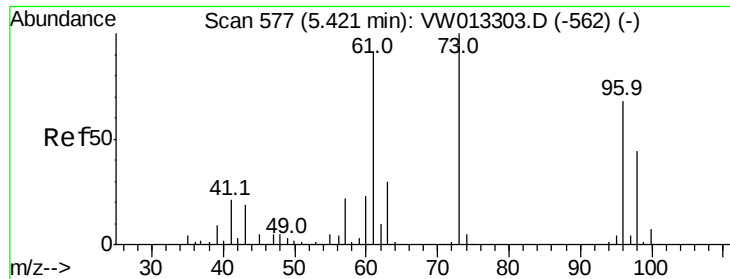
Ion Ratio Lower Upper

84 100

49 116.2 84.8 157.4

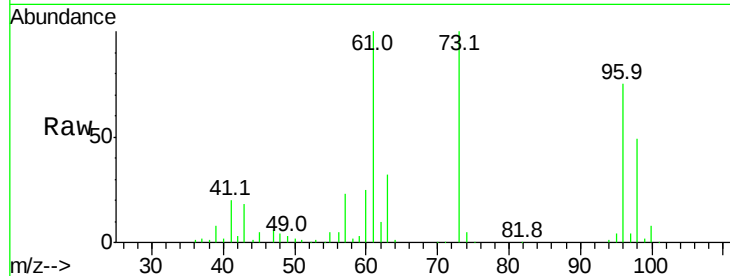
86 66.2 44.0 81.6



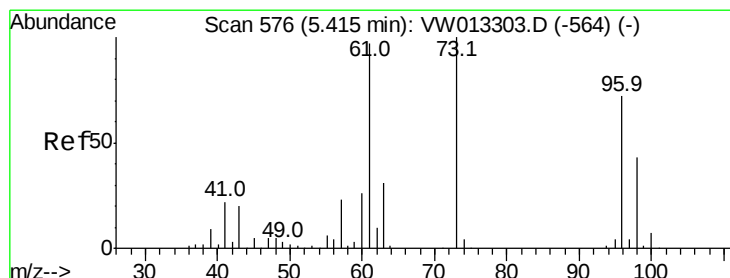
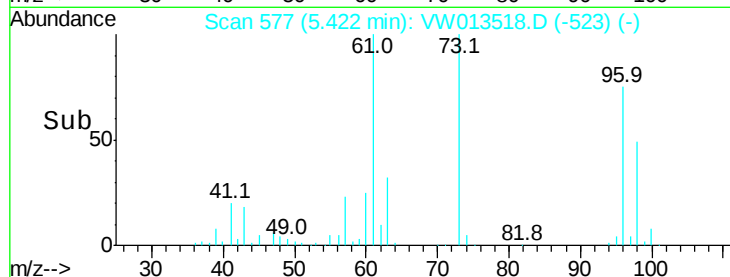
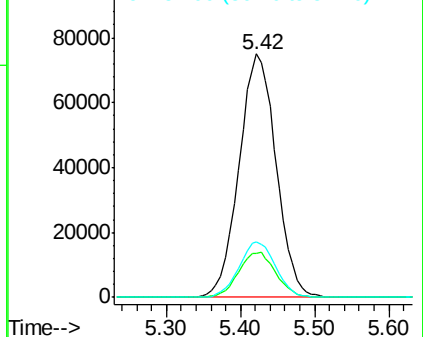


#17
Methyl tert-butyl Ether
Concen: 26.638 ug/L
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW013518.D
Acq: 10 Oct 2019 12:05

Tgt Ion: 73 Resp: 261410
Ion Ratio Lower Upper
73 100
43 18.7 15.3 22.9
57 22.6 18.2 27.4

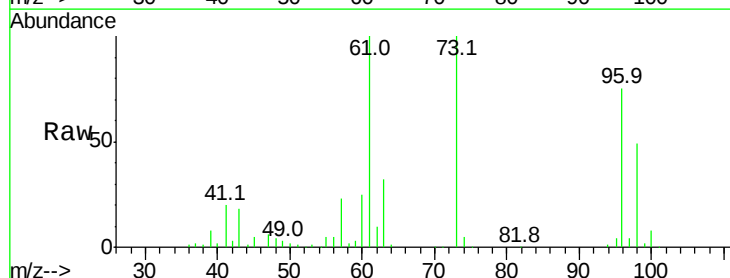


Abundance Ion 73.00 (72.70 to 73.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 57.00 (56.70 to 57.70): VW

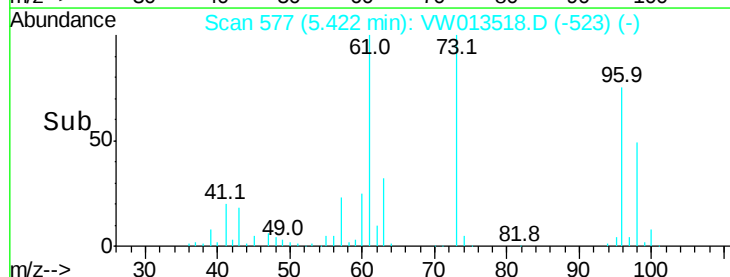
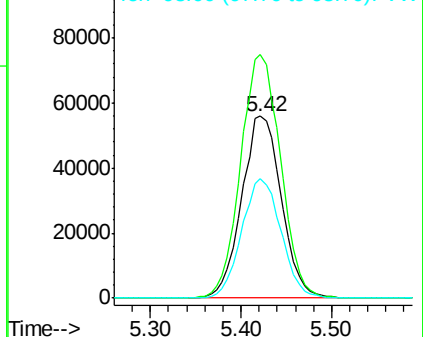


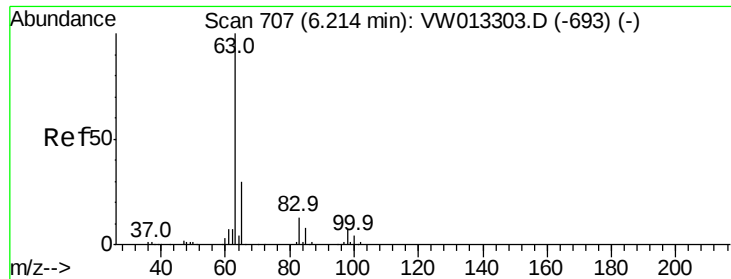
#18
trans-1,2-Dichloroethene
Concen: 27.926 ug/L
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW013518.D
Acq: 10 Oct 2019 12:05

Tgt Ion: 96 Resp: 169417
Ion Ratio Lower Upper
96 100
61 133.8 91.2 169.4
98 65.9 44.7 82.9



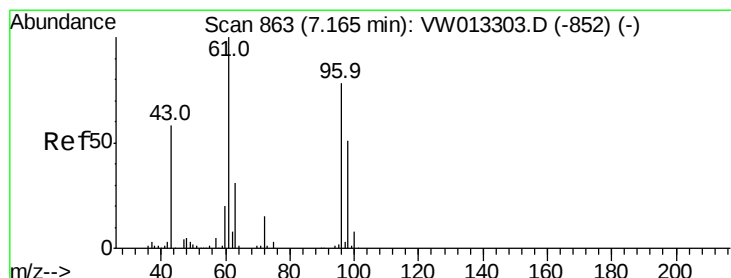
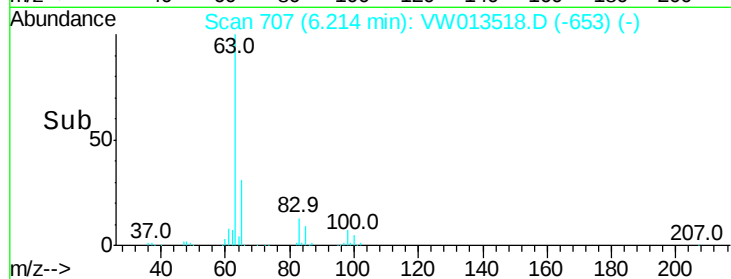
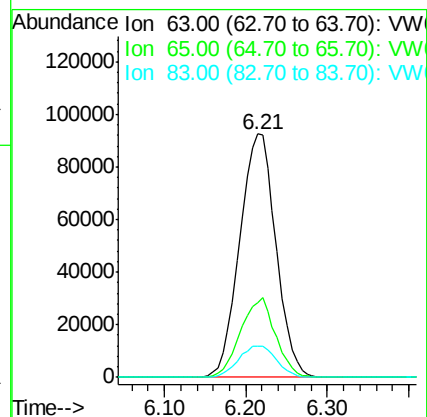
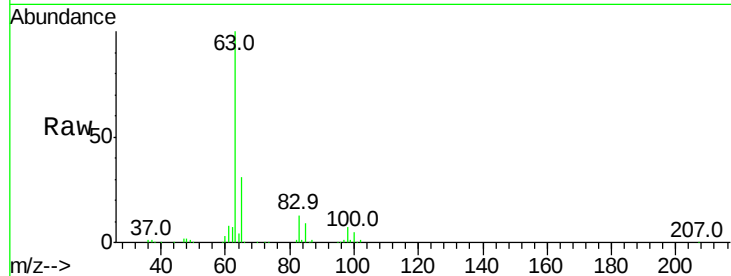
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW





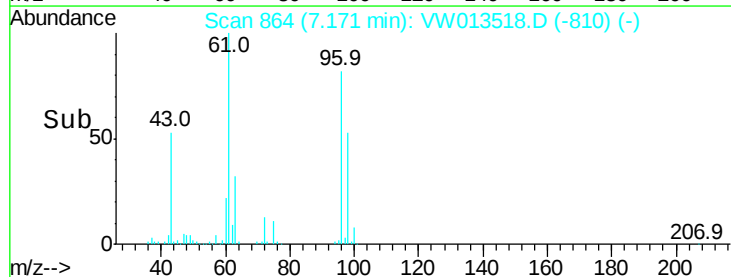
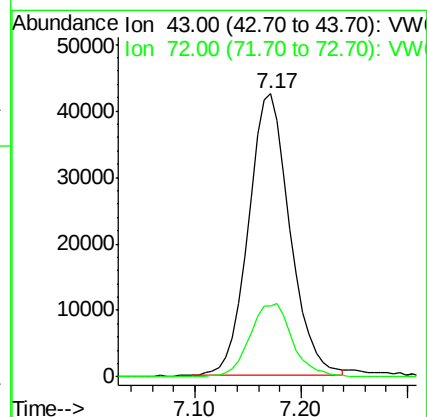
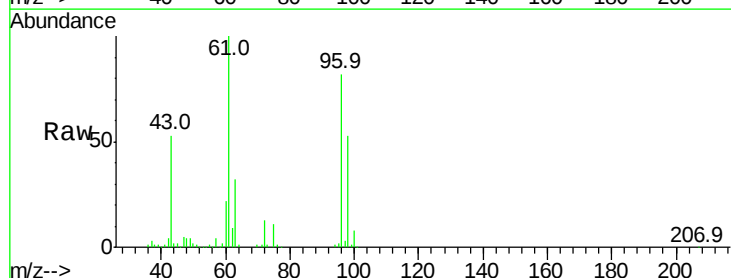
#19
 1,1-Dichloroethane
 Concen: 26.785 ug/L
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW013518.D
 Acq: 10 Oct 2019 12:05

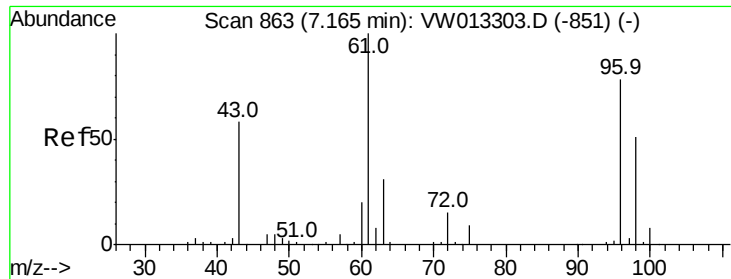
Tgt Ion:	63	Resp:	285012
Ion	Ratio	Lower	Upper
63	100		
65	30.8	21.8	40.4
83	12.8	9.3	17.3



#21
 2-Butanone
 Concen: 47.268 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW013518.D
 Acq: 10 Oct 2019 12:05

Tgt Ion:	43	Resp:	114938
Ion	Ratio	Lower	Upper
43	100		
72	26.9	13.2	39.6

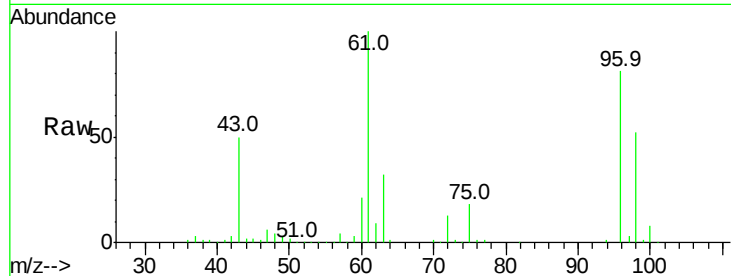




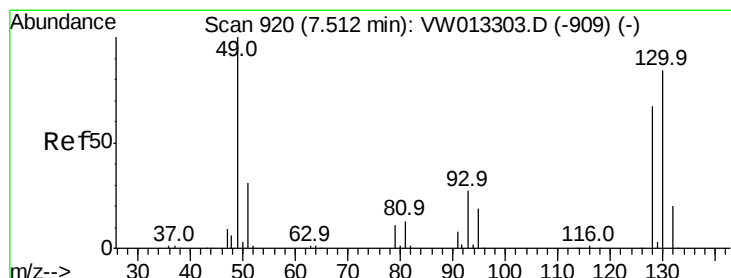
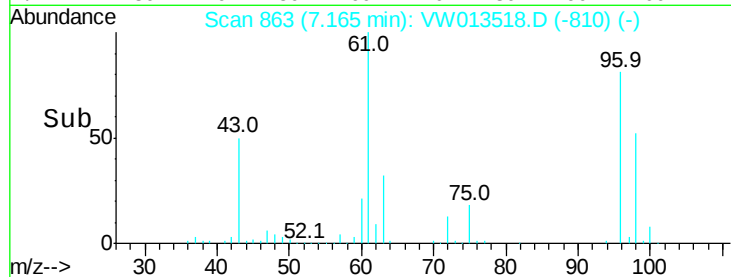
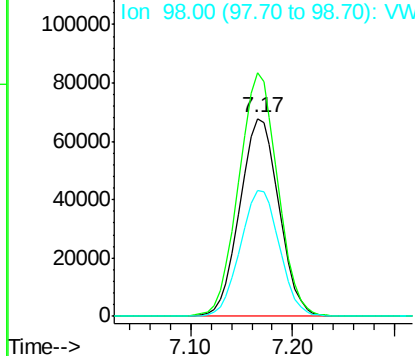
#22

cis-1,2-Dichloroethene
Concen: 27.444 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW013518.D
Acq: 10 Oct 2019 12:05

