

Data File : VW001879.D

Acq On : 05 Apr 2018 14:24

Operator : JC/SY

Sample : VSTD05084

Misc : 5.00G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD05084

Quant Time: Apr 05 14:57:43 2018

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040518S.M

Quant Title : VOC Analysis

QLast Update : Thu Apr 05 14:54:56 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	404938	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	393851	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	206208	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	251331	37.94	ug/L	0.00
7) Chloroethane-d5	2.88	69	190407	38.96	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	590536	42.67	ug/L	0.00
20) 2-Butanone-d5	7.09	46	152461	200.82	ug/L	0.00
24) Chloroform-d	7.65	84	514100	39.76	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	324722	42.63	ug/L	0.00
29) Benzene-d6	8.28	84	1063051	43.65	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	335330	41.76	ug/L	0.00
37) Toluene-d8	10.34	98	1027791	46.54	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	152572	46.12	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	182479	159.93	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.71	84	334495	48.47	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	362106	43.91	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	459894	51.35	ug/L	100
3) Chloromethane	2.22	50	408603	44.76	ug/L	100
5) Vinyl chloride	2.36	62	389325	51.07	ug/L	100
6) Bromomethane	2.76	94	174884	56.85	ug/L	100
8) Chloroethane	2.92	64	206336	50.08	ug/L	94
9) Trichlorofluoromethane	3.26	101	538245	48.94	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	329318	49.69	ug/L	99
12) 1,1-Dichloroethene	4.03	96	302230	51.47	ug/L	100
13) Acetone	4.13	43	171069	76.15	ug/L	99
14) Carbon disulfide	4.37	76	1056025	49.77	ug/L	100
15) Methyl Acetate	4.68	43	224533	58.94	ug/L	98
16) Methylene chloride	4.92	84	332676	39.92	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	746253	57.34	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	323040	52.46	ug/L	98
19) 1,1-Dichloroethane	6.22	63	599593	50.22	ug/L	98
21) 2-Butanone	7.18	43	297322	113.71	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	345944	55.08	ug/L	95
23) Bromochloromethane	7.52	128	149625	54.24	ug/L	96
25) Chloroform	7.68	83	636585	50.87	ug/L	99
27) 1,2-Dichloroethane	8.40	62	441520	50.00	ug/L	99
30) Cyclohexane	7.96	56	616009	62.27	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	533525	51.49	ug/L	99
32) Carbon tetrachloride	8.07	117	490280	52.05	ug/L	99
34) Benzene	8.33	78	1346042	52.77	ug/L	100
35) Trichloroethene	9.10	95	349051	51.14	ug/L	99
36) Methylcyclohexane	9.34	83	623189	58.23	ug/L	99
40) 1,2-Dichloropropane	9.38	63	351802	49.98	ug/L	100
41) Bromodichloromethane	9.65	83	437765	49.81	ug/L	100
42) cis-1,3-Dichloropropene	10.08	75	541725	57.21	ug/L	99
43) 4-Methyl-2-pentanone	10.22	43	647622	133.48	ug/L	99

Data File : VW001879.D
Acq On : 05 Apr 2018 14:24
Operator : JC/SY
Sample : VSTD05084
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD05084

Quant Time: Apr 05 14:57:43 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040518S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 05 14:54:56 2018
Response via : Initial Calibration

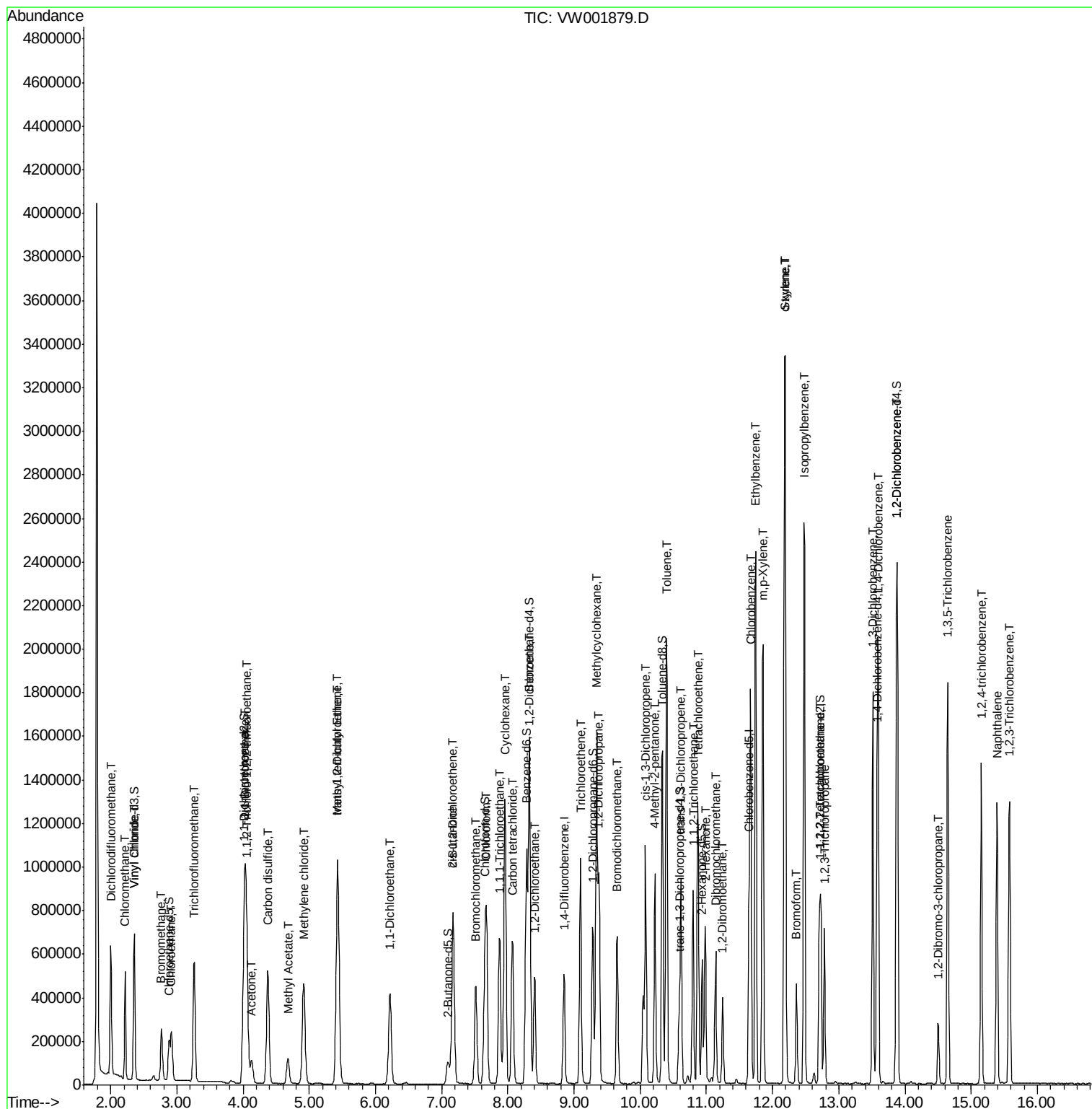
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.40	91	1477891	55.95	ug/L	100
45) trans-1,3-Dichloropropene	10.62	75	478040	56.50	ug/L	98
46) 1,1,2-Trichloroethane	10.80	97	265165	50.77	ug/L	98
47) Tetrachloroethene	10.87	164	281007	53.00	ug/L	99
49) 2-Hexanone	10.98	43	472752	134.18	ug/L	98
50) Dibromochloromethane	11.14	129	315162	52.32	ug/L	99
51) 1,2-Dibromoethane	11.24	107	254481	54.51	ug/L	100
52) Chlorobenzene	11.67	112	897087	51.93	ug/L	97
53) Ethylbenzene	11.74	91	1661862	57.31	ug/L	99
54) m,p-Xylene	11.85	106	619493	58.23	ug/L	98
55) o-xylene	12.18	106	575780	57.82	ug/L	95
56) Styrene	12.20	104	1004873	57.82	ug/L	99
57) Isopropylbenzene	12.48	105	1588455	59.54	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.73	83	368542	54.94	ug/L	96
59) 1,2,3-Trichloropropane	12.78	75	290762	56.03	ug/L	99
62) Bromoform	12.36	173	200773	52.88	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	687140	52.27	ug/L	99
64) 1,4-Dichlorobenzene	13.59	146	725794	50.42	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	672077	51.47	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.50	75	70642	54.37	ug/L	99
67) 1,3,5-Trichlorobenzene	14.65	180	541390	52.98	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	446839	56.05	ug/L	99
69) Naphthalene	15.39	128	1027042	65.60	ug/L	99
70) 1,2,3-Trichlorobenzene	15.58	180	427573	55.85	ug/L	97

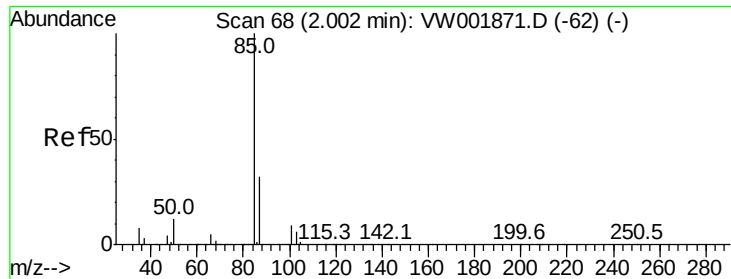
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW001879.D
Acq On : 05 Apr 2018 14:24
Operator : JC/SY
Sample : VSTD05084
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
Client Sample Id :
VSTD05084

Quant Time: Apr 05 14:57:43 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040518S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 05 14:54:56 2018
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 51.35 ug/L

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

Instrument :

MSVOA_W

ClientSampleId :

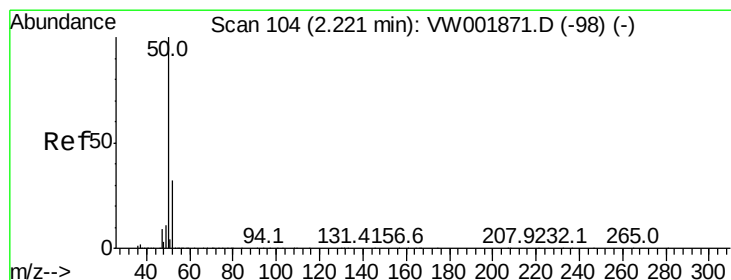
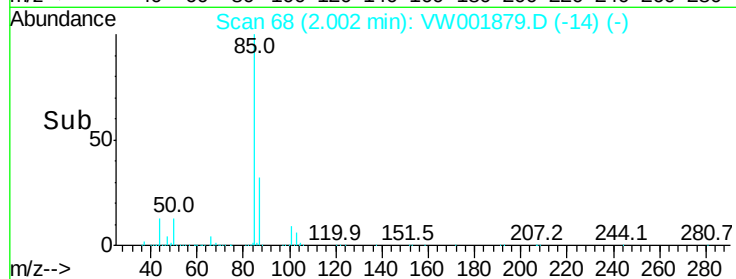
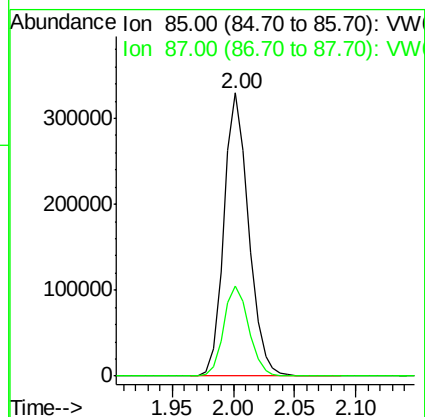
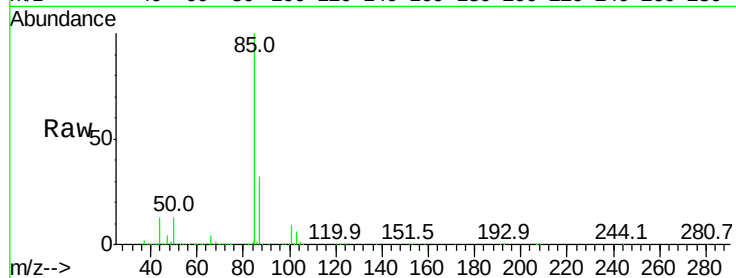
VSTD05084

Tgt Ion: 85 Resp: 459894

Ion Ratio Lower Upper

85 100

87 32.4 22.7 42.1



#3

Chloromethane

Concen: 44.76 ug/L

RT: 2.22 min Scan# 103

Delta R.T. -0.01 min

Lab File: VW001879.D

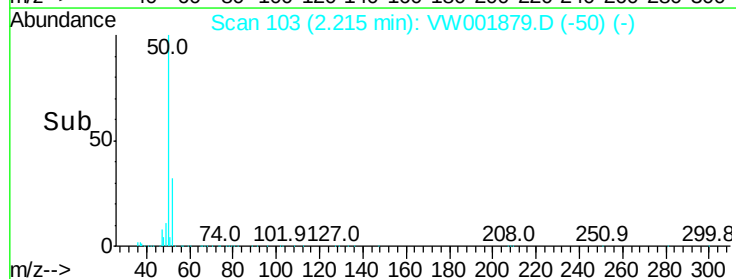
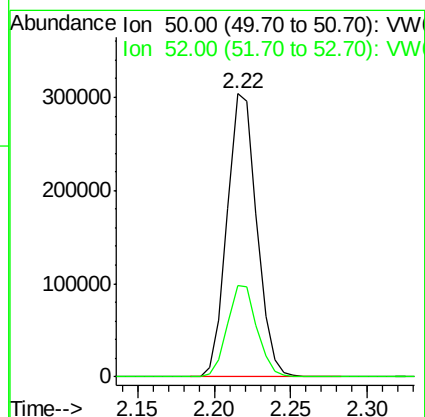
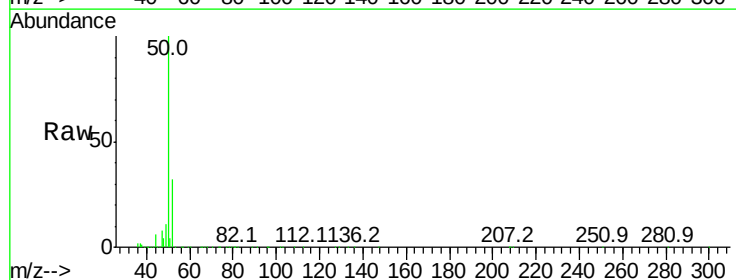
Acq: 05 Apr 2018 14:24

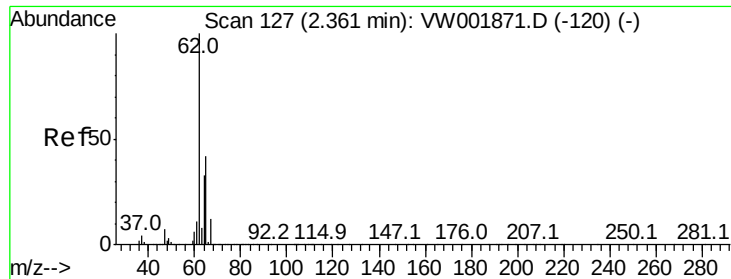
Tgt Ion: 50 Resp: 408603

Ion Ratio Lower Upper

50 100

52 32.4 22.6 42.0





#5

Vinyl chloride

Concen: 51.07 ug/L

RT: 2.36 min Scan# 127

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

Instrument :

MSVOA_W

ClientSampleId :

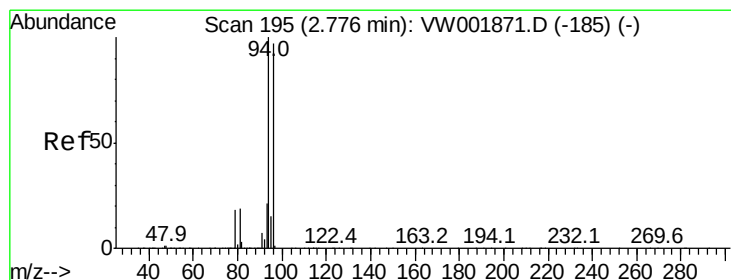
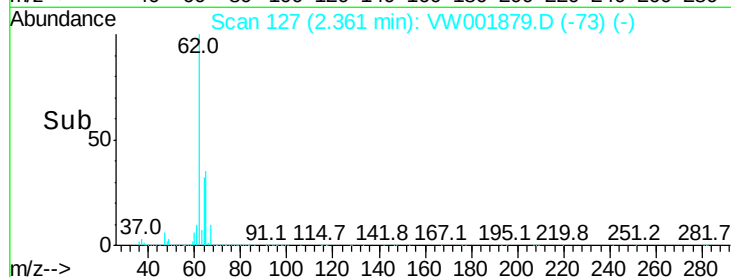
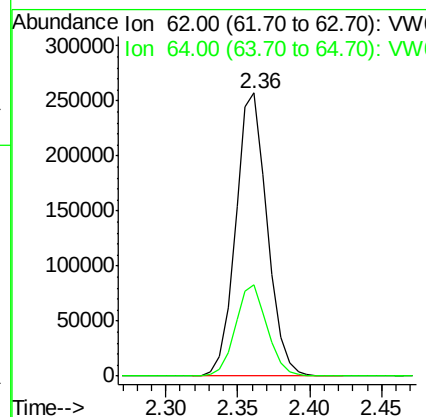
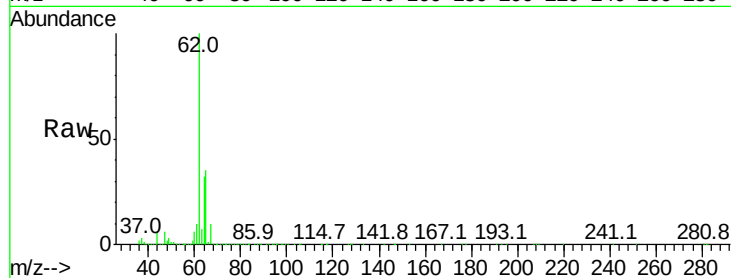
VSTD05084

Tgt Ion: 62 Resp: 389325

Ion Ratio Lower Upper

62 100

64 32.2 22.4 41.6



#6

Bromomethane

Concen: 56.85 ug/L

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW001879.D

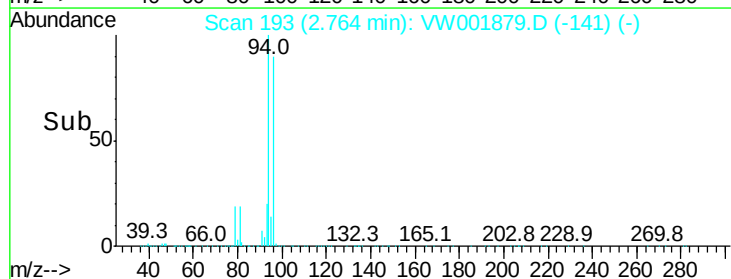
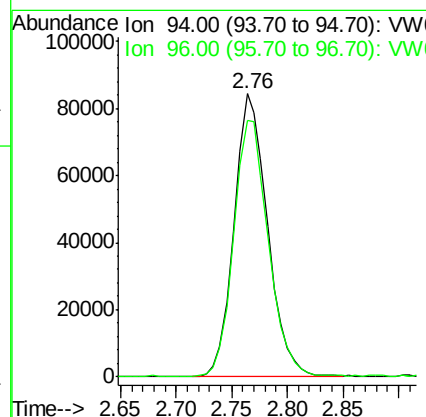
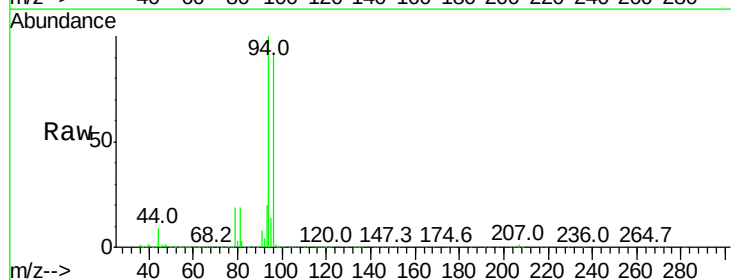
Acq: 05 Apr 2018 14:24

