

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
 Data File : VW002795.D
 Acq On : 22 May 2018 19:49
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 05:41:33 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 22 12:32:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	305592	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	290140	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	155937	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	91584	23.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.44%
7) Chloroethane-d5	2.89	69	84443	24.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.36%
10) 1,1-Dichloroethene-d2	4.01	63	163766	23.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.40%
20) 2-Butanone-d5	7.08	46	72453	45.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.64%
24) Chloroform-d	7.65	84	184756	25.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.88%
26) 1,2-Dichloroethane-d4	8.31	65	110887	25.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.28%
29) Benzene-d6	8.27	84	342459	24.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.28%
33) 1,2-Dichloropropane-d6	9.28	67	112329	25.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.76%
37) Toluene-d8	10.33	98	341003	25.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.16%
38) trans-1,3-Dichloropropene-	10.59	79	53752	25.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.80%
39) 2-Hexanone-d5	10.93	63	62051	49.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.08%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	121810	24.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.68%
61) 1,2-Dichlorobenzene-d4	13.87	152	141695	24.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.88%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	50002	27.42	ug/L	97
3) Chloromethane	2.21	50	78922	25.02	ug/L	98
5) Vinyl chloride	2.36	62	130007	24.24	ug/L	97
6) Bromomethane	2.77	94	89656	24.41	ug/L	100
8) Chloroethane	2.92	64	81587	23.90	ug/L	97
9) Trichlorofluoromethane	3.25	101	48047	20.70	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	90973	24.48	ug/L #	71
12) 1,1-Dichloroethene	4.03	96	86666	23.65	ug/L	92
13) Acetone	4.12	43	52102	36.84	ug/L	99
14) Carbon disulfide	4.37	76	267940	23.73	ug/L	98
15) Methyl Acetate	4.67	43	55484	21.55	ug/L	100
16) Methylene chloride	4.90	84	93058	23.56	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	162204	24.00	ug/L #	90
18) trans-1,2-Dichloroethene	5.41	96	90608	23.62	ug/L	95
19) 1,1-Dichloroethane	6.21	63	161872	24.06	ug/L	99
21) 2-Butanone	7.18	43	76110	40.66	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	99994	23.81	ug/L	94

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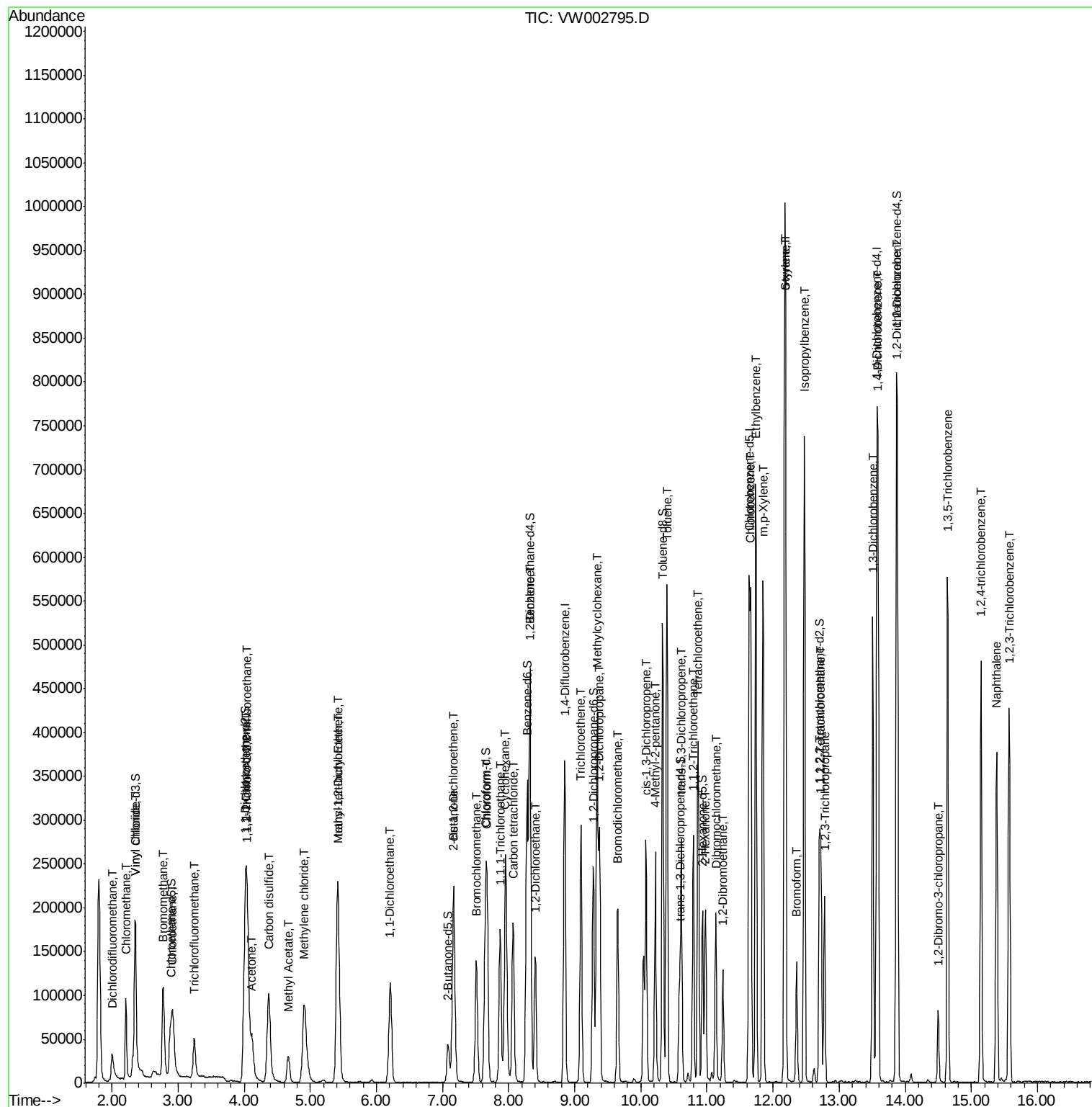
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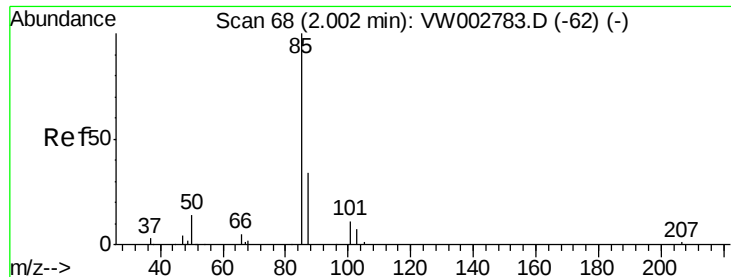
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	49003	23.95	ug/L	97
25) Chloroform	7.68	83	174008	23.92	ug/L	100
27) 1,2-Dichloroethane	8.40	62	128102	24.17	ug/L	96
30) Cyclohexane	7.95	56	145366	23.68	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	130674	23.28	ug/L	98
32) Carbon tetrachloride	8.07	117	133384	23.72	ug/L	99
34) Benzene	8.32	78	376958	23.95	ug/L	100
35) Trichloroethene	9.10	95	99380	23.10	ug/L	99
36) Methylcyclohexane	9.34	83	170357	23.97	ug/L	100
40) 1,2-Dichloropropane	9.37	63	99646	24.42	ug/L	100
41) Bromodichloromethane	9.65	83	129393	24.32	ug/L	100
42) cis-1,3-Dichloropropene	10.08	75	151640	24.15	ug/L	100
43) 4-Methyl-2-pentanone	10.22	43	167122	45.49	ug/L	99
44) Toluene	10.40	91	412643	24.04	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	138254	24.16	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	80376	23.78	ug/L	96
47) Tetrachloroethene	10.87	164	86608	23.27	ug/L	97
49) 2-Hexanone	10.98	43	122810	45.29	ug/L	97
50) Dibromochloromethane	11.13	129	98070	24.03	ug/L	97
51) 1,2-Dibromoethane	11.24	107	82046	23.89	ug/L	100
52) Chlorobenzene	11.66	112	271642	23.88	ug/L	98
53) Ethylbenzene	11.74	91	461489	23.93	ug/L	98
54) m,p-Xylene	11.85	106	176291	24.01	ug/L	98
55) o-xylene	12.18	106	169966	24.36	ug/L	98
56) Styrene	12.19	104	302723	24.77	ug/L	98
57) Isopropylbenzene	12.48	105	457816	24.04	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.73	83	112206	23.56	ug/L	99
59) 1,2,3-Trichloropropane	12.78	75	82800	23.11	ug/L	98
62) Bromoform	12.36	173	64579	23.61	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	220066	23.68	ug/L	99
64) 1,4-Dichlorobenzene	13.59	146	230942	23.70	ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	220143	24.38	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.50	75	19837	22.34	ug/L	98
67) 1,3,5-Trichlorobenzene	14.64	180	178965	23.92	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	151886	24.15	ug/L	99
69) Naphthalene	15.38	128	313515	24.63	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	147092	24.90	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 27.42 ug/L

RT: 2.00 min Scan# 68

Delta R.T. -0.01 min

Lab File: VW002795.D

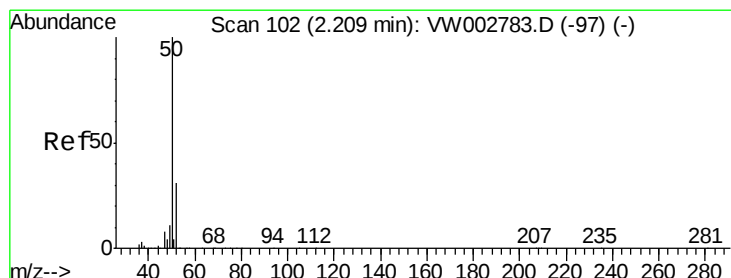
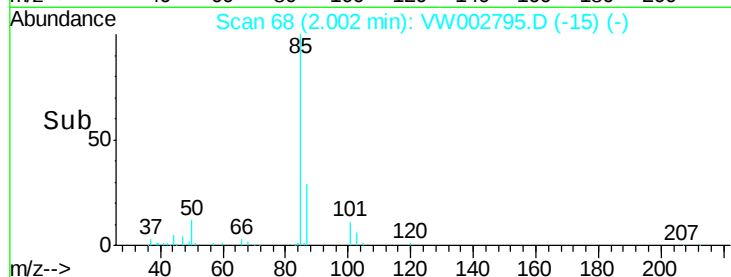
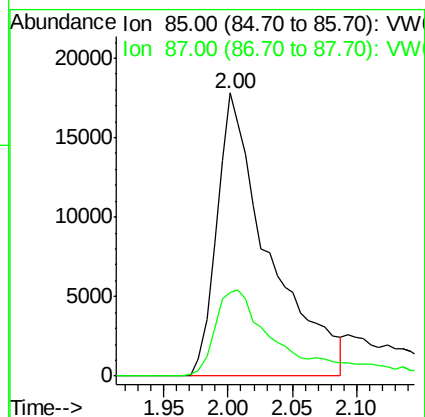
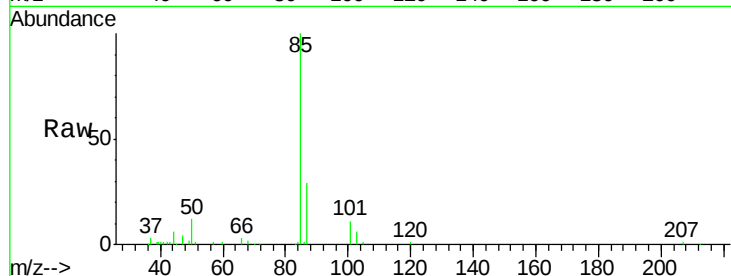
Acq: 22 May 2018 19:49

Tgt Ion: 85 Resp: 50002

Ion Ratio Lower Upper

85 100

87 30.5 20.3 37.7



#3

Chloromethane

Concen: 25.02 ug/L

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW002795.D

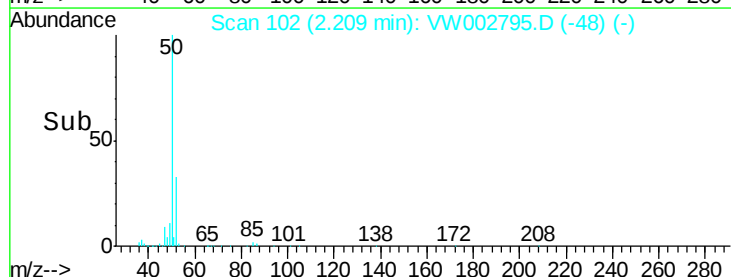
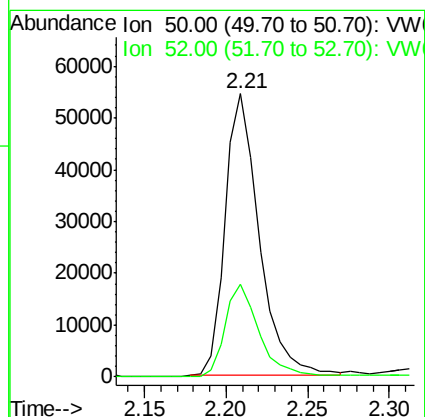
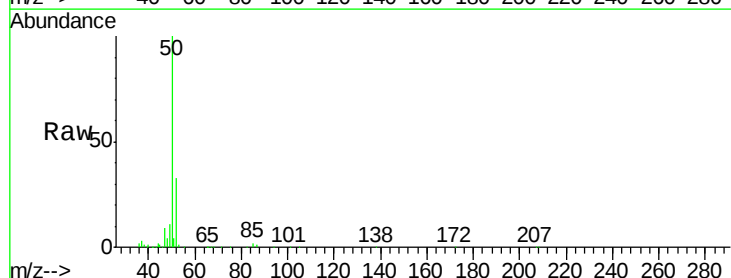
Acq: 22 May 2018 19:49

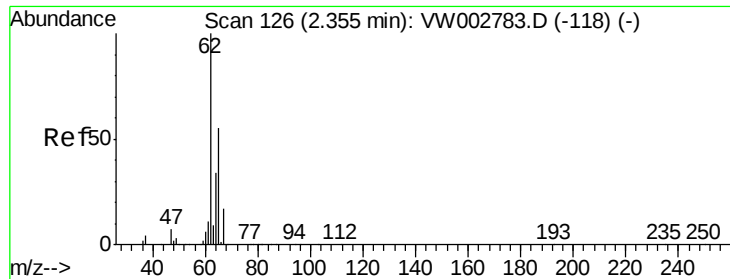
Tgt Ion: 50 Resp: 78922

Ion Ratio Lower Upper

50 100

52 33.0 22.5 41.7





#5

Vinyl chloride

Concen: 24.24 ug/L

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW002795.D

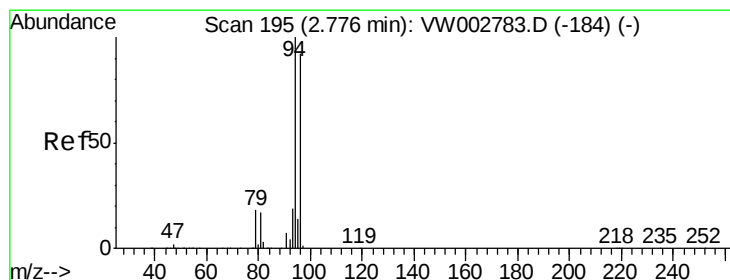
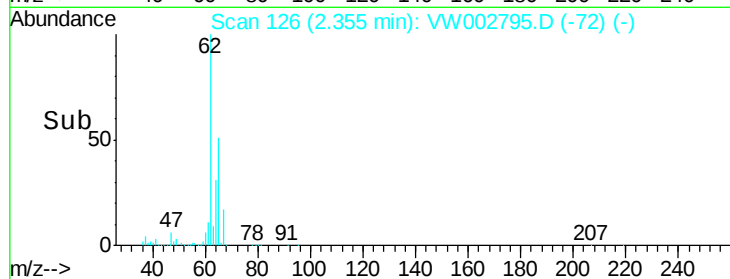
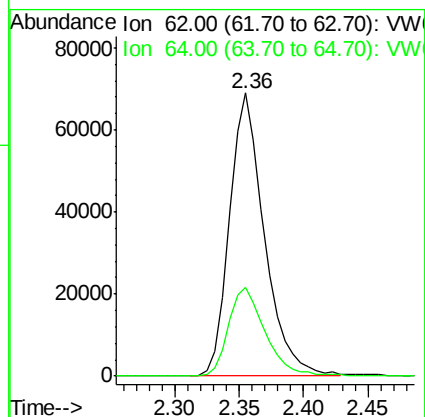
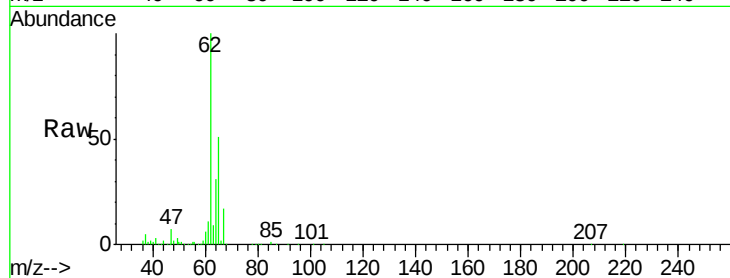
Acq: 22 May 2018 19:49

Tgt Ion: 62 Resp: 130007

Ion Ratio Lower Upper

62 100

64 31.3 23.2 43.2



#6

Bromomethane

Concen: 24.41 ug/L

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW002795.D

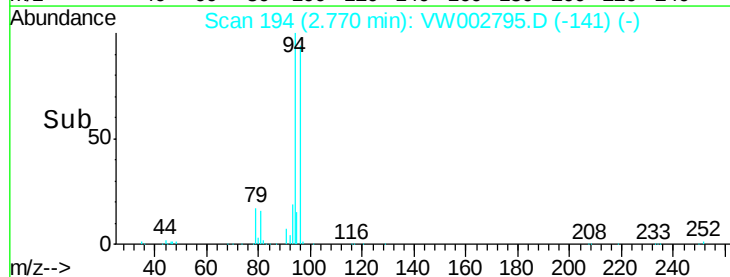
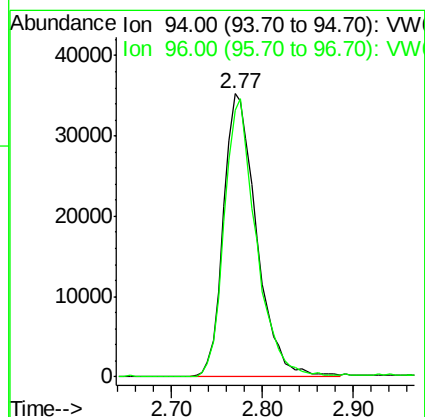
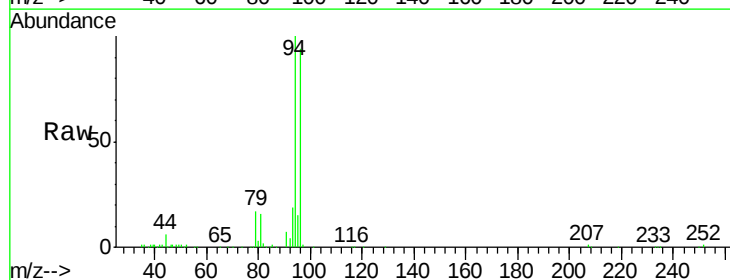
Acq: 22 May 2018 19:49