Tgt Ion: 96 Resp: 181411
Ion Ratio Lower Upper
96 100
61 122.9 86.0 159.6
98 63.5 43.5 80.9



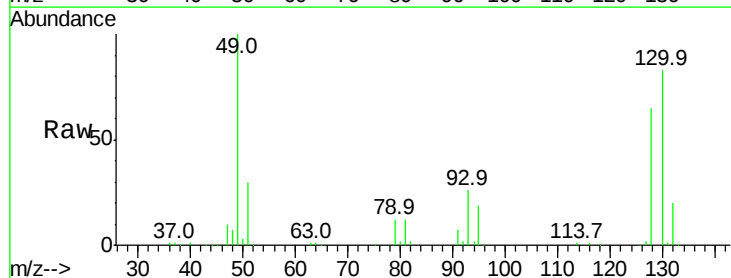
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



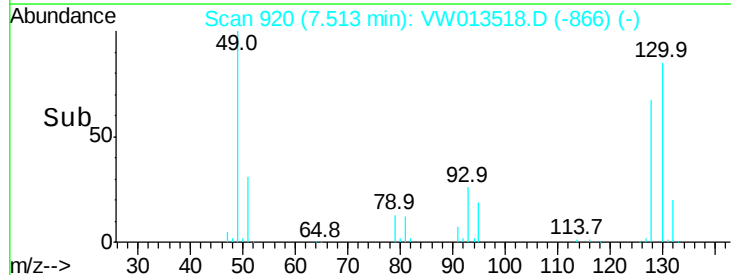
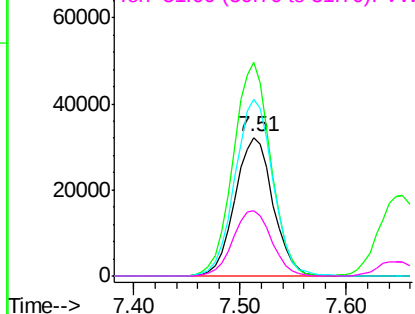
#23

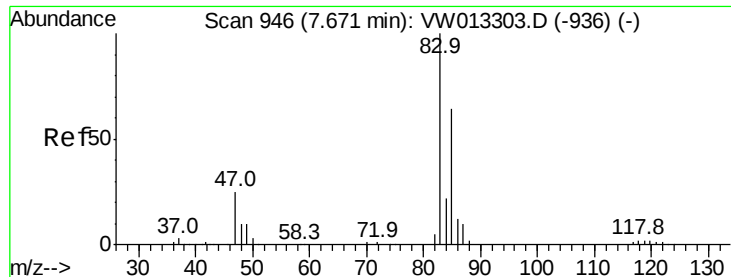
Bromochloromethane
Concen: 27.117 ug/L
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW013518.D
Acq: 10 Oct 2019 12:05

Tgt Ion: 128 Resp: 80660
Ion Ratio Lower Upper
128 100
49 154.3 114.6 212.8
130 127.7 92.6 172.0
51 46.8 42.7 64.1



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: 26.721 ug/L

RT: 7.68 min Scan# 947

Delta R.T. 0.01 min

Lab File: VW013518.D

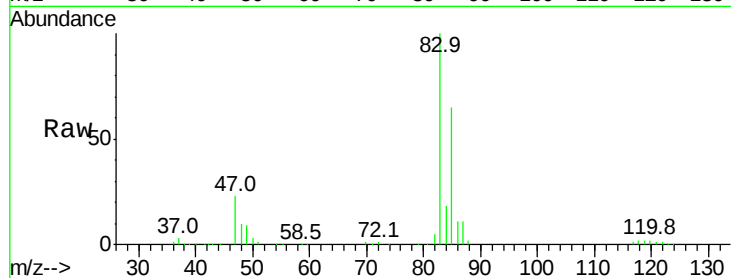
Acq: 10 Oct 2019 12:05

Tgt Ion: 83 Resp: 279425

Ion Ratio Lower Upper

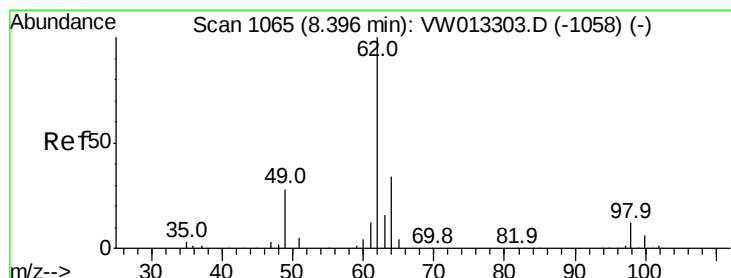
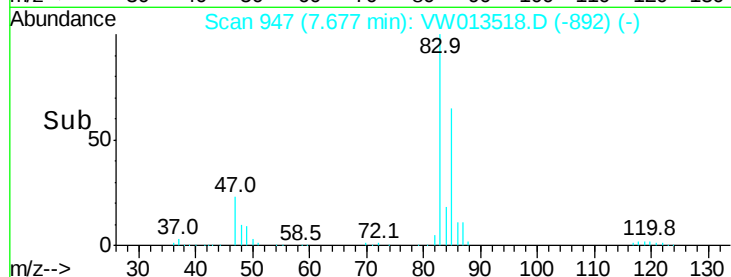
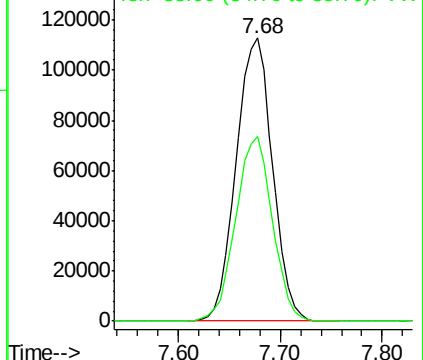
83 100

85 65.8 45.9 85.3



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW



#27

1,2-Dichloroethane

Concen: 26.101 ug/L

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW013518.D

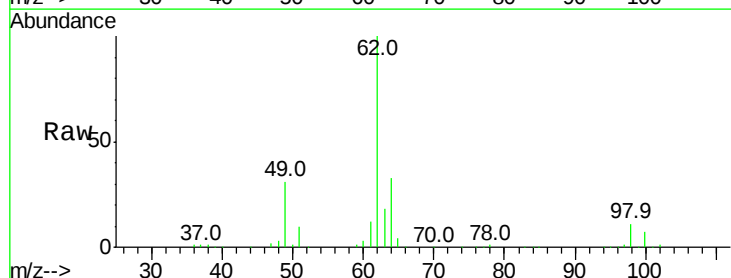
Acq: 10 Oct 2019 12:05

Tgt Ion: 62 Resp: 178748

Ion Ratio Lower Upper

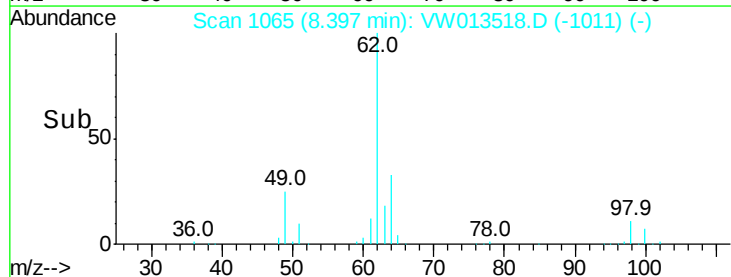
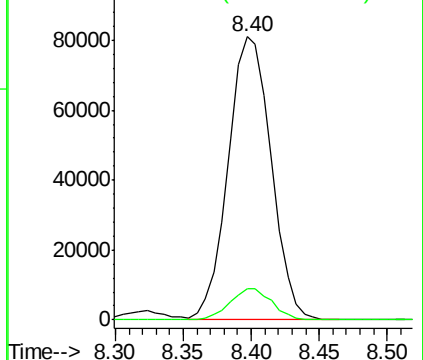
62 100

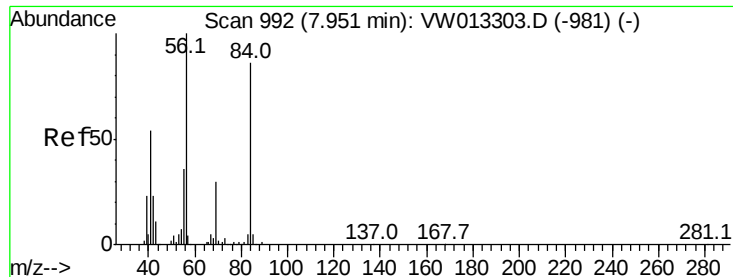
98 11.2 9.0 13.6



Abundance Ion 62.00 (61.70 to 62.70): VW

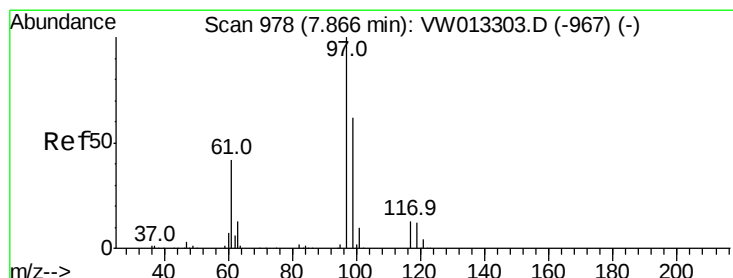
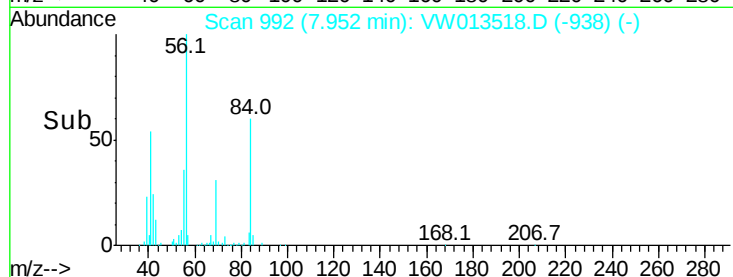
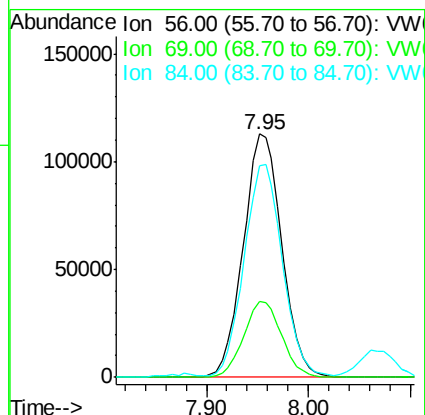
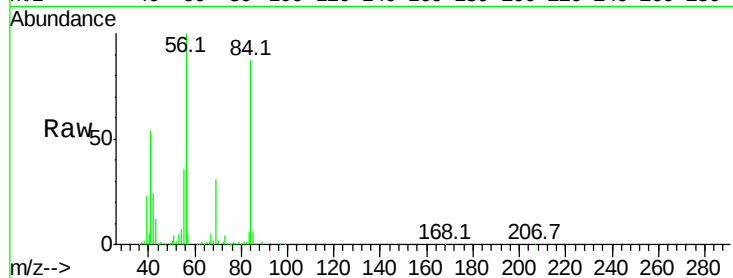
Ion 98.00 (97.70 to 98.70): VW





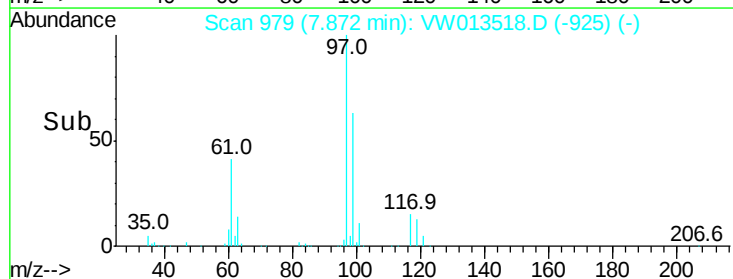
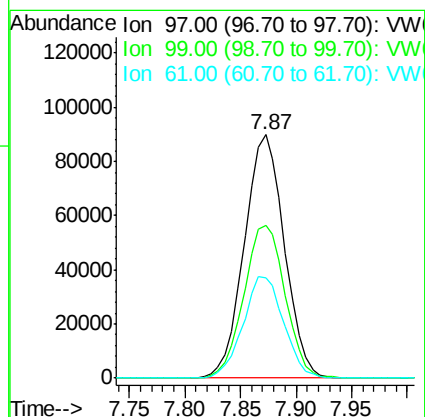
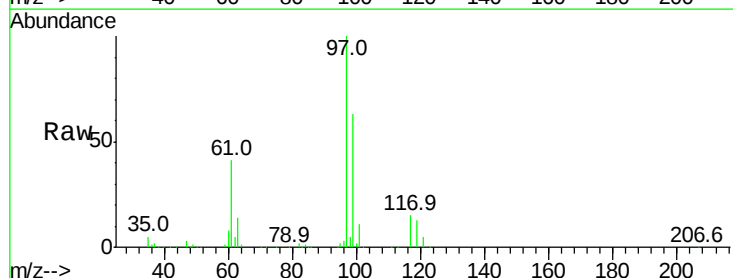
#30
Cyclohexane
Concen: 28.590 ug/L
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW013518.D
Acq: 10 Oct 2019 12:05

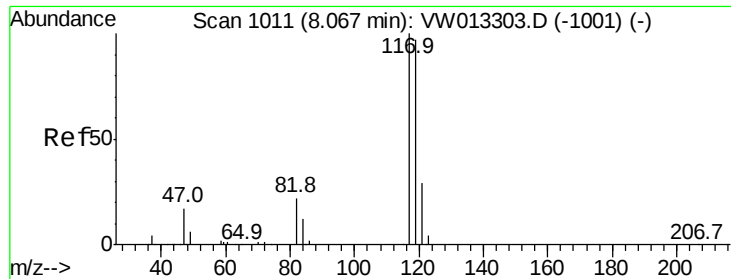
Tgt Ion	56	69	84
Ratio	100	30.9	88.0
Lower		24.6	69.5
Upper		37.0	104.3