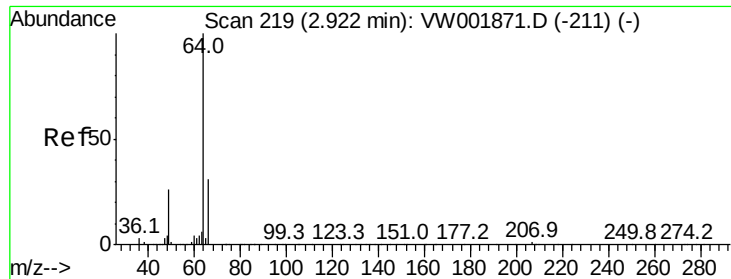
Tgt Ion: 94 Resp: 174884

Ion Ratio Lower Upper

94 100

96 94.3 9.4 179.5





#8

Chloroethane

Concen: 50.08 ug/L

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

Instrument :

MSVOA_W

ClientSampleId :

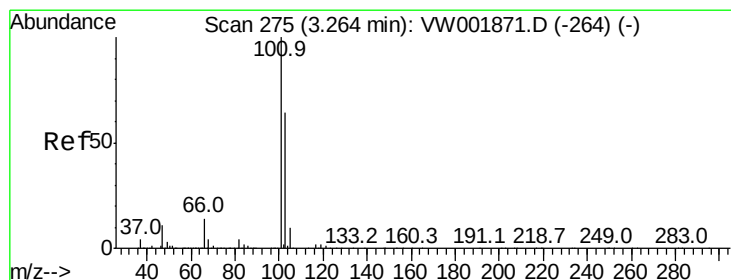
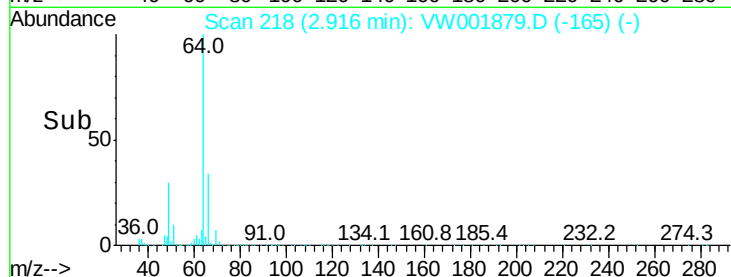
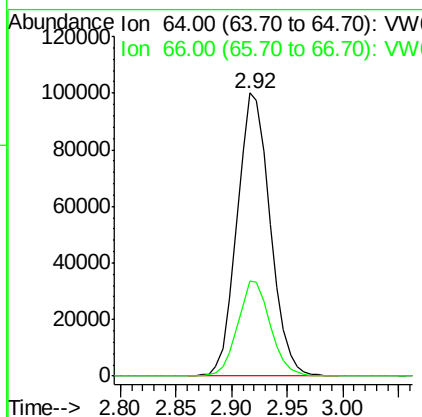
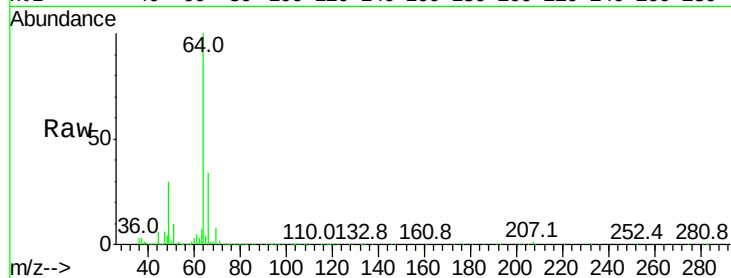
VSTD05084

Tgt Ion: 64 Resp: 206336

Ion Ratio Lower Upper

64 100

66 33.6 21.2 39.4



#9

Trichlorofluoromethane

Concen: 48.94 ug/L

RT: 3.26 min Scan# 274

Delta R.T. -0.01 min

Lab File: VW001879.D

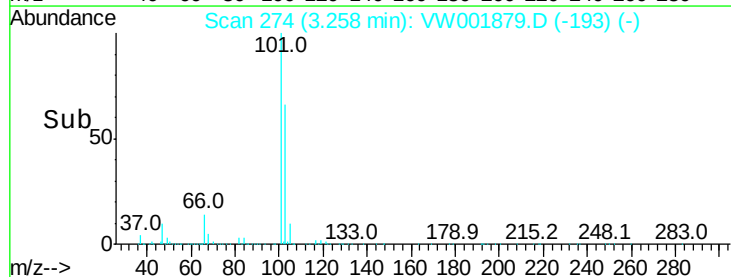
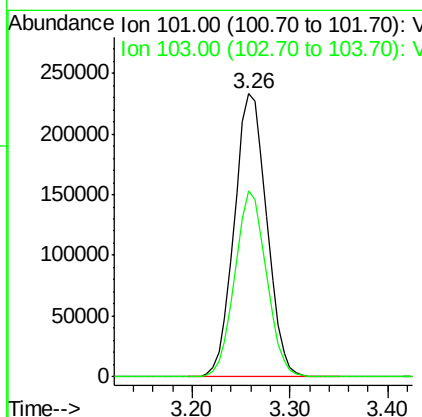
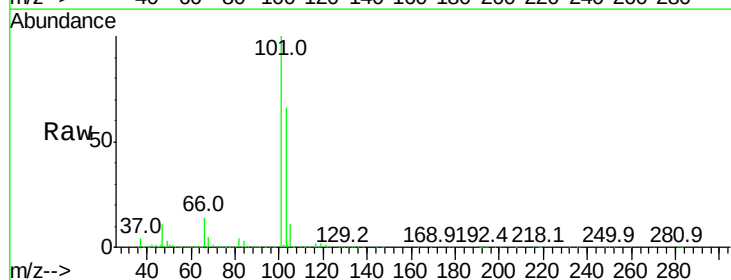
Acq: 05 Apr 2018 14:24

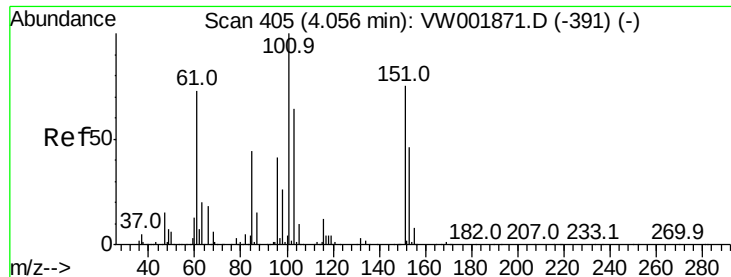
Tgt Ion: 101 Resp: 538245

Ion Ratio Lower Upper

101 100

103 63.9 44.8 83.2





#11

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

Concen: 49.69 ug/L

RT: 4.06 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD05084

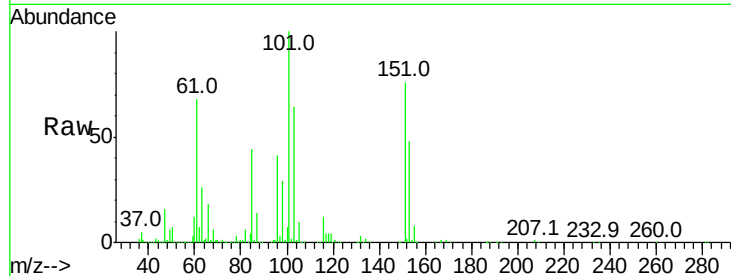
Tgt Ion: 101 Resp: 329318

Ion Ratio Lower Upper

101 100

85 44.5 35.8 53.6

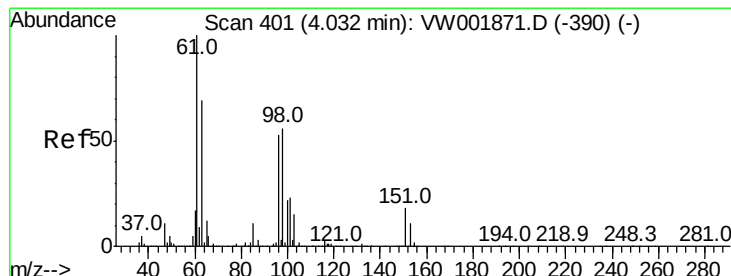
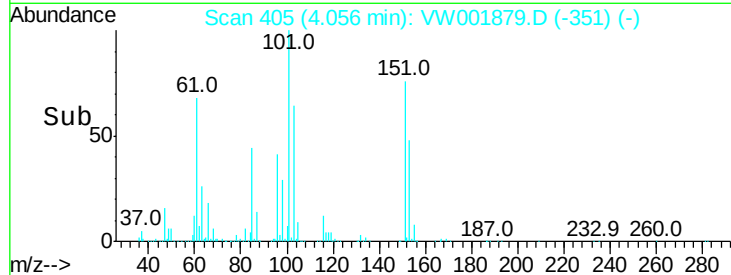
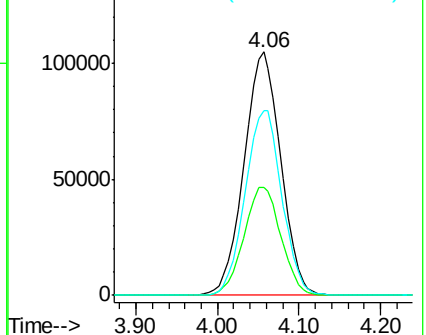
151 75.8 59.6 89.4



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: 51.47 ug/L

RT: 4.03 min Scan# 401

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

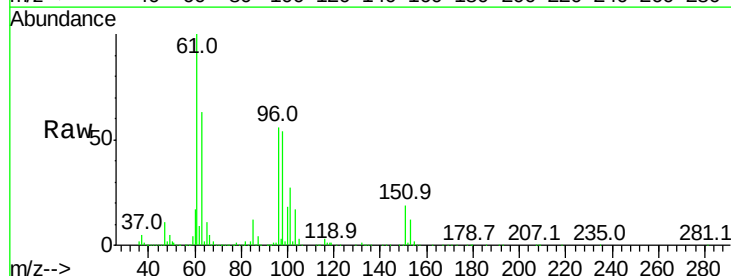
Tgt Ion: 96 Resp: 302230

Ion Ratio Lower Upper

96 100

61 177.8 124.6 231.4

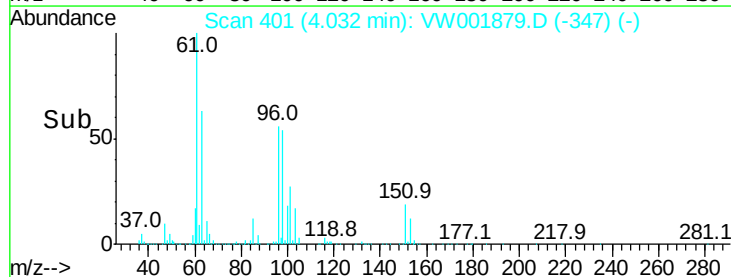
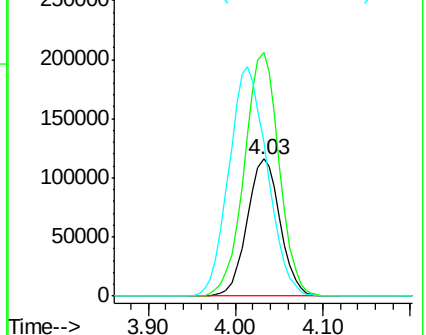
63 112.8 79.0 146.6

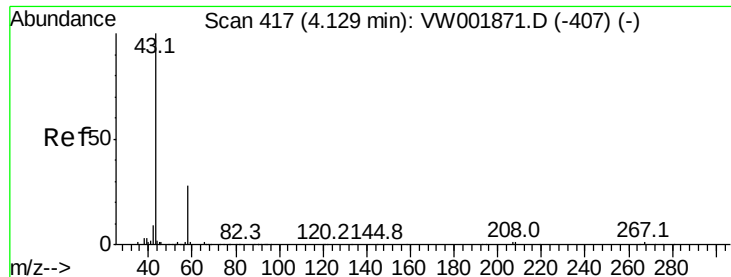


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 76.15 ug/L

RT: 4.13 min Scan# 417

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

Instrument :

MSVOA_W

ClientSampleId :

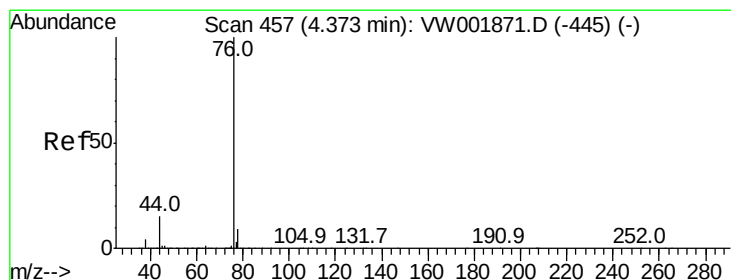
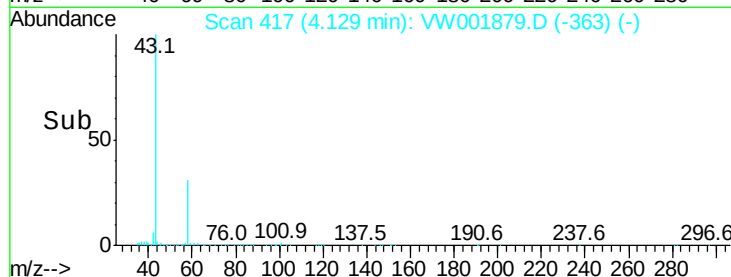
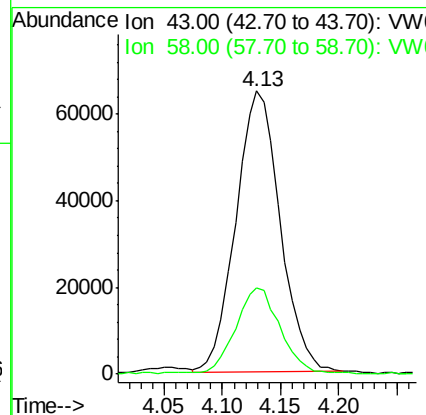
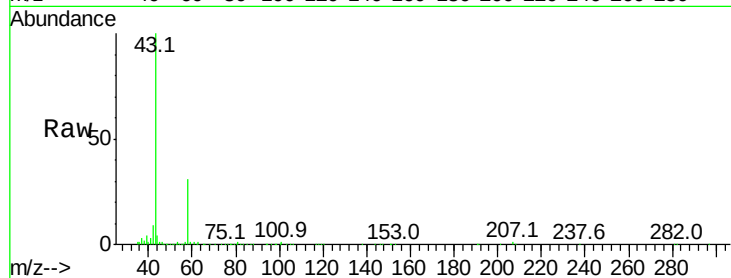
VSTD05084

Tgt Ion: 43 Resp: 171069

Ion Ratio Lower Upper

43 100

58 30.6 0.0 60.6



#14

Carbon disulfide

Concen: 49.77 ug/L

RT: 4.37 min Scan# 457

Delta R.T. -0.00 min

Lab File: VW001879.D

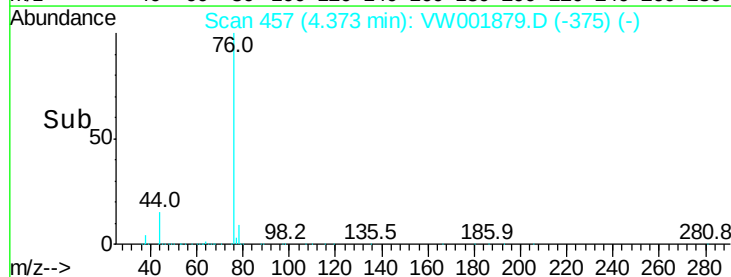
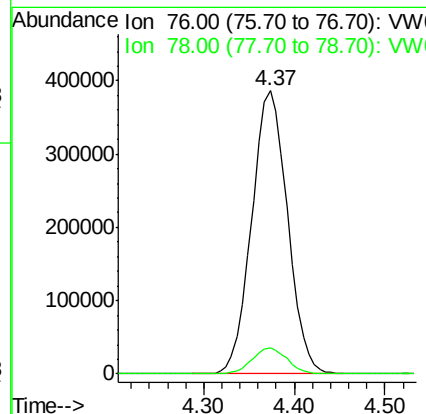
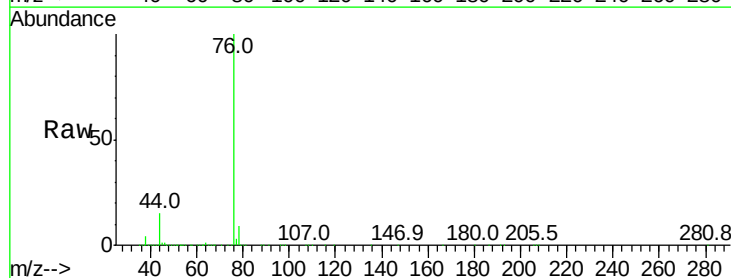
Acq: 05 Apr 2018 14:24

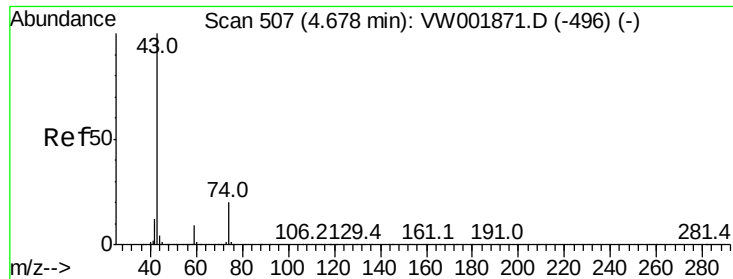
Tgt Ion: 76 Resp: 1056025

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

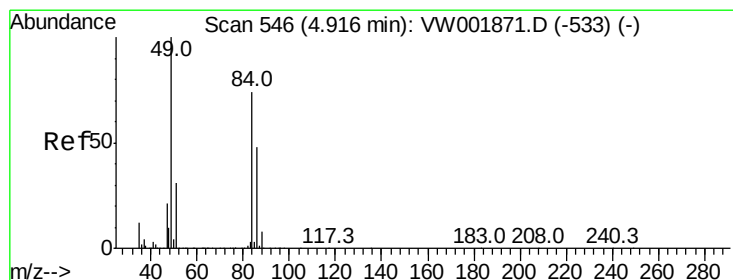
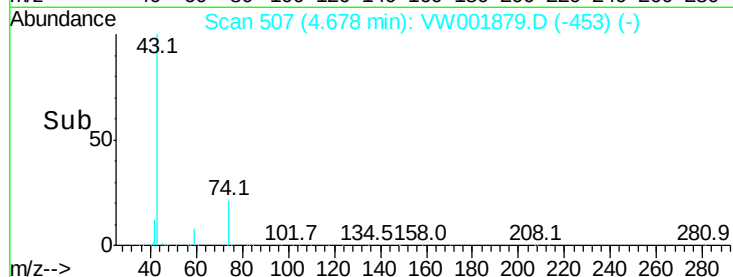
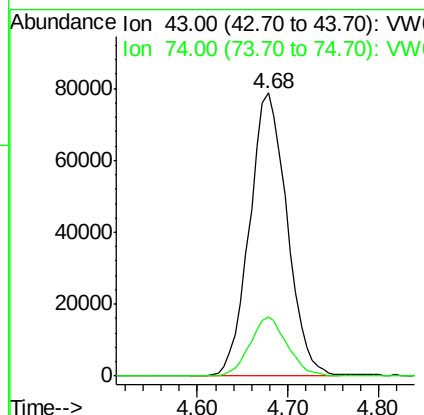
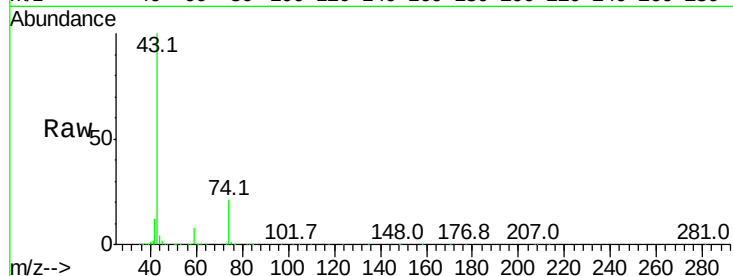