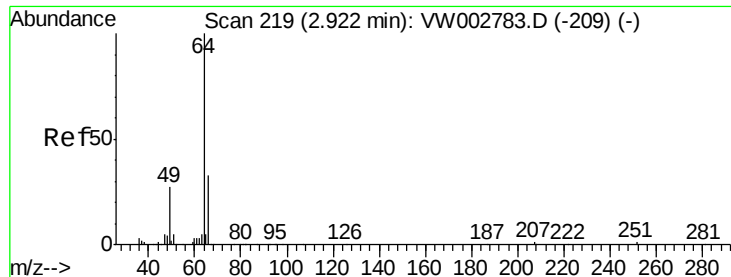
Tgt Ion: 94 Resp: 89656

Ion Ratio Lower Upper

94 100

96 93.7 9.4 178.6





#8

Chloroethane

Concen: 23.90 ug/L

RT: 2.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VW002795.D

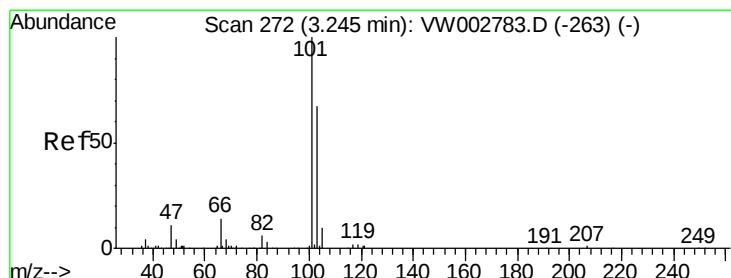
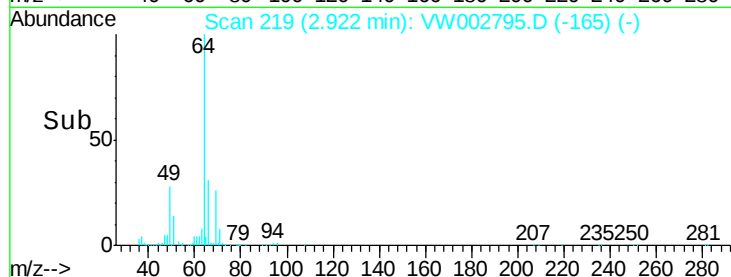
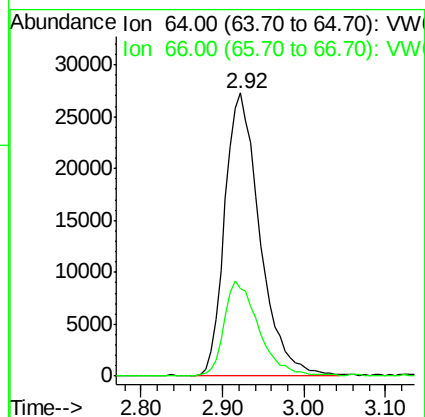
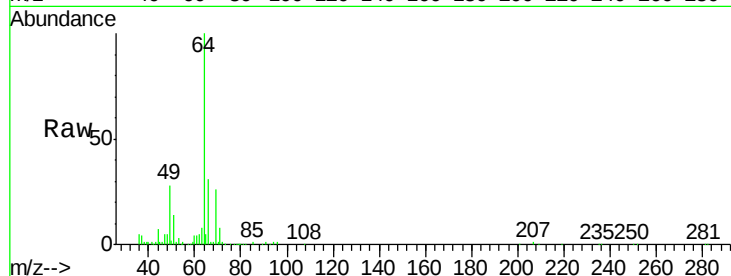
Acq: 22 May 2018 19:49

Tgt Ion: 64 Resp: 81587

Ion Ratio Lower Upper

64 100

66 30.8 22.7 42.1



#9

Trichlorofluoromethane

Concen: 20.70 ug/L

RT: 3.25 min Scan# 272

Delta R.T. -0.00 min

Lab File: VW002795.D

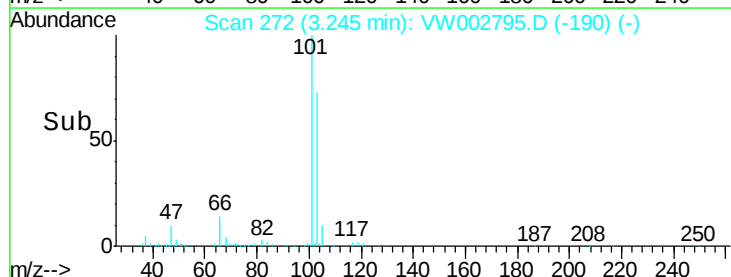
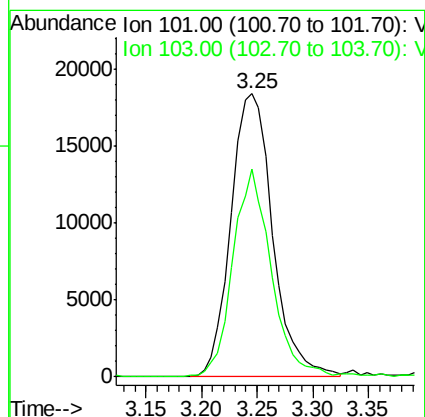
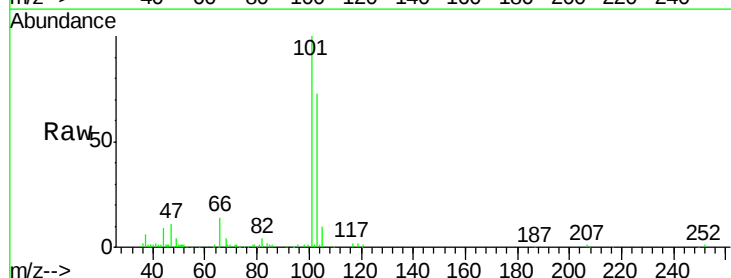
Acq: 22 May 2018 19:49

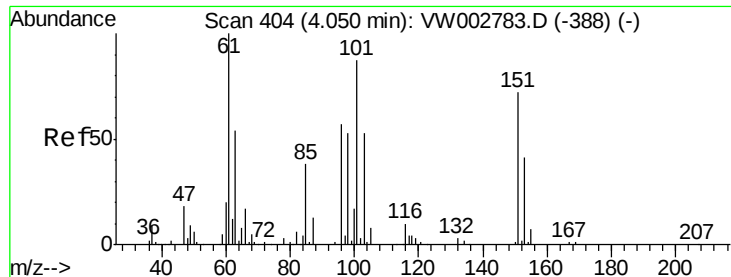
Tgt Ion: 101 Resp: 48047

Ion Ratio Lower Upper

101 100

103 67.0 45.4 84.4





#11

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

Concen: 24.48 ug/L

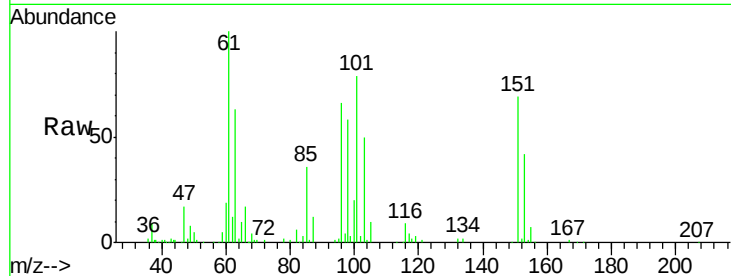
RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW002795.D

Acq: 22 May 2018 19:49

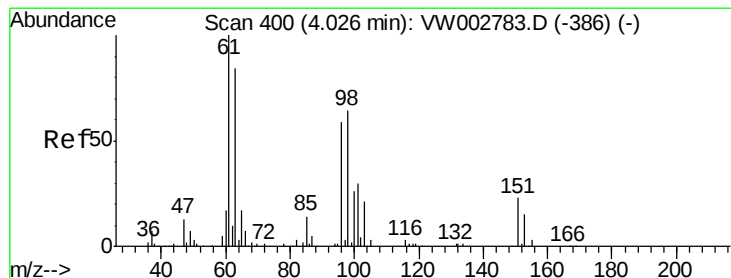
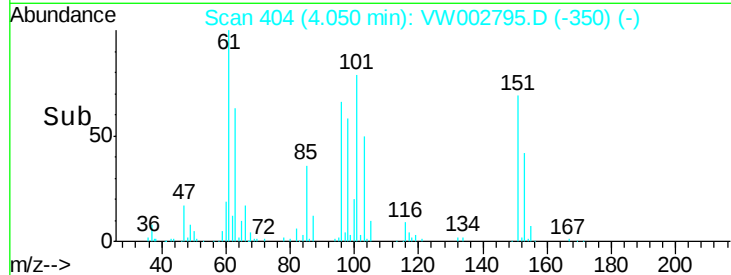
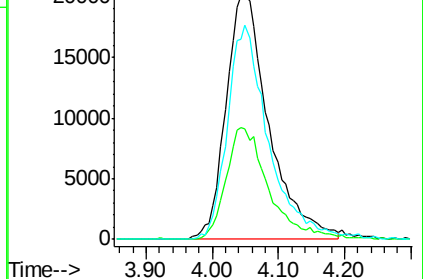
Tgt Ion:	101	Resp:	90973
Ion	Ratio	Lower	Upper
101	100		
85	43.2	34.8	52.2
151	80.1	34.2	51.4#



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: 23.65 ug/L

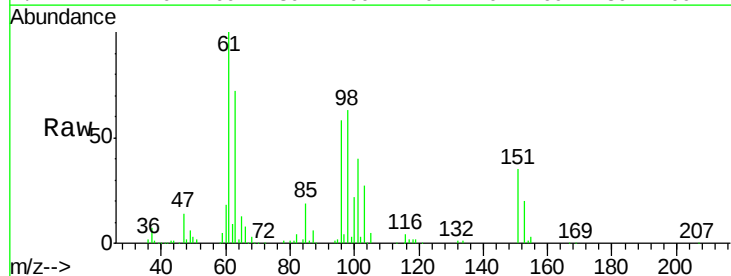
RT: 4.03 min Scan# 401

Delta R.T. 0.01 min

Lab File: VW002795.D

Acq: 22 May 2018 19:49

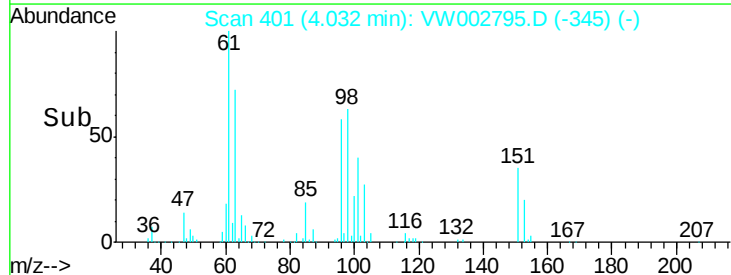
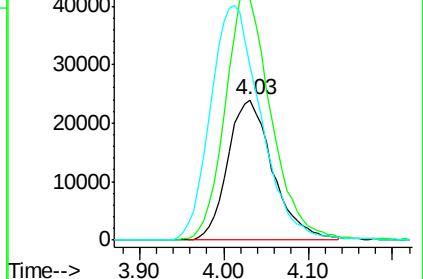
Tgt Ion:	96	Resp:	86666
Ion	Ratio	Lower	Upper
96	100		
61	171.4	118.9	220.9
63	124.0	100.4	186.4

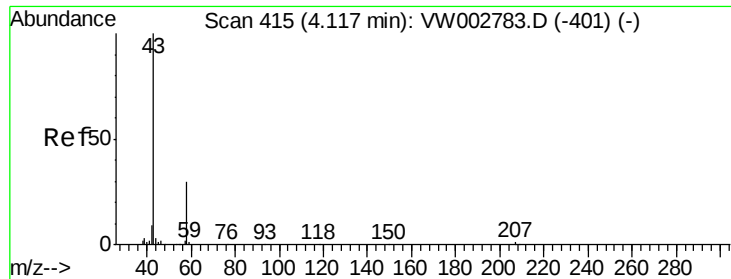


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 36.84 ug/L

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW002795.D

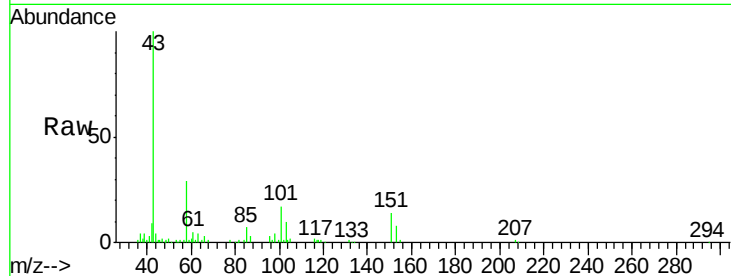
Acq: 22 May 2018 19:49

Tgt Ion: 43 Resp: 52102

Ion Ratio Lower Upper

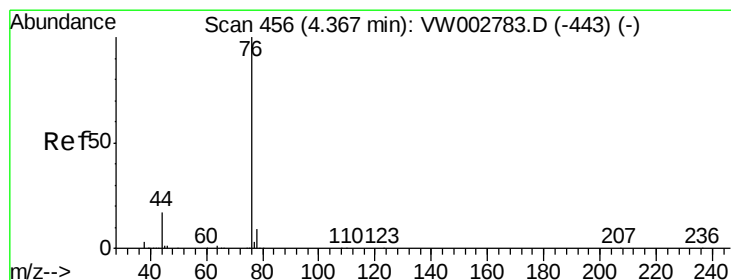
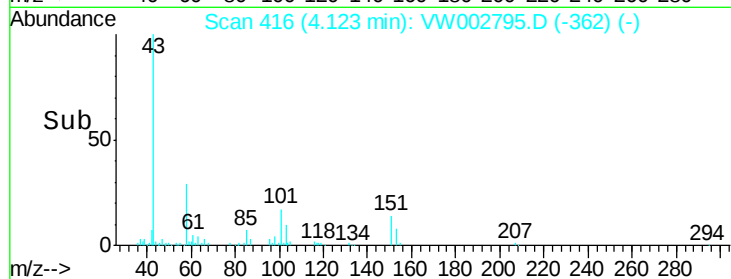
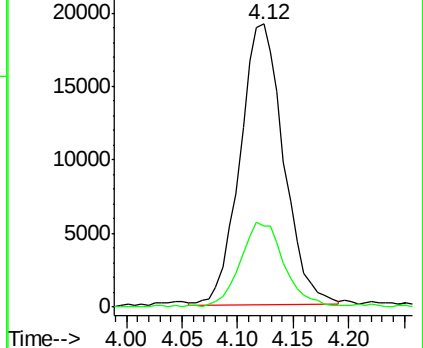
43 100

58 30.6 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 23.73 ug/L

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW002795.D

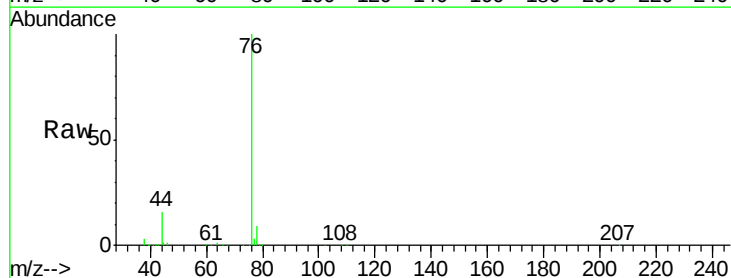
Acq: 22 May 2018 19:49

Tgt Ion: 76 Resp: 267940

Ion Ratio Lower Upper

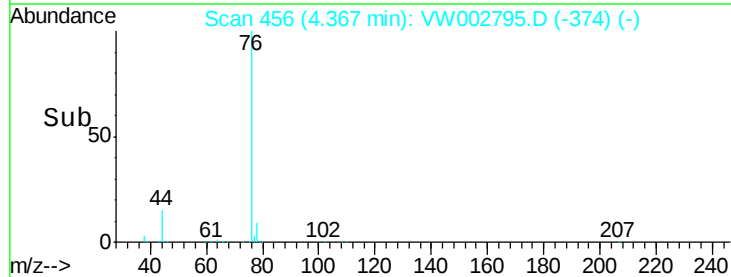
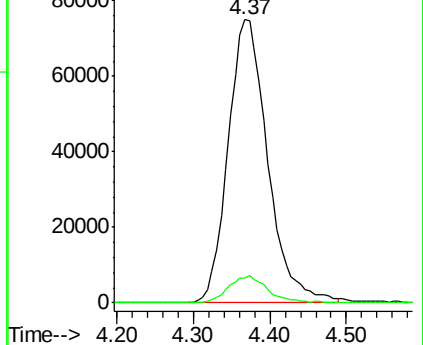
76 100

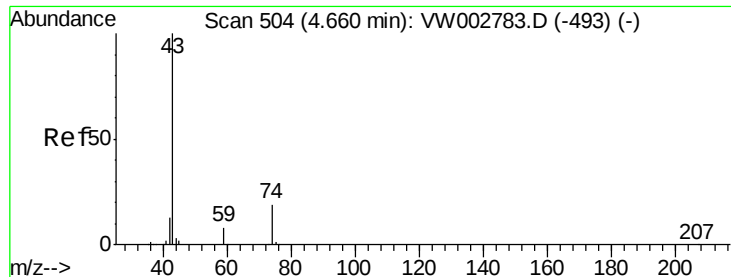
78 8.6 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#15

Methyl Acetate

Concen: 21.55 ug/L

RT: 4.67 min Scan# 505

Delta R.T. -0.00 min

Lab File: VW002795.D

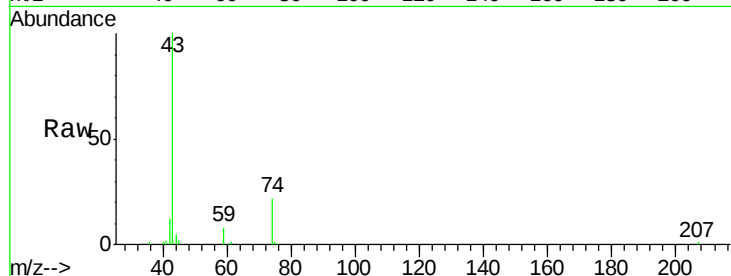
Acq: 22 May 2018 19:49

Tgt Ion: 43 Resp: 55484

Ion Ratio Lower Upper

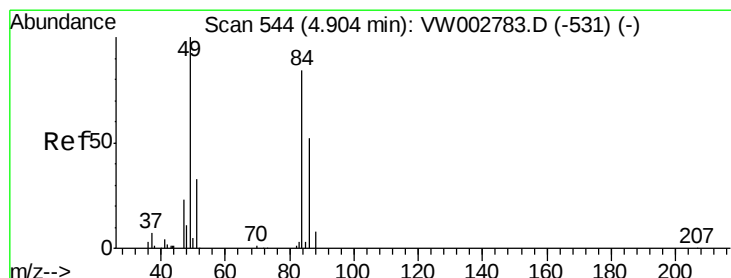
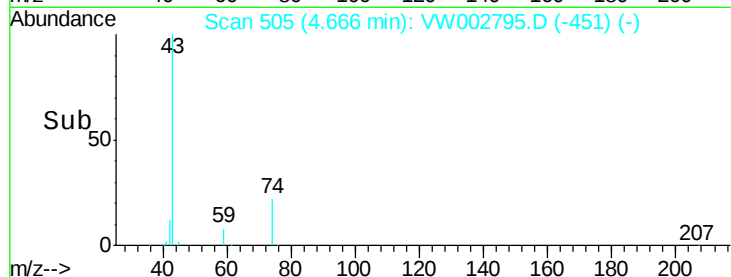
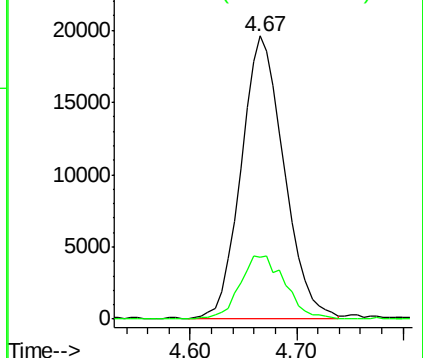
43 100