#31
1,1,1-Trichloroethane
Concen: 27.208 ug/L
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW013518.D
Acq: 10 Oct 2019 12:05

Tgt Ion	97	99	61
Ratio	100	64.8	42.1
Lower		50.6	34.2
Upper		75.8	51.2





#32

Carbon tetrachloride

Concen: 27.464 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW013518.D

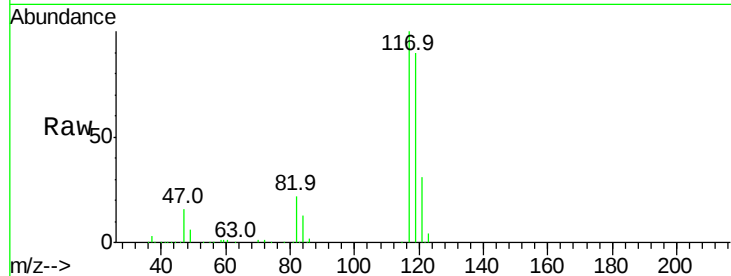
Acq: 10 Oct 2019 12:05

Tgt Ion: 117 Resp: 216461

Ion Ratio Lower Upper

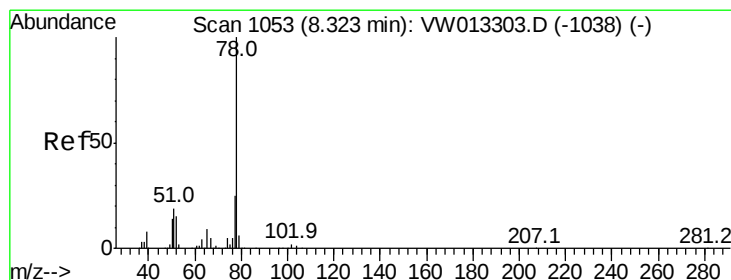
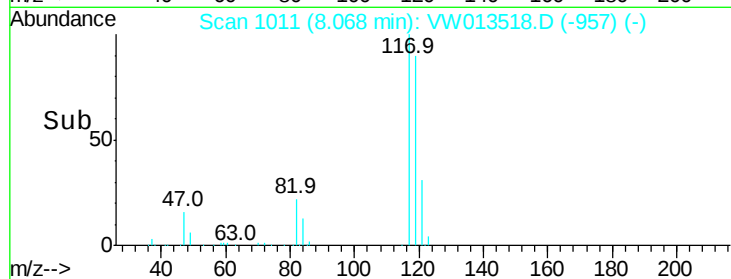
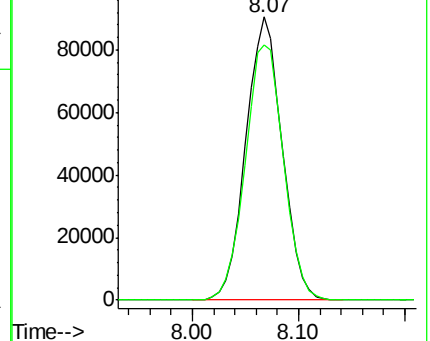
117 100

119 95.1 76.7 115.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 27.946 ug/L

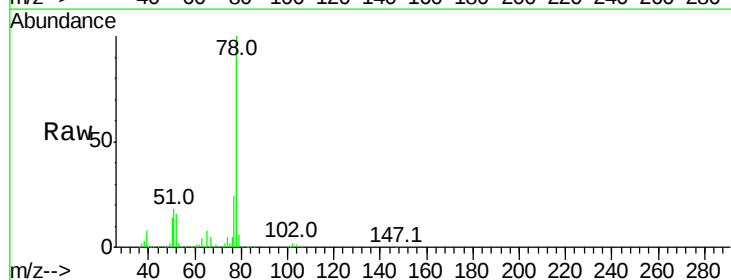
RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

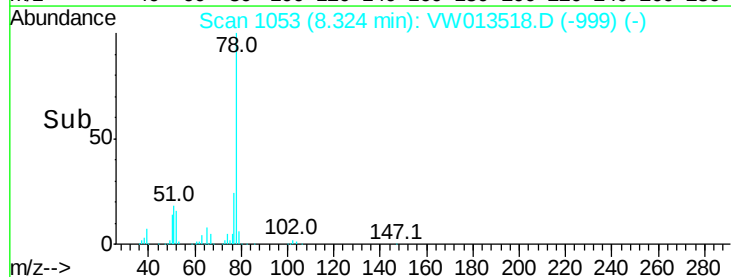
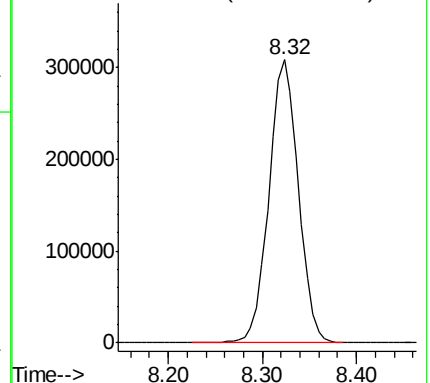
Lab File: VW013518.D

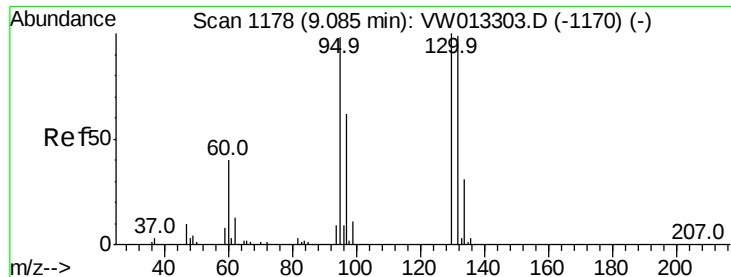
Acq: 10 Oct 2019 12:05

Tgt Ion: 78 Resp: 674754



Abundance Ion 78.00 (77.70 to 78.70): VW





#35

Trichloroethene

Concen: 27.485 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW013518.D

Acq: 10 Oct 2019 12:05

Tgt Ion: 95 Resp: 174343

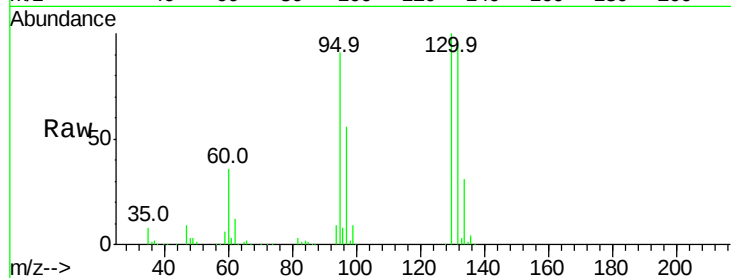
Ion Ratio Lower Upper

95 100

97 64.4 44.3 82.3

132 105.2 71.7 133.3

130 109.0 74.1 137.7

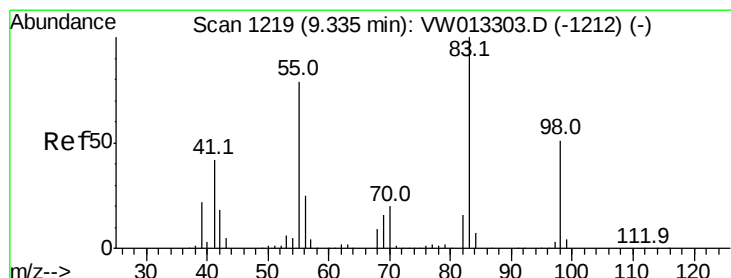
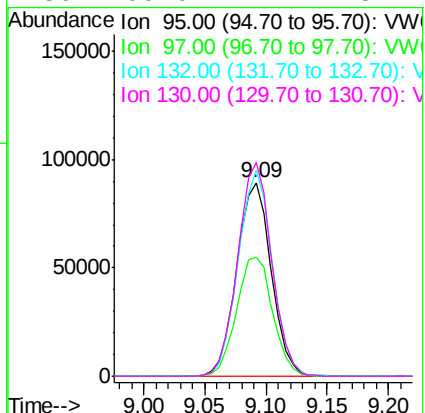
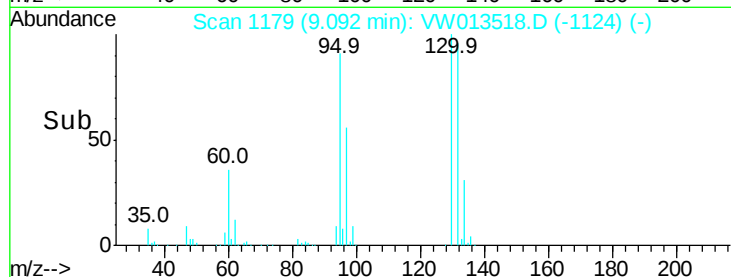


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 28.269 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW013518.D

Acq: 10 Oct 2019 12:05

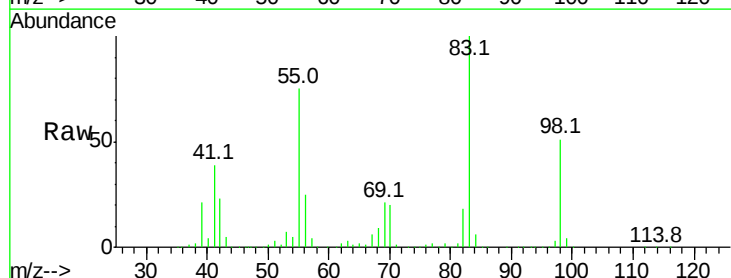
Tgt Ion: 83 Resp: 319431

Ion Ratio Lower Upper

83 100

55 75.5 61.8 92.6

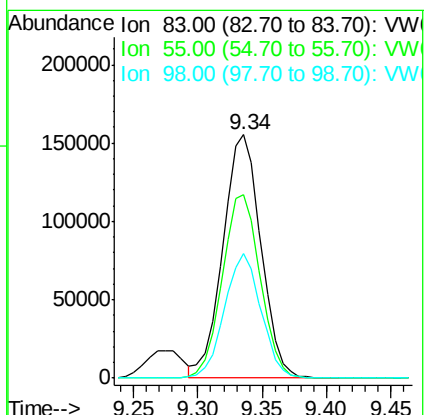
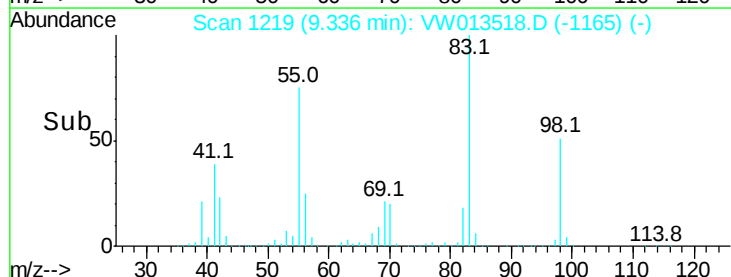
98 49.1 39.6 59.4

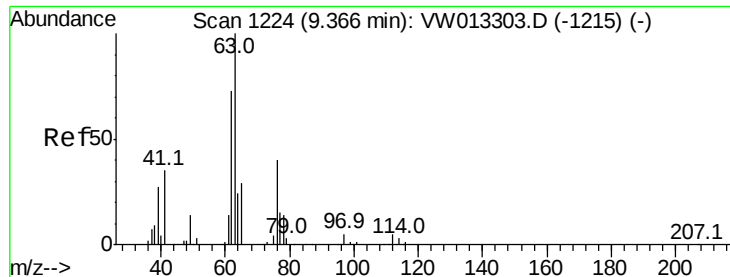


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 27.357 ug/L

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW013518.D

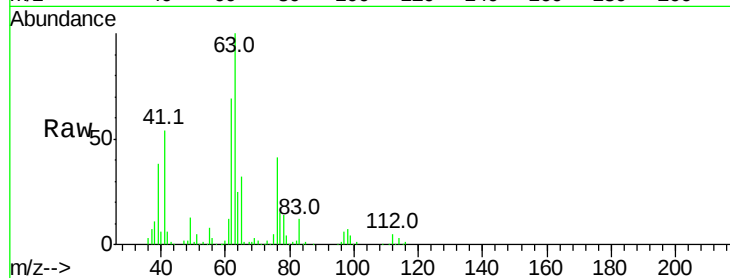
Acq: 10 Oct 2019 12:05

Tgt Ion: 63 Resp: 162503

Ion Ratio Lower Upper

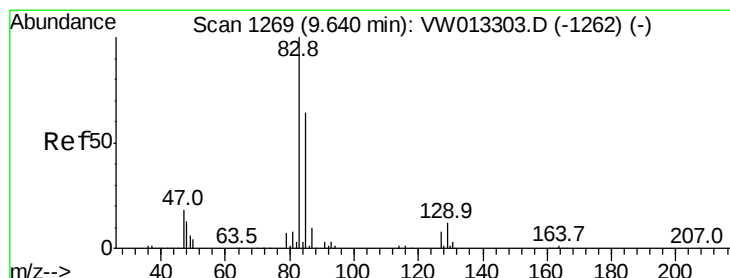
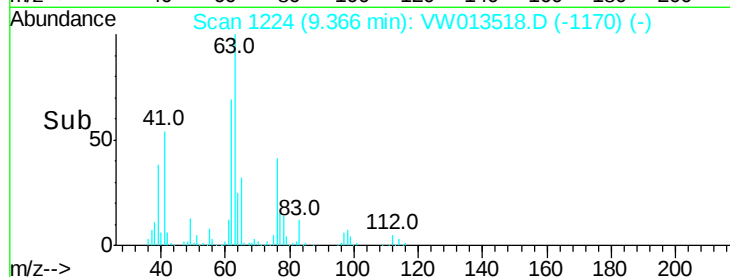
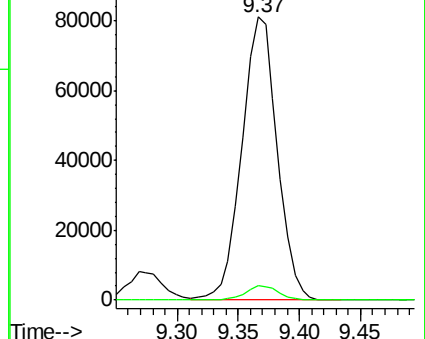
63 100