#15
Methyl Acetate
Concen: 58.94 ug/L
RT: 4.68 min Scan# 507
Delta R.T. -0.00 min
Lab File: VW001879.D
Acq: 05 Apr 2018 14:24

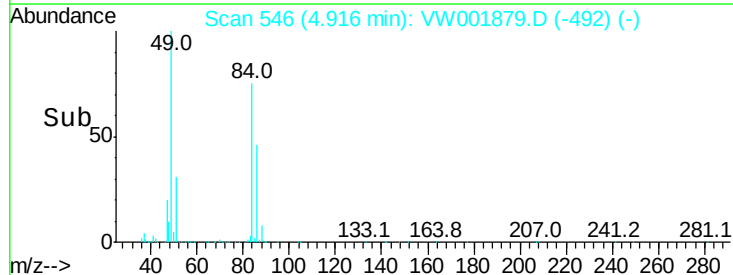
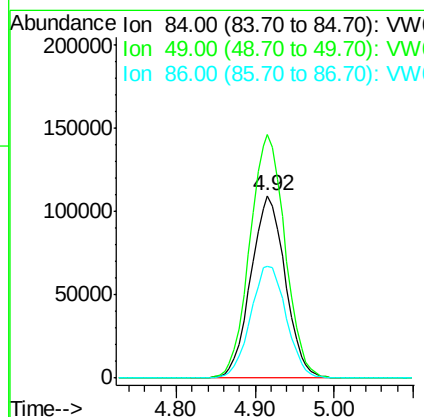
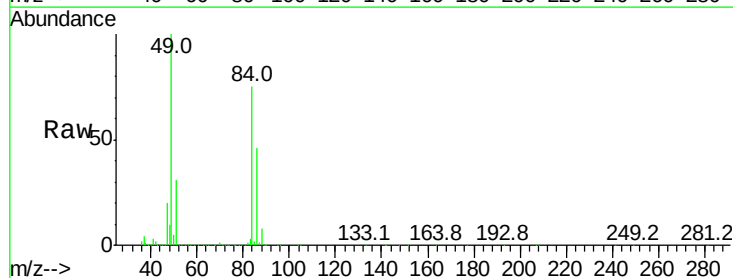
Instrument :
MSVOA_W
ClientSampleId :
VSTD05084

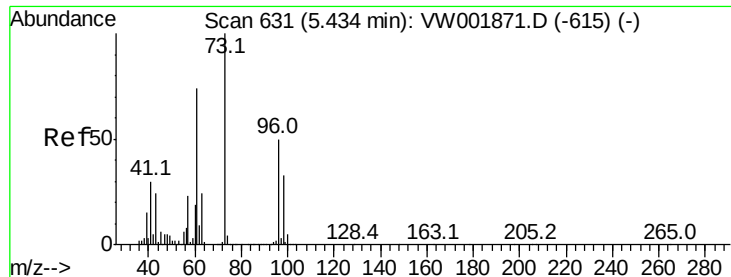
Tgt Ion: 43 Resp: 224533
Ion Ratio Lower Upper
43 100
74 20.8 15.9 23.9



#16
Methylene chloride
Concen: 39.92 ug/L
RT: 4.92 min Scan# 546
Delta R.T. -0.00 min
Lab File: VW001879.D
Acq: 05 Apr 2018 14:24

Tgt Ion: 84 Resp: 332676
Ion Ratio Lower Upper
84 100
49 133.4 93.8 174.2
86 61.4 44.4 82.4

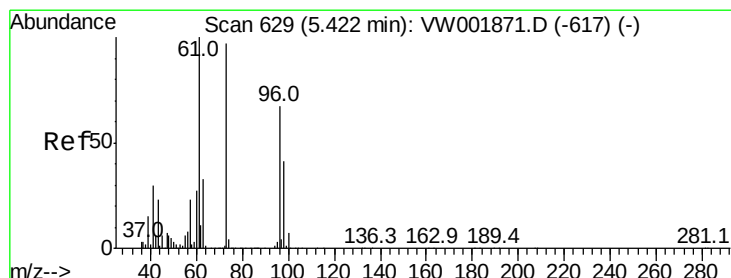
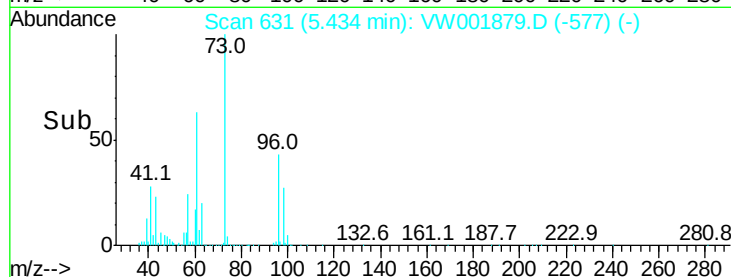
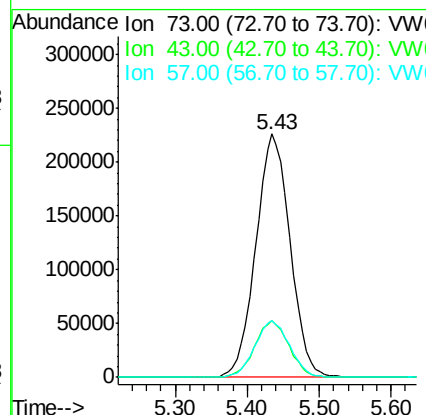
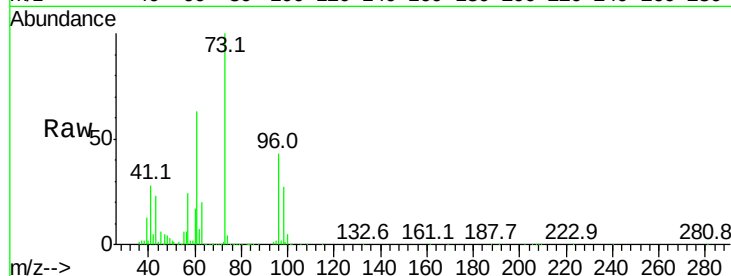




#17
Methyl tert-butyl Ether
Concen: 57.34 ug/L
RT: 5.43 min Scan# 631
Delta R.T. -0.00 min
Lab File: VW001879.D
Acq: 05 Apr 2018 14:24

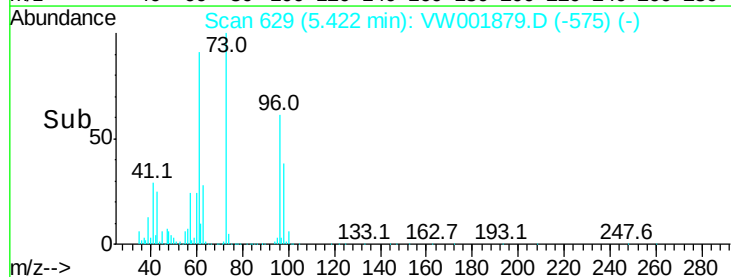
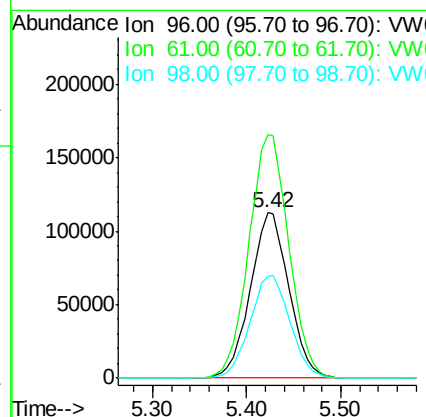
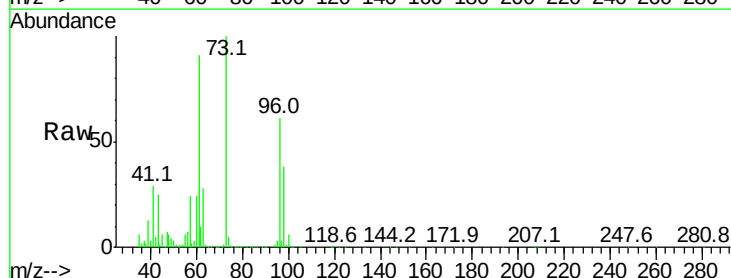
Instrument :
MSVOA_W
ClientSampleId :
VSTD05084

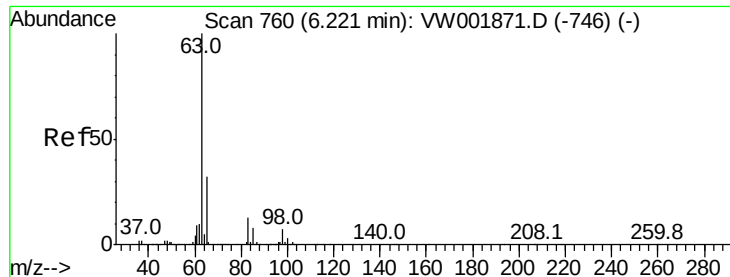
Tgt Ion	Ratio	Lower	Upper
73	100		
43	23.1	19.1	28.7
57	23.5	19.5	29.3



#18
trans-1,2-Dichloroethene
Concen: 52.46 ug/L
RT: 5.42 min Scan# 629
Delta R.T. -0.00 min
Lab File: VW001879.D
Acq: 05 Apr 2018 14:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.6	104.8	194.6
98	61.9	44.2	82.2

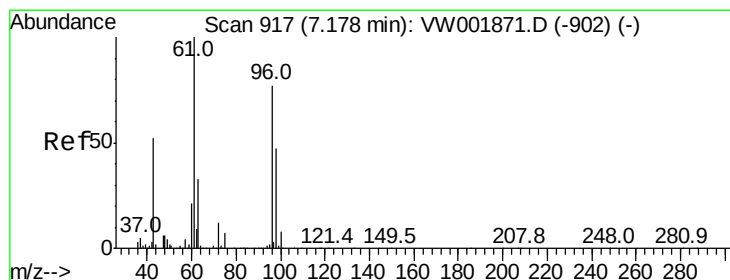
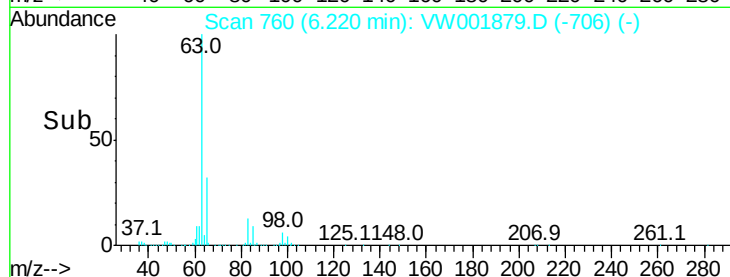
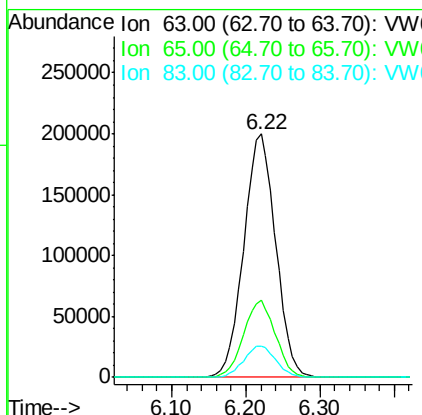
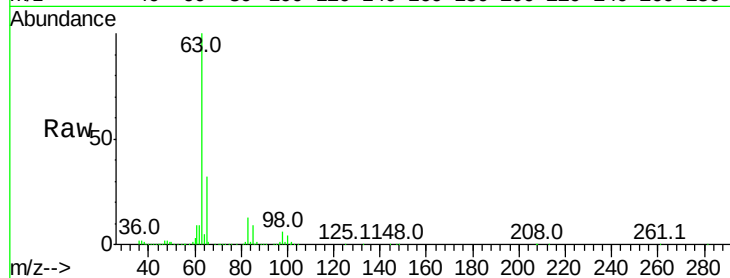




#19
 1,1-Dichloroethane
 Concen: 50.22 ug/L
 RT: 6.22 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: VW001879.D
 Acq: 05 Apr 2018 14:24

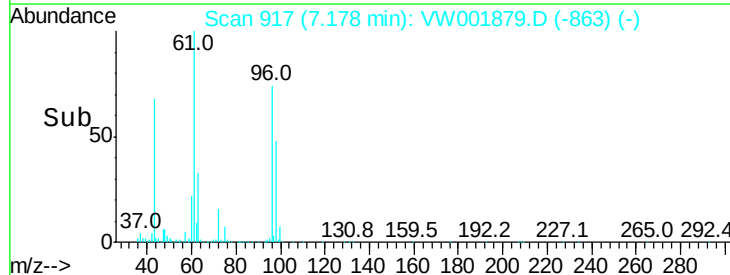
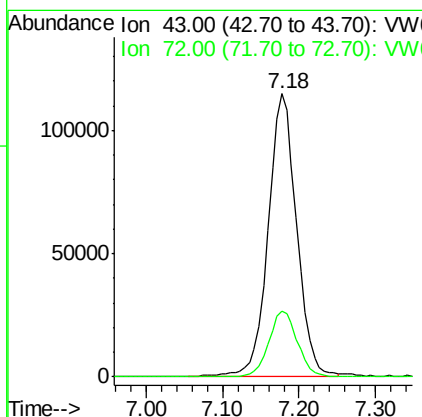
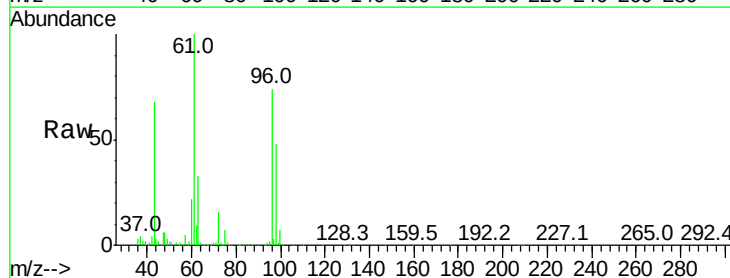
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05084

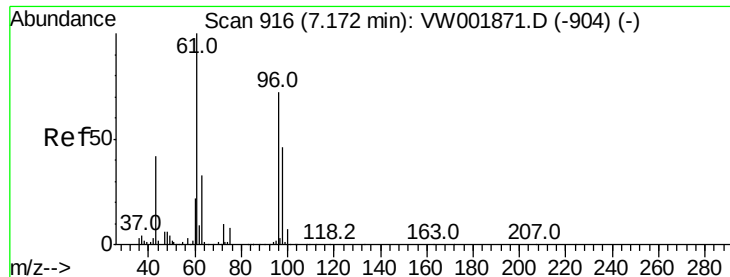
Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.7	21.3	39.5
83	12.9	9.0	16.8



#21
 2-Butanone
 Concen: 113.71 ug/L
 RT: 7.18 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: VW001879.D
 Acq: 05 Apr 2018 14:24

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.8	10.9	32.7



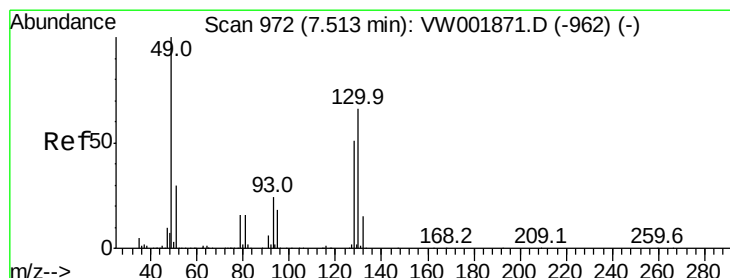
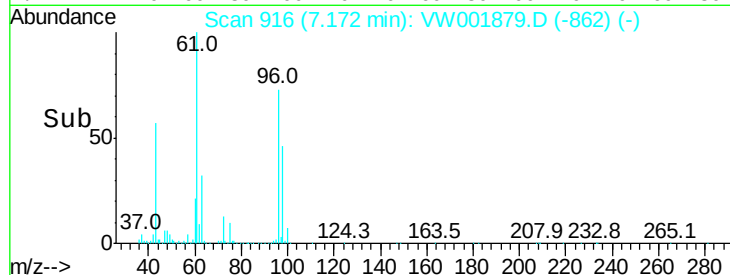
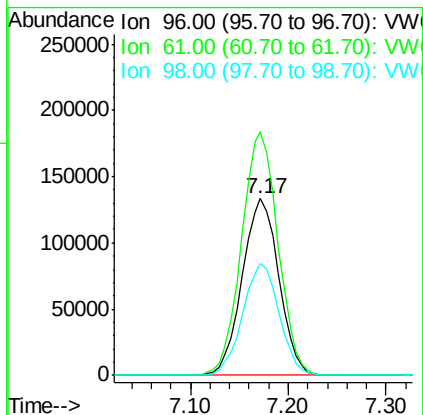
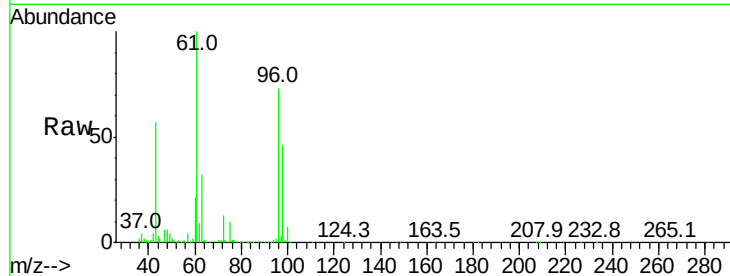


#22

cis-1,2-Dichloroethene
 Concen: 55.08 ug/L
 RT: 7.17 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: VW001879.D
 Acq: 05 Apr 2018 14:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05084

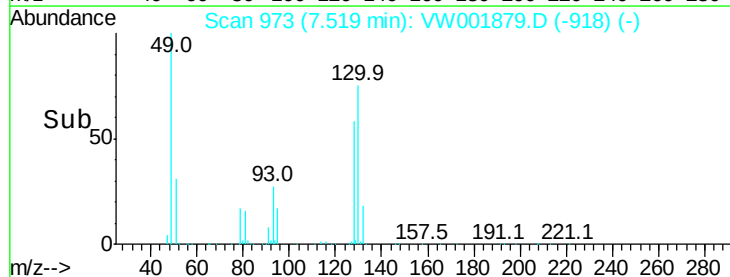
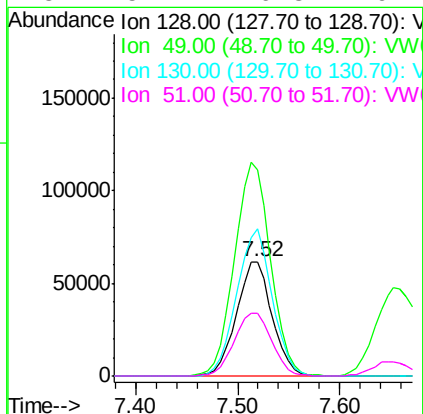
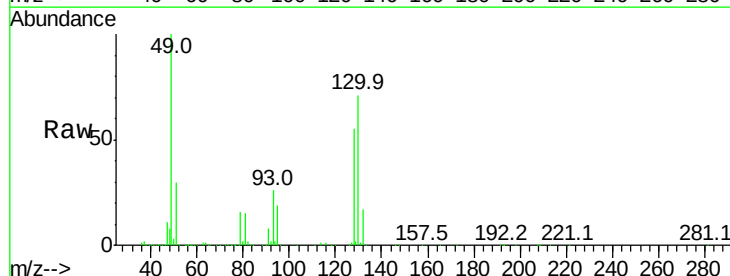
Tgt Ion: 96 Resp: 345944
 Ion Ratio Lower Upper
 96 100
 61 137.8 101.0 187.6
 98 63.5 47.2 87.6