74 23.5 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



#16

Methylene chloride

Concen: 23.56 ug/L

RT: 4.90 min Scan# 544

Delta R.T. -0.00 min

Lab File: VW002795.D

Acq: 22 May 2018 19:49

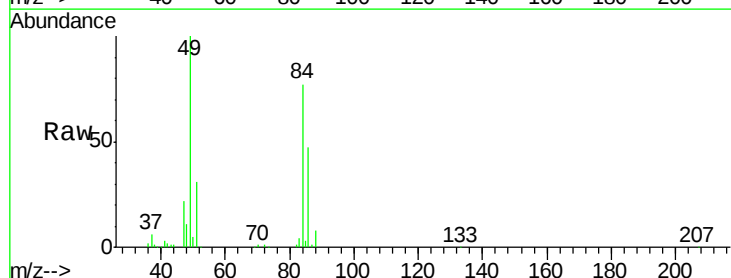
Tgt Ion: 84 Resp: 93058

Ion Ratio Lower Upper

84 100

49 129.9 89.2 165.6

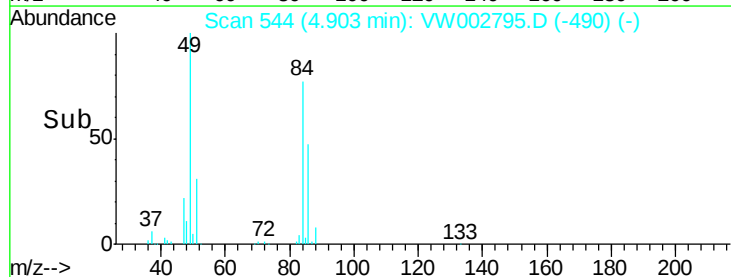
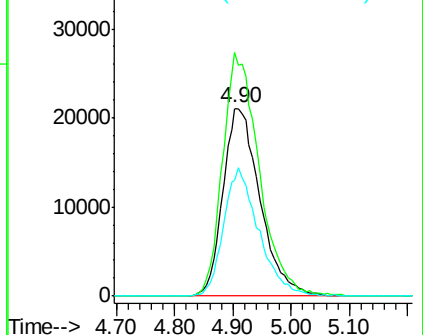
86 61.6 46.3 86.1

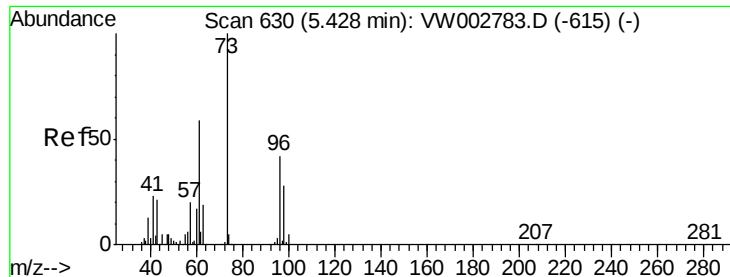


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

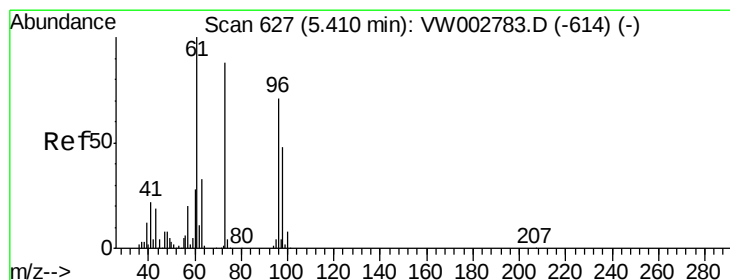
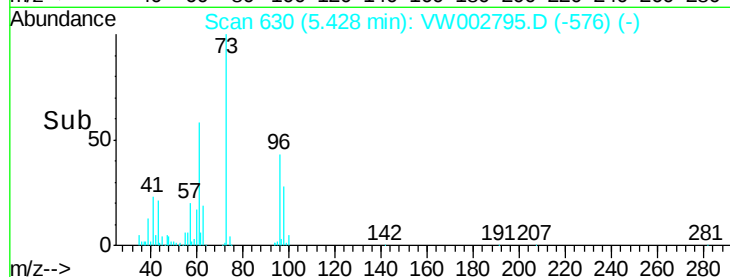
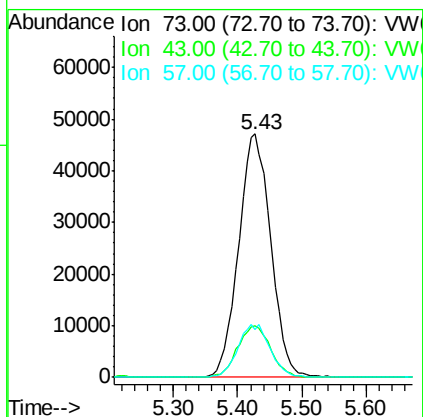
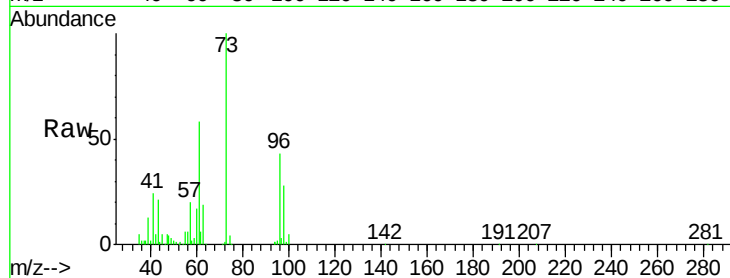
Ion 86.00 (85.70 to 86.70): VW





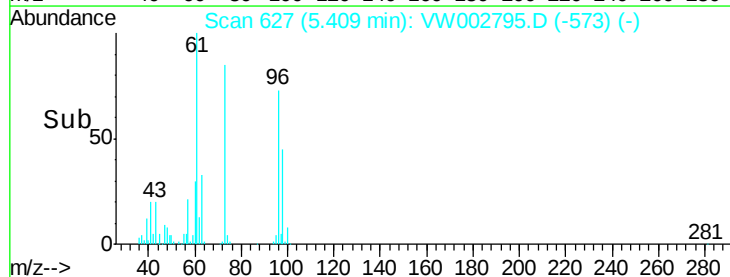
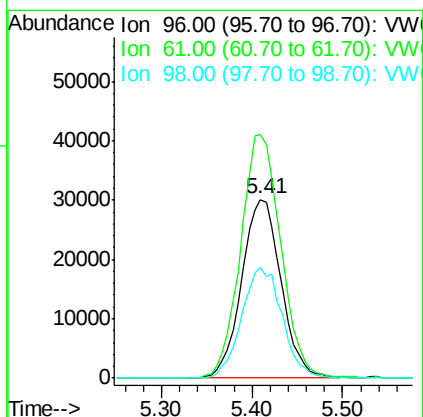
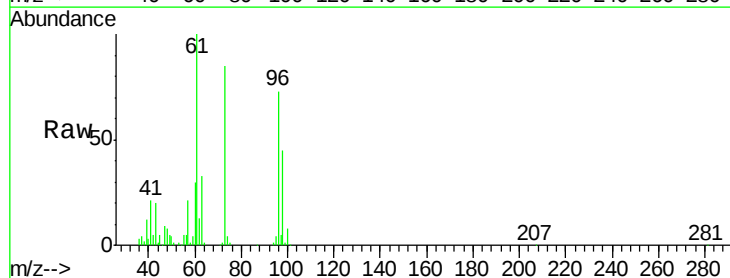
#17
Methyl tert-butyl Ether
Concen: 24.00 ug/L
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW002795.D
Acq: 22 May 2018 19:49

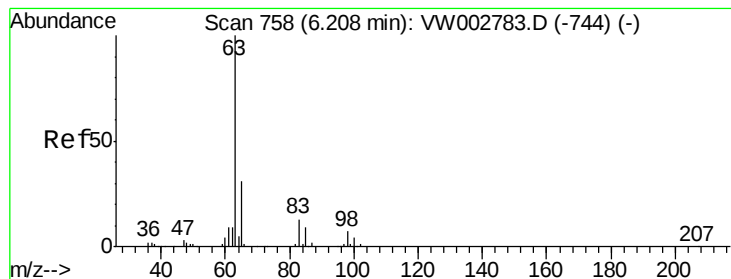
Tgt Ion: 73 Resp: 162204
Ion Ratio Lower Upper
73 100
43 21.6 17.3 25.9
57 12.7 17.5 26.3#



#18
trans-1,2-Dichloroethene
Concen: 23.62 ug/L
RT: 5.41 min Scan# 627
Delta R.T. -0.00 min
Lab File: VW002795.D
Acq: 22 May 2018 19:49

Tgt Ion: 96 Resp: 90608
Ion Ratio Lower Upper
96 100
61 136.3 100.0 185.8
98 61.7 45.6 84.8





#19

1,1-Dichloroethane

Concen: 24.06 ug/L

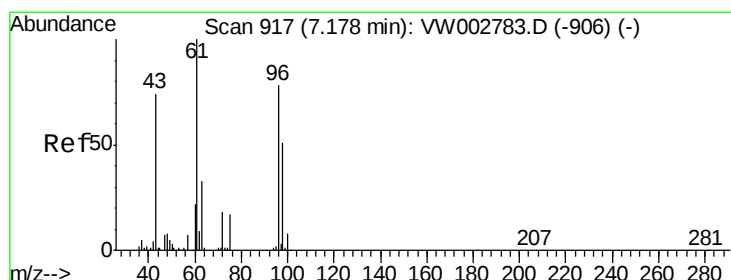
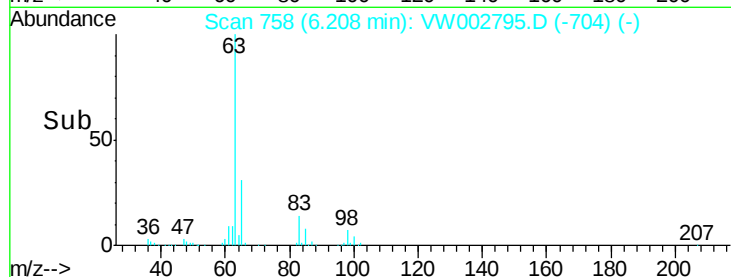
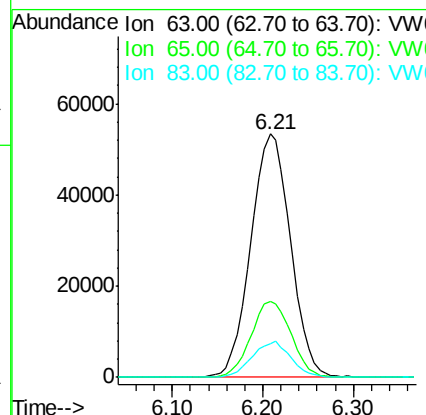
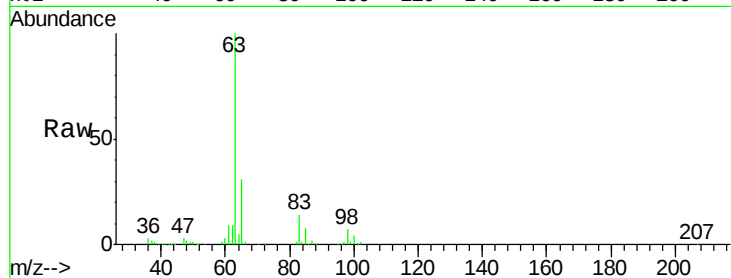
RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW002795.D

Acq: 22 May 2018 19:49

Tgt Ion:	63	Resp:	161872
Ion	Ratio	Lower	Upper
63	100		
65	31.4	21.8	40.4
83	13.8	10.1	18.9



#21

2-Butanone

Concen: 40.66 ug/L

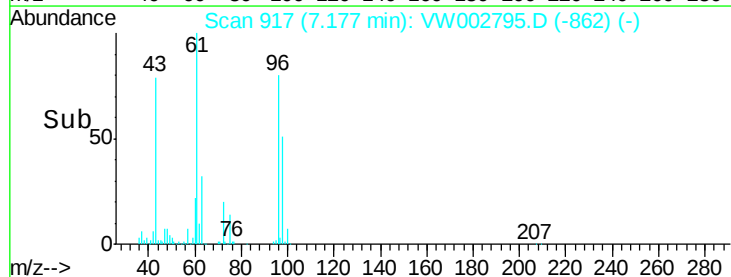
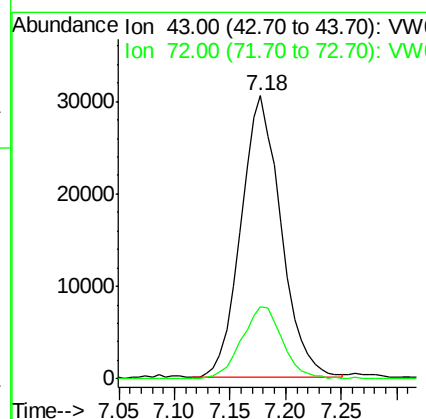
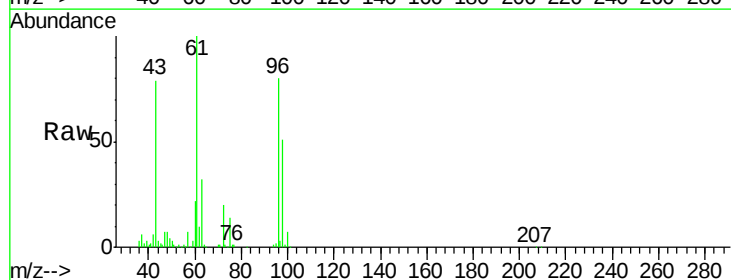
RT: 7.18 min Scan# 917

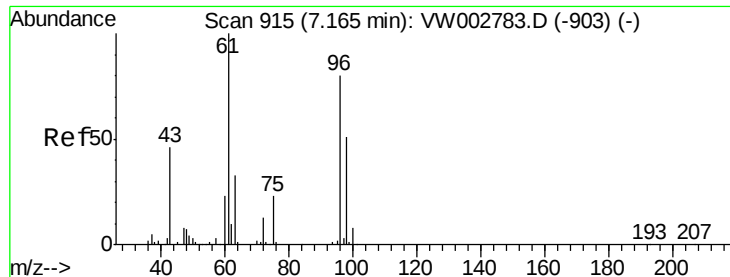
Delta R.T. 0.01 min

Lab File: VW002795.D

Acq: 22 May 2018 19:49

Tgt Ion:	43	Resp:	76110
Ion	Ratio	Lower	Upper
43	100		
72	26.2	13.7	41.1

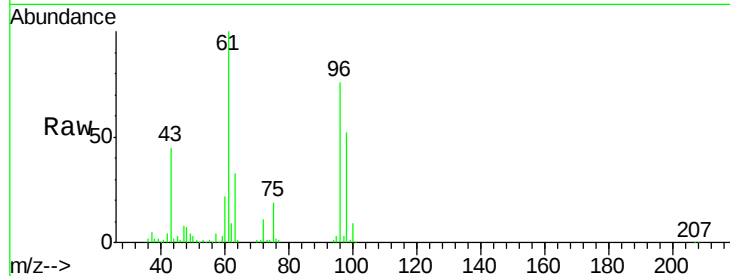




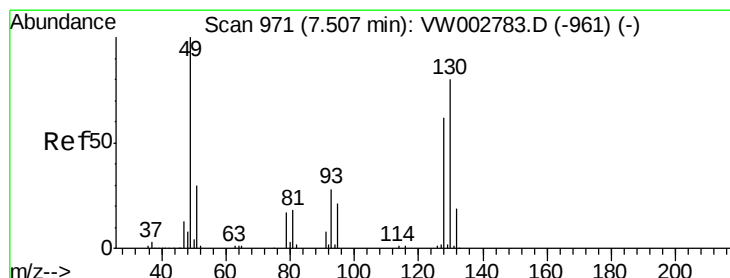
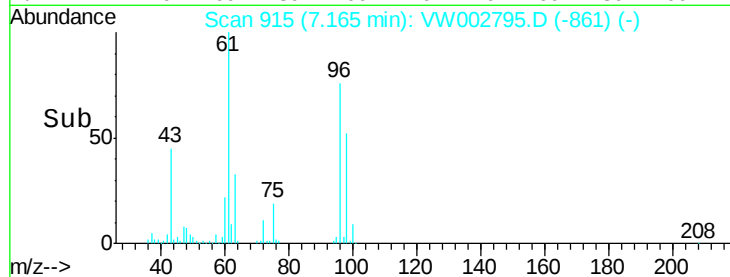
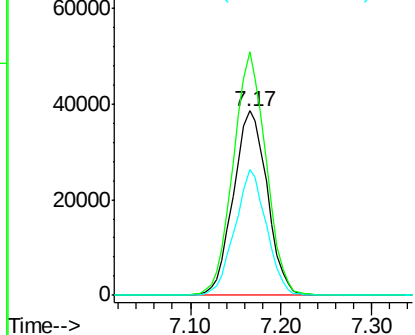
#22

cis-1,2-Dichloroethene
Concen: 23.81 ug/L
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW002795.D
Acq: 22 May 2018 19:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.9	88.1	163.7
98	68.2	43.9	81.5



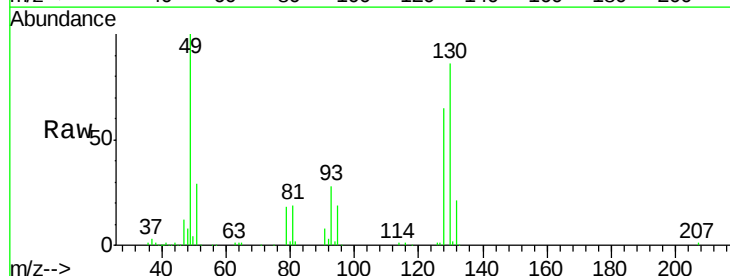
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



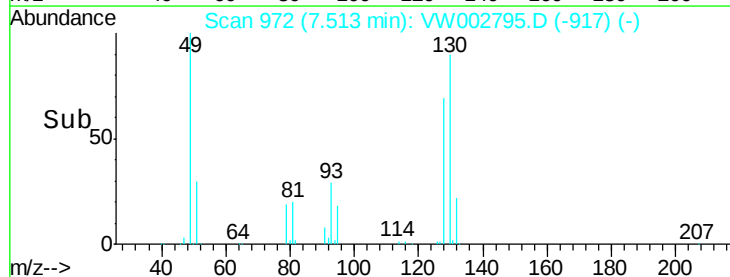
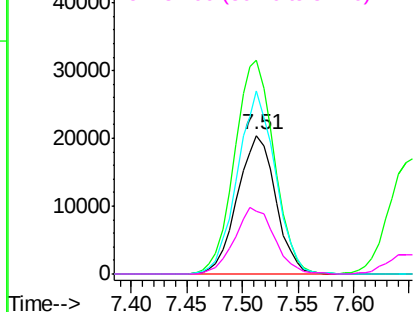
#23

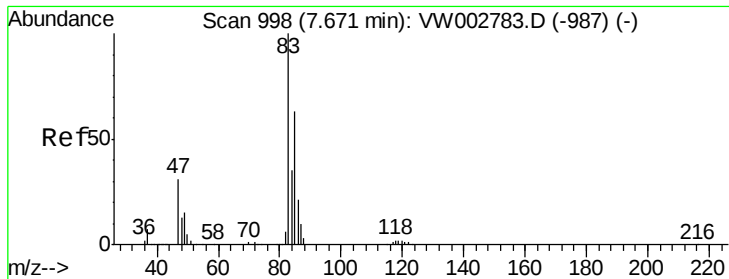
Bromochloromethane
Concen: 23.95 ug/L
RT: 7.51 min Scan# 972
Delta R.T. 0.01 min
Lab File: VW002795.D
Acq: 22 May 2018 19:49