112 4.8 4.1 6.1



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#41

Bromodichloromethane

Concen: 27.425 ug/L

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW013518.D

Acq: 10 Oct 2019 12:05

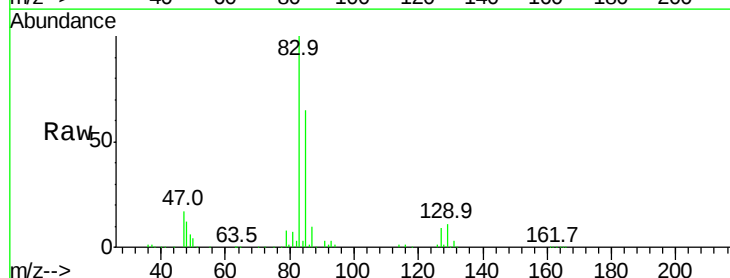
Tgt Ion: 83 Resp: 199886

Ion Ratio Lower Upper

83 100

85 64.5 43.8 81.4

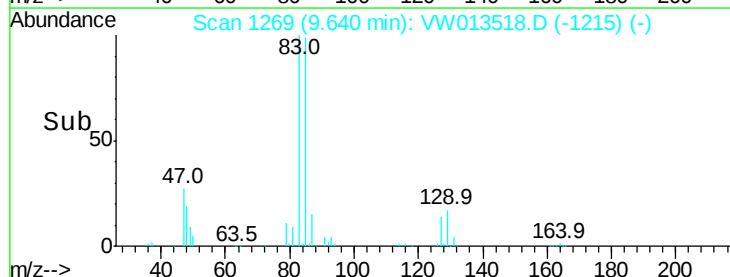
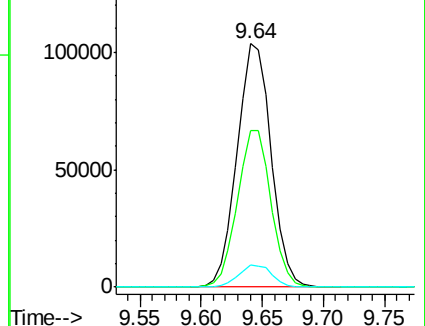
127 8.9 7.0 10.6

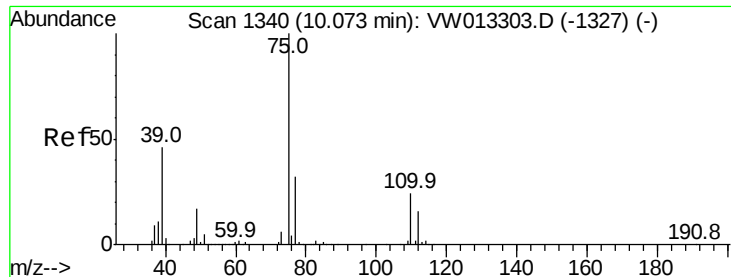


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): V

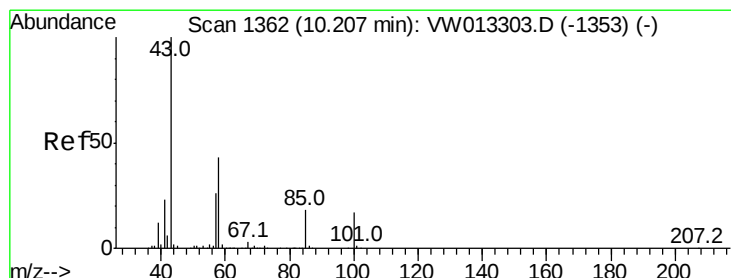
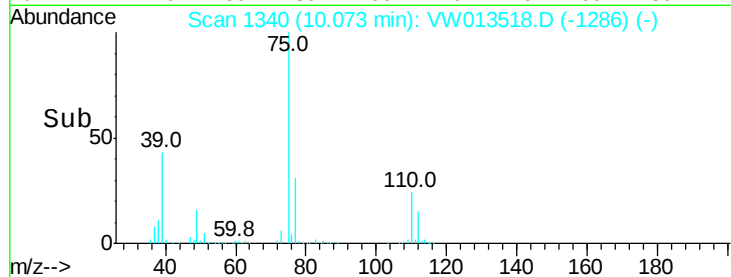
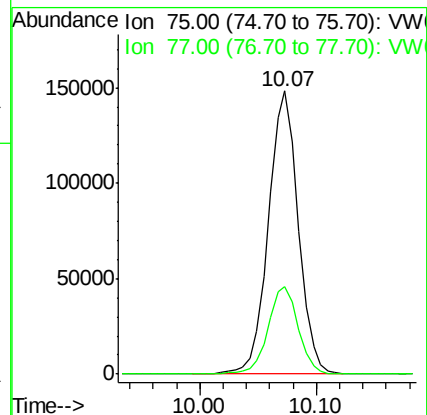
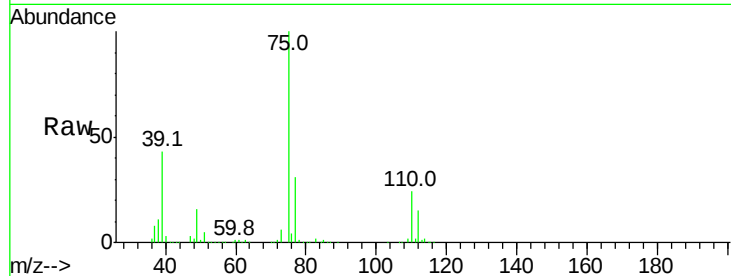




#42

cis-1,3-Dichloropropene
 Concen: 27.833 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW013518.D
 Acq: 10 Oct 2019 12:05

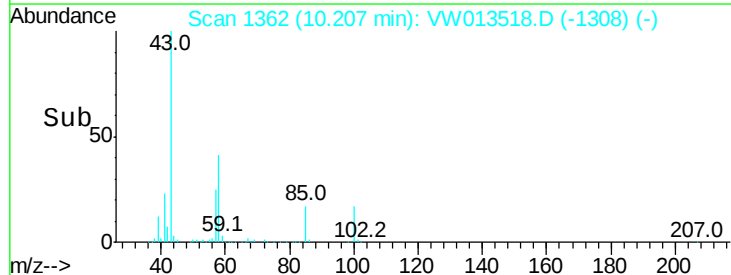
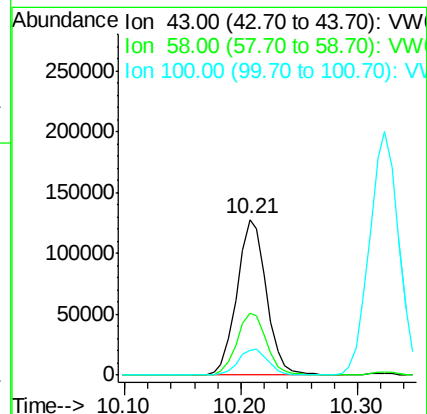
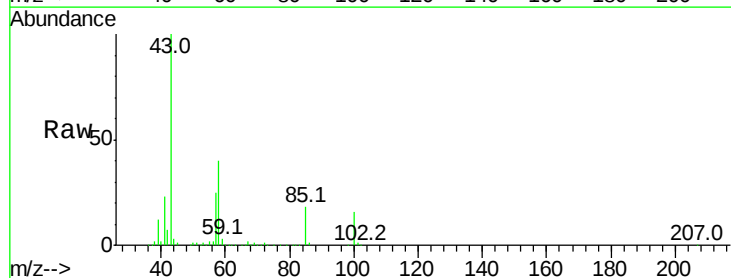
Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	21.3	39.5

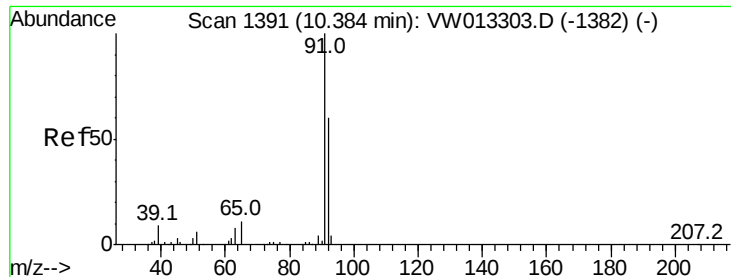


#43

4-Methyl-2-pentanone
 Concen: 49.605 ug/L
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW013518.D
 Acq: 10 Oct 2019 12:05

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.0	32.7	49.1
100	17.1	12.9	19.3





#44

Toluene

Concen: 27.895 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW013518.D

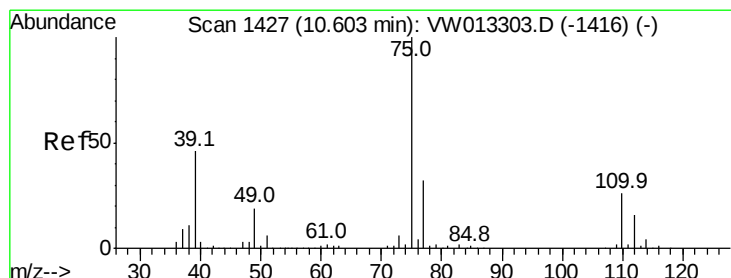
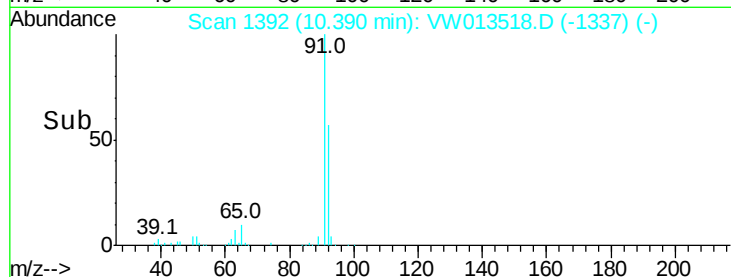
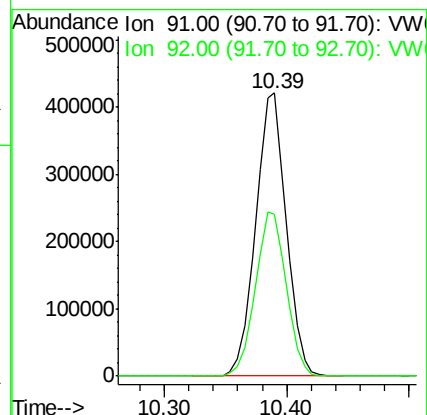
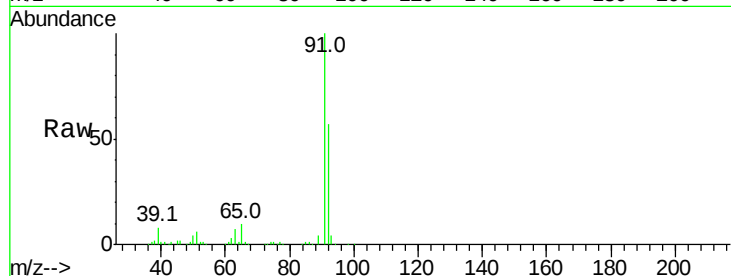
Acq: 10 Oct 2019 12:05

Tgt Ion: 91 Resp: 733289

Ion Ratio Lower Upper

91 100

92 57.2 41.5 77.1



#45

trans-1,3-Dichloropropene

Concen: 27.455 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW013518.D

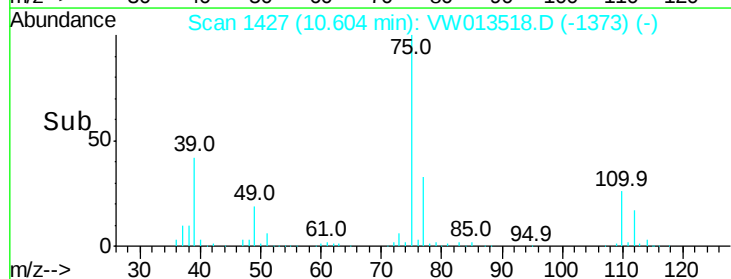
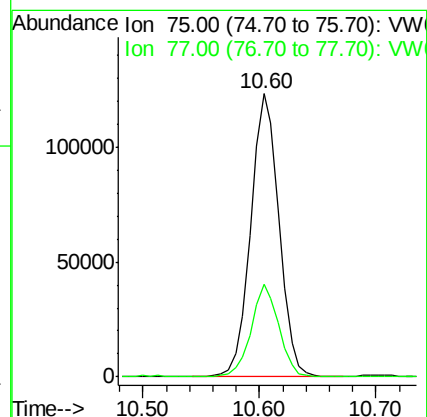
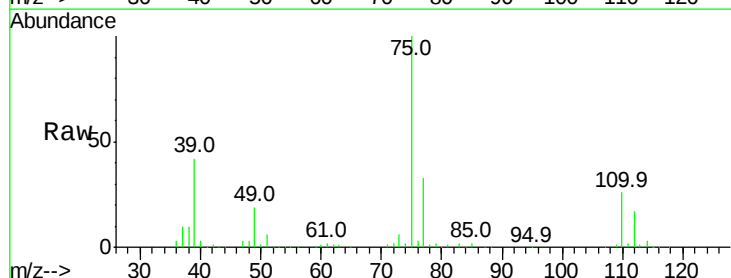
Acq: 10 Oct 2019 12:05

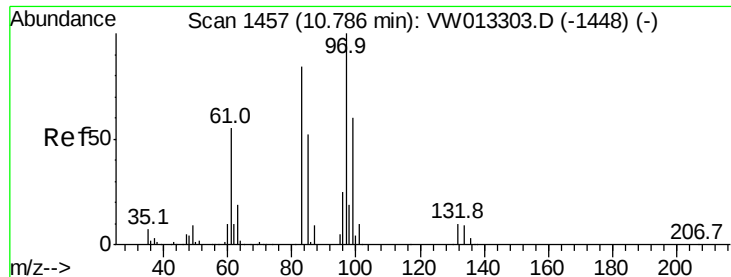
Tgt Ion: 75 Resp: 209398

Ion Ratio Lower Upper

75 100

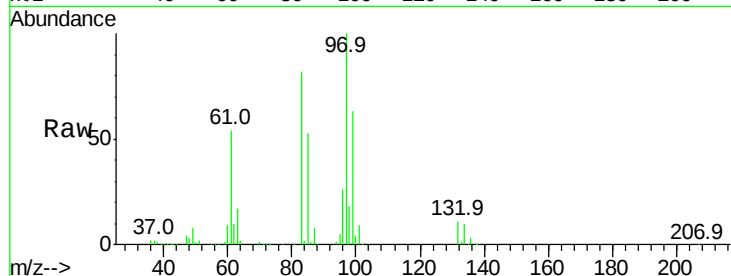
77 32.8 20.5 38.1





#46
1,1,2-Trichloroethane
Concen: 26.689 ug/L
RT: 10.79 min Scan# 1457
Delta R.T. 0.00 min
Lab File: VW013518.D
Acq: 10 Oct 2019 12:05