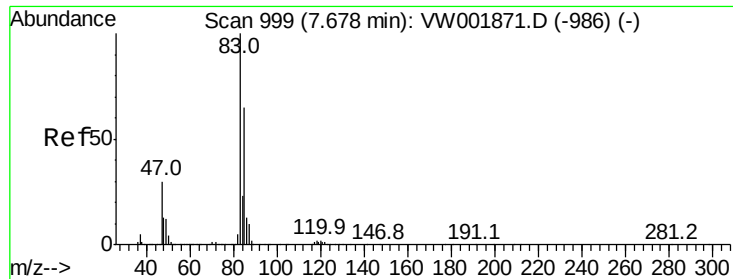


#23

Bromochloromethane
 Concen: 54.24 ug/L
 RT: 7.52 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: VW001879.D
 Acq: 05 Apr 2018 14:24

Tgt Ion: 128 Resp: 149625
 Ion Ratio Lower Upper
 128 100
 49 180.7 130.2 241.8
 130 128.8 92.4 171.6
 51 54.4 46.8 70.2

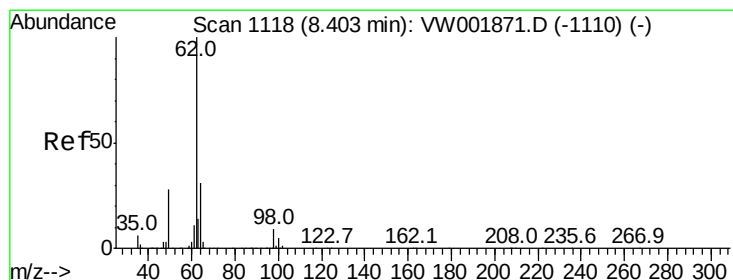
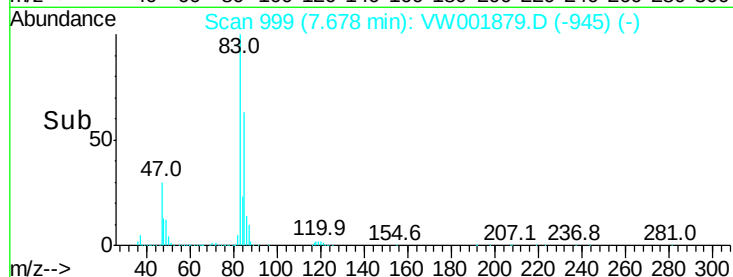
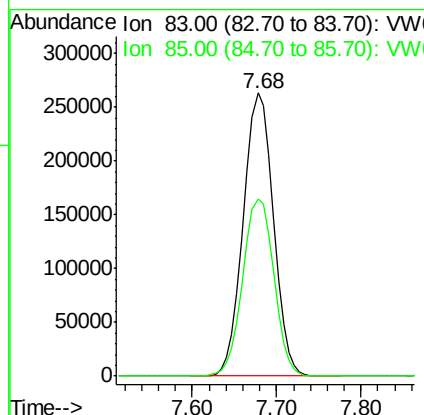
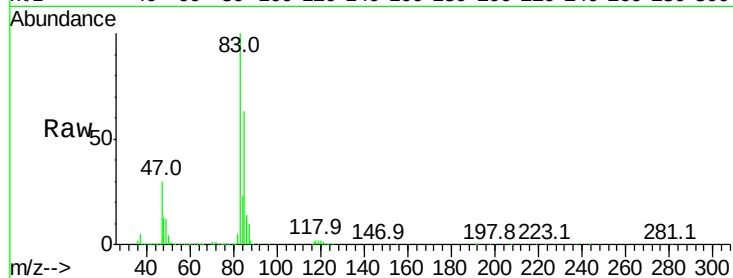




#25
Chloroform
Concen: 50.87 ug/L
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW001879.D
Acq: 05 Apr 2018 14:24

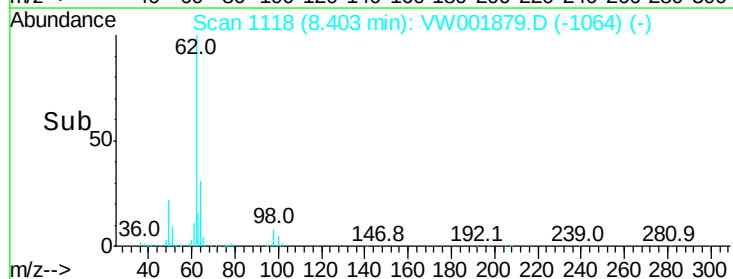
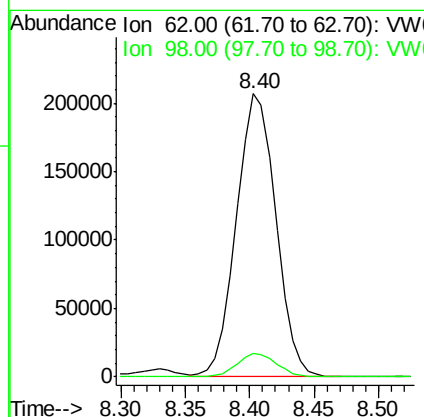
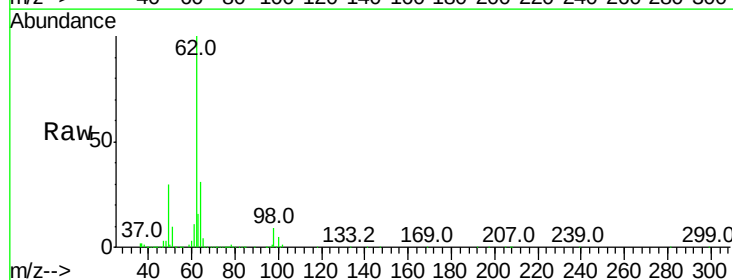
Instrument :
MSVOA_W
ClientSampleId :
VSTD05084

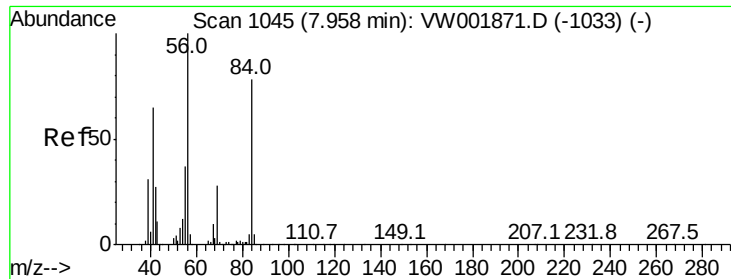
Tgt Ion: 83 Resp: 636585
Ion Ratio Lower Upper
83 100
85 64.9 46.1 85.5



#27
1,2-Dichloroethane
Concen: 50.00 ug/L
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW001879.D
Acq: 05 Apr 2018 14:24

Tgt Ion: 62 Resp: 441520
Ion Ratio Lower Upper
62 100
98 8.5 7.1 10.7

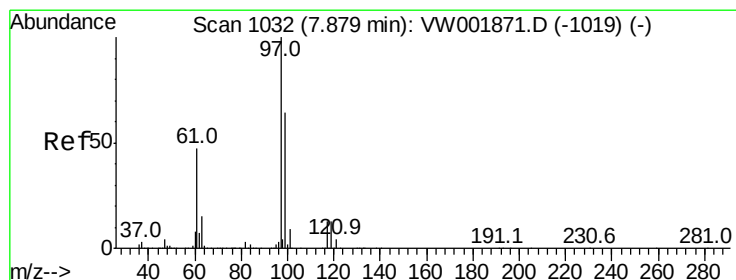
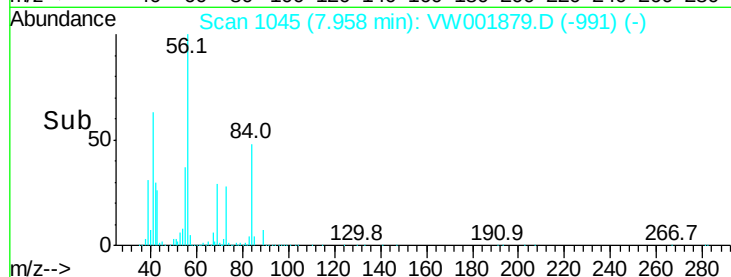
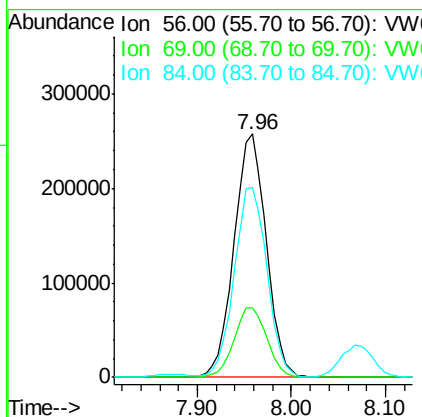
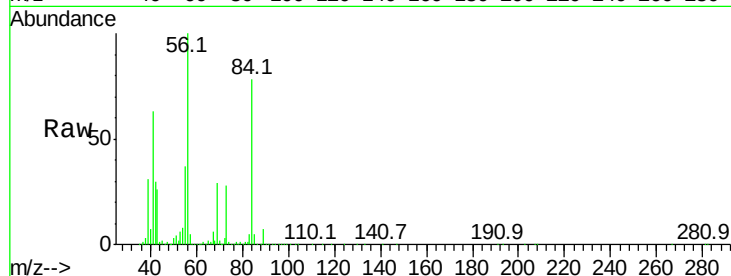




#30
Cyclohexane
Concen: 62.27 ug/L
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW001879.D
Acq: 05 Apr 2018 14:24

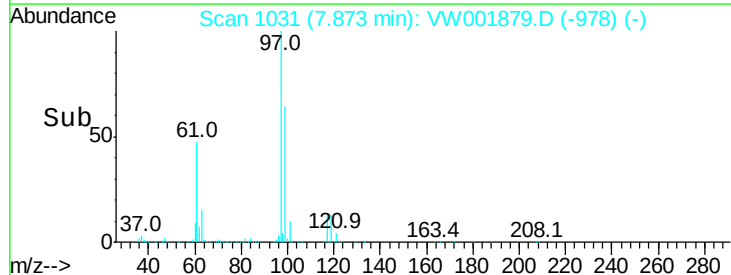
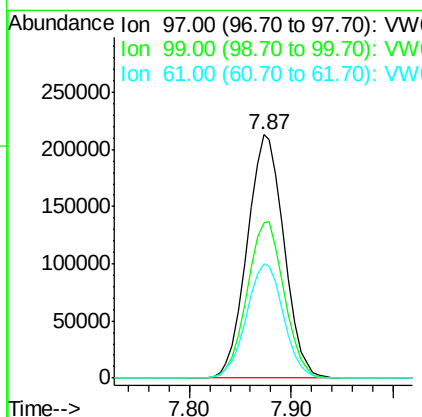
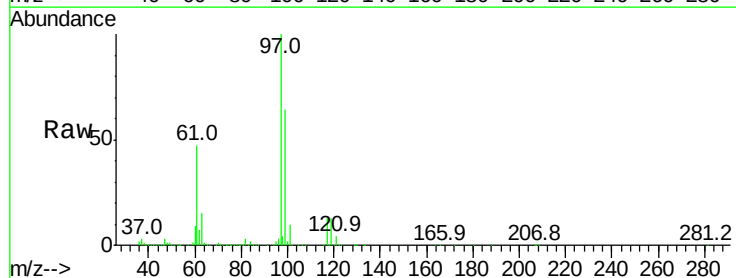
Instrument :
MSVOA_W
ClientSampleId :
VSTD05084

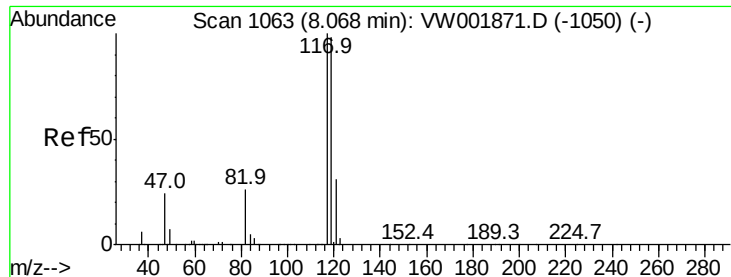
Tgt Ion: 56 Resp: 616009
Ion Ratio Lower Upper
56 100
69 29.1 23.4 35.0
84 79.3 63.1 94.7



#31
1,1,1-Trichloroethane
Concen: 51.49 ug/L
RT: 7.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VW001879.D
Acq: 05 Apr 2018 14:24

Tgt Ion: 97 Resp: 533525
Ion Ratio Lower Upper
97 100
99 64.7 51.7 77.5
61 47.3 38.5 57.7





#32

Carbon tetrachloride

Concen: 52.05 ug/L

RT: 8.07 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

Instrument :

MSVOA_W

ClientSampleId :

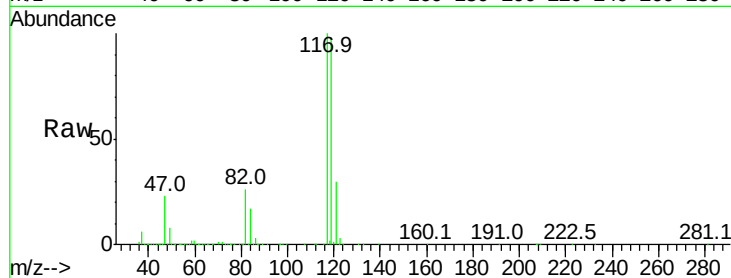
VSTD05084

Tgt Ion:117 Resp: 490280

Ion Ratio Lower Upper

117 100

119 95.5 77.4 116.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

8.07

200000

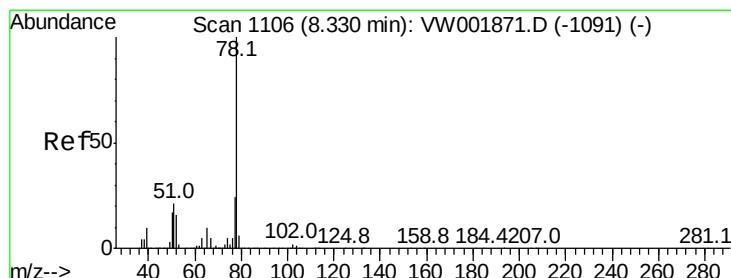
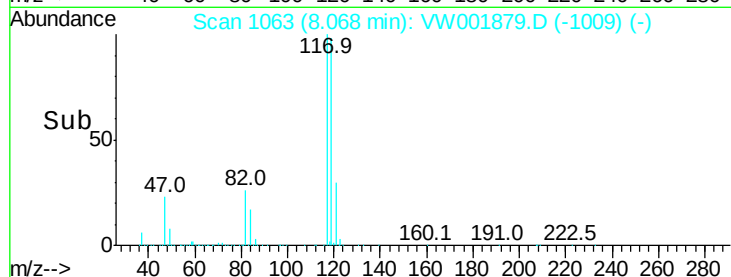
150000

100000

50000

0

Time--> 8.00 8.10 8.20



#34

Benzene

Concen: 52.77 ug/L

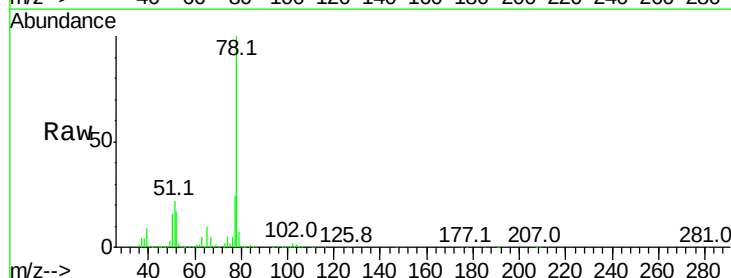
RT: 8.33 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

Tgt Ion: 78 Resp: 1346042



Abundance Ion 78.00 (77.70 to 78.70): VW

8.33

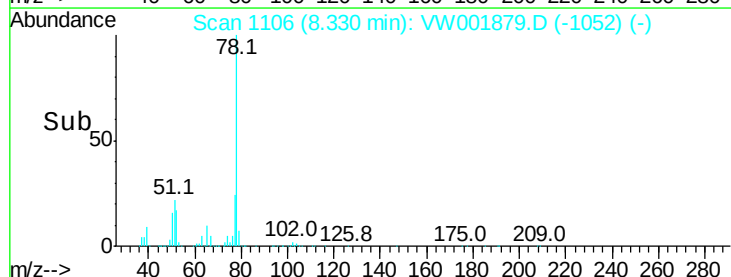
600000

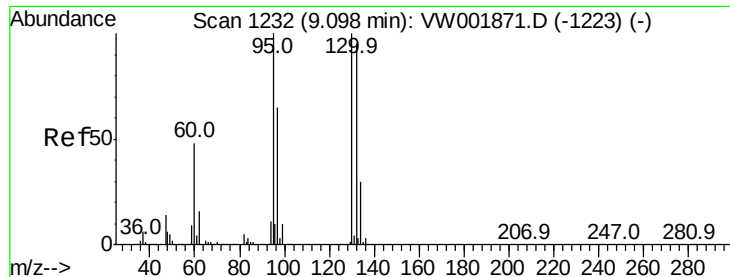
400000

200000

0

Time--> 8.20 8.30 8.40





#35

Trichloroethene

Concen: 51.14 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD05084

Tgt Ion: 95 Resp: 349051

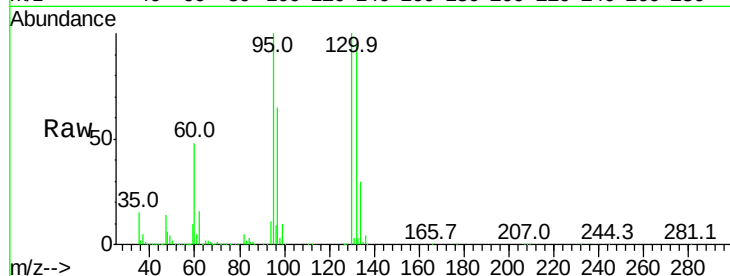
Ion Ratio Lower Upper

95 100

97 64.4 44.6 82.8

132 94.1 65.2 121.0

130 97.6 68.0 126.2

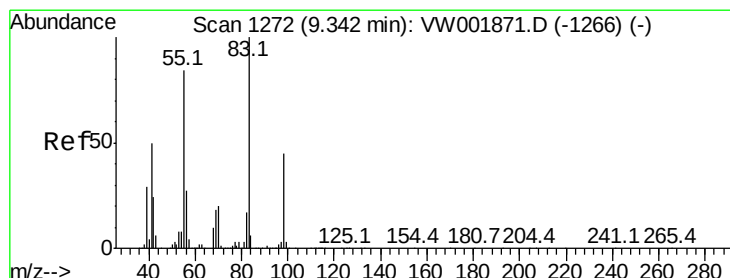
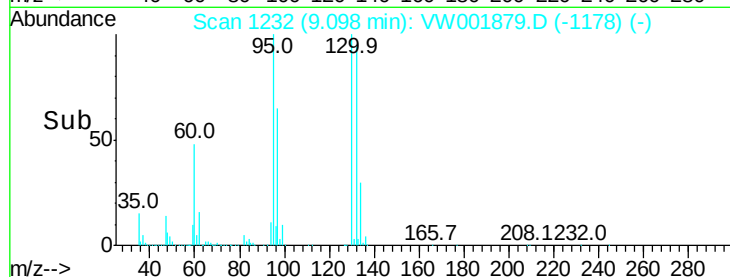
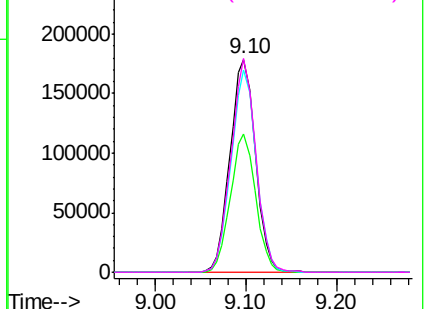