Tgt Ion	Ratio	Lower	Upper
128	100		
49	153.8	107.7	199.9
130	131.5	86.5	160.7
51	45.2	39.2	58.8



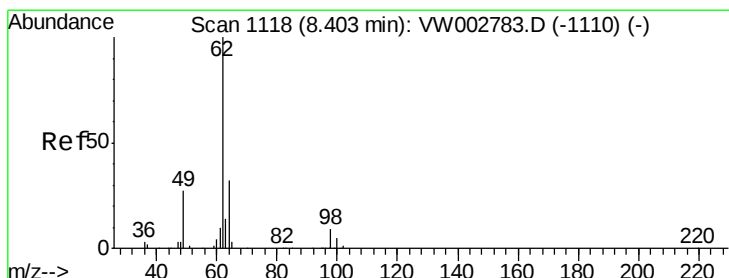
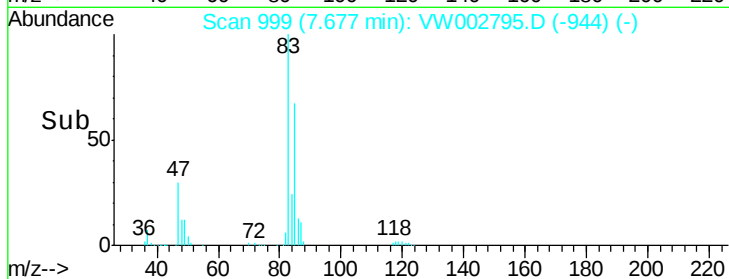
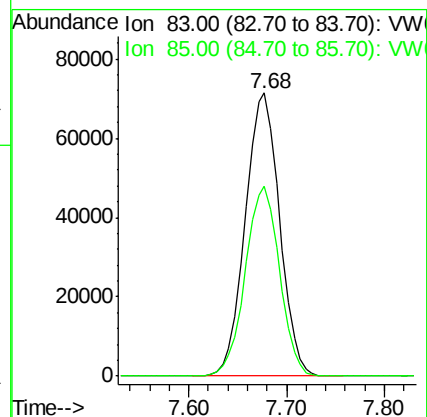
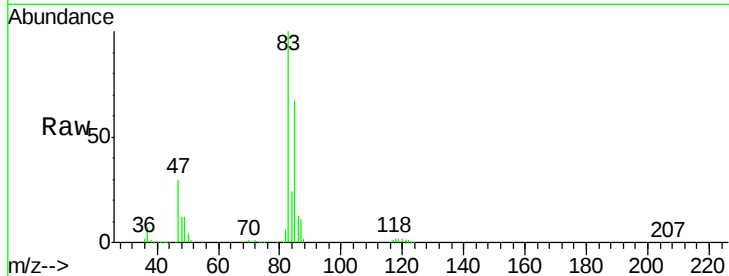
Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VW
Ion 130.00 (129.70 to 130.70): V
Ion 51.00 (50.70 to 51.70): VW





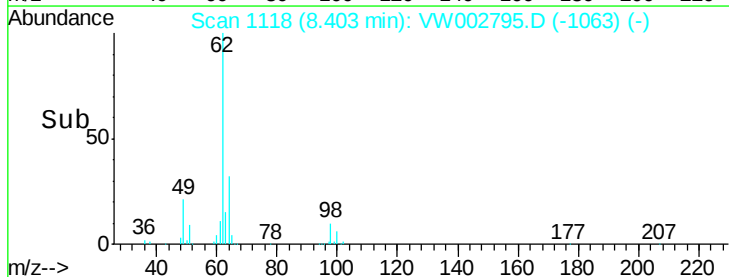
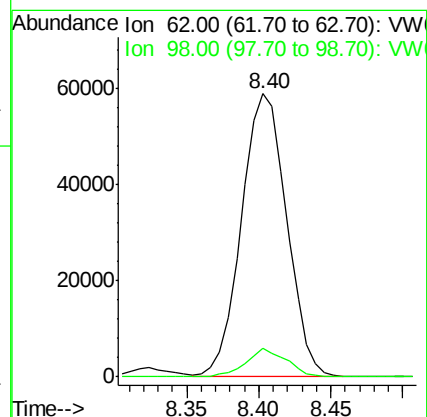
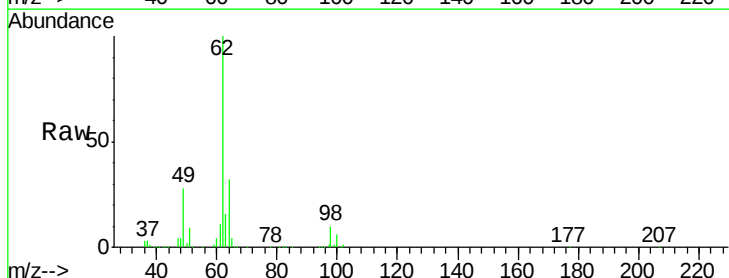
#25
Chloroform
Concen: 23.92 ug/L
RT: 7.68 min Scan# 999
Delta R.T. 0.01 min
Lab File: VW002795.D
Acq: 22 May 2018 19:49

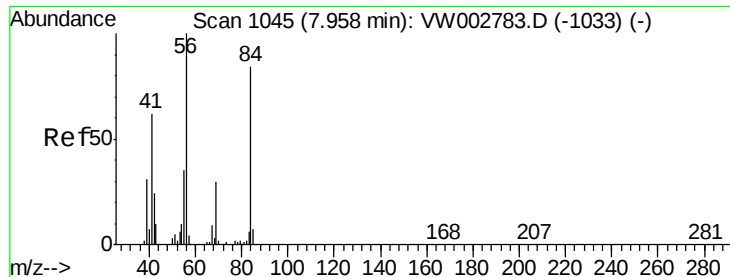
Tgt Ion: 83 Resp: 174008
Ion Ratio Lower Upper
83 100
85 67.0 46.6 86.6



#27
1,2-Dichloroethane
Concen: 24.17 ug/L
RT: 8.40 min Scan# 1118
Delta R.T. 0.01 min
Lab File: VW002795.D
Acq: 22 May 2018 19:49

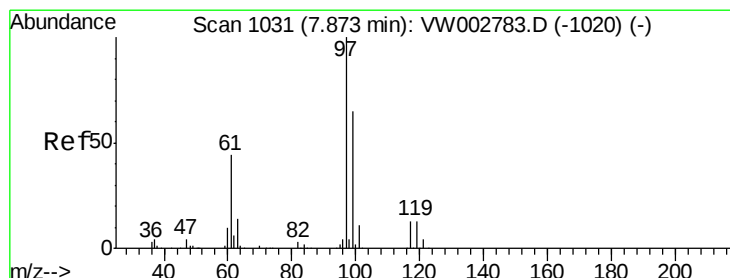
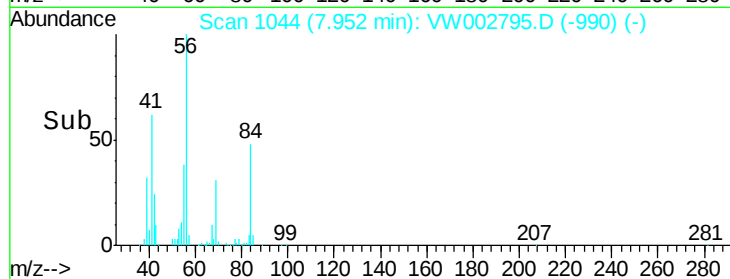
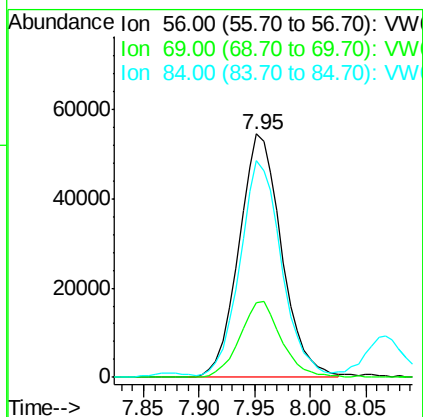
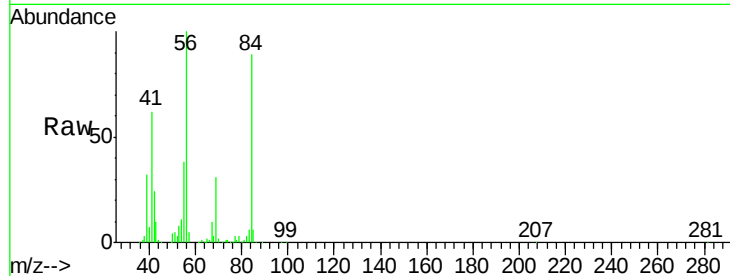
Tgt Ion: 62 Resp: 128102
Ion Ratio Lower Upper
62 100
98 10.2 6.9 10.3





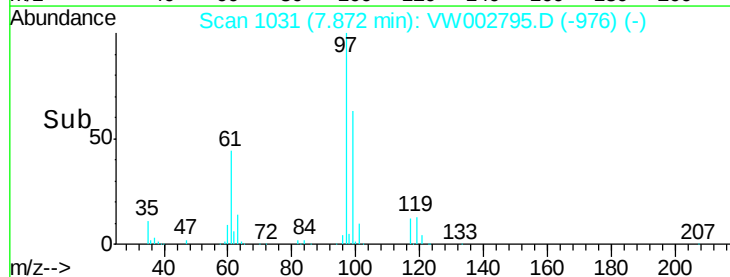
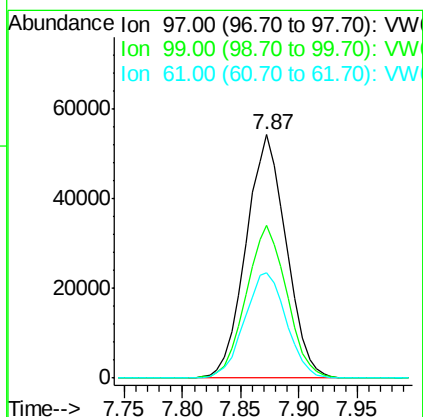
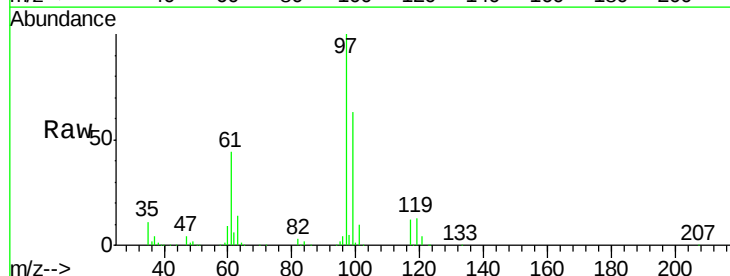
#30
Cyclohexane
Concen: 23.68 ug/L
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW002795.D
Acq: 22 May 2018 19:49

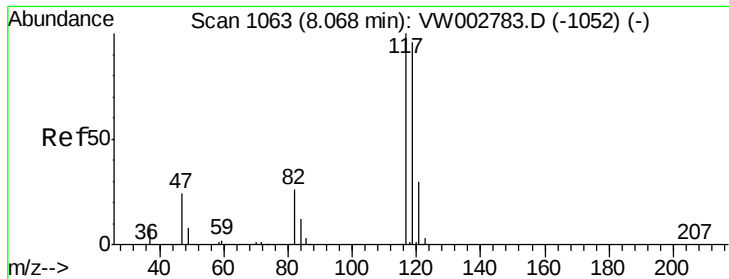
Tgt Ion: 56 Resp: 145366
Ion Ratio Lower Upper
56 100
69 30.0 24.6 36.8
84 87.0 70.2 105.2



#31
1,1,1-Trichloroethane
Concen: 23.28 ug/L
RT: 7.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VW002795.D
Acq: 22 May 2018 19:49

Tgt Ion: 97 Resp: 130674
Ion Ratio Lower Upper
97 100
99 63.2 52.1 78.1
61 45.1 35.0 52.4





#32

Carbon tetrachloride

Concen: 23.72 ug/L

RT: 8.07 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VW002795.D

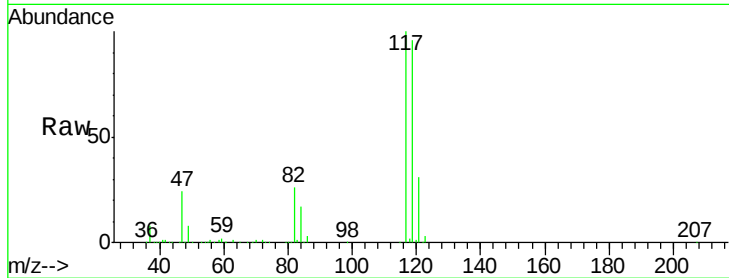
Acq: 22 May 2018 19:49

Tgt Ion: 117 Resp: 133384

Ion Ratio Lower Upper

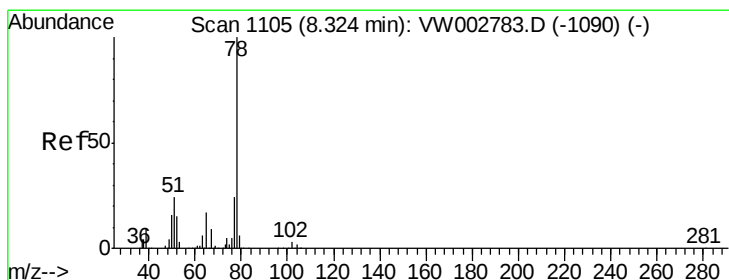
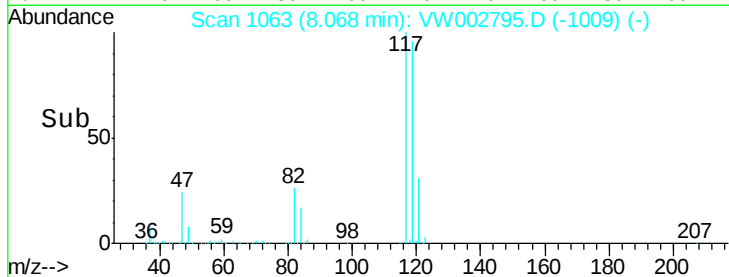
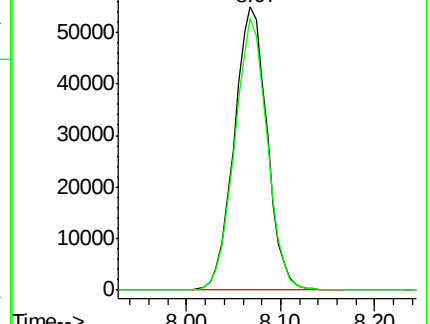
117 100

119 95.2 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 23.95 ug/L

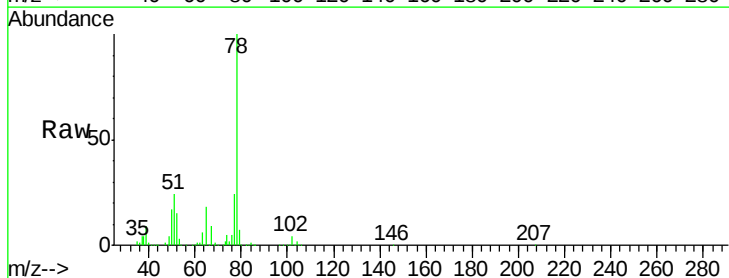
RT: 8.32 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VW002795.D

Acq: 22 May 2018 19:49

Tgt Ion: 78 Resp: 376958



Abundance Ion 78.00 (77.70 to 78.70): VW

200000

150000

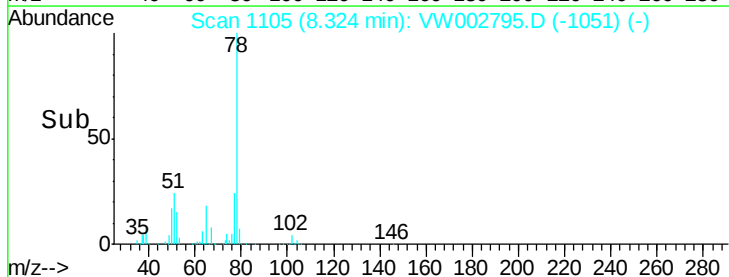
100000

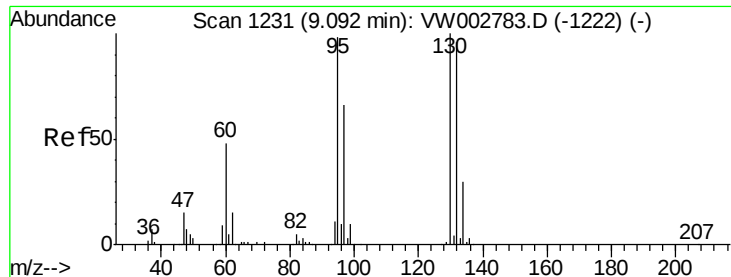
50000

0

8.32

Time-->





#35

Trichloroethene

Concen: 23.10 ug/L

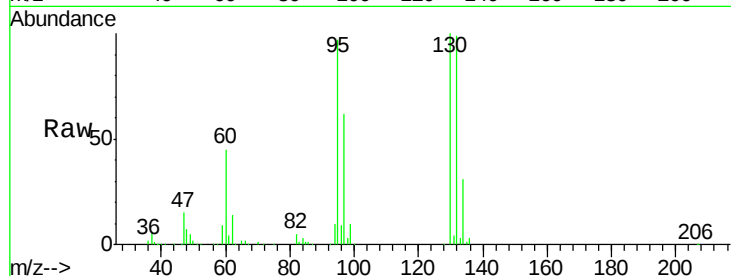
RT: 9.10 min Scan# 1232

Delta R.T. 0.01 min

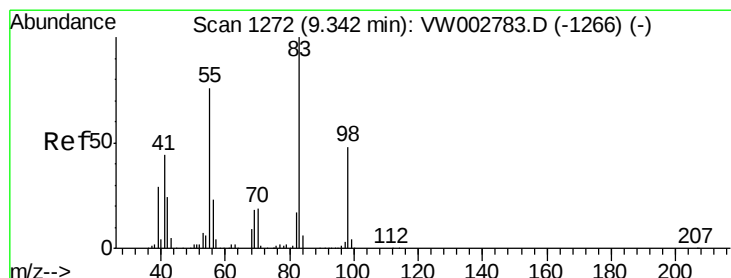
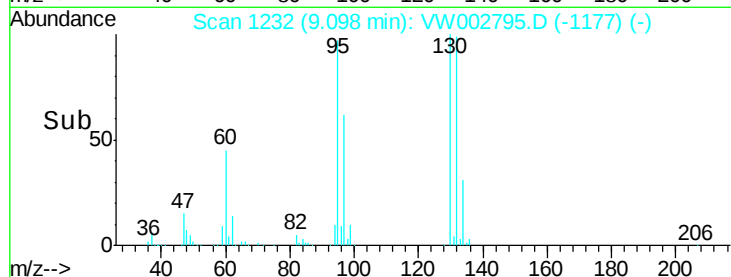
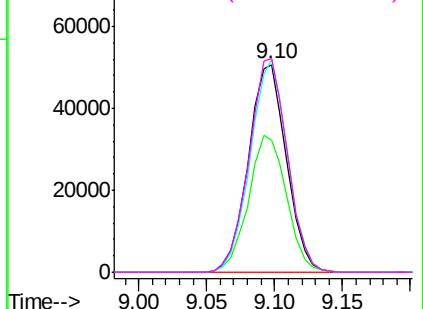
Lab File: VW002795.D

Acq: 22 May 2018 19:49

Tgt Ion:	95	Resp:	99380
Ion	Ratio	Lower	Upper
95	100		
97	66.1	45.3	84.1
132	100.6	71.4	132.6
130	103.7	72.5	134.7