Tgt Ion:	97	Resp:	124218
Ion	Ratio	Lower	Upper
97	100		
83	82.2	59.4	110.2
85	52.6	38.7	71.9
99	62.8	45.8	85.0

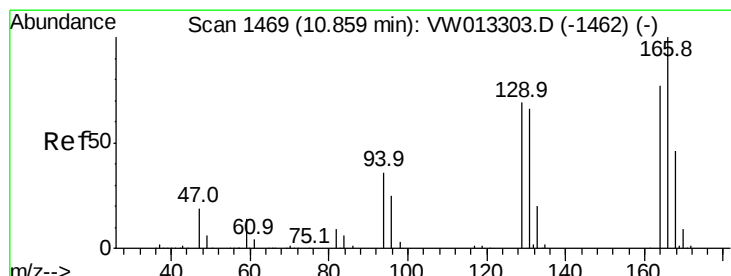
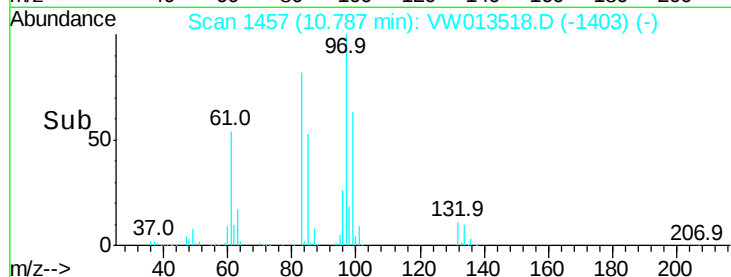
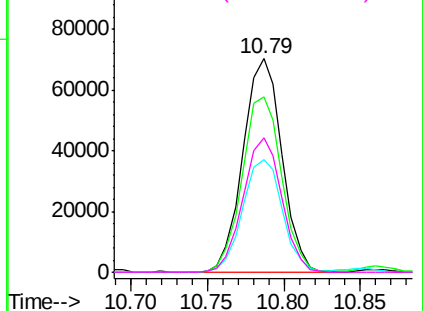


Abundance Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

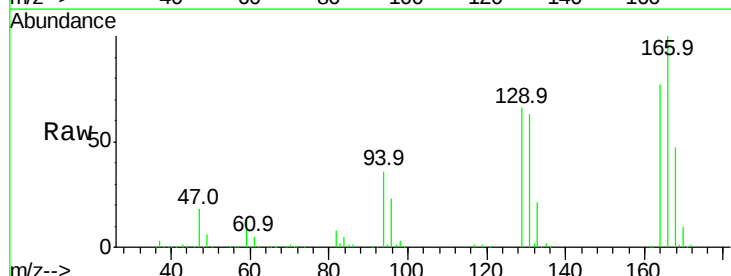
Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



#47
Tetrachloroethene
Concen: 27.794 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013518.D
Acq: 10 Oct 2019 12:05

Tgt Ion:	164	Resp:	158638
Ion	Ratio	Lower	Upper
164	100		
129	86.0	60.5	112.5
131	81.5	60.6	112.6
166	130.3	90.6	168.2

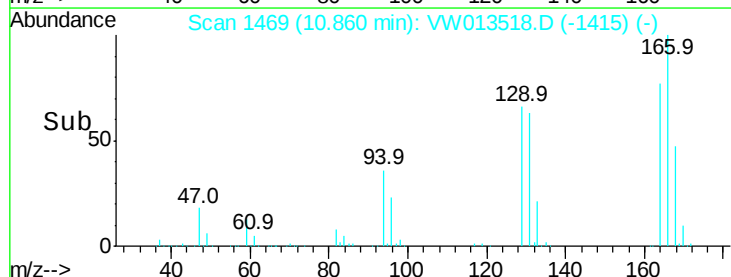
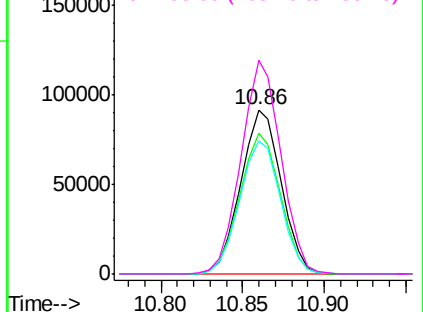


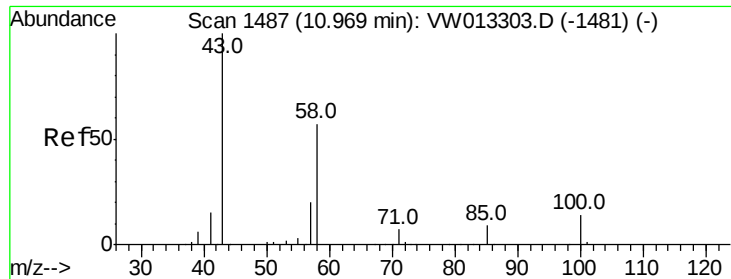
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

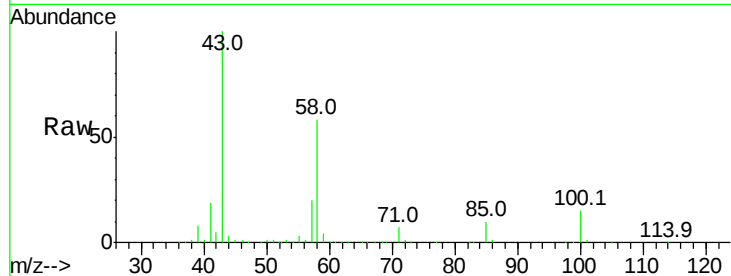
Ion 166.00 (165.70 to 166.70): V



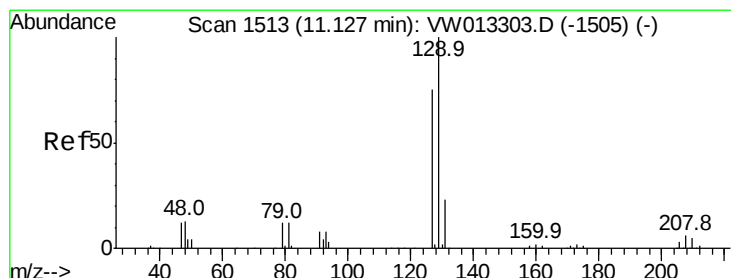
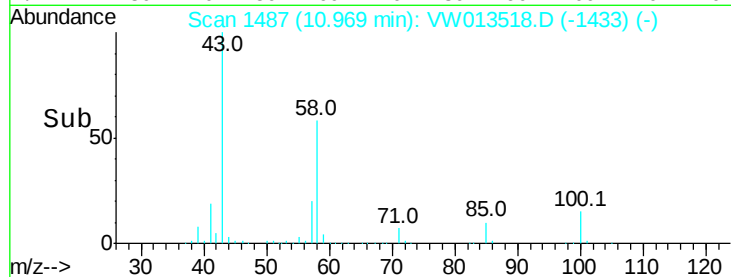
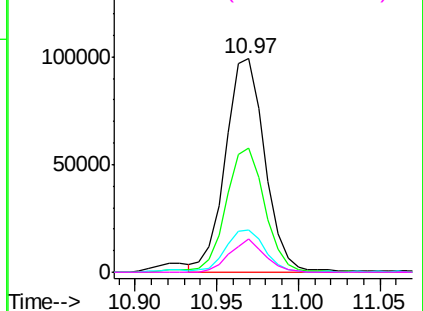


#49
2-Hexanone
Concen: 50.989 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW013518.D
Acq: 10 Oct 2019 12:05

Tgt Ion:	43	Resp:	166675
Ion	Ratio	Lower	Upper
43	100		
58	56.5	44.3	66.5
57	19.8	15.3	22.9
100	13.8	10.6	15.8

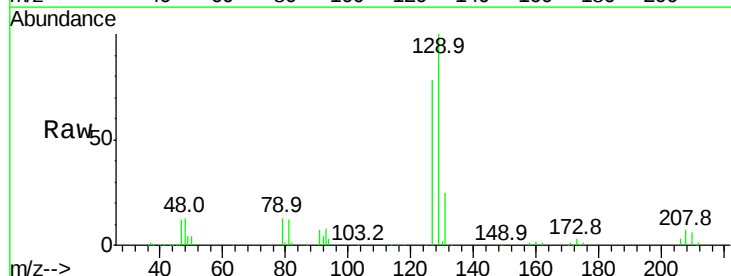


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW
Ion 57.00 (56.70 to 57.70): VW
Ion 100.00 (99.70 to 100.70): VW

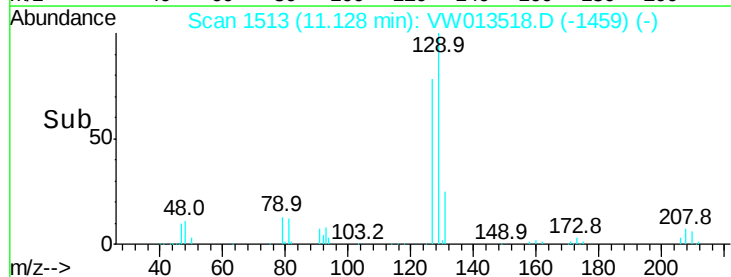
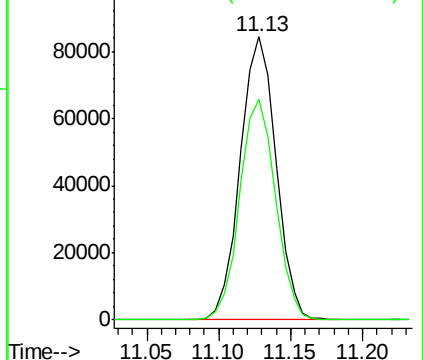


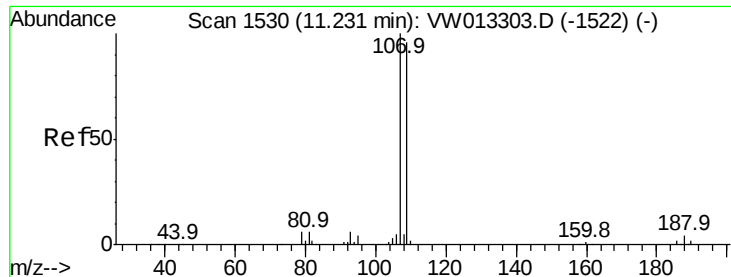
#50
Dibromochloromethane
Concen: 27.335 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013518.D
Acq: 10 Oct 2019 12:05

Tgt Ion:	129	Resp:	145933
Ion	Ratio	Lower	Upper
129	100		
127	78.1	56.1	104.1



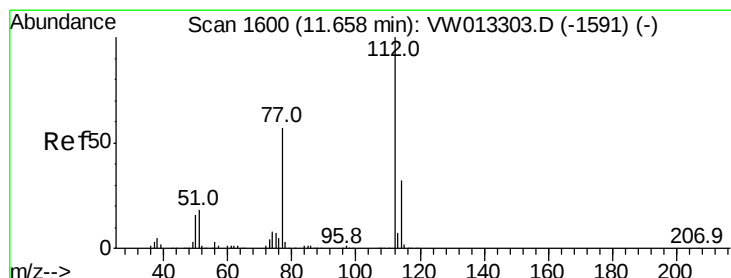
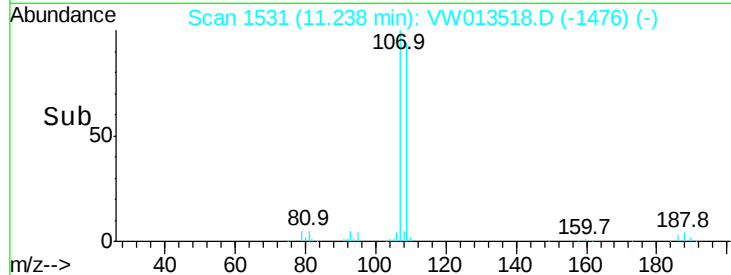
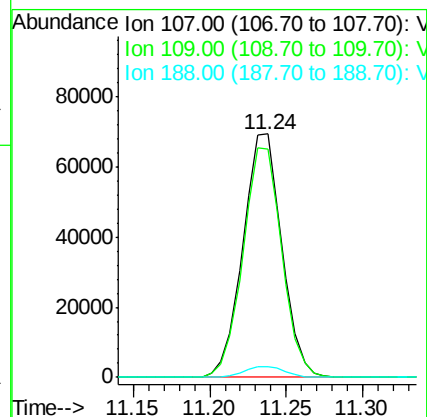
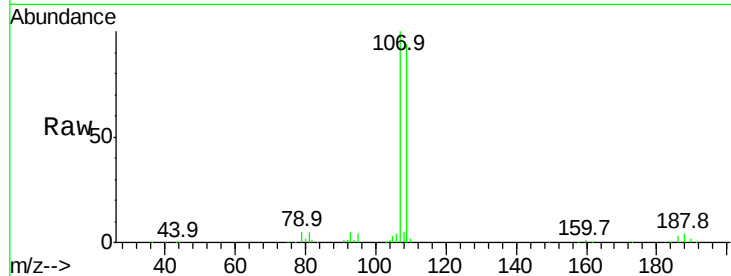
Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V