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36

Methylcyclohexane

Concen: 58.23 ug/L

RT: 9.34 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

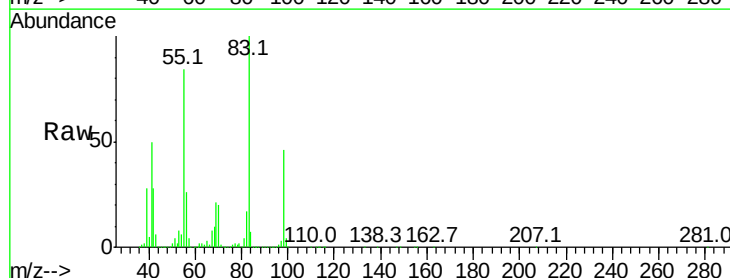
Tgt Ion: 83 Resp: 623189

Ion Ratio Lower Upper

83 100

55 83.2 67.7 101.5

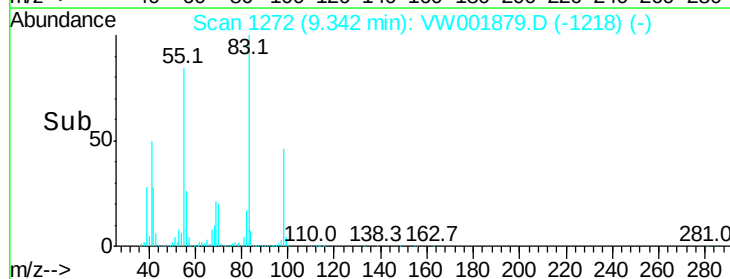
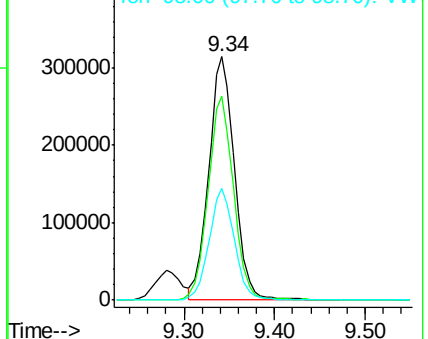
98 45.3 36.8 55.2

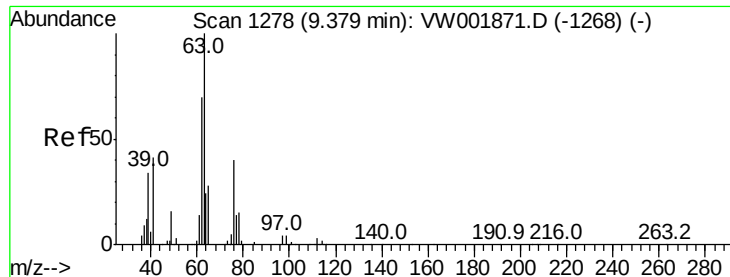


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 49.98 ug/L

RT: 9.38 min Scan# 1278

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

Instrument :

MSVOA_W

ClientSampleId :

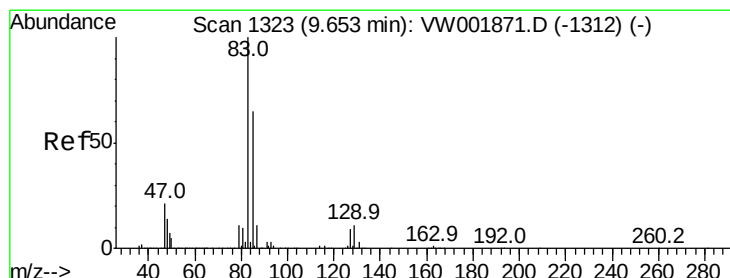
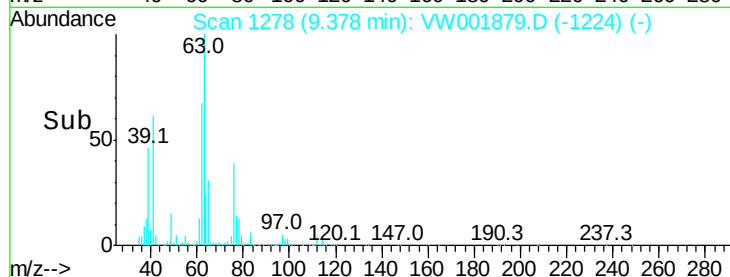
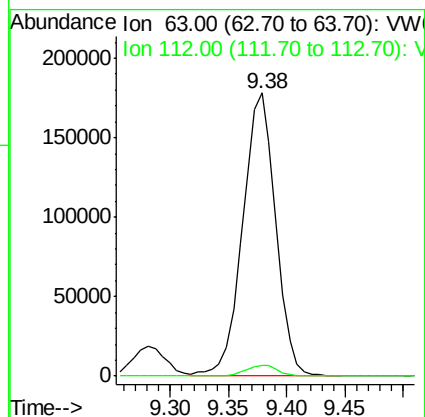
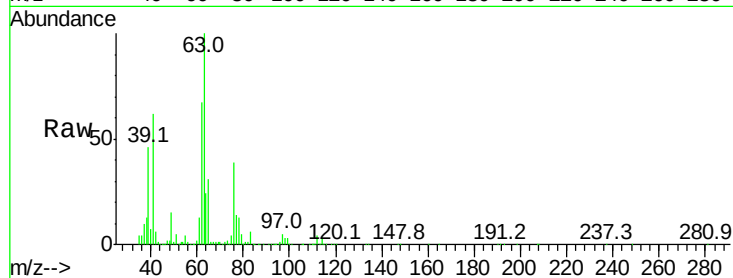
VSTD05084

Tgt Ion: 63 Resp: 351802

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.6



#41

Bromodichloromethane

Concen: 49.81 ug/L

RT: 9.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

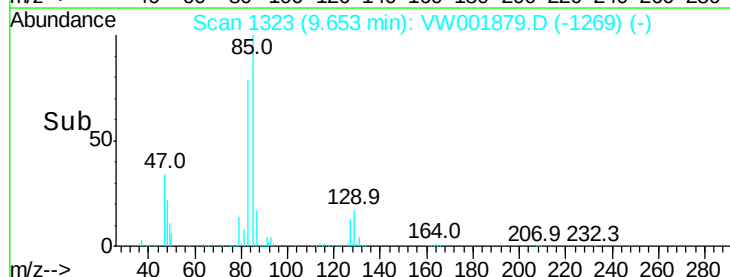
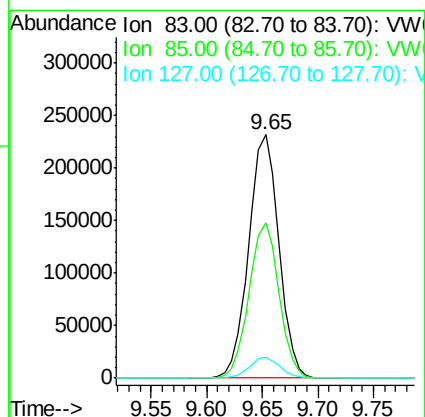
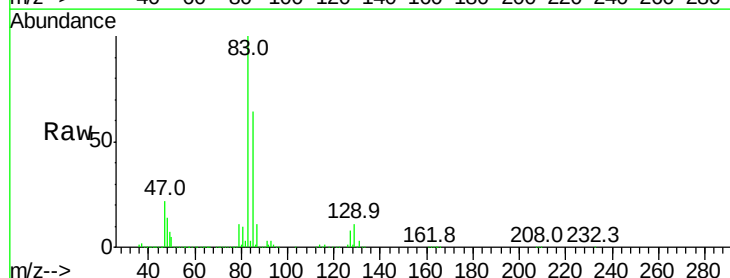
Tgt Ion: 83 Resp: 437765

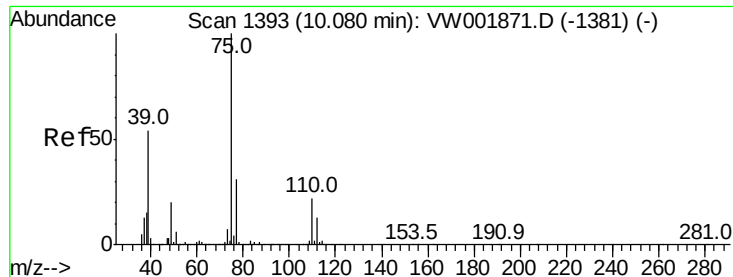
Ion Ratio Lower Upper

83 100

85 63.7 44.5 82.7

127 8.4 6.6 9.8





#42

cis-1,3-Dichloropropene

Concen: 57.21 ug/L

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

Instrument :

MSVOA_W

ClientSampleId :

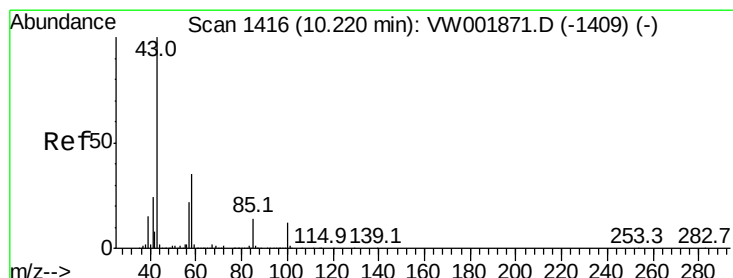
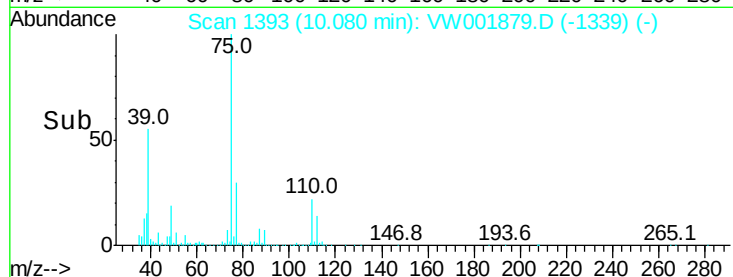
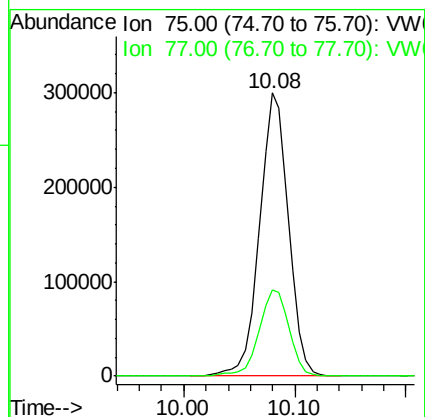
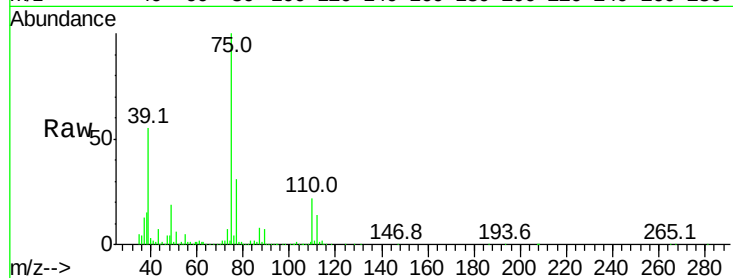
VSTD05084

Tgt Ion: 75 Resp: 541725

Ion Ratio Lower Upper

75 100

77 30.5 21.7 40.3



#43

4-Methyl-2-pentanone

Concen: 133.48 ug/L

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

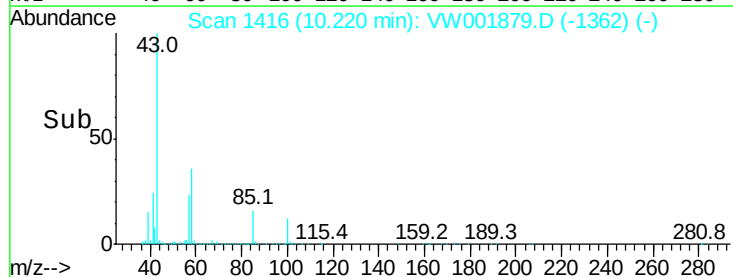
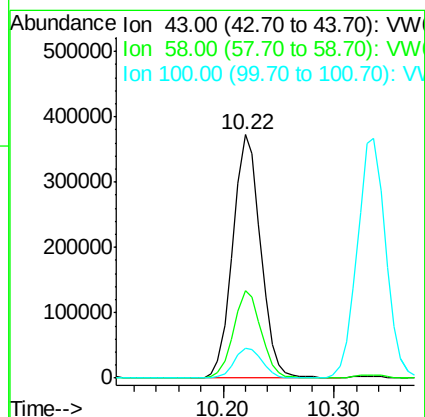
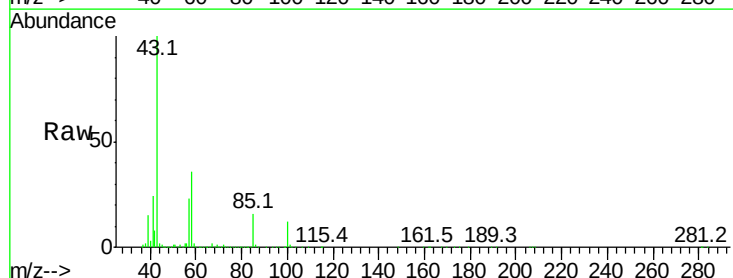
Tgt Ion: 43 Resp: 647622

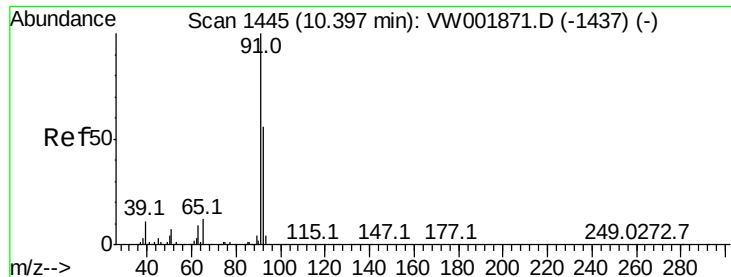
Ion Ratio Lower Upper

43 100

58 35.5 28.2 42.2

100 12.4 9.8 14.6





#44

Toluene

Concen: 55.95 ug/L

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

Instrument :

MSVOA_W

ClientSampleId :

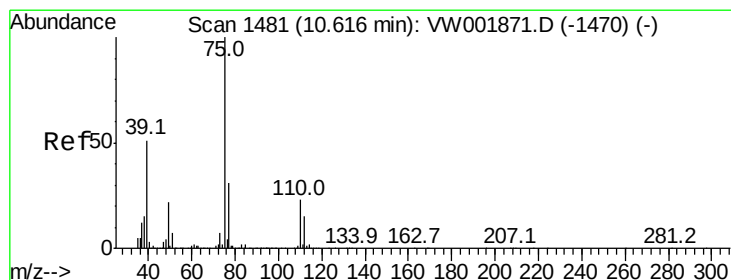
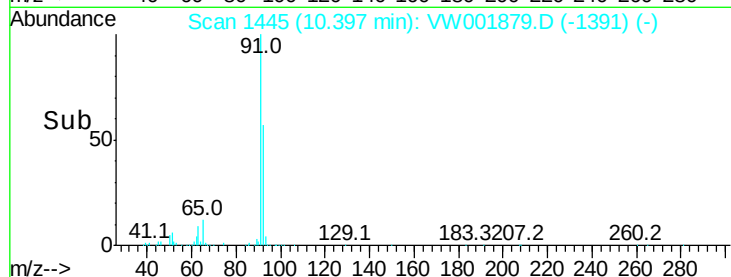
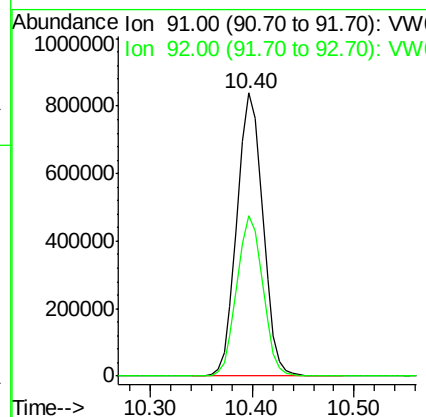
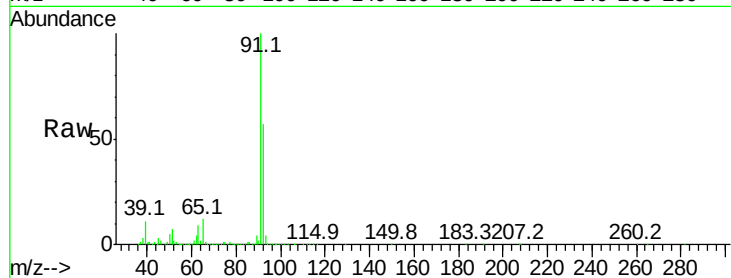
VSTD05084

Tgt Ion: 91 Resp: 1477891

Ion Ratio Lower Upper

91 100

92 56.9 39.8 74.0



#45

trans-1,3-Dichloropropene

Concen: 56.50 ug/L

RT: 10.62 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW001879.D

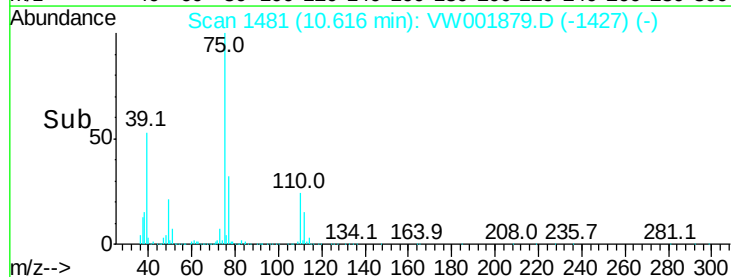
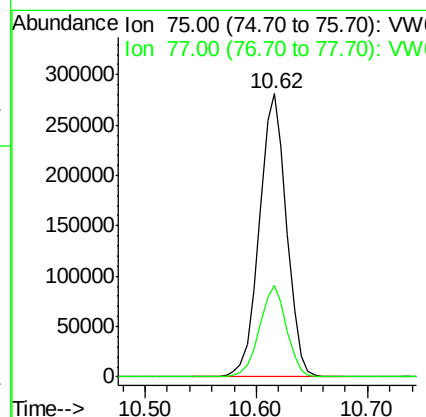
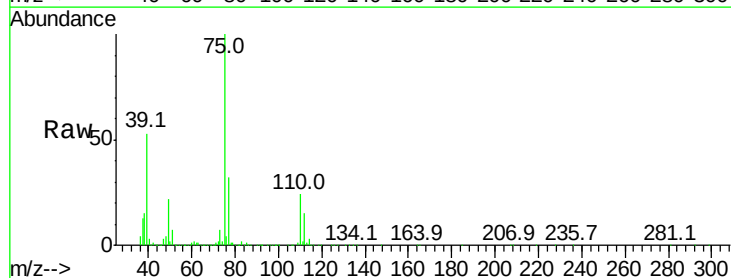
Acq: 05 Apr 2018 14:24