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: 23.97 ug/L

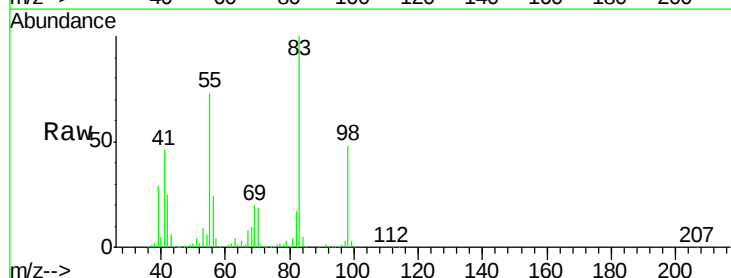
RT: 9.34 min Scan# 1272

Delta R.T. 0.01 min

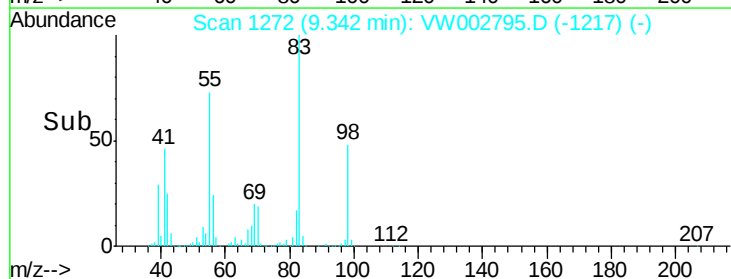
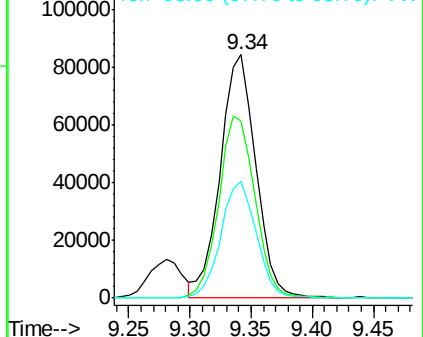
Lab File: VW002795.D

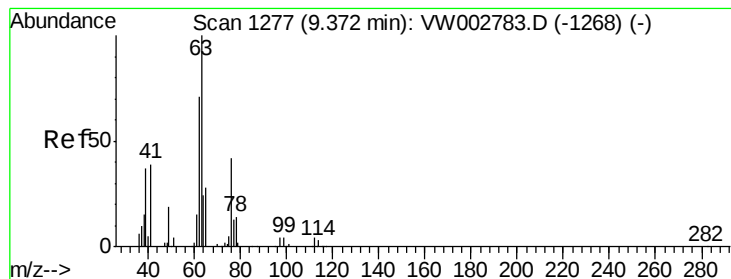
Acq: 22 May 2018 19:49

Tgt Ion:	83	Resp:	170357
Ion	Ratio	Lower	Upper
83	100		
55	75.9	60.5	90.7
98	47.9	38.3	57.5



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: 24.42 ug/L

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW002795.D

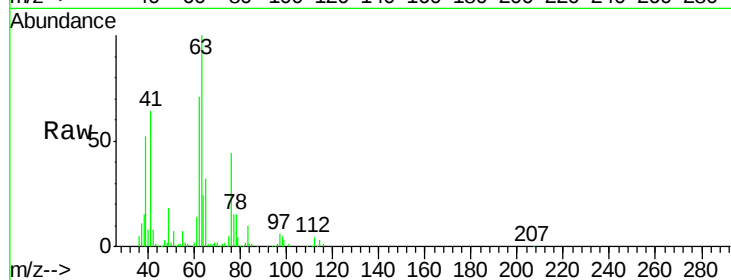
Acq: 22 May 2018 19:49

Tgt Ion: 63 Resp: 99646

Ion Ratio Lower Upper

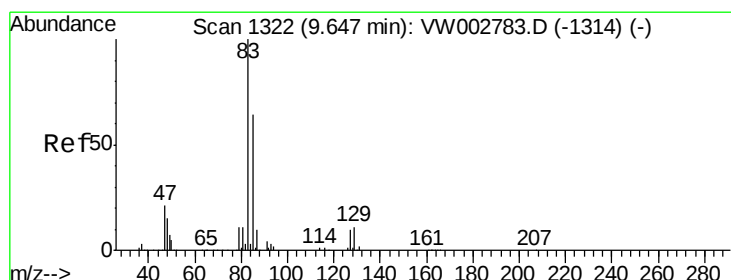
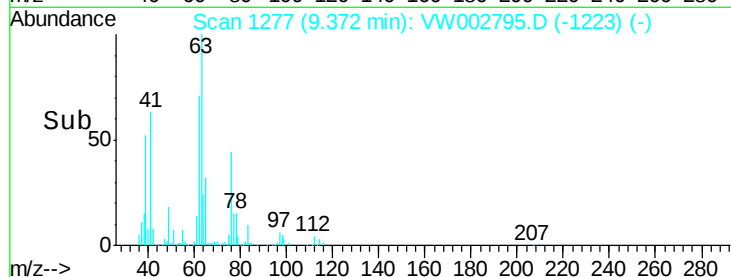
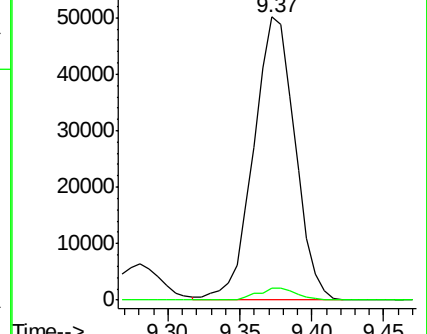
63 100

112 4.0 3.4 5.0



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#41

Bromodichloromethane

Concen: 24.32 ug/L

RT: 9.65 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VW002795.D

Acq: 22 May 2018 19:49

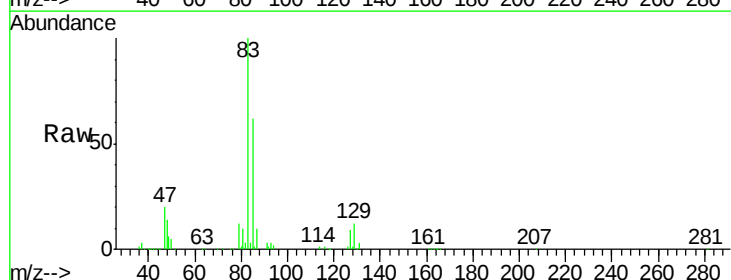
Tgt Ion: 83 Resp: 129393

Ion Ratio Lower Upper

83 100

85 62.3 43.5 80.9

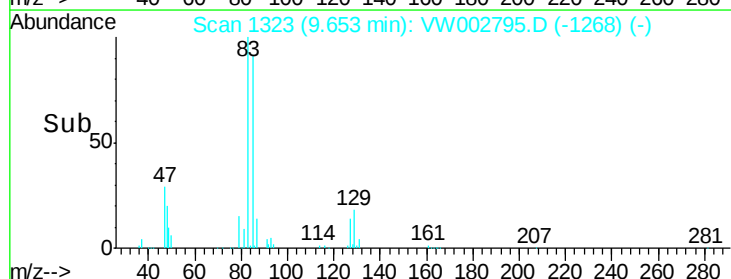
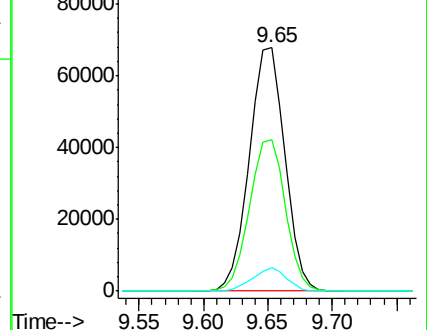
127 9.5 7.2 10.8

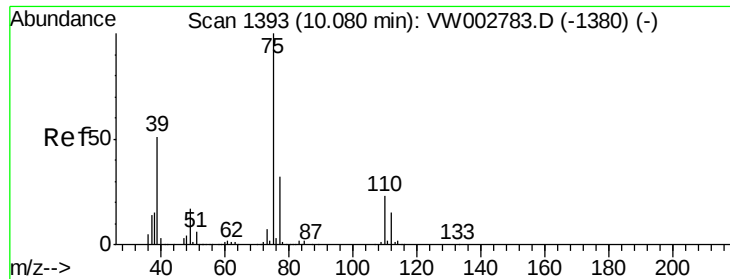


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): V





#42

cis-1,3-Dichloropropene

Concen: 24.15 ug/L

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW002795.D

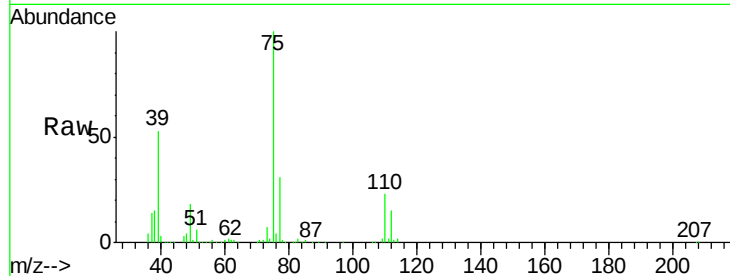
Acq: 22 May 2018 19:49

Tgt Ion: 75 Resp: 151640

Ion Ratio Lower Upper

75 100

77 31.5 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.08

80000

60000

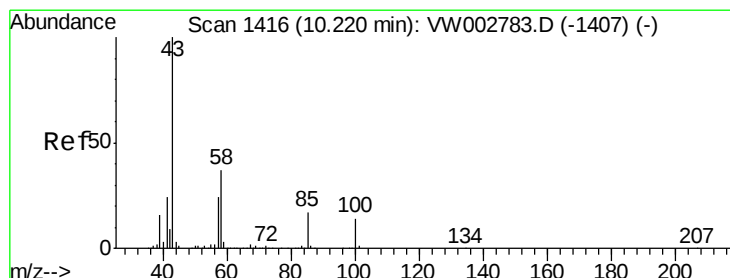
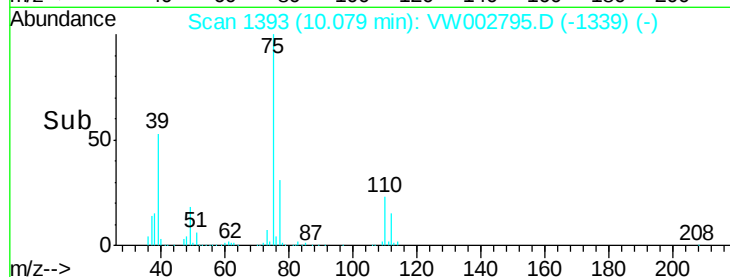
40000

20000

0

Time-->

10.00 10.10 10.20



#43

4-Methyl-2-pentanone

Concen: 45.49 ug/L

RT: 10.22 min Scan# 1416

Delta R.T. 0.01 min

Lab File: VW002795.D

Acq: 22 May 2018 19:49

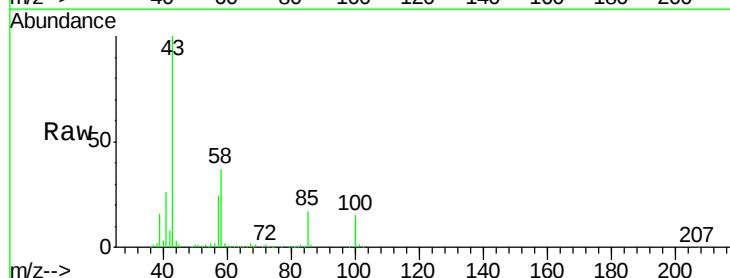
Tgt Ion: 43 Resp: 167122

Ion Ratio Lower Upper

43 100

58 37.1 30.2 45.2

100 14.7 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW

150000

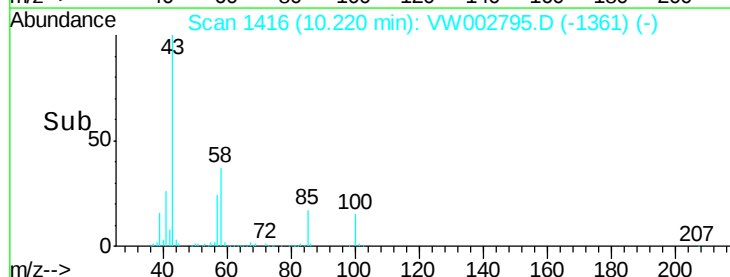
100000

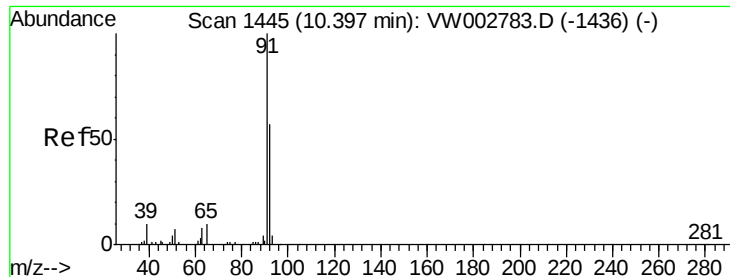
50000

0

Time-->

10.20 10.30





#44

Toluene

Concen: 24.04 ug/L

RT: 10.40 min Scan# 1445

Delta R.T. 0.01 min

Lab File: VW002795.D

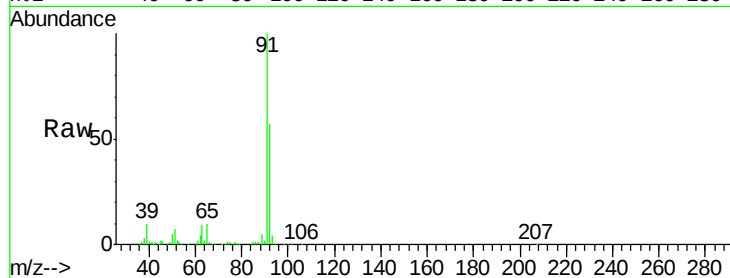
Acq: 22 May 2018 19:49

Tgt Ion: 91 Resp: 412643

Ion Ratio Lower Upper

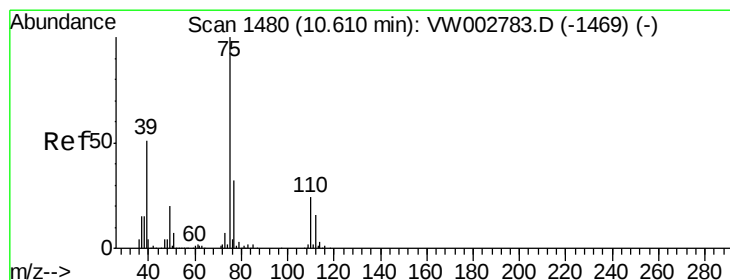
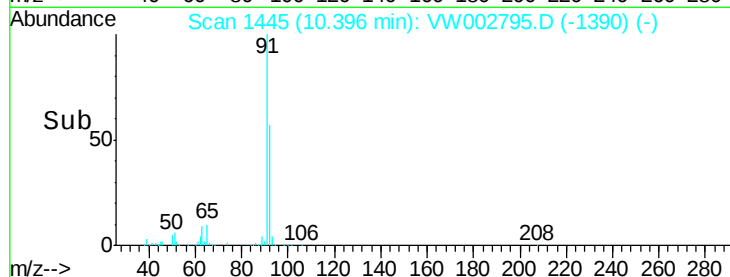
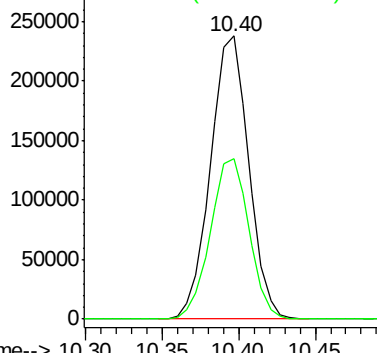
91 100

92 56.8 39.5 73.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#45

trans-1,3-Dichloropropene

Concen: 24.16 ug/L

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW002795.D

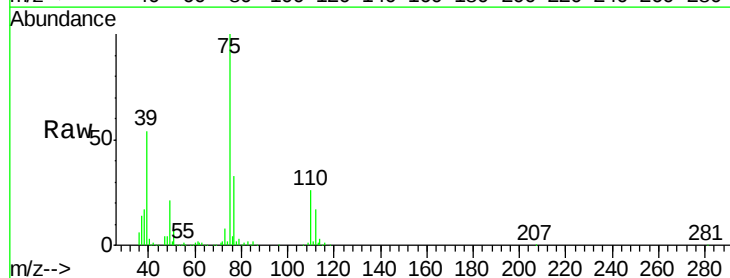
Acq: 22 May 2018 19:49

Tgt Ion: 75 Resp: 138254

Ion Ratio Lower Upper

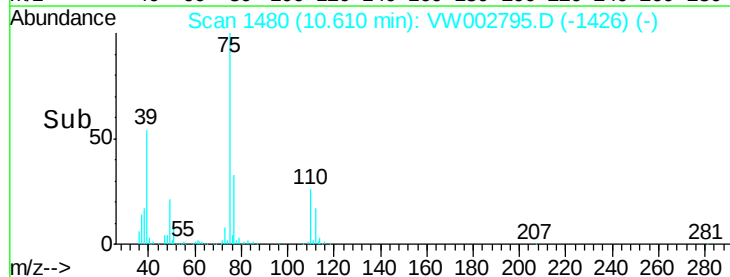
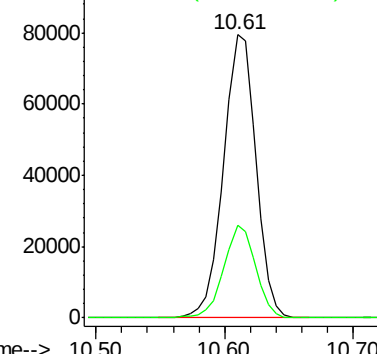
75 100

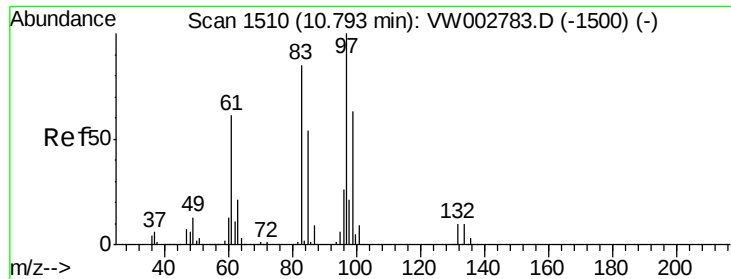
77 32.6 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VW

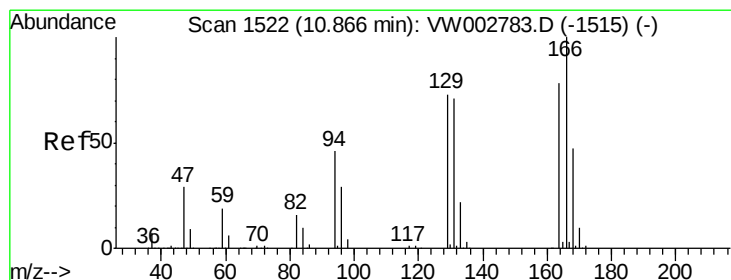
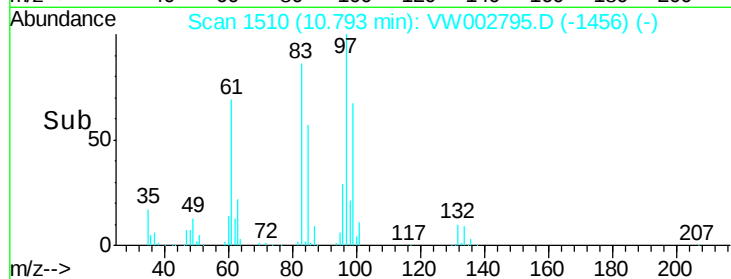
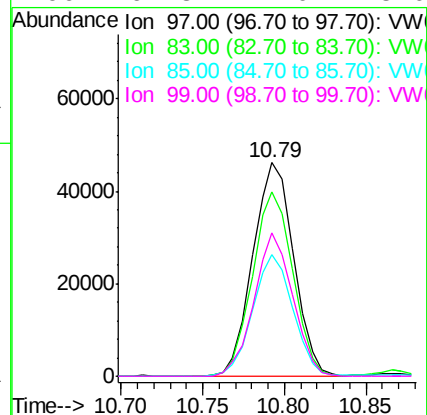
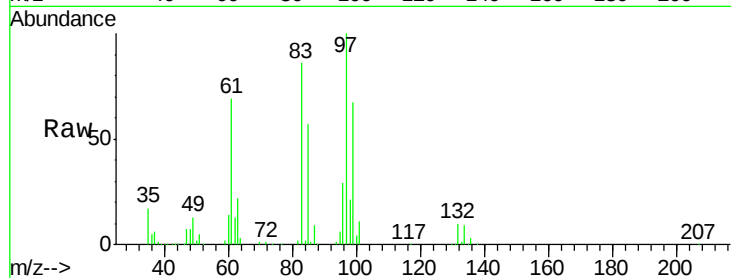
Ion 77.00 (76.70 to 77.70): VW