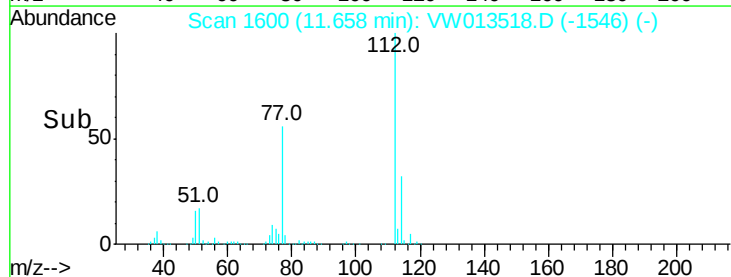
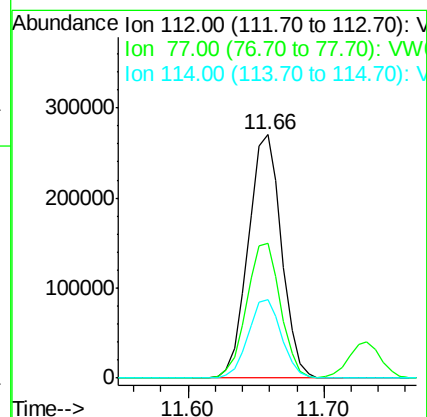
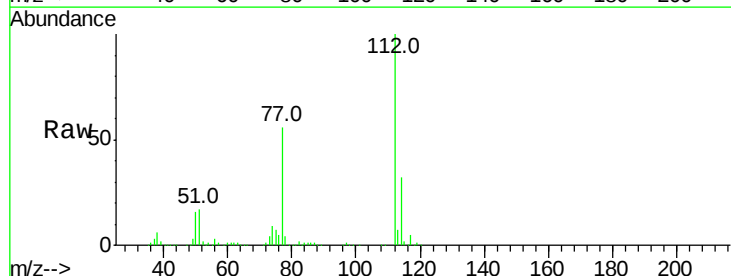
#51
 1,2-Dibromoethane
 Concen: 26.817 ug/L
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW013518.D
 Acq: 10 Oct 2019 12:05

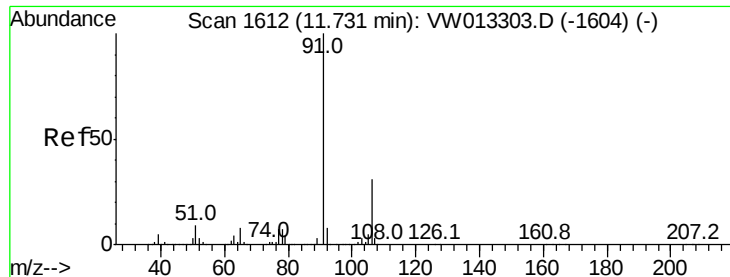
Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.6	65.5	121.6
188	4.5	3.0	4.6



#52
 Chlorobenzene
 Concen: 27.905 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VW013518.D
 Acq: 10 Oct 2019 12:05

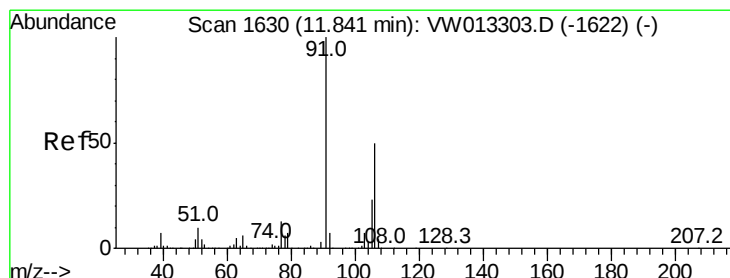
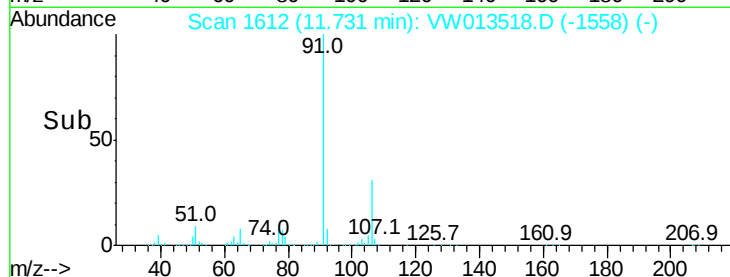
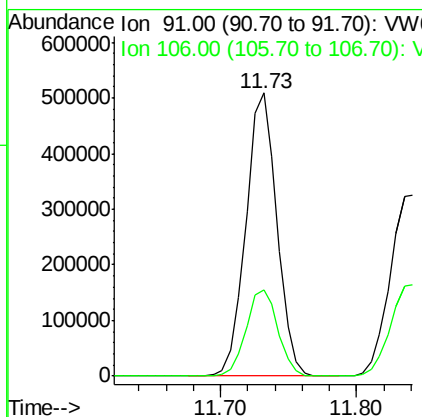
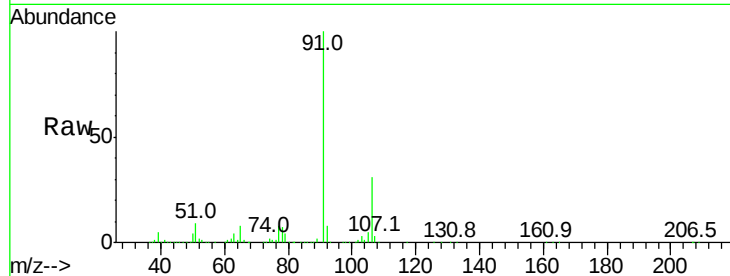
Tgt Ion	Ratio	Lower	Upper
112	100		
77	55.6	46.5	69.7
114	32.5	23.0	42.8





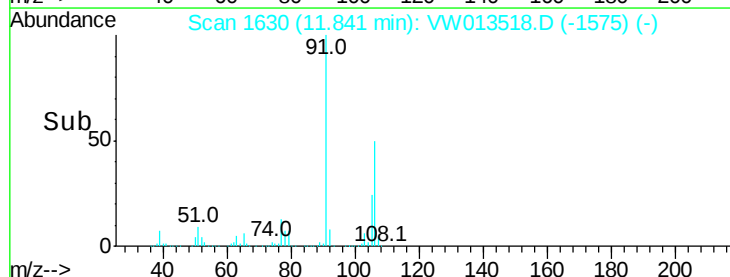
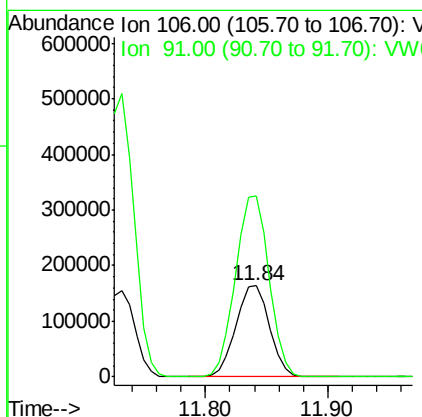
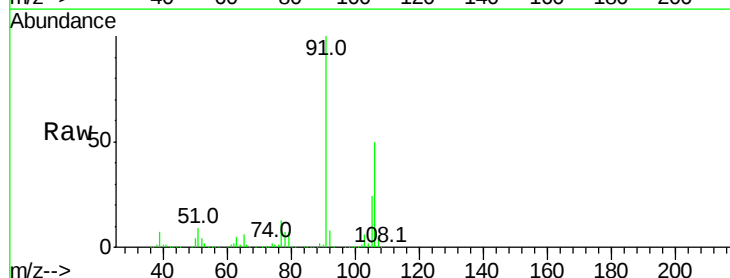
#53
Ethylbenzene
Concen: 27.845 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013518.D
Acq: 10 Oct 2019 12:05

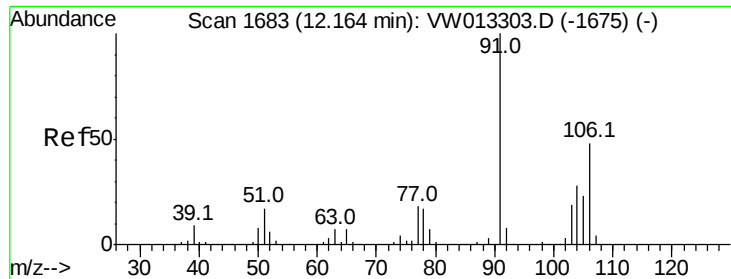
Tgt Ion: 91 Resp: 811374
Ion Ratio Lower Upper
91 100
106 30.7 20.8 38.6



#54
m,p-Xylene
Concen: 27.852 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW013518.D
Acq: 10 Oct 2019 12:05

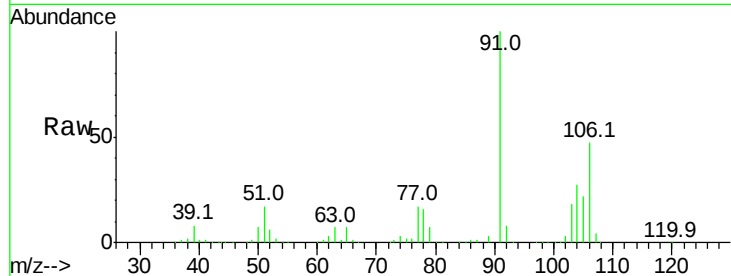
Tgt Ion: 106 Resp: 311620
Ion Ratio Lower Upper
106 100
91 199.1 138.3 256.9



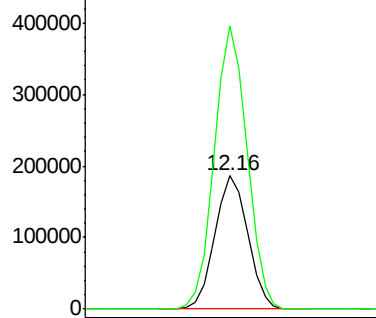


#55
o-xylene
Concen: 27.858 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013518.D
Acq: 10 Oct 2019 12:05

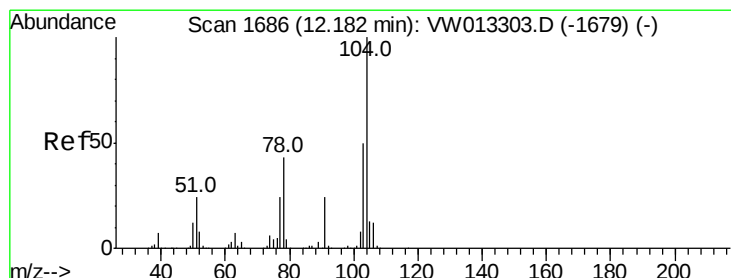
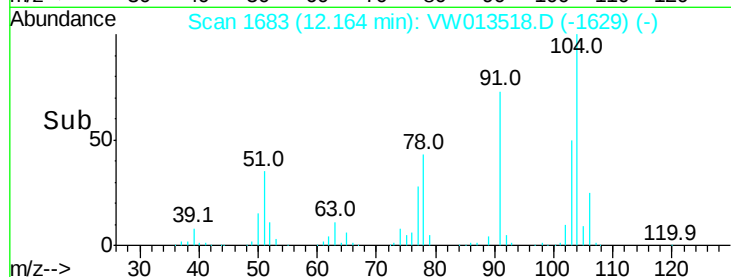
Tgt Ion:106 Resp: 294125
Ion Ratio Lower Upper
106 100
91 212.0 145.9 271.1



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

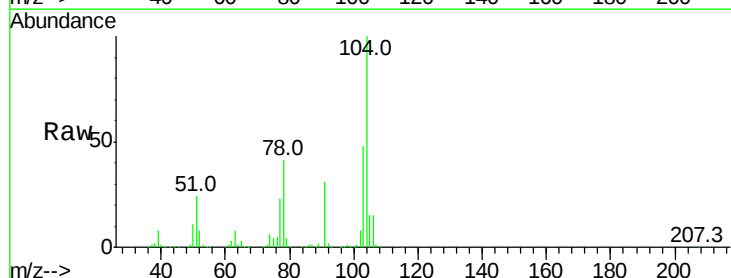


Time-->

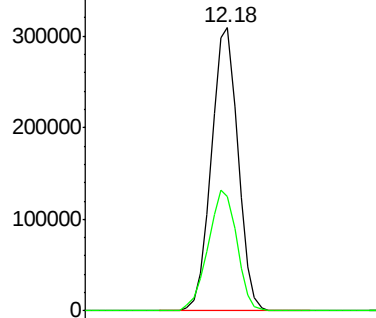


#56
Styrene
Concen: 28.314 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW013518.D
Acq: 10 Oct 2019 12:05

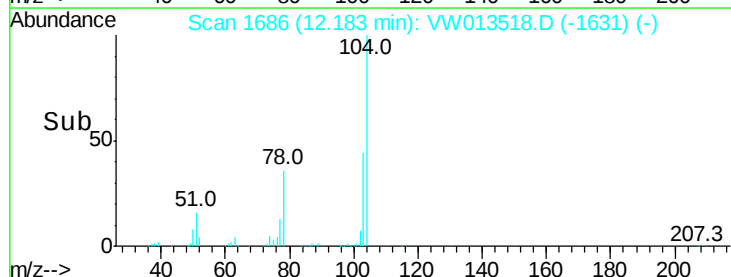
Tgt Ion:104 Resp: 512581
Ion Ratio Lower Upper
104 100
78 40.6 29.8 55.4

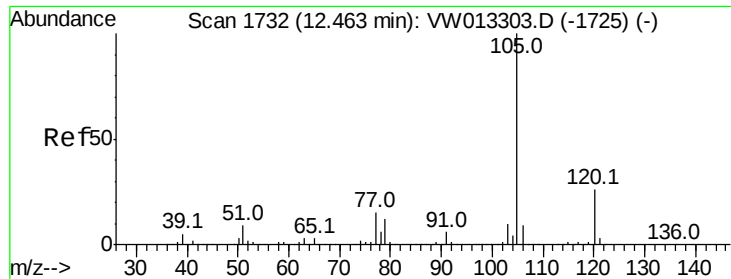


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW



Time-->





#57

Isopropylbenzene

Concen: 28.273 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013518.D

Acq: 10 Oct 2019 12:05

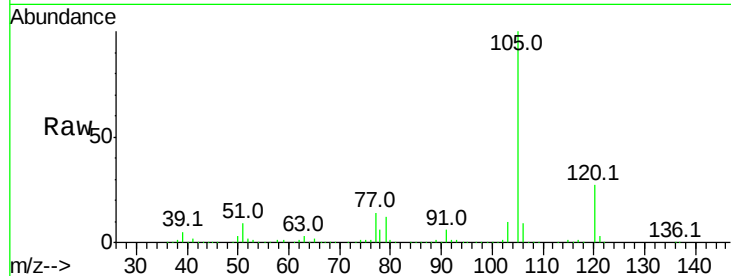
Tgt Ion: 105 Resp: 807178

Ion Ratio Lower Upper

105 100

120 27.1 21.4 32.2

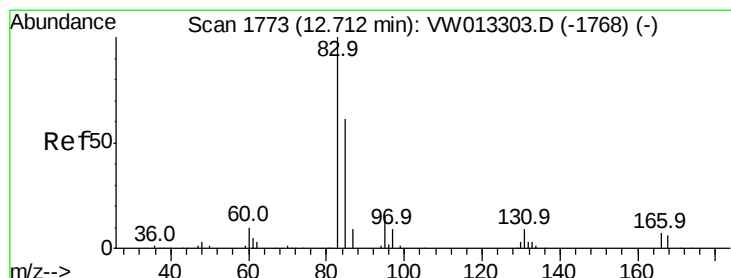
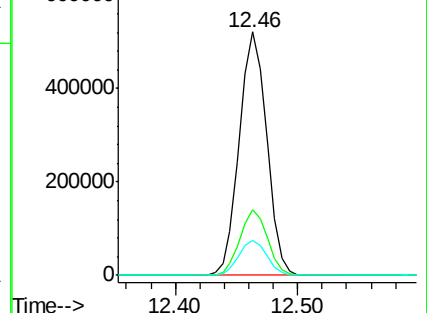
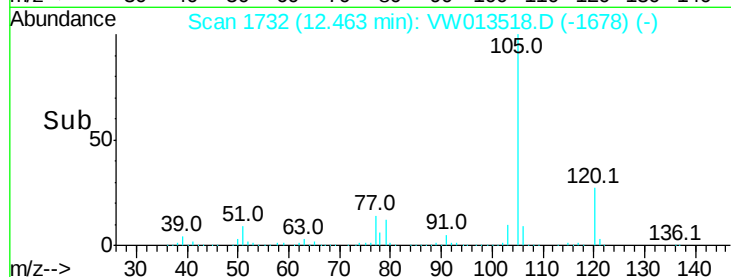
77 14.7 11.8 17.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 25.824 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013518.D