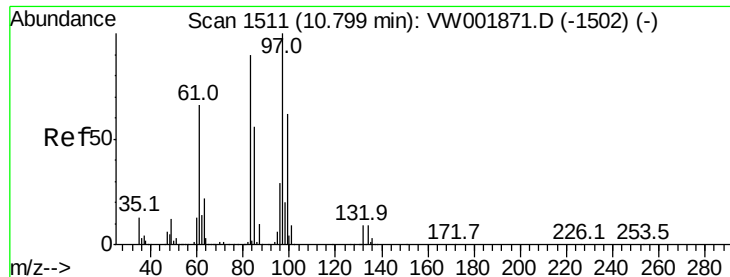
Tgt Ion: 75 Resp: 478040

Ion Ratio Lower Upper

75 100

77 32.1 21.6 40.0





#46

1,1,2-Trichloroethane

Concen: 50.77 ug/L

RT: 10.80 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD05084

Tgt Ion: 97 Resp: 265165

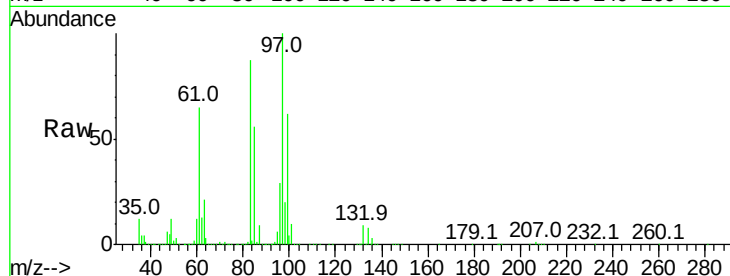
Ion Ratio Lower Upper

97 100

83 87.1 59.9 111.3

85 55.6 38.0 70.6

99 61.6 41.6 77.3

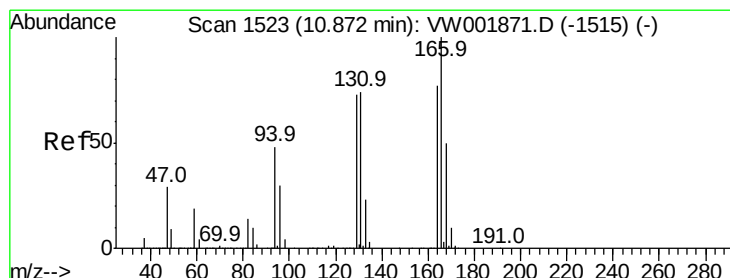
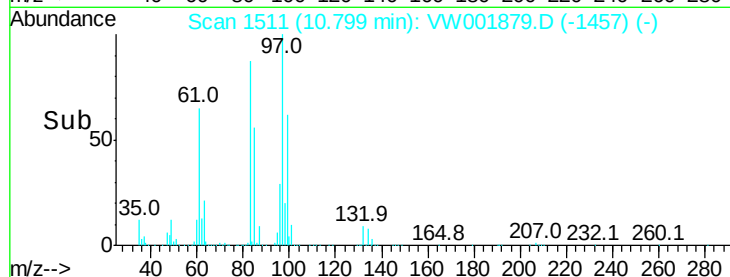
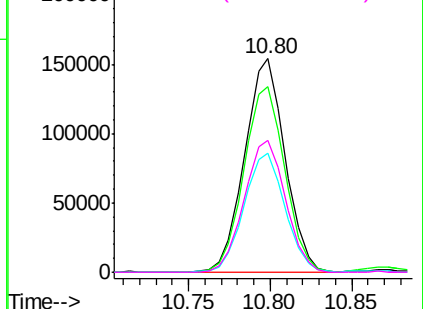


Abundance Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



#47

Tetrachloroethene

Concen: 53.00 ug/L

RT: 10.87 min Scan# 1523

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

Tgt Ion: 164 Resp: 281007

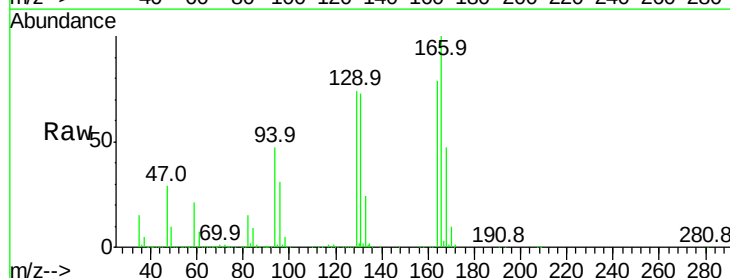
Ion Ratio Lower Upper

164 100

129 93.6 66.4 123.2

131 91.7 63.8 118.6

166 126.3 88.1 163.5

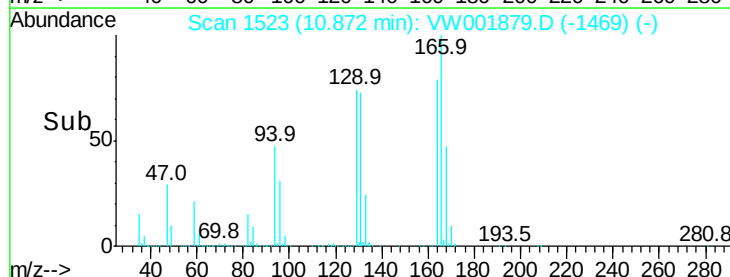
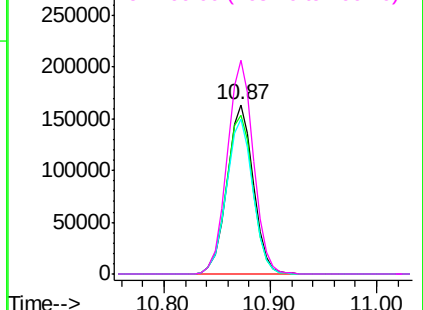


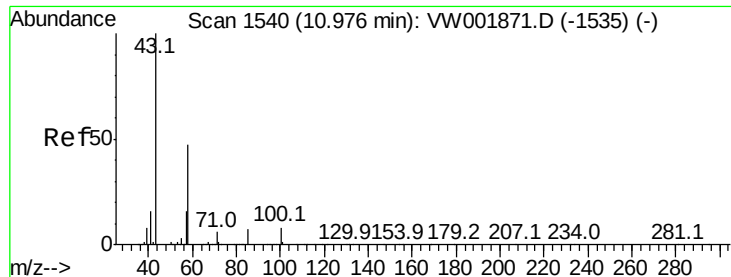
Abundance Ion 164.00 (163.70 to 164.70): V

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

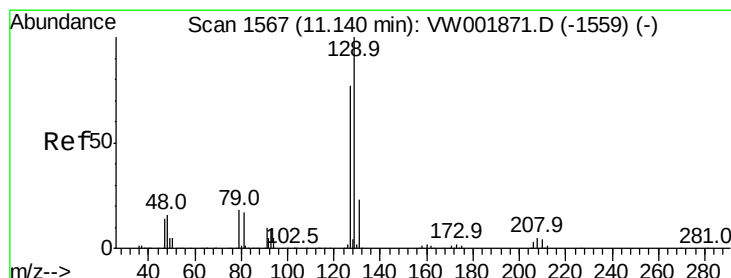
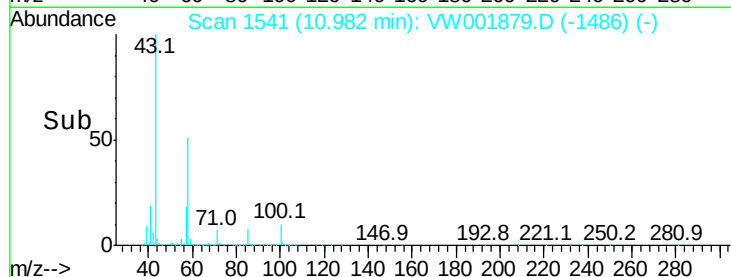
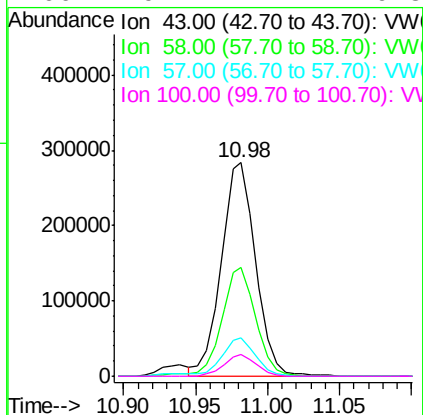
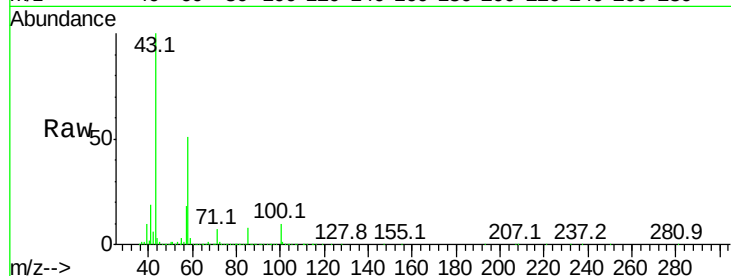




#49
2-Hexanone
Concen: 134.18 ug/L
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VW001879.D
Acq: 05 Apr 2018 14:24

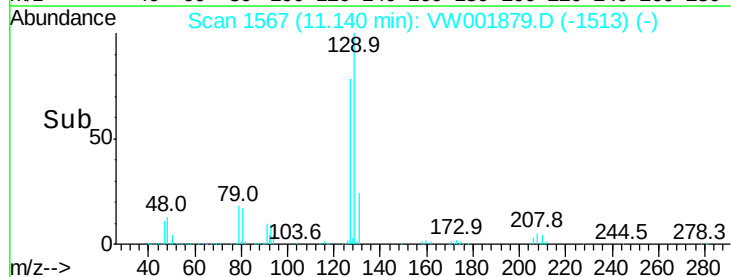
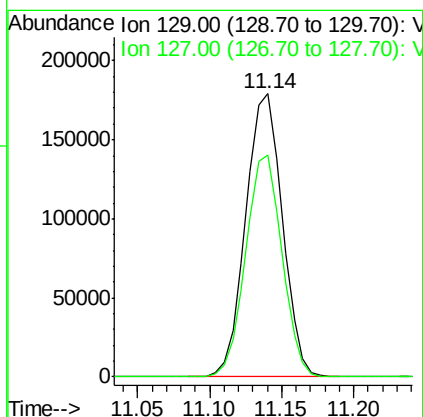
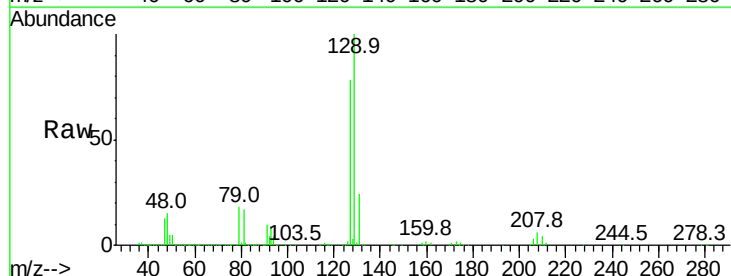
Instrument :
MSVOA_W
ClientSampleId :
VSTD05084

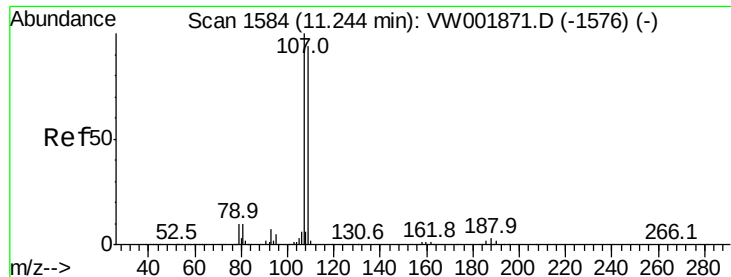
Tgt Ion:	43	Resp:	472752
Ion	Ratio	Lower	Upper
43	100		
58	49.3	41.0	61.6
57	17.5	13.8	20.8
100	9.7	7.2	10.8



#50
Dibromochloromethane
Concen: 52.32 ug/L
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VW001879.D
Acq: 05 Apr 2018 14:24

Tgt Ion:	129	Resp:	315162
Ion	Ratio	Lower	Upper
129	100		
127	78.5	54.2	100.6





#51

1,2-Dibromoethane

Concen: 54.51 ug/L

RT: 11.24 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD05084

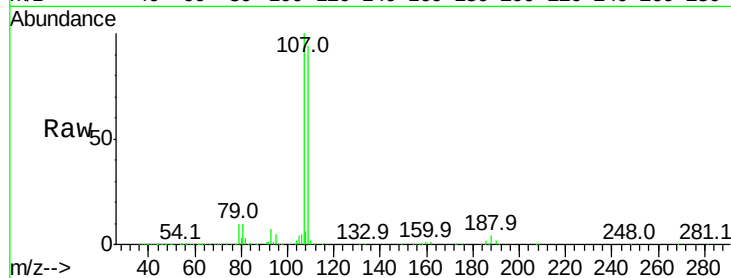
Tgt Ion:107 Resp: 254481

Ion Ratio Lower Upper

107 100

109 93.9 65.6 121.8

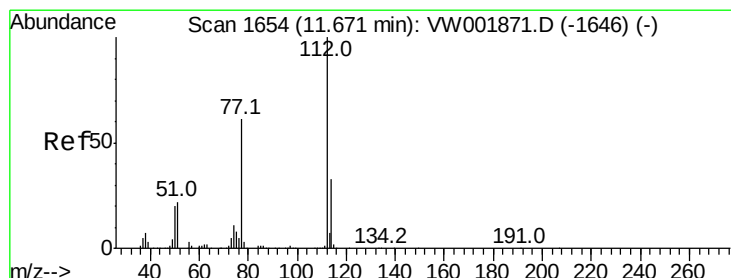
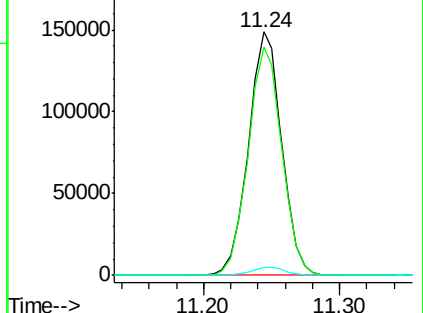
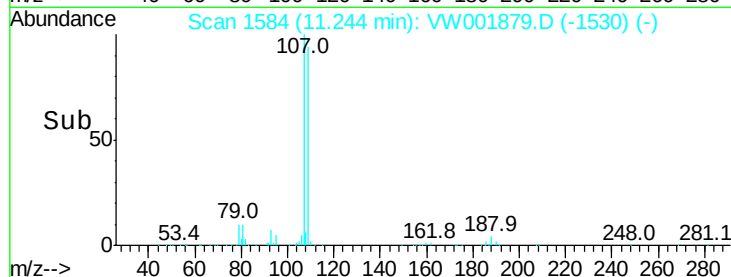
188 3.6 2.7 4.1



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V



#52

Chlorobenzene

Concen: 51.93 ug/L

RT: 11.67 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

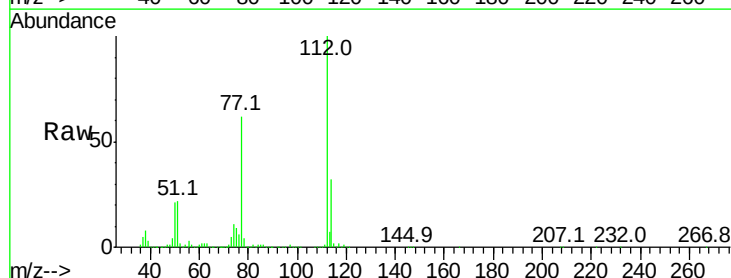
Tgt Ion:112 Resp: 897087

Ion Ratio Lower Upper

112 100

77 61.7 47.0 70.4

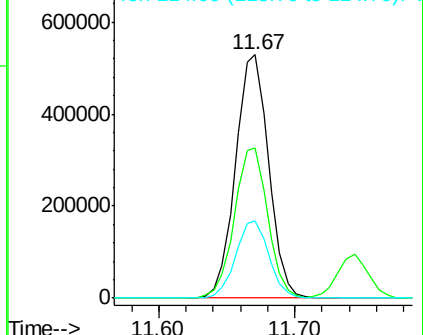
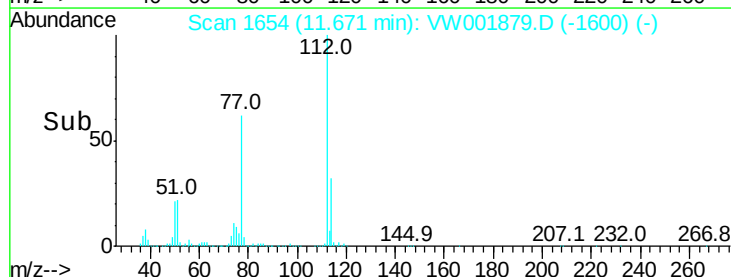
114 31.9 21.6 40.2

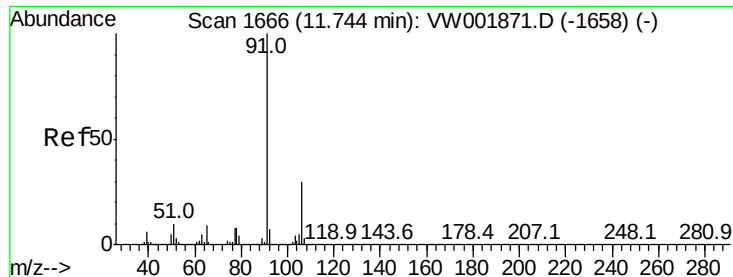


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): V

Ion 114.00 (113.70 to 114.70): V





#53

Ethylbenzene

Concen: 57.31 ug/L

RT: 11.74 min Scan# 1666

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

Instrument :

MSVOA_W

ClientSampleId :

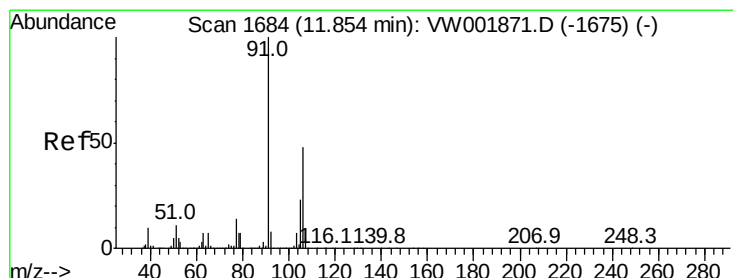
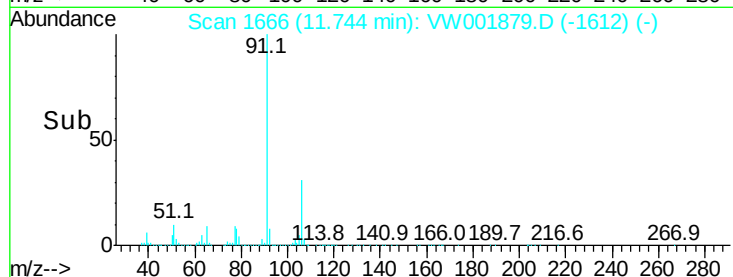
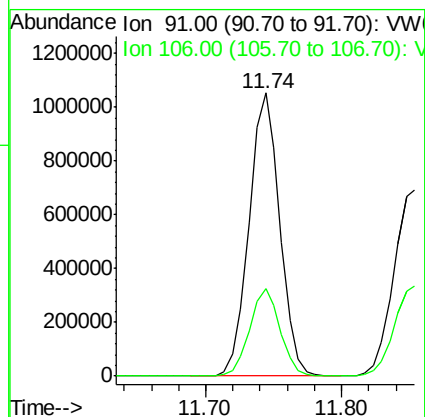
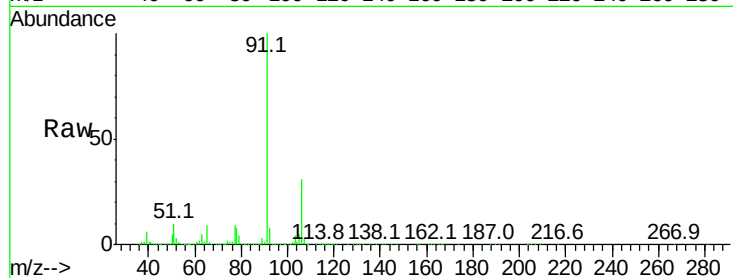
VSTD05084