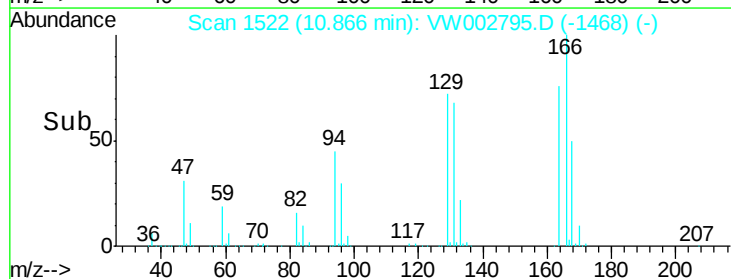
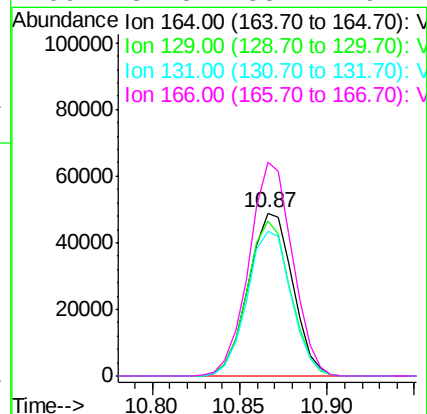
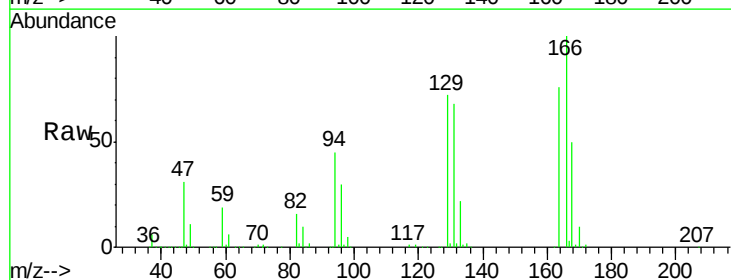
#46
 1,1,2-Trichloroethane
 Concen: 23.78 ug/L
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW002795.D
 Acq: 22 May 2018 19:49

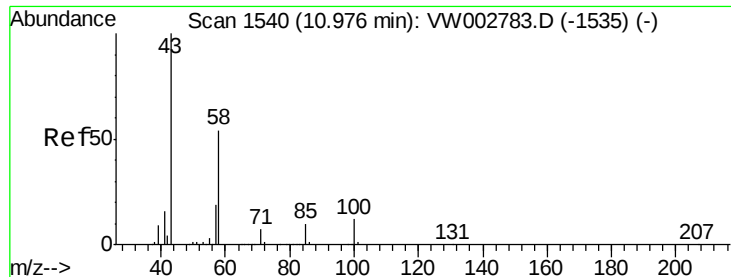
Tgt Ion:	97	Resp:	80376
Ion	Ratio	Lower	Upper
97	100		
83	86.2	60.6	112.6
85	57.0	37.9	70.3
99	67.3	42.0	78.0



#47
 Tetrachloroethene
 Concen: 23.27 ug/L
 RT: 10.87 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: VW002795.D
 Acq: 22 May 2018 19:49

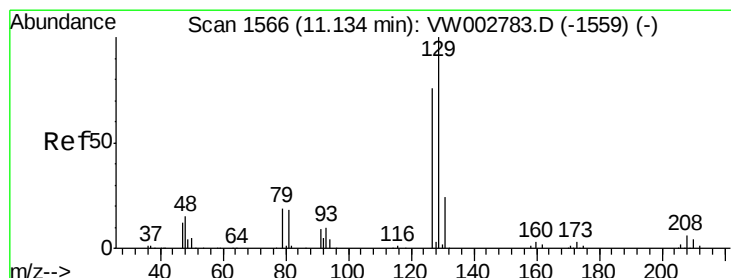
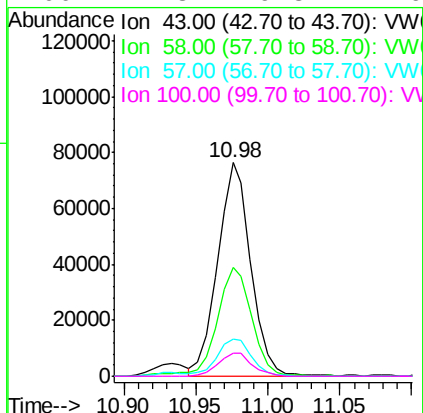
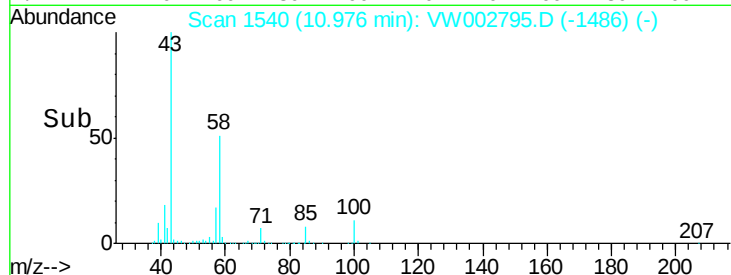
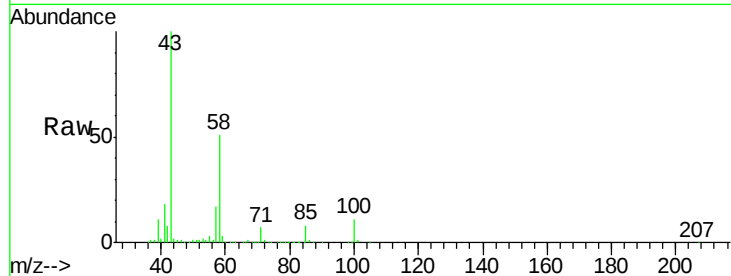
Tgt Ion:	164	Resp:	86608
Ion	Ratio	Lower	Upper
164	100		
129	95.1	64.4	119.6
131	89.0	63.2	117.4
166	131.3	88.7	164.7





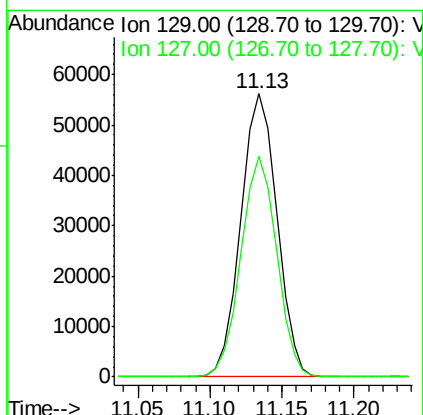
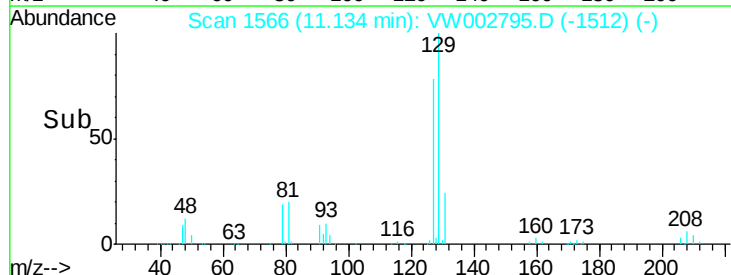
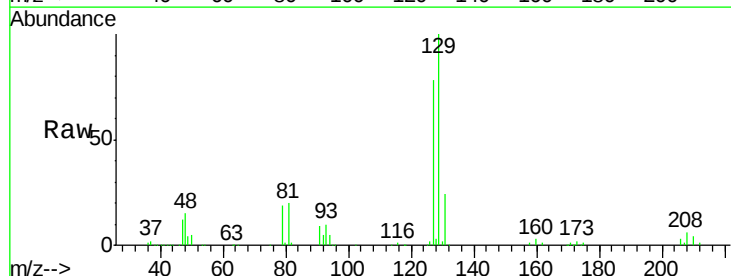
#49
2-Hexanone
Concen: 45.29 ug/L
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW002795.D
Acq: 22 May 2018 19:49

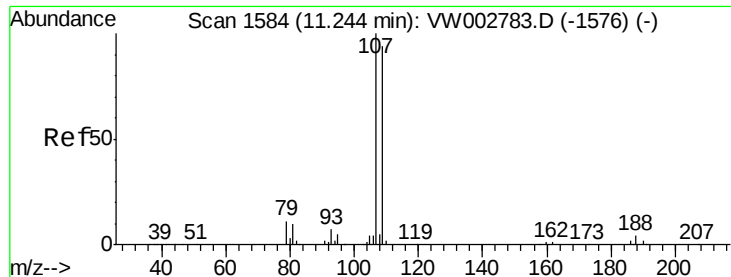
Tgt Ion:	43	Resp:	122810
Ion	Ratio	Lower	Upper
43	100		
58	51.9	42.8	64.2
57	18.2	15.9	23.9
100	11.3	9.8	14.6



#50
Dibromochloromethane
Concen: 24.03 ug/L
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW002795.D
Acq: 22 May 2018 19:49

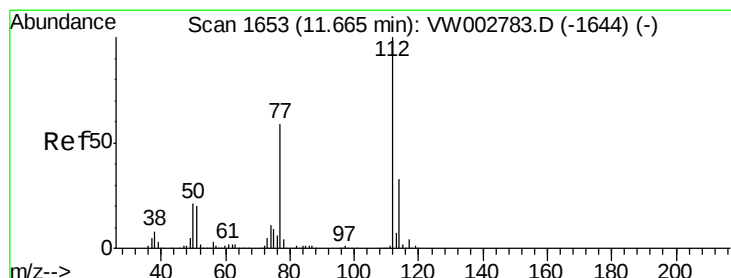
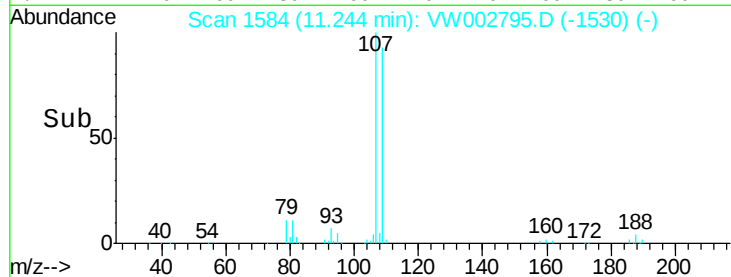
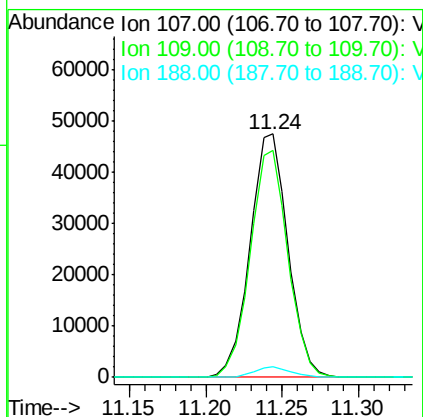
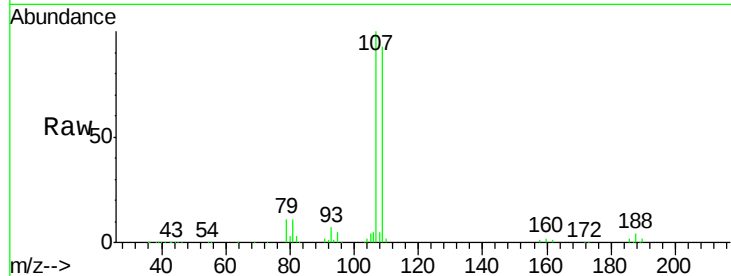
Tgt Ion:	129	Resp:	98070
Ion	Ratio	Lower	Upper
129	100		
127	77.9	52.6	97.8





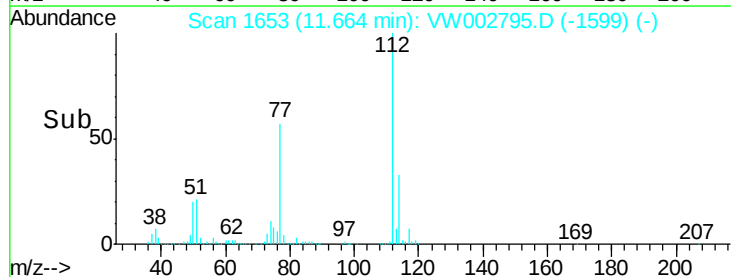
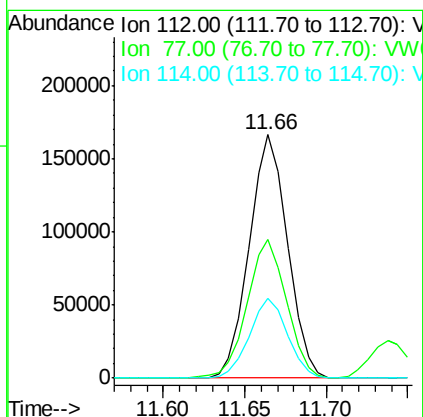
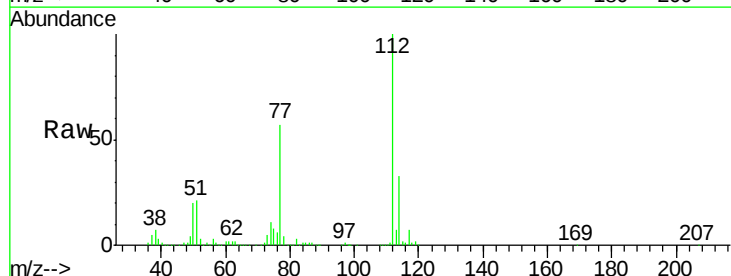
#51
 1,2-Dibromoethane
 Concen: 23.89 ug/L
 RT: 11.24 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VW002795.D
 Acq: 22 May 2018 19:49

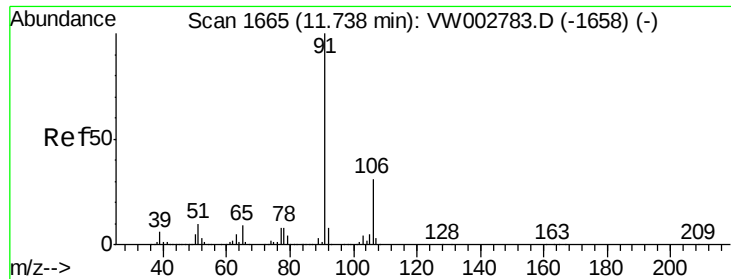
Tgt Ion:107 Resp: 82046
 Ion Ratio Lower Upper
 107 100
 109 93.3 65.5 121.6
 188 4.4 3.3 4.9



#52
 Chlorobenzene
 Concen: 23.88 ug/L
 RT: 11.66 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: VW002795.D
 Acq: 22 May 2018 19:49

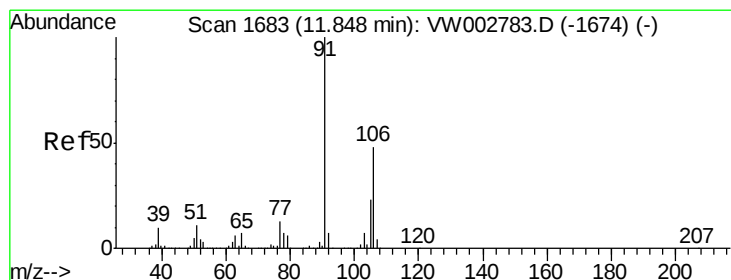
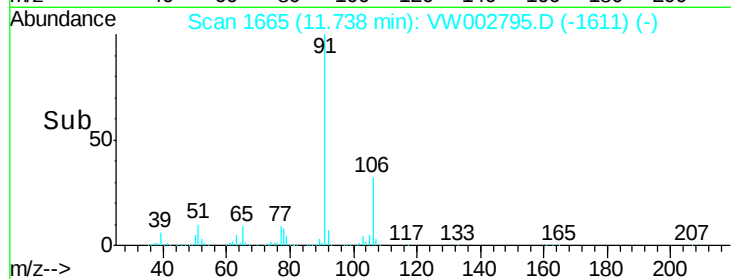
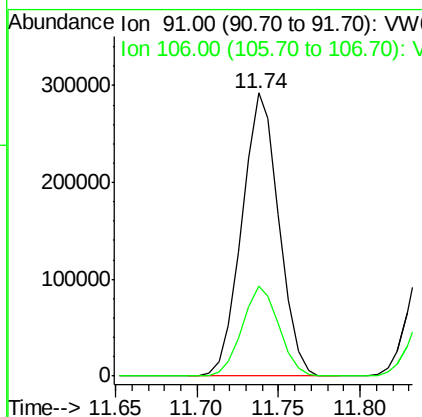
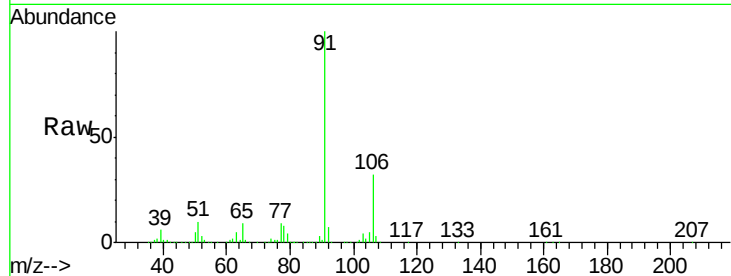
Tgt Ion:112 Resp: 271642
 Ion Ratio Lower Upper
 112 100
 77 56.8 44.7 67.1
 114 32.7 21.8 40.6





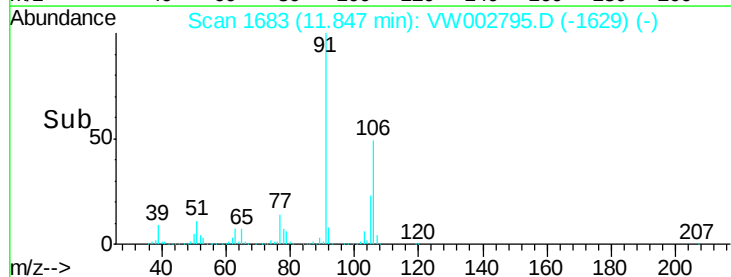
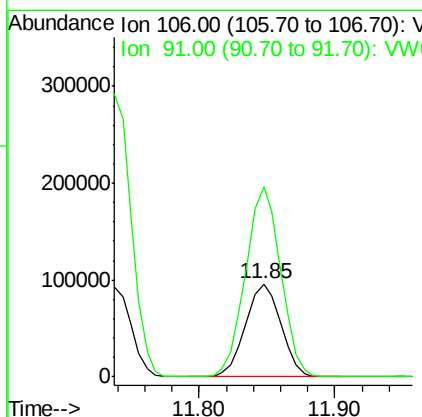
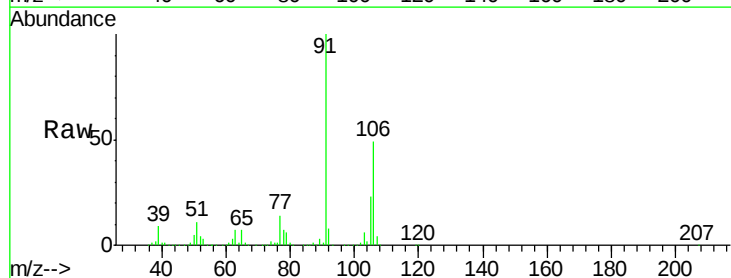
#53
Ethylbenzene
Concen: 23.93 ug/L
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002795.D
Acq: 22 May 2018 19:49