Acq: 10 Oct 2019 12:05

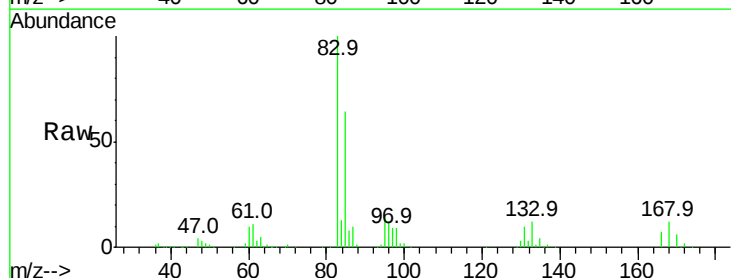
Tgt Ion: 83 Resp: 148071

Ion Ratio Lower Upper

83 100

85 63.9 45.2 84.0

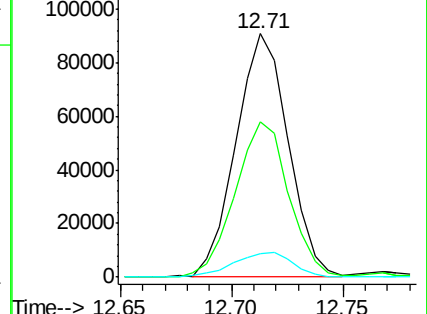
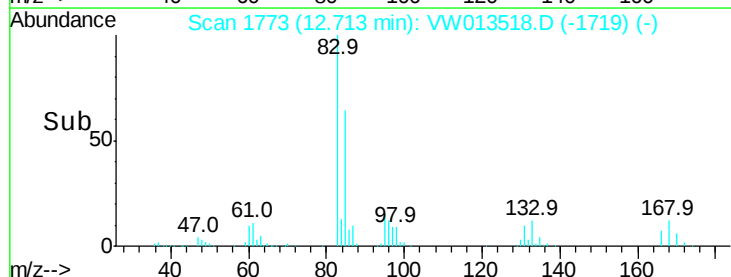
131 9.7 8.9 13.3

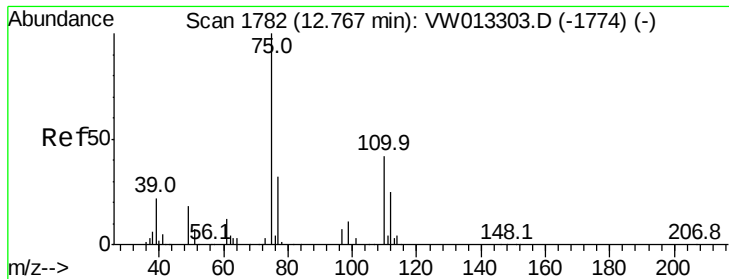


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

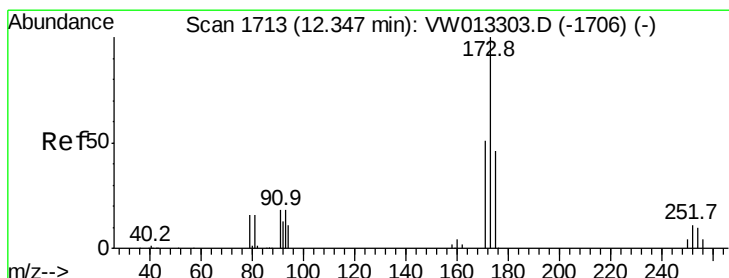
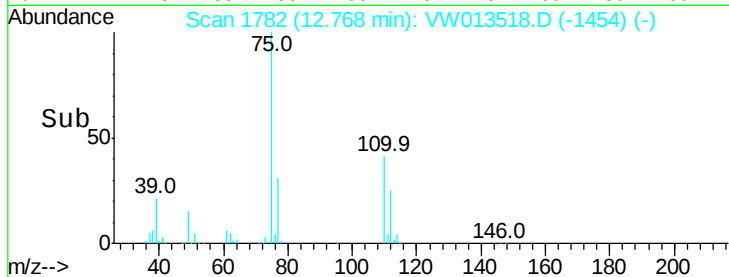
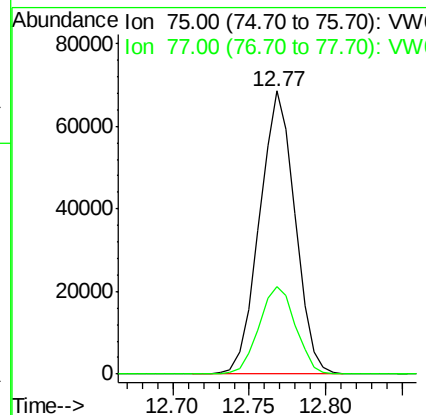
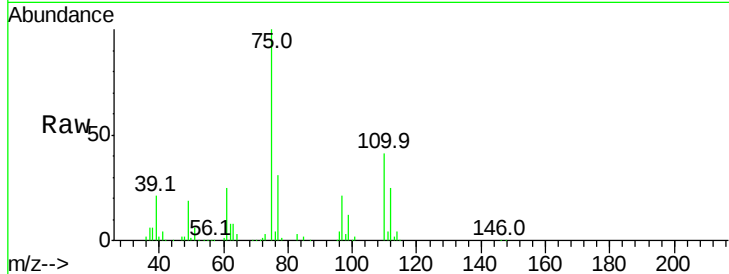
Ion 131.00 (130.70 to 131.70): V





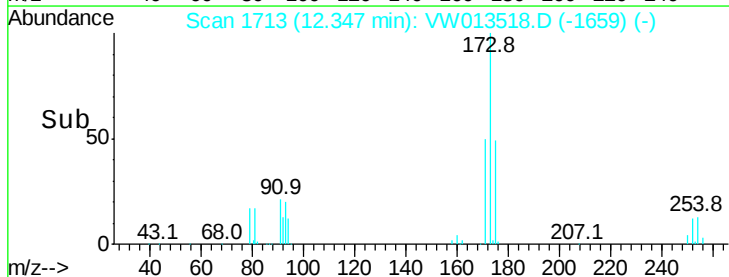
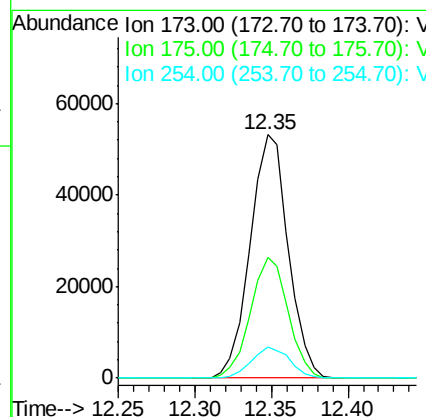
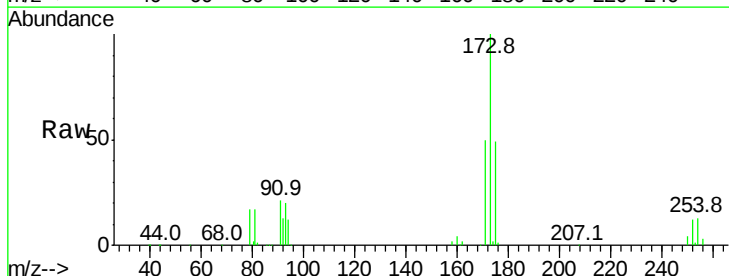
#59
 1,2,3-Trichloropropane
 Concen: 25.958 ug/L
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW013518.D
 Acq: 10 Oct 2019 12:05

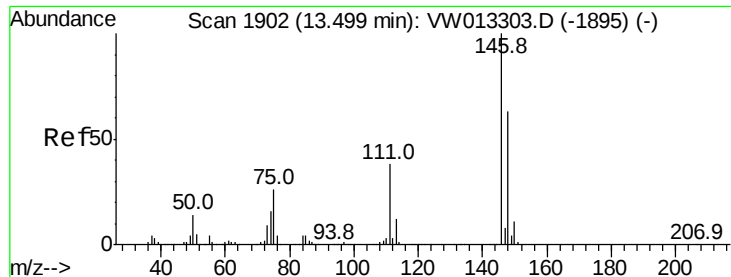
Tgt Ion: 75 Resp: 111067
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.8



#62
 Bromoform
 Concen: 26.338 ug/L
 RT: 12.35 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: VW013518.D
 Acq: 10 Oct 2019 12:05

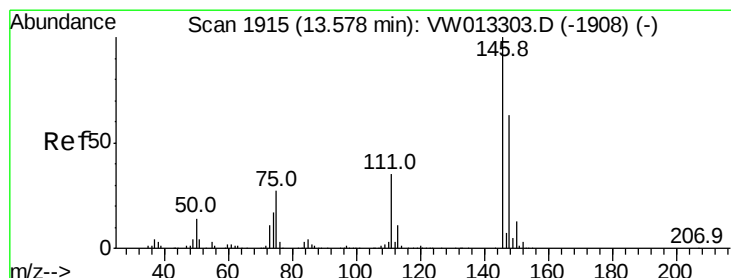
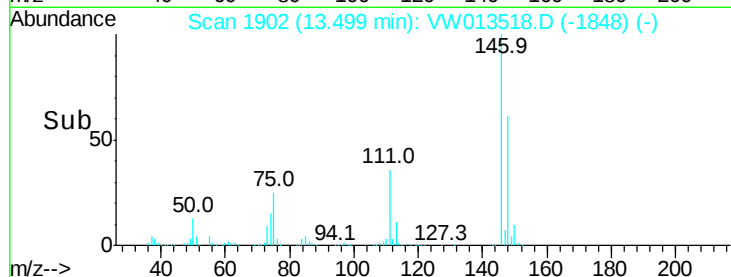
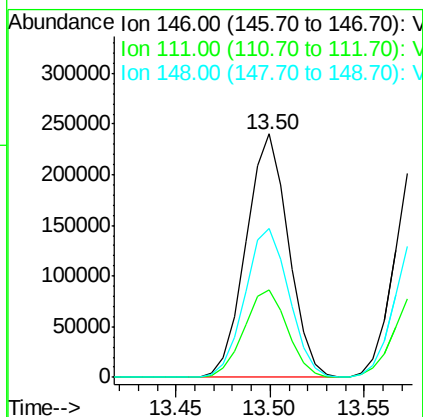
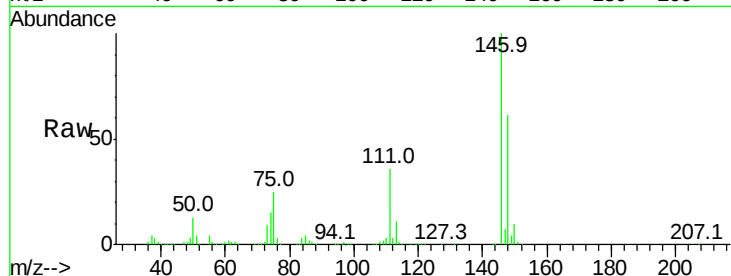
Tgt Ion: 173 Resp: 92171
 Ion Ratio Lower Upper
 173 100
 175 48.8 39.3 58.9
 254 12.6 9.1 13.7





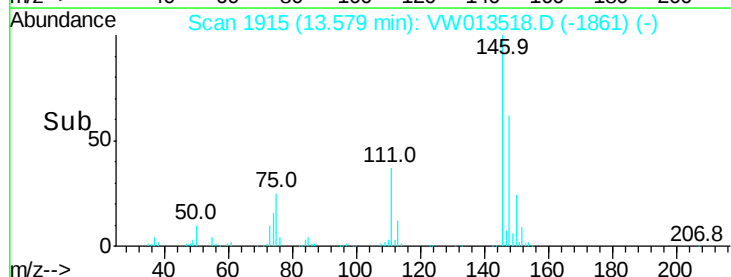
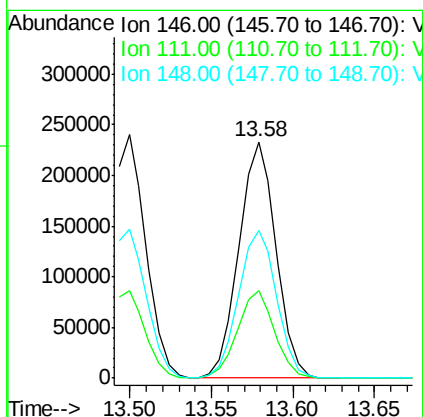
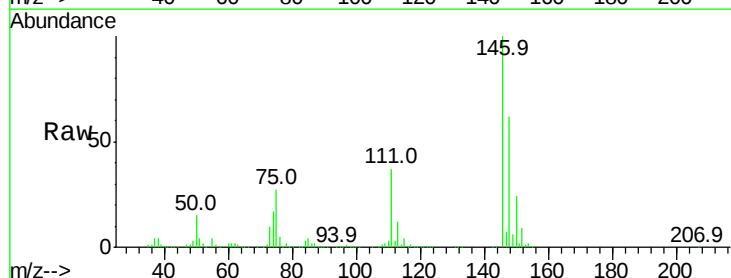
#63
 1,3-Dichlorobenzene
 Concen: 27.564 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013518.D
 Acq: 10 Oct 2019 12:05