Tgt Ion: 91 Resp: 1661862

Ion Ratio Lower Upper

91 100

106 30.9 21.1 39.3



#54

m,p-Xylene

Concen: 58.23 ug/L

RT: 11.85 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VW001879.D

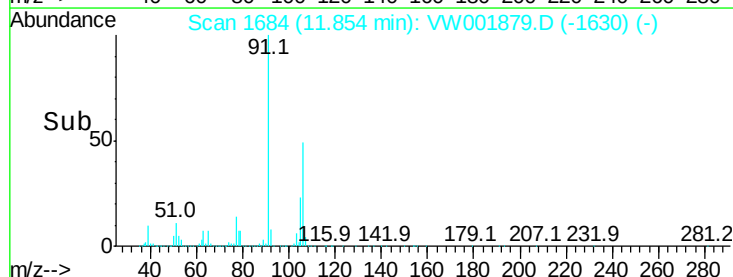
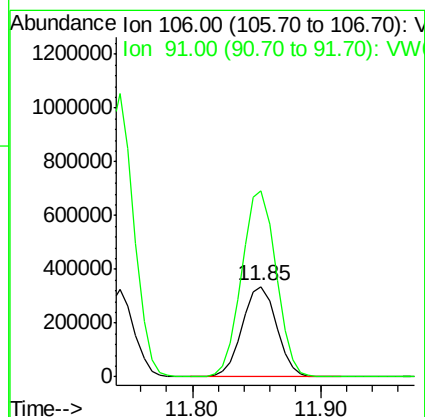
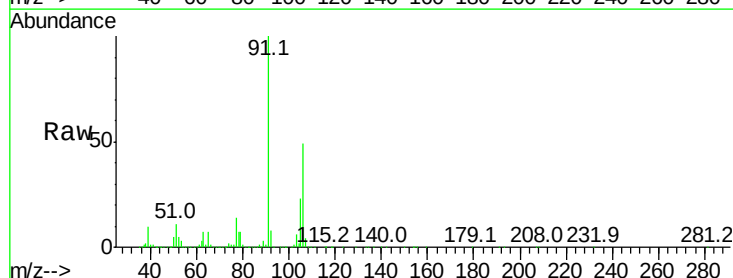
Acq: 05 Apr 2018 14:24

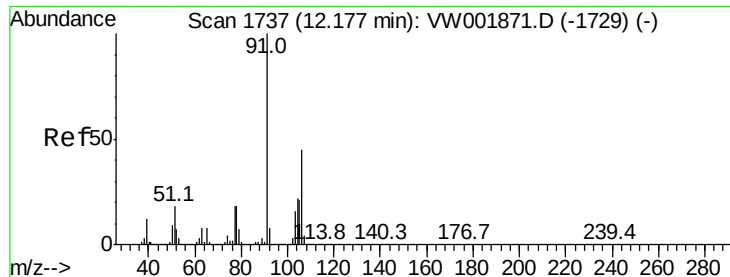
Tgt Ion: 106 Resp: 619493

Ion Ratio Lower Upper

106 100

91 206.2 142.2 264.0





#55

o-xylene

Concen: 57.82 ug/L

RT: 12.18 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

Instrument :

MSVOA_W

ClientSampleId :

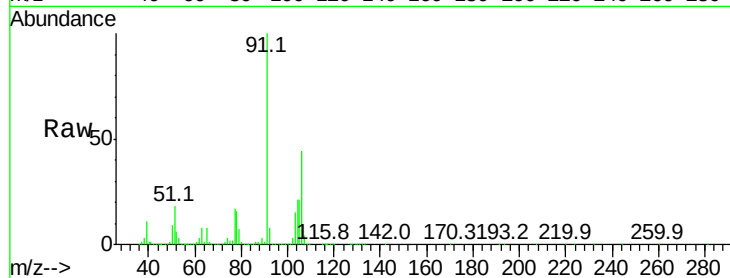
VSTD05084

Tgt Ion:106 Resp: 575780

Ion Ratio Lower Upper

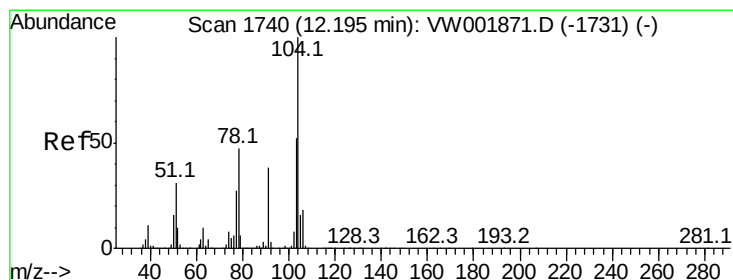
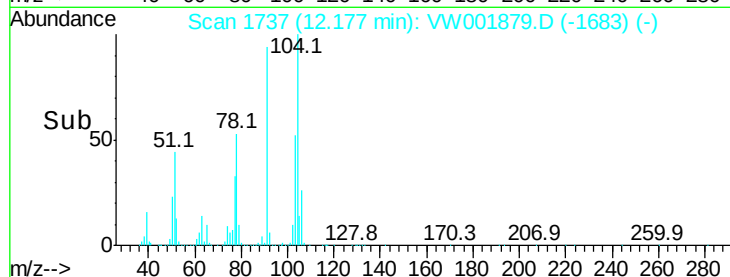
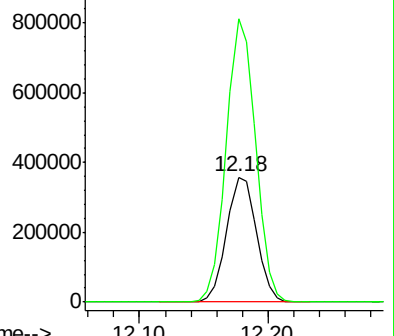
106 100

91 226.1 152.7 283.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#56

Styrene

Concen: 57.82 ug/L

RT: 12.20 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW001879.D

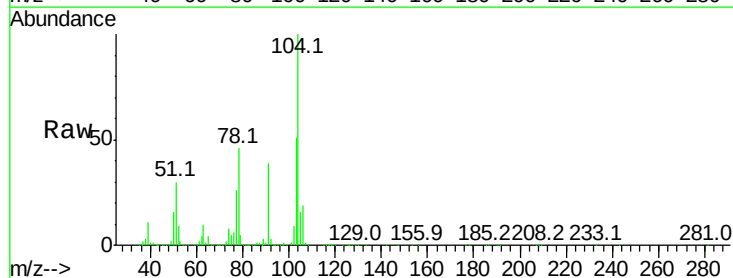
Acq: 05 Apr 2018 14:24

Tgt Ion:104 Resp: 1004873

Ion Ratio Lower Upper

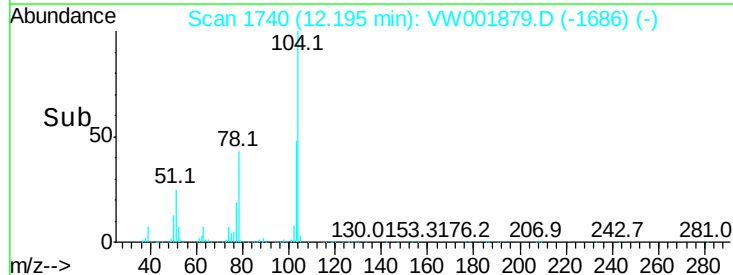
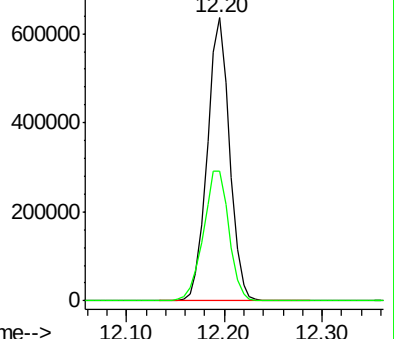
104 100

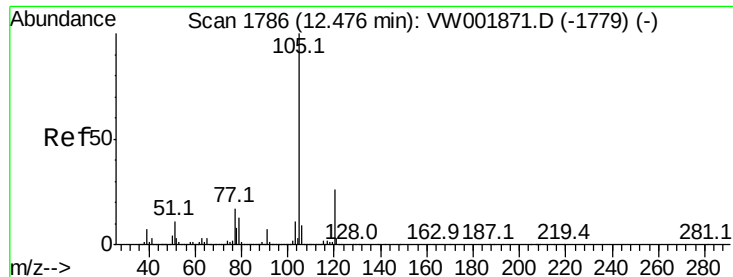
78 45.9 31.6 58.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW





#57

Isopropylbenzene

Concen: 59.54 ug/L

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

Instrument :

MSVOA_W

ClientSampled :

VSTD05084

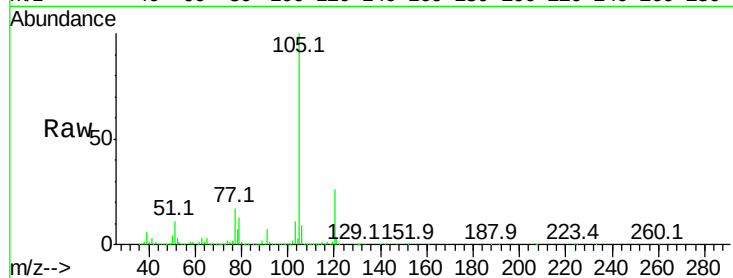
Tgt Ion: 105 Resp: 1588455

Ion Ratio Lower Upper

105 100

120 26.4 20.8 31.2

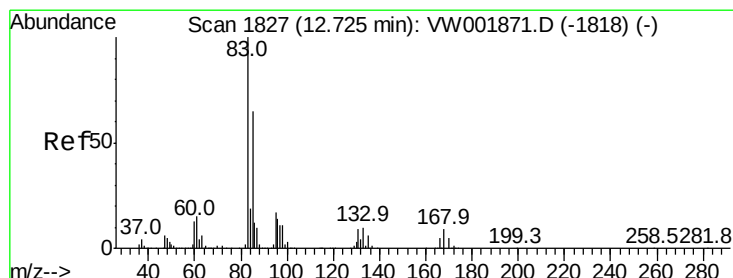
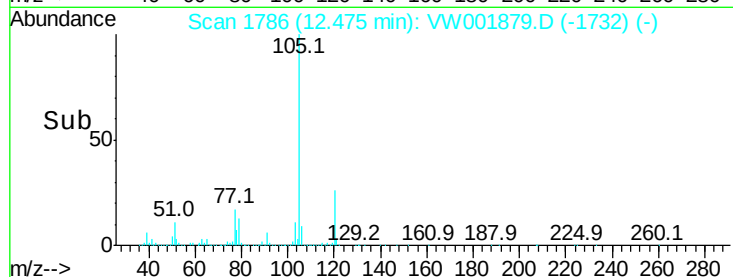
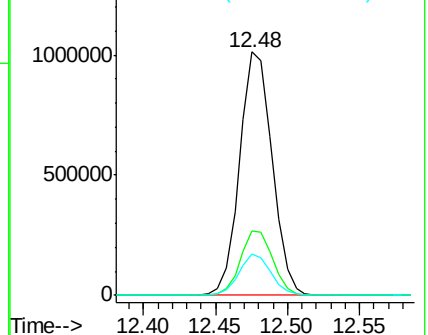
77 16.4 13.3 19.9



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: 54.94 ug/L

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

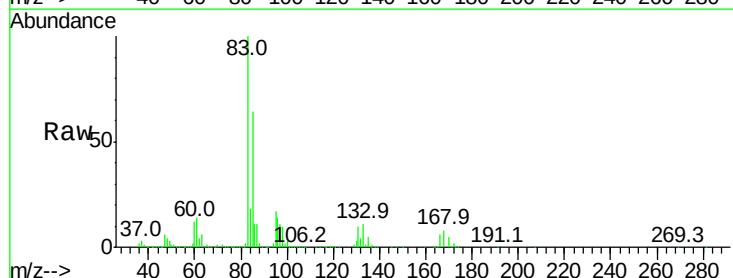
Tgt Ion: 83 Resp: 368542

Ion Ratio Lower Upper

83 100

85 64.0 46.9 87.1

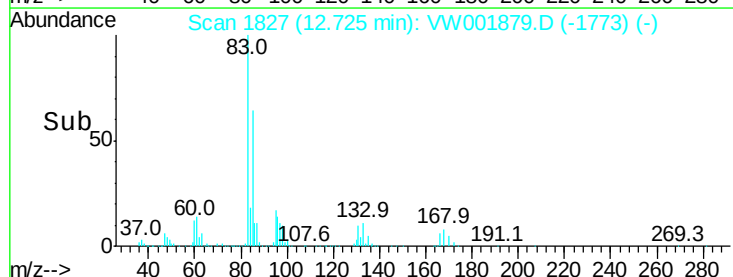
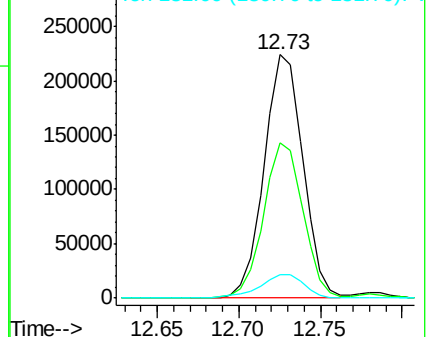
131 9.7 7.3 10.9

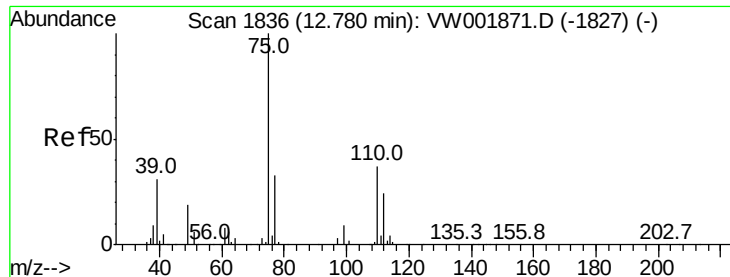


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 56.03 ug/L

RT: 12.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

Instrument :

MSVOA_W

ClientSampleId :

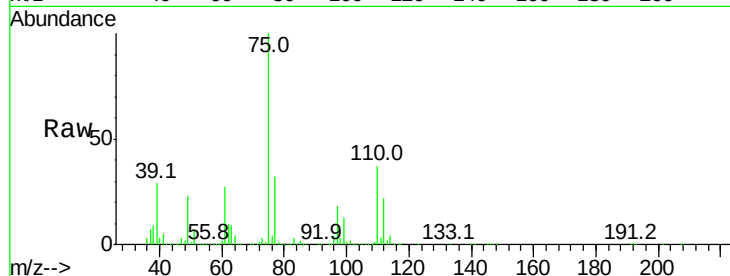
VSTD05084

Tgt Ion: 75 Resp: 290762

Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

12.78

200000

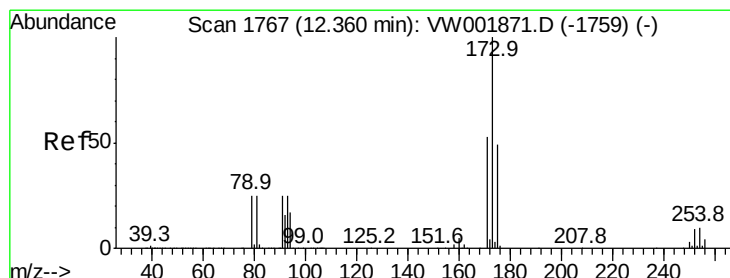
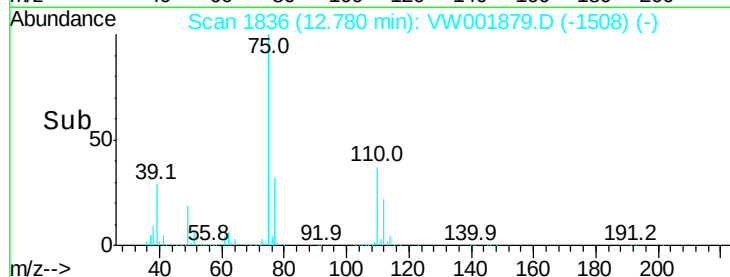
150000

100000

50000

0

Time-->



#62

Bromoform

Concen: 52.88 ug/L

RT: 12.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

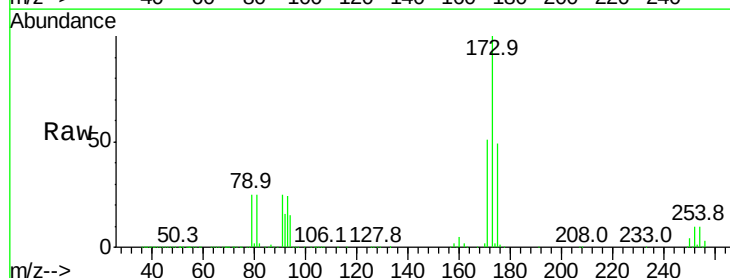
Tgt Ion: 173 Resp: 200773

Ion Ratio Lower Upper

173 100

175 48.4 39.5 59.3

254 9.8 8.0 12.0



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

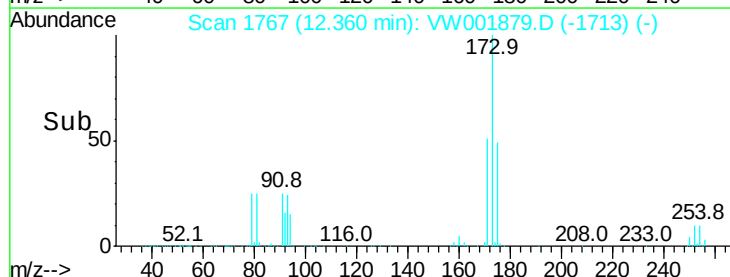
150000

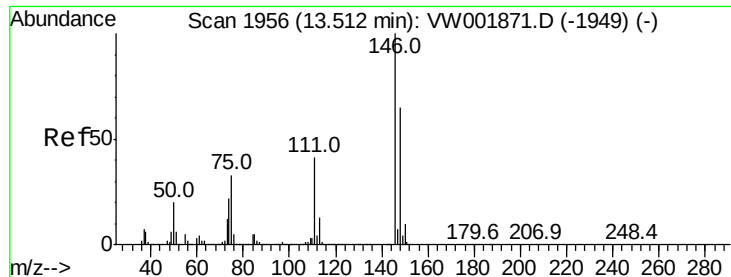
100000

50000

0

Time-->





#63

1,3-Dichlorobenzene

Concen: 52.27 ug/L

RT: 13.51 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

Instrument :

MSVOA_W

ClientSampled :