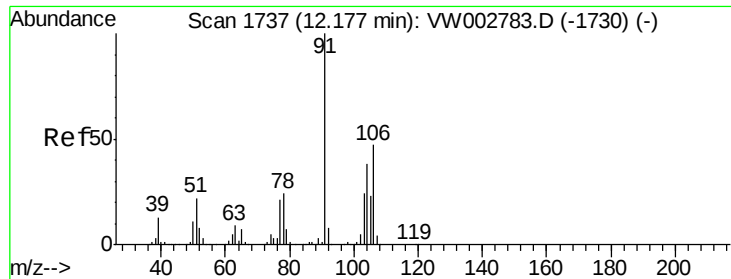
Tgt Ion: 91 Resp: 461489
Ion Ratio Lower Upper
91 100
106 31.8 21.4 39.8



#54
m,p-Xylene
Concen: 24.01 ug/L
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW002795.D
Acq: 22 May 2018 19:49

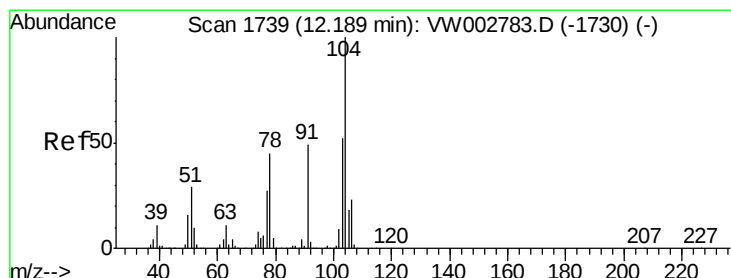
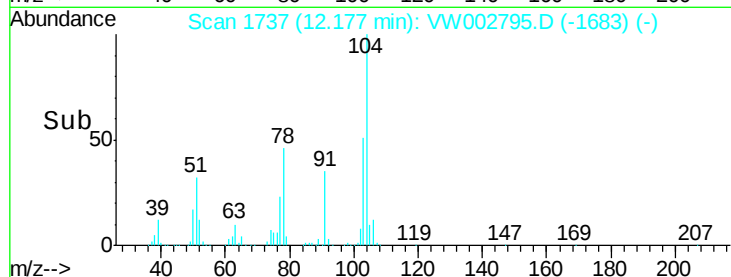
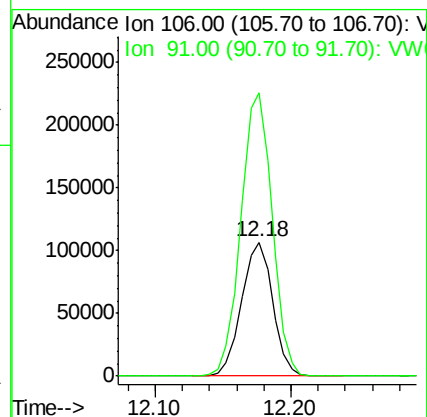
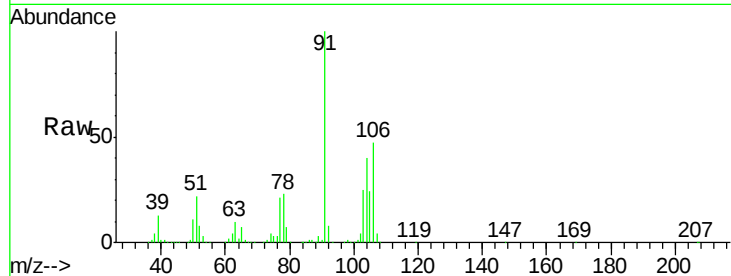
Tgt Ion: 106 Resp: 176291
Ion Ratio Lower Upper
106 100
91 204.4 140.6 261.0





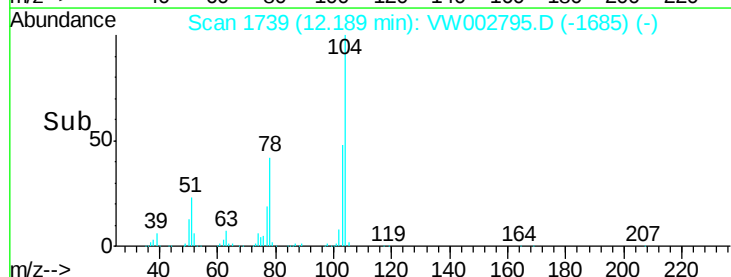
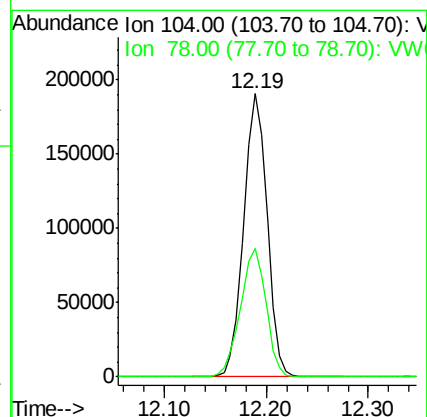
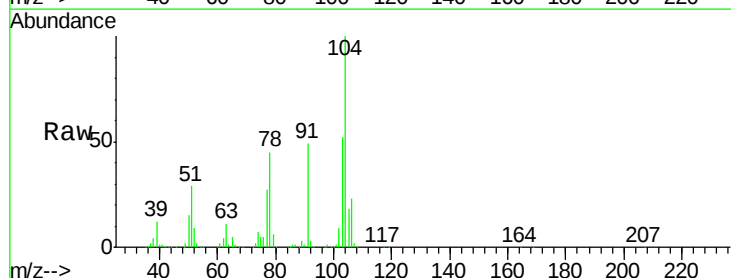
#55
o-xylene
Concen: 24.36 ug/L
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002795.D
Acq: 22 May 2018 19:49

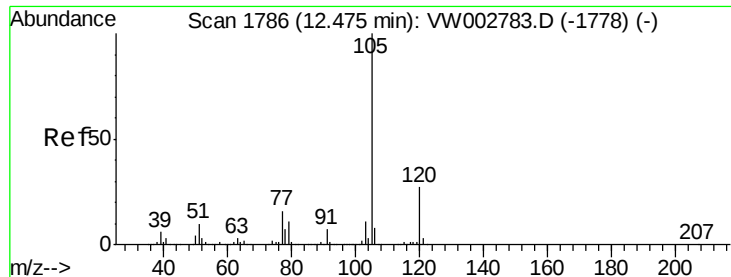
Tgt Ion:106 Resp: 169966
Ion Ratio Lower Upper
106 100
91 211.7 150.2 279.0



#56
Styrene
Concen: 24.77 ug/L
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW002795.D
Acq: 22 May 2018 19:49

Tgt Ion:104 Resp: 302723
Ion Ratio Lower Upper
104 100
78 45.2 32.4 60.2





#57

Isopropylbenzene

Concen: 24.04 ug/L

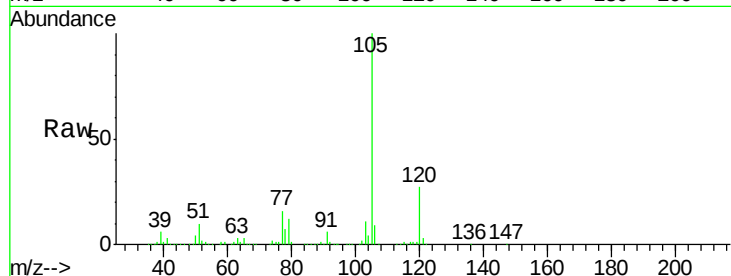
RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

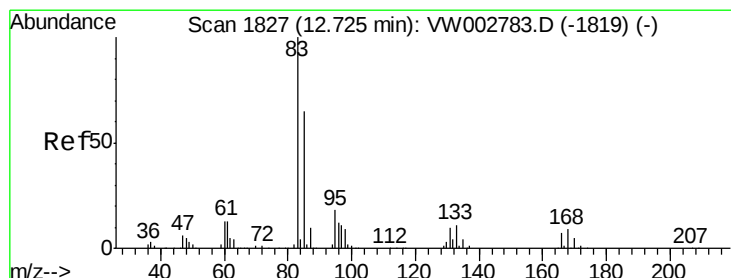
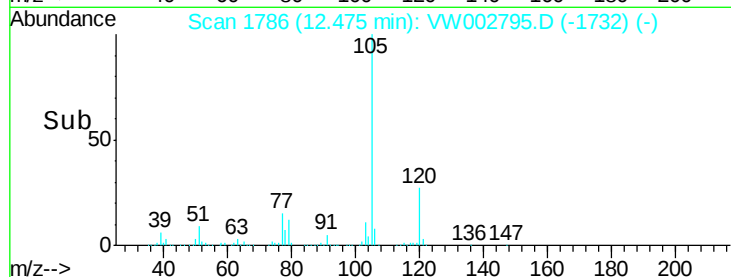
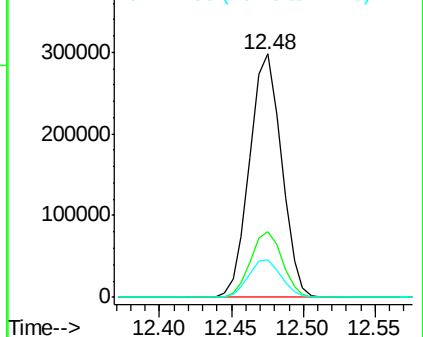
Lab File: VW002795.D

Acq: 22 May 2018 19:49

Tgt Ion:	105	Resp:	457816
Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.3	31.9
77	15.9	12.8	19.2



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: 23.56 ug/L

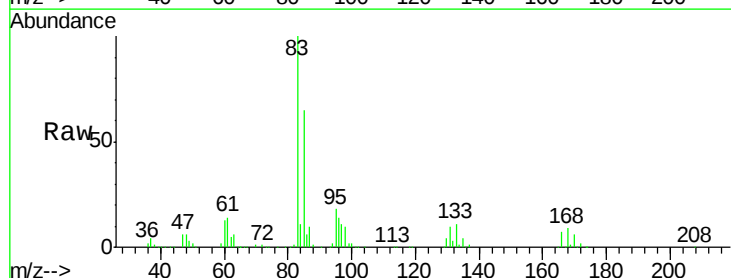
RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

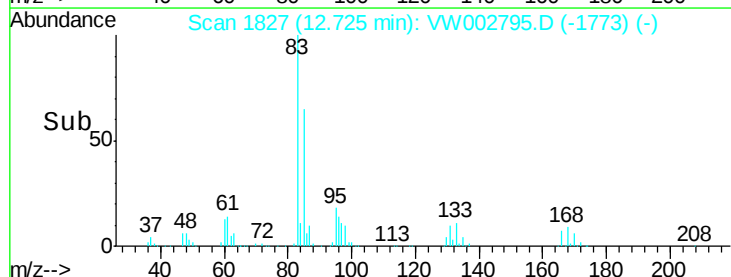
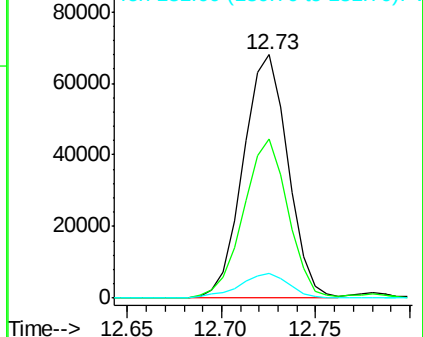
Lab File: VW002795.D

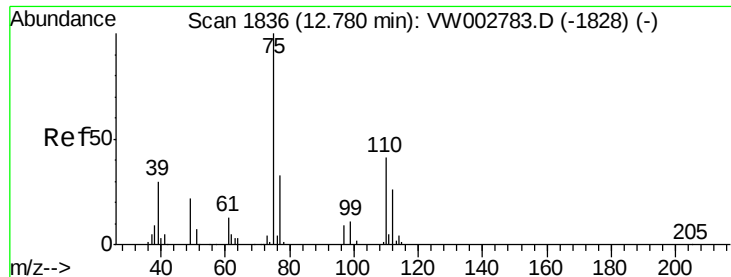
Acq: 22 May 2018 19:49

Tgt Ion:	83	Resp:	112206
Ion	Ratio	Lower	Upper
83	100		
85	65.2	45.1	83.7
131	10.4	8.2	12.2



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: 23.11 ug/L

RT: 12.78 min Scan# 1836

Delta R.T. 0.01 min

Lab File: VW002795.D

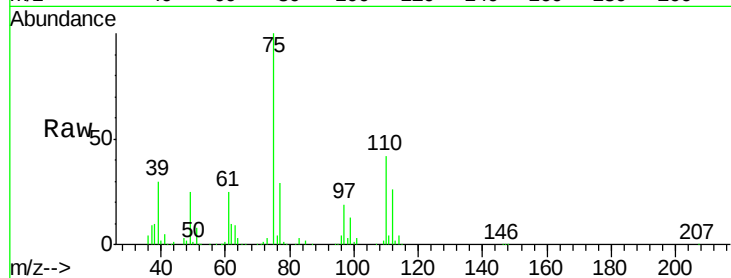
Acq: 22 May 2018 19:49

Tgt Ion: 75 Resp: 82800

Ion Ratio Lower Upper

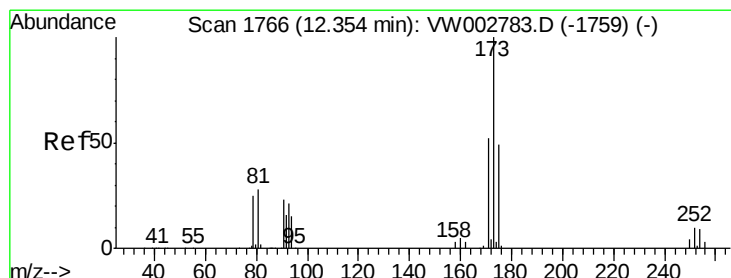
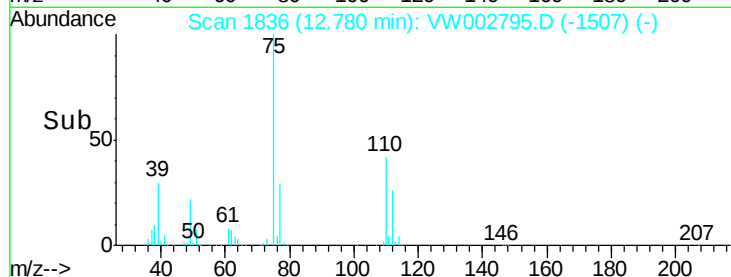
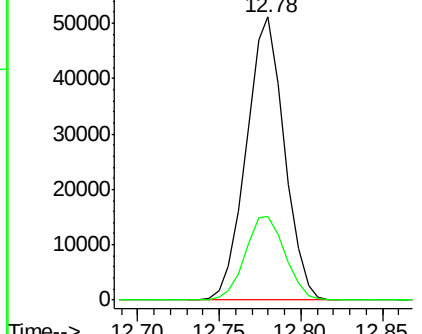
75 100

77 31.1 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#62

Bromoform

Concen: 23.61 ug/L

RT: 12.36 min Scan# 1767

Delta R.T. 0.01 min

Lab File: VW002795.D

Acq: 22 May 2018 19:49

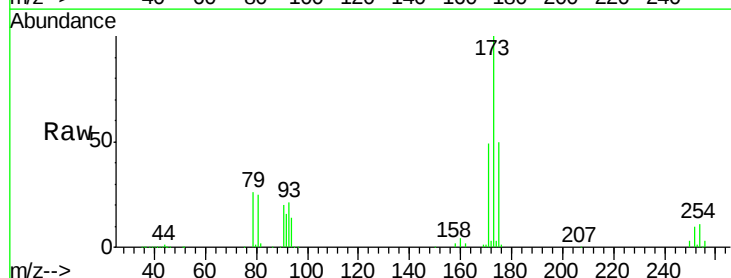
Tgt Ion: 173 Resp: 64579

Ion Ratio Lower Upper

173 100

175 48.3 39.4 59.0

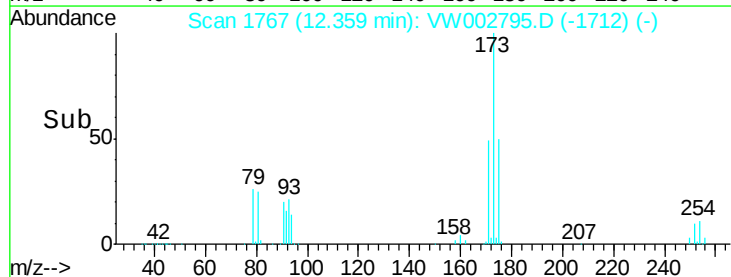
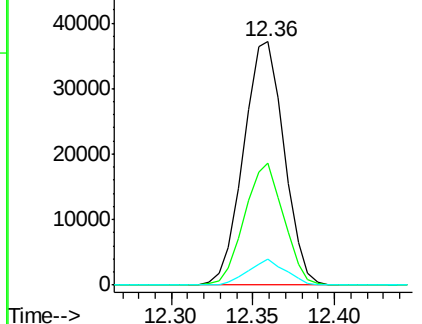
254 10.0 8.5 12.7

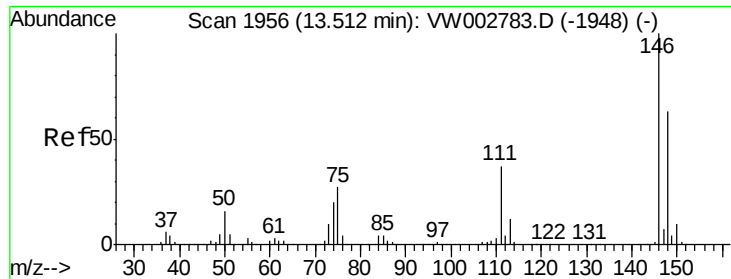


Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V





#63

1,3-Dichlorobenzene

Concen: 23.68 ug/L

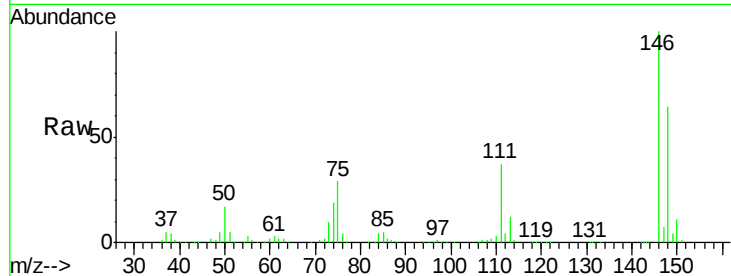
RT: 13.51 min Scan# 1956

Delta R.T. -0.00 min

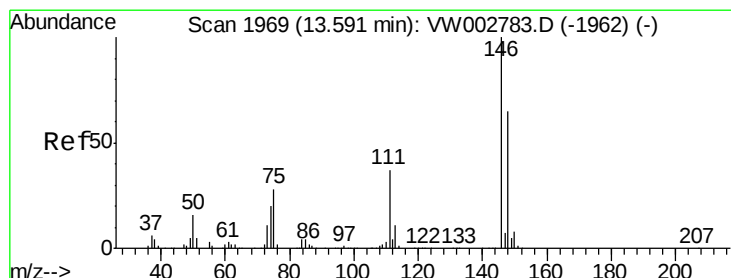
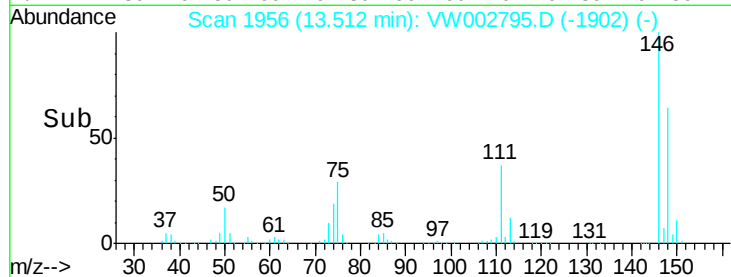
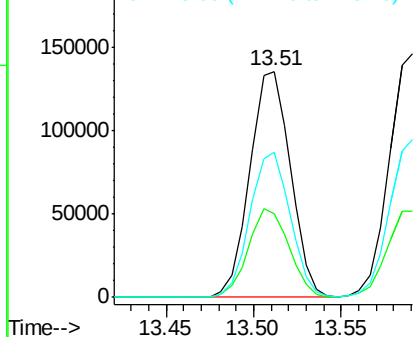
Lab File: VW002795.D