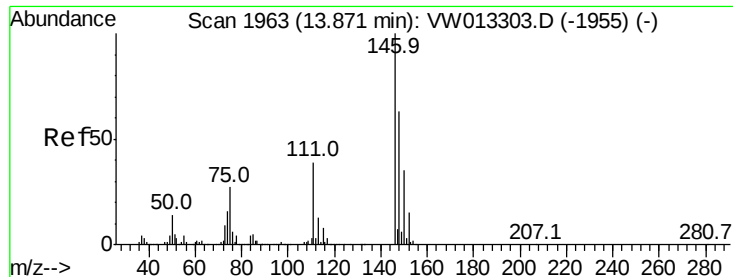
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	26.7	49.5
148	61.1	45.0	83.6



#64
 1,4-Dichlorobenzene
 Concen: 26.844 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW013518.D
 Acq: 10 Oct 2019 12:05

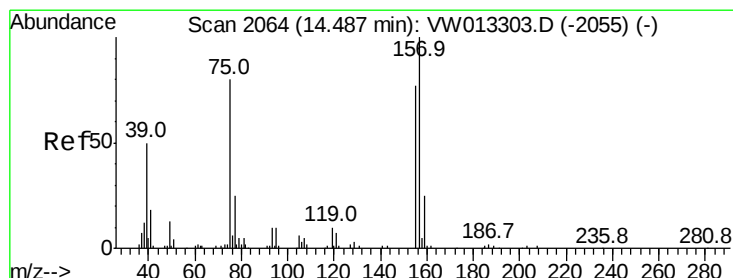
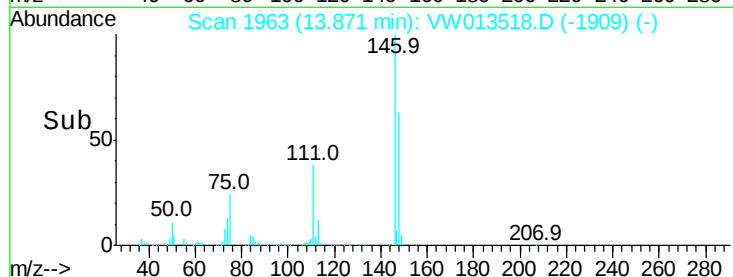
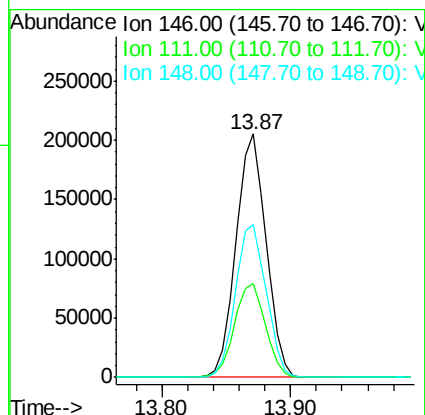
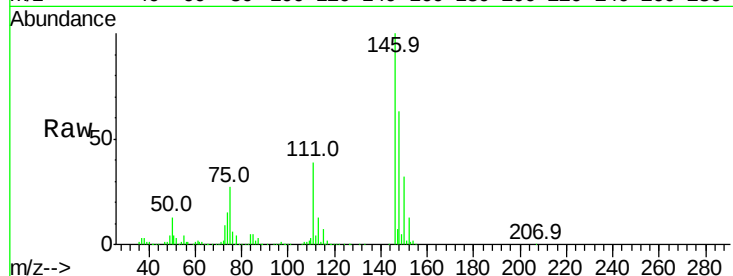
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	24.2	45.0
148	62.4	45.1	83.7





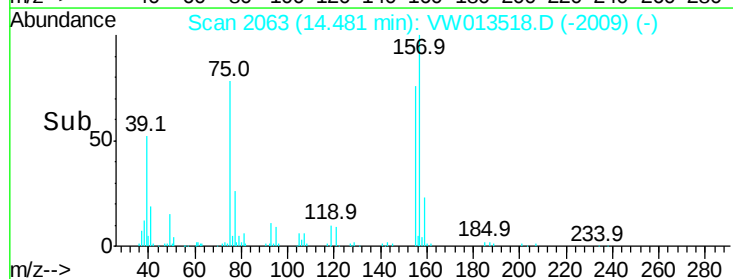
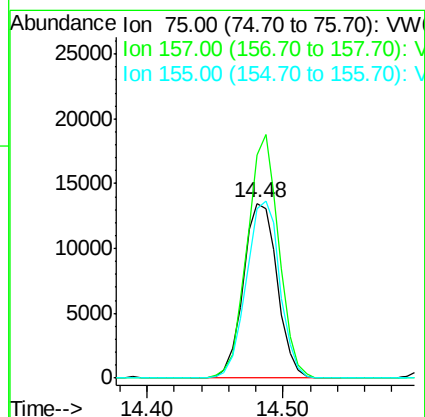
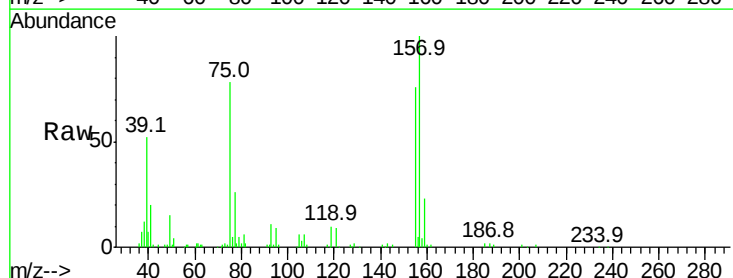
#65
 1,2-Dichlorobenzene
 Concen: 26.922 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW013518.D
 Acq: 10 Oct 2019 12:05

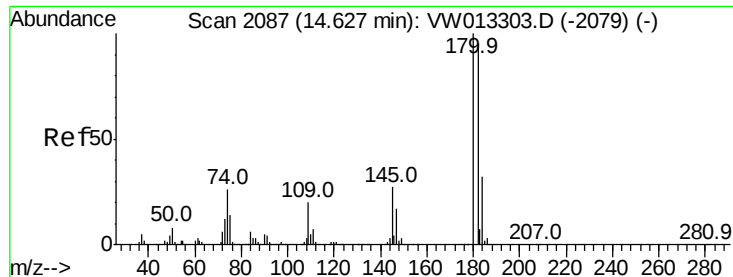
Tgt Ion:	146	Resp:	333427
Ion	Ratio	Lower	Upper
146	100		
111	38.7	30.8	46.2
148	62.9	52.5	78.7



#66
 1,2-Dibromo-3-chloropropane
 Concen: 24.064 ug/L
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW013518.D
 Acq: 10 Oct 2019 12:05

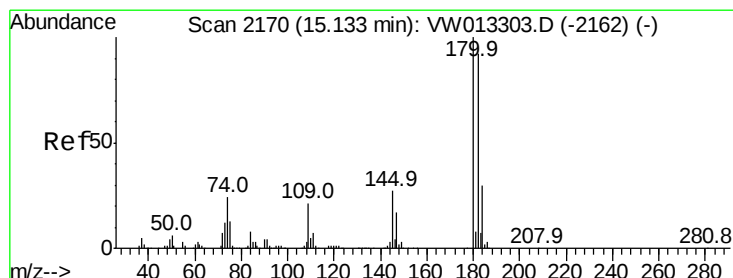
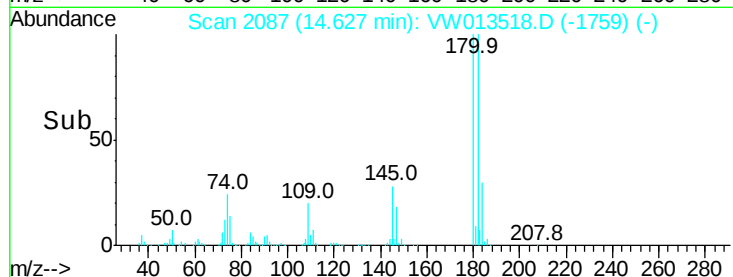
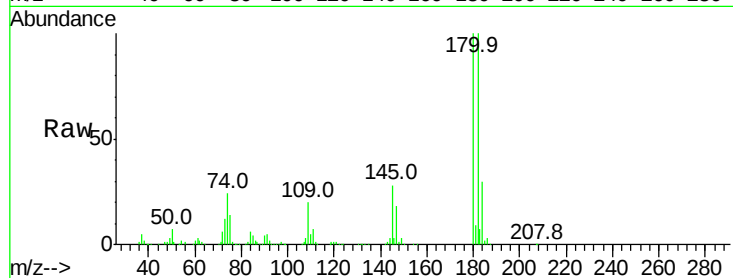
Tgt Ion:	75	Resp:	23471
Ion	Ratio	Lower	Upper
75	100		
157	127.5	97.8	146.8
155	97.0	78.4	117.6





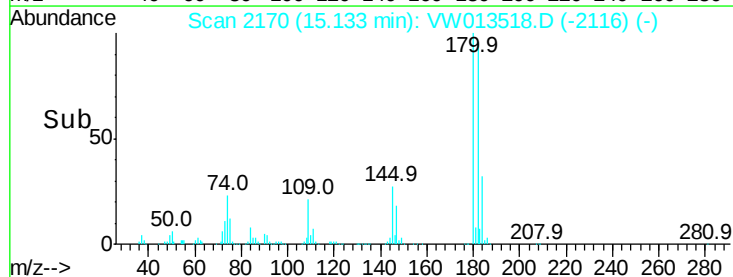
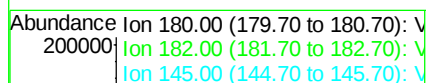
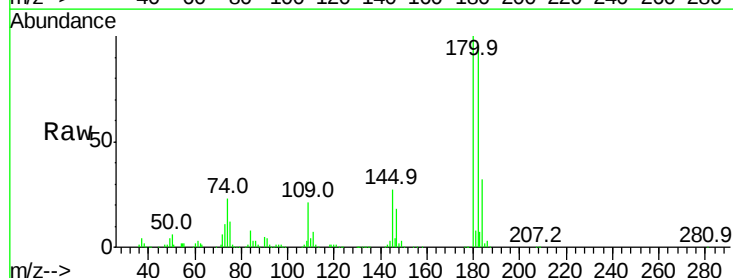
#67
 1,3,5-Trichlorobenzene
 Concen: 26.725 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: VW013518.D
 Acq: 10 Oct 2019 12:05

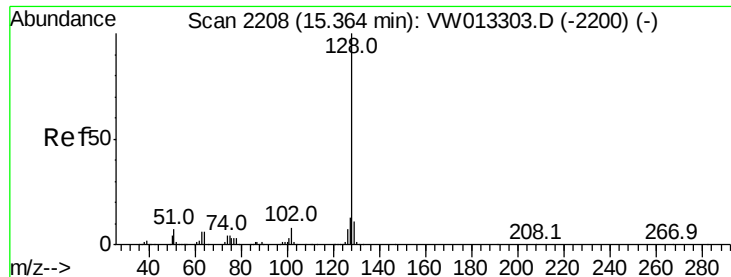
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	280088		
182	96.2	76.4	114.6	
184	30.9	23.9	35.9	
145	27.7	21.7	32.5	



#68
 1,2,4-trichlorobenzene
 Concen: 27.976 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW013518.D
 Acq: 10 Oct 2019 12:05

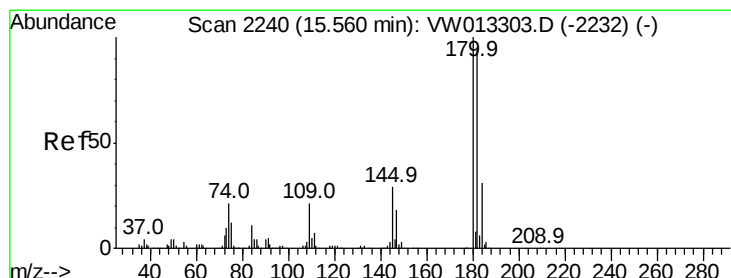
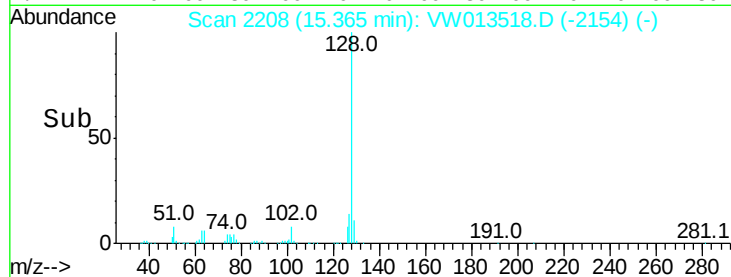
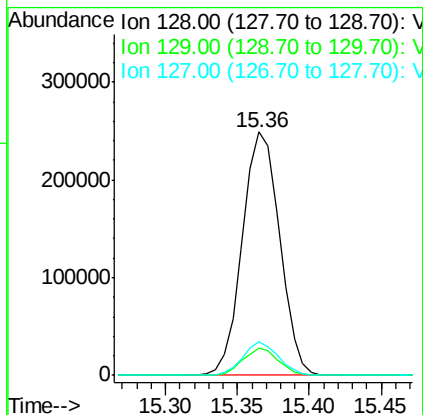
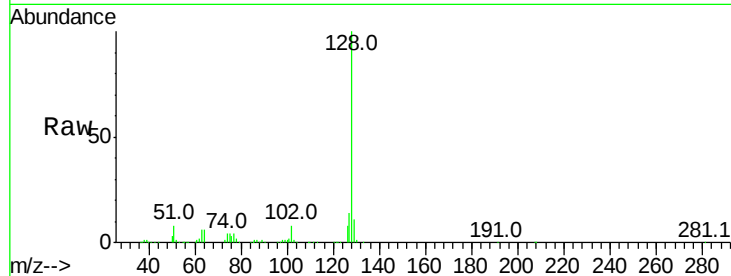
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	234045		
182	97.7	75.9	113.9	
145	28.5	23.0	34.4	





#69
Naphthalene
Concen: 28.039 ug/L
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW013518.D
Acq: 10 Oct 2019 12:05

Tgt Ion:128 Resp: 448137
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 13.0 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 27.803 ug/L
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW013518.D
Acq: 10 Oct 2019 12:05

Tgt Ion:180 Resp: 211547
Ion Ratio Lower Upper
180 100
182 95.0 78.2 117.4
145 28.9 24.1 36.1