VSTD05084

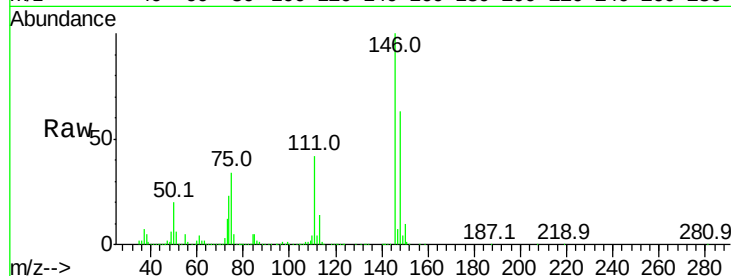
Tgt Ion:146 Resp: 687140

Ion Ratio Lower Upper

146 100

111 41.5 28.2 52.4

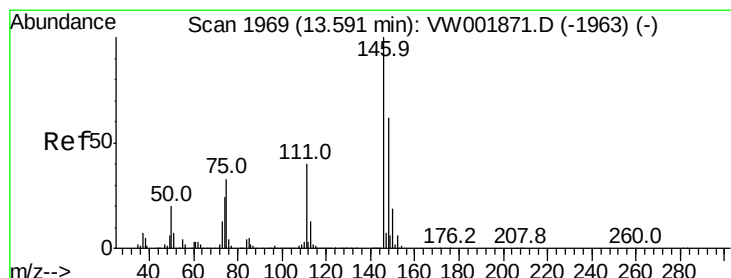
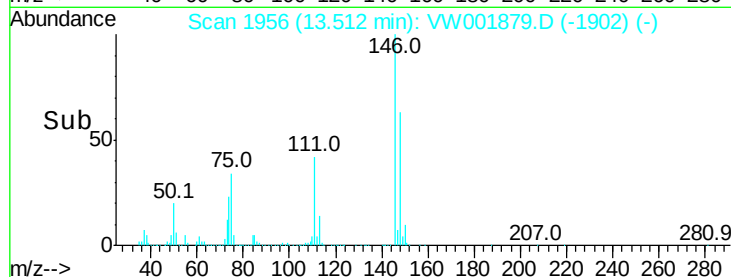
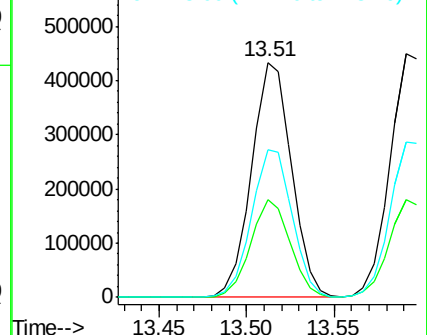
148 62.9 44.4 82.5



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



#64

1,4-Dichlorobenzene

Concen: 50.42 ug/L

RT: 13.59 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

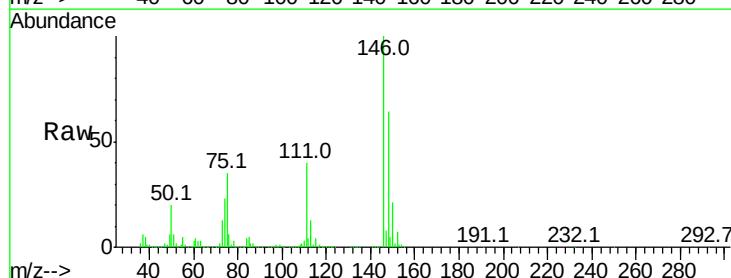
Tgt Ion:146 Resp: 725794

Ion Ratio Lower Upper

146 100

111 40.3 27.7 51.5

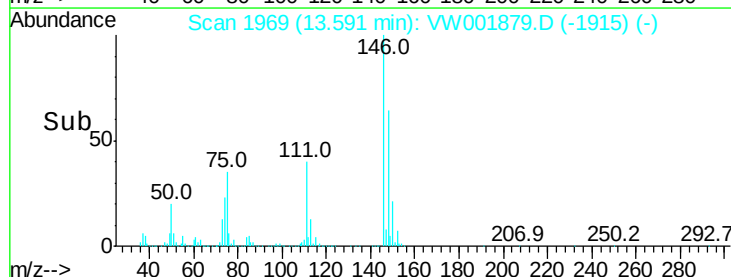
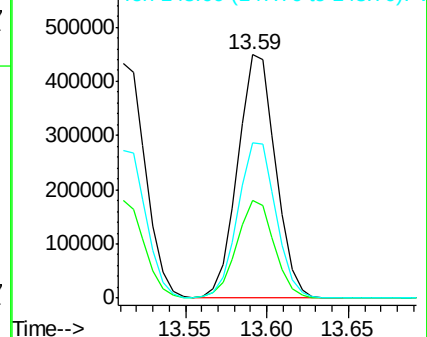
148 64.0 43.6 81.0

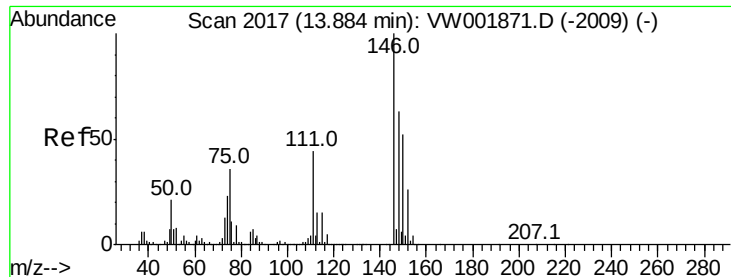


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

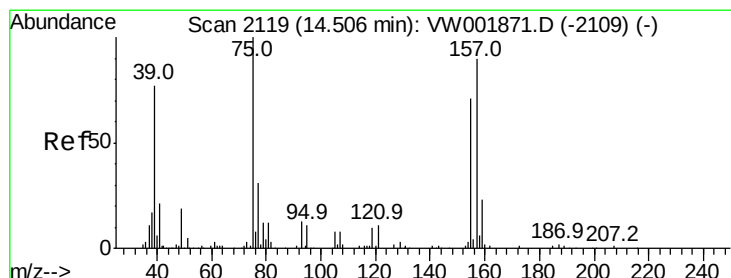
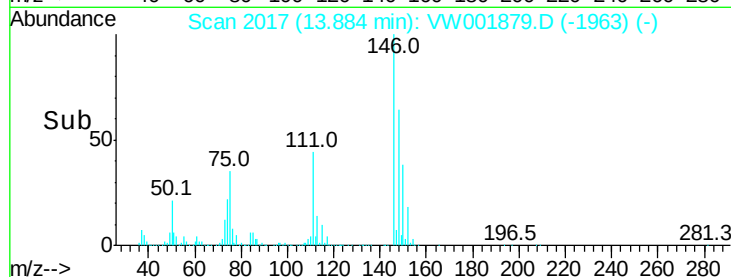
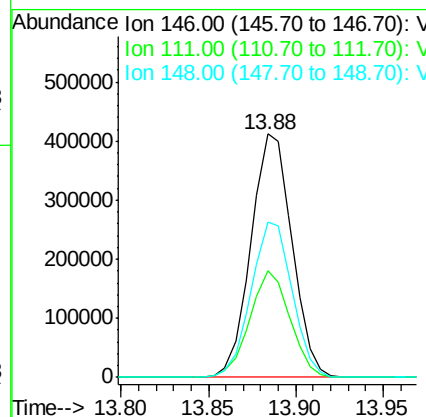
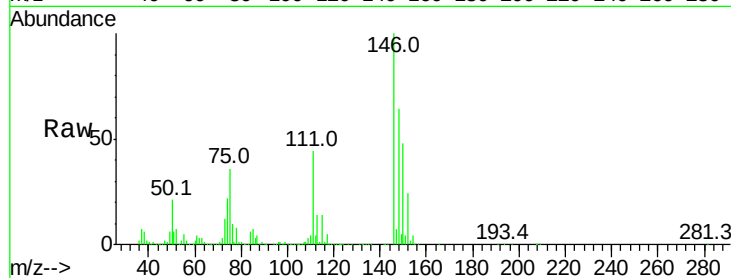




#65
 1,2-Dichlorobenzene
 Concen: 51.47 ug/L
 RT: 13.88 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: VW001879.D
 Acq: 05 Apr 2018 14:24

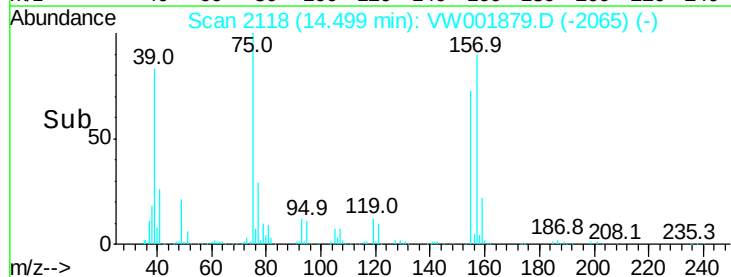
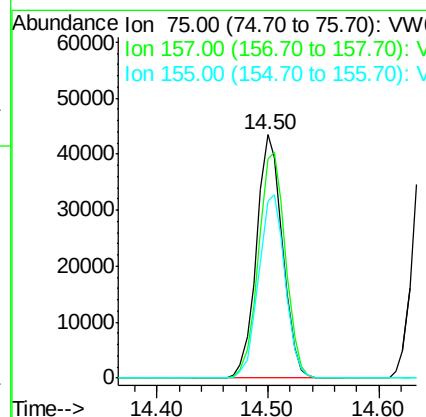
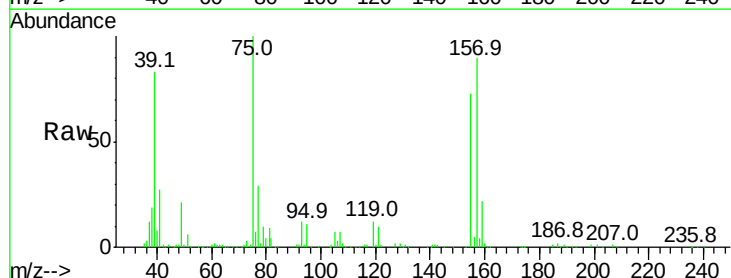
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05084

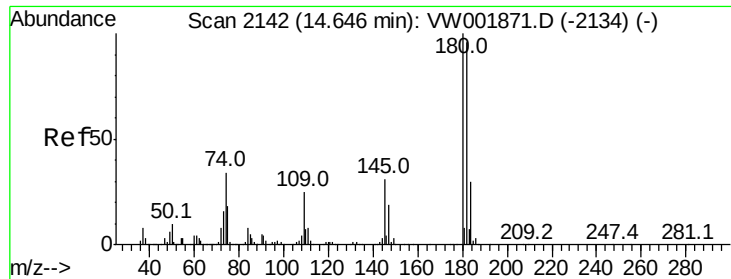
Tgt Ion: 146 Resp: 672077
 Ion Ratio Lower Upper
 146 100
 111 44.1 34.9 52.3
 148 63.7 50.6 76.0



#66
 1,2-Dibromo-3-chloropropane
 Concen: 54.37 ug/L
 RT: 14.50 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VW001879.D
 Acq: 05 Apr 2018 14:24

Tgt Ion: 75 Resp: 70642
 Ion Ratio Lower Upper
 75 100
 157 90.2 72.6 109.0
 155 72.5 57.0 85.4

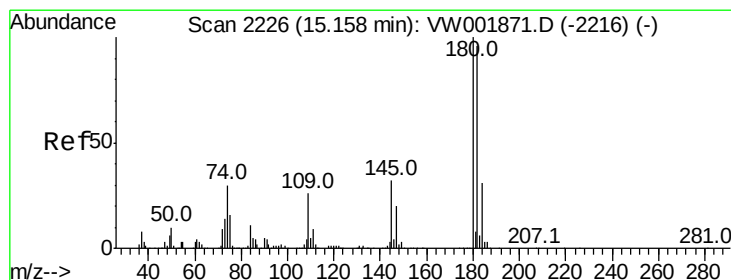
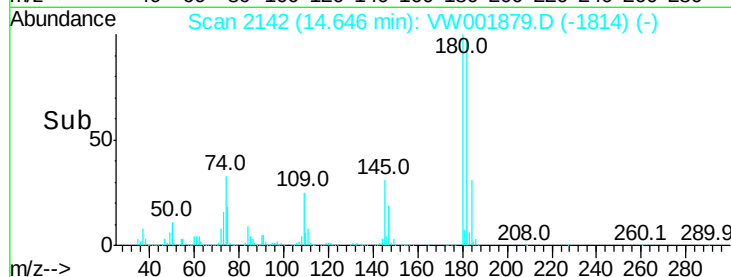
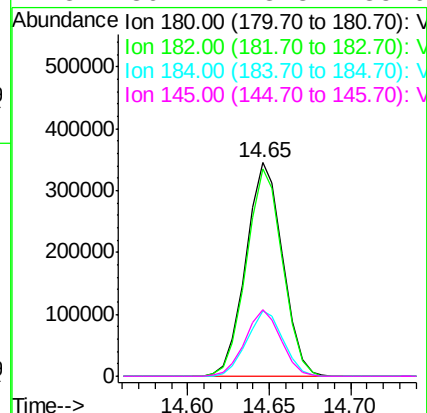
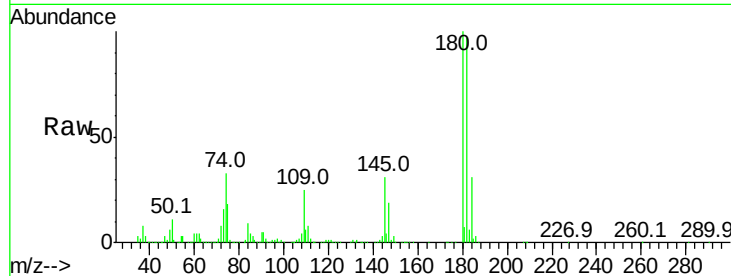




#67
 1,3,5-Trichlorobenzene
 Concen: 52.98 ug/L
 RT: 14.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VW001879.D
 Acq: 05 Apr 2018 14:24

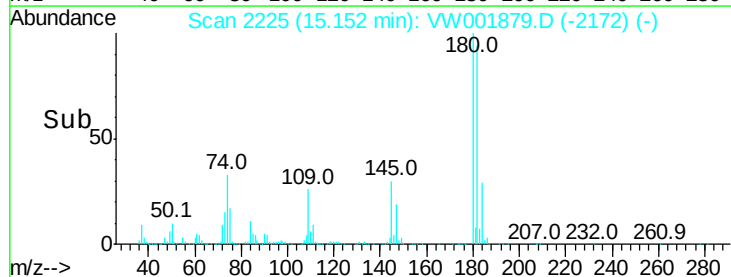
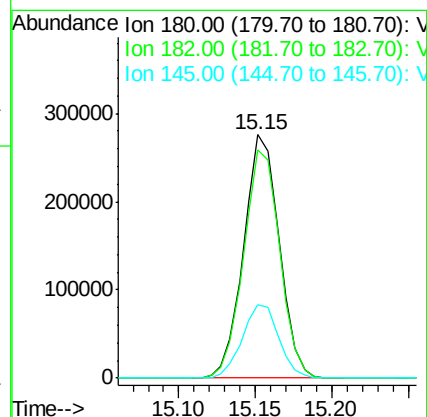
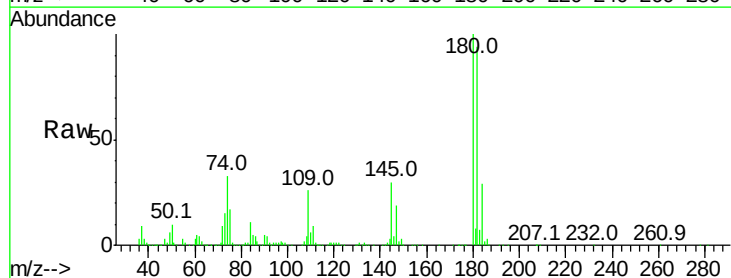
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05084

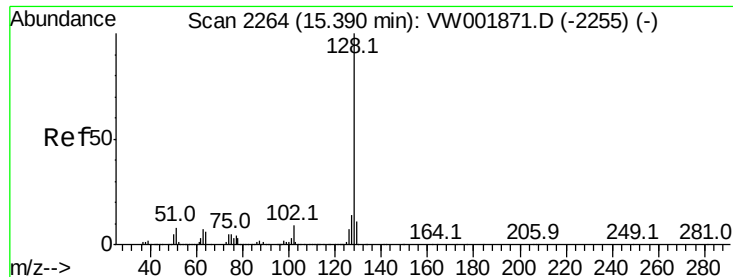
Tgt Ion:	180	Resp:	541390
Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.7	113.5
184	30.3	23.9	35.9
145	30.4	23.8	35.6



#68
 1,2,4-trichlorobenzene
 Concen: 56.05 ug/L
 RT: 15.15 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: VW001879.D
 Acq: 05 Apr 2018 14:24

Tgt Ion:	180	Resp:	446839
Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.3	112.9
145	30.8	24.6	37.0





#69

Naphthalene

Concen: 65.60 ug/L

RT: 15.39 min Scan# 2264

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD05084

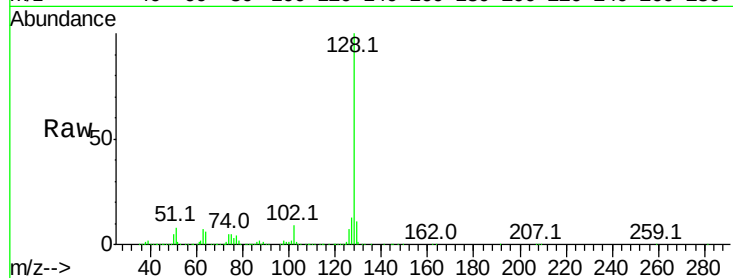
Tgt Ion:128 Resp: 1027042

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

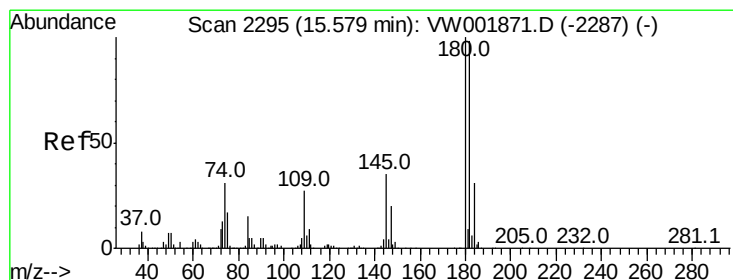
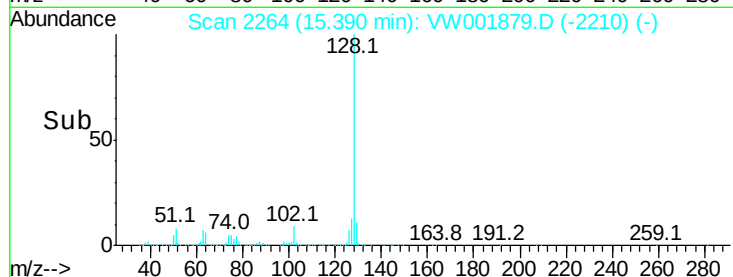
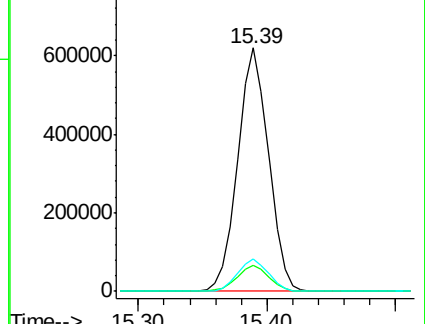
127 13.4 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 55.85 ug/L

RT: 15.58 min Scan# 2295

Delta R.T. -0.00 min

Lab File: VW001879.D

Acq: 05 Apr 2018 14:24

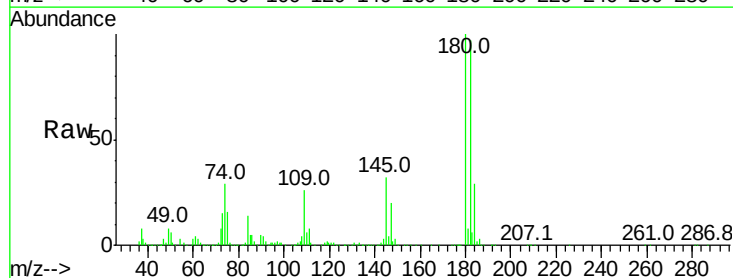
Tgt Ion:180 Resp: 427573

Ion Ratio Lower Upper

180 100

182 95.3 74.1 111.1

145 32.5 25.2 37.8



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