Acq: 22 May 2018 19:49

Tgt Ion:	146	Resp:	220066
Ion	Ratio	Lower	Upper
146	100		
111	36.9	26.7	49.5
148	64.1	44.3	82.3



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



#64

1,4-Dichlorobenzene

Concen: 23.70 ug/L

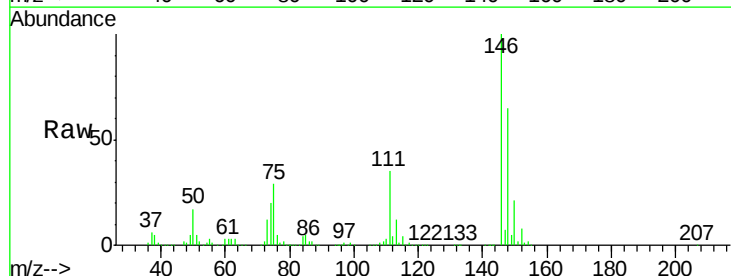
RT: 13.59 min Scan# 1969

Delta R.T. -0.00 min

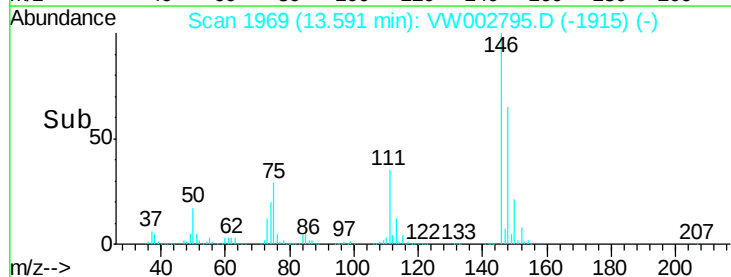
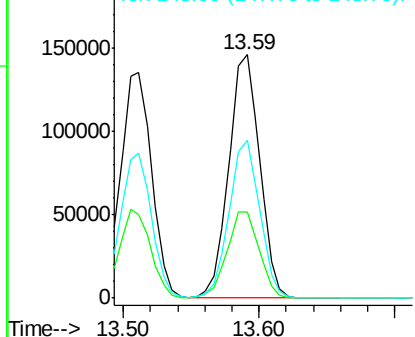
Lab File: VW002795.D

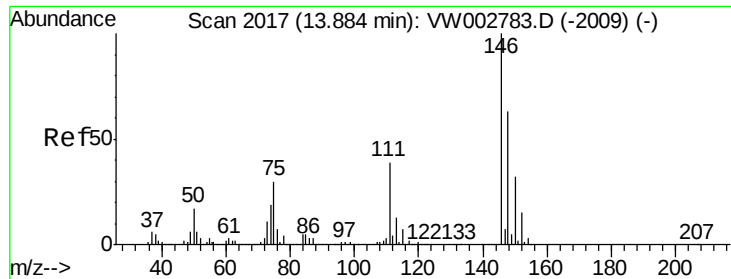
Acq: 22 May 2018 19:49

Tgt Ion:	146	Resp:	230942
Ion	Ratio	Lower	Upper
146	100		
111	35.4	25.6	47.4
148	65.0	43.2	80.2



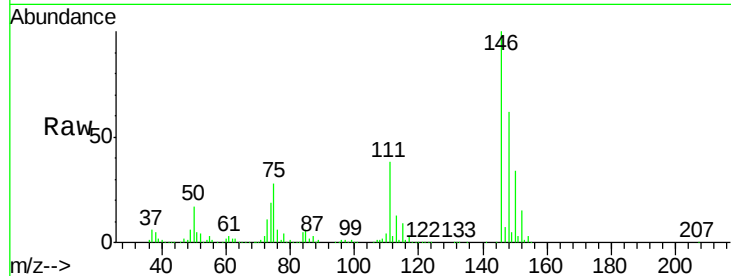
Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V



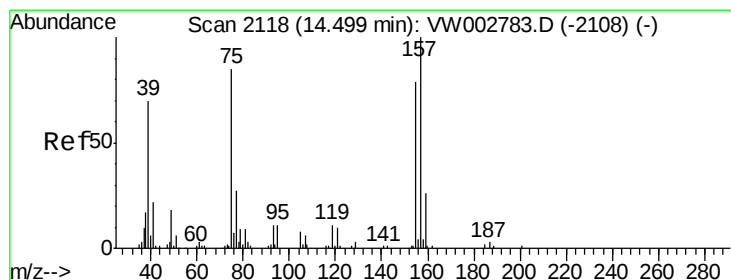
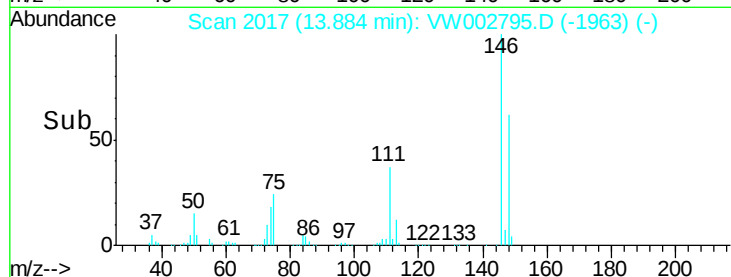
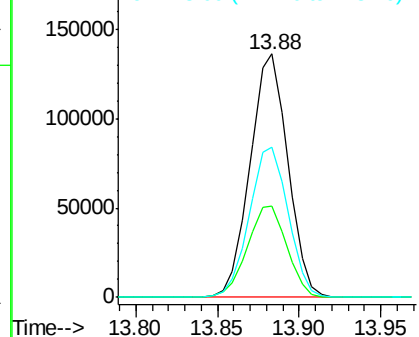


#65
 1,2-Dichlorobenzene
 Concen: 24.38 ug/L
 RT: 13.88 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: VW002795.D
 Acq: 22 May 2018 19:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	31.5	47.3
148	61.8	52.3	78.5

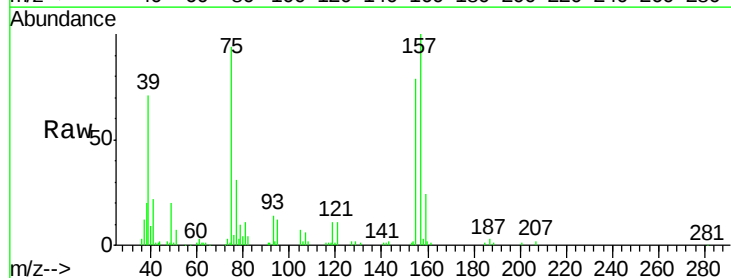


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

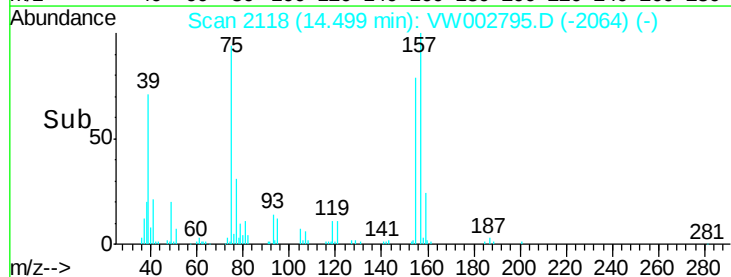
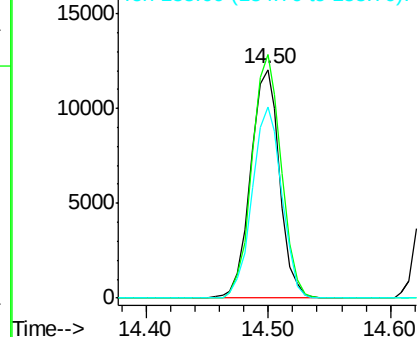


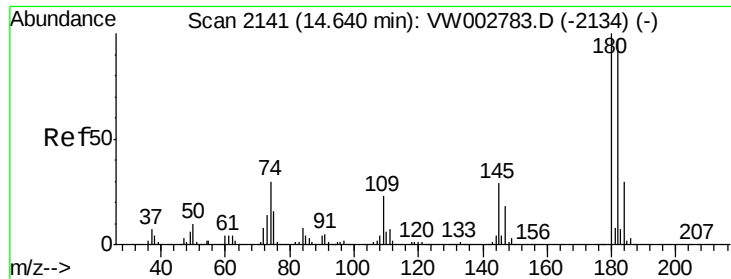
#66
 1,2-Dibromo-3-chloropropane
 Concen: 22.34 ug/L
 RT: 14.50 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VW002795.D
 Acq: 22 May 2018 19:49

Tgt Ion	Ratio	Lower	Upper
75	100		
157	106.5	87.6	131.4
155	83.8	66.2	99.4



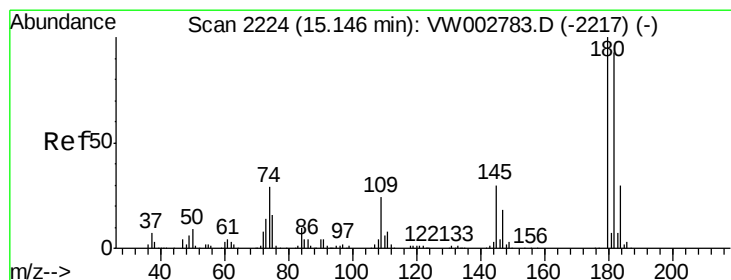
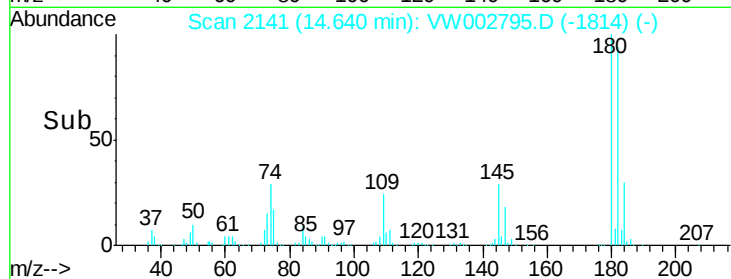
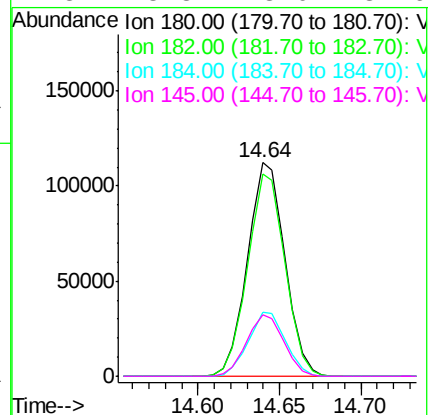
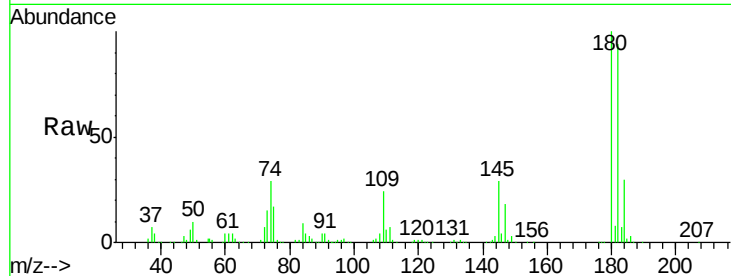
Abundance Ion 75.00 (74.70 to 75.70): VW
 Ion 157.00 (156.70 to 157.70): V
 Ion 155.00 (154.70 to 155.70): V





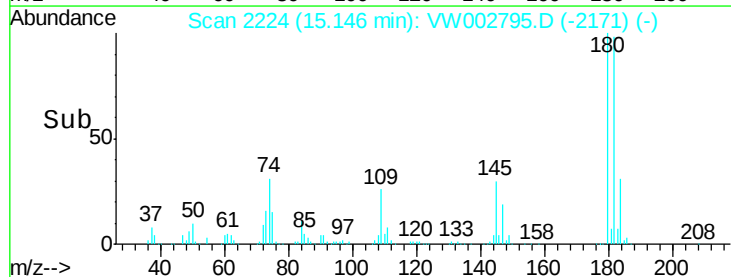
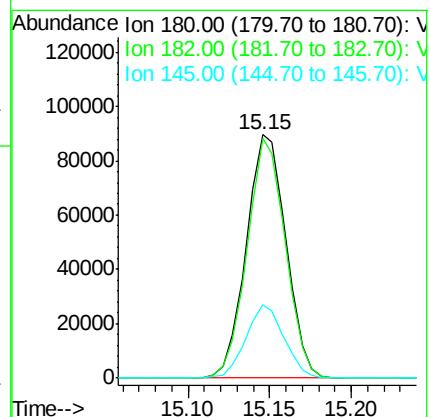
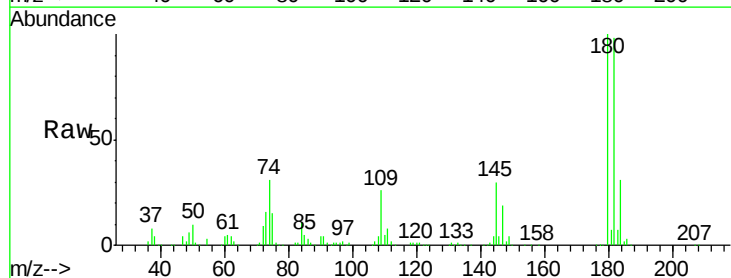
#67
 1,3,5-Trichlorobenzene
 Concen: 23.92 ug/L
 RT: 14.64 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: VW002795.D
 Acq: 22 May 2018 19:49

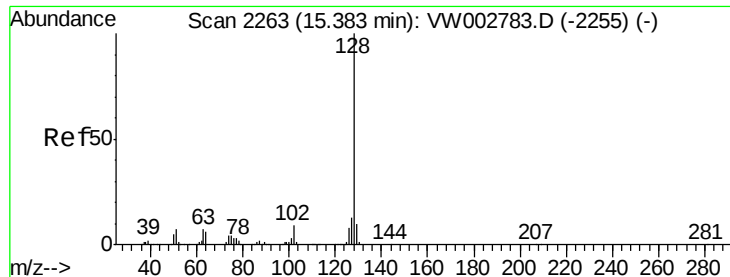
Tgt Ion:	180	Resp:	178965
Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.0	115.6
184	29.9	24.3	36.5
145	28.8	23.0	34.6



#68
 1,2,4-trichlorobenzene
 Concen: 24.15 ug/L
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: VW002795.D
 Acq: 22 May 2018 19:49

Tgt Ion:	180	Resp:	151886
Ion	Ratio	Lower	Upper
180	100		
182	94.7	74.6	112.0
145	28.9	23.1	34.7





#69

Naphthalene

Concen: 24.63 ug/L

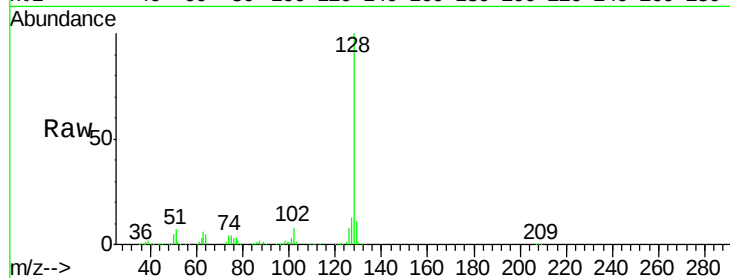
RT: 15.38 min Scan# 2263

Delta R.T. -0.00 min

Lab File: VW002795.D

Acq: 22 May 2018 19:49

Tgt Ion:	128	Resp:	313515
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.4	10.6	16.0

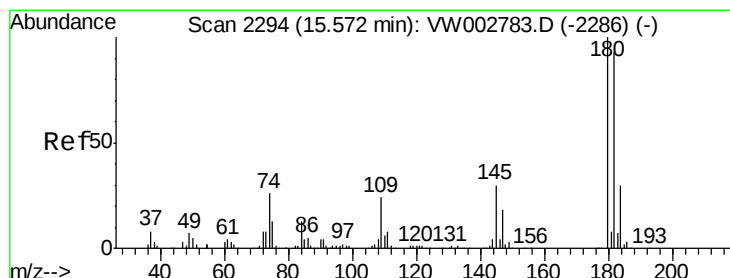
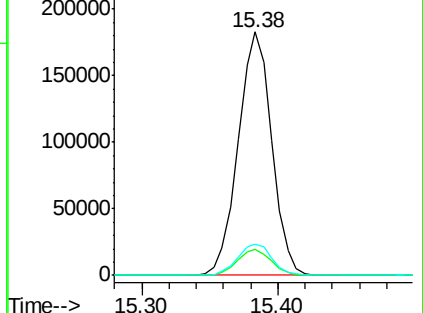
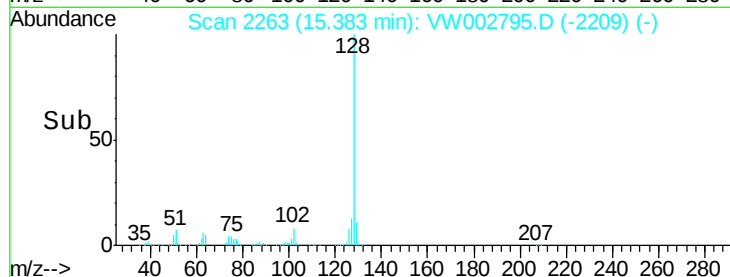


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

15.38



#70

1,2,3-Trichlorobenzene

Concen: 24.90 ug/L

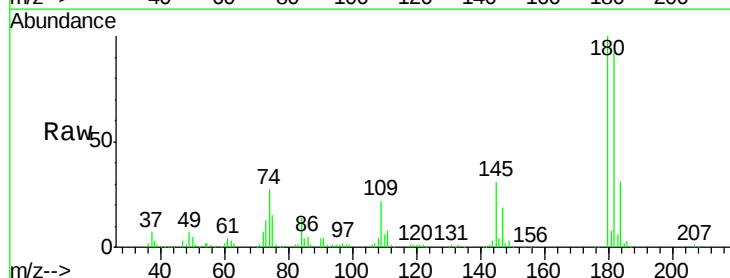
RT: 15.57 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VW002795.D

Acq: 22 May 2018 19:49

Tgt Ion:	180	Resp:	147092
Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.7	115.1
145	31.4	24.7	37.1



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

15.57

