

Data File : VW001883.D

Acq On : 05 Apr 2018 19:00

Operator : JC/SY

Sample : VSTDICV025

Misc : 5.00G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VICV87

Quant Time: Apr 06 02:06:18 2018

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

Quant Title : VOC Analysis

QLast Update : Fri Apr 06 02:05:35 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	357151	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	354382	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	179004	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	115817	21.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.52%
7) Chloroethane-d5	2.89	69	92501	23.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.28%
10) 1,1-Dichloroethene-d2	4.01	63	253292	22.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.24%
20) 2-Butanone-d5	7.09	46	90216	62.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.36%
24) Chloroform-d	7.65	84	229180	23.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.64%
26) 1,2-Dichloroethane-d4	8.31	65	138427	22.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.44%
29) Benzene-d6	8.27	84	460828	22.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.84%
33) 1,2-Dichloropropane-d6	9.28	67	145512	22.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.20%
37) Toluene-d8	10.34	98	439921	24.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.32%
38) trans-1,3-Dichloropropene-	10.59	79	62578	22.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.36%
39) 2-Hexanone-d5	10.93	63	68222	48.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.72%
48) 1,1,2,2-Tetrachloroethane-	12.71	84	142021	23.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.52%
61) 1,2-Dichlorobenzene-d4	13.87	152	149972	22.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.48%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	205746	25.16	ug/L	99
3) Chloromethane	2.22	50	196609	26.65	ug/L	99
5) Vinyl chloride	2.36	62	178473	25.95	ug/L	96
6) Bromomethane	2.78	94	82337	26.15	ug/L	100
8) Chloroethane	2.92	64	97305	26.10	ug/L	96
9) Trichlorofluoromethane	3.27	101	241556	25.22	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	147316	25.43	ug/L	99
12) 1,1-Dichloroethene	4.03	96	125403	24.31	ug/L	94
13) Acetone	4.13	43	85773	50.94	ug/L	99
14) Carbon disulfide	4.37	76	482372	26.51	ug/L	100
15) Methyl Acetate	4.68	43	106945	26.66	ug/L	98
16) Methylene chloride	4.92	84	153618	20.76	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	280710	24.18	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	137370	24.84	ug/L	99
19) 1,1-Dichloroethane	6.22	63	262911	24.69	ug/L	98
21) 2-Butanone	7.18	43	120627	51.78	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	140065	24.61	ug/L	99

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QLast Update : Fri Apr 06 02:05:35 2018

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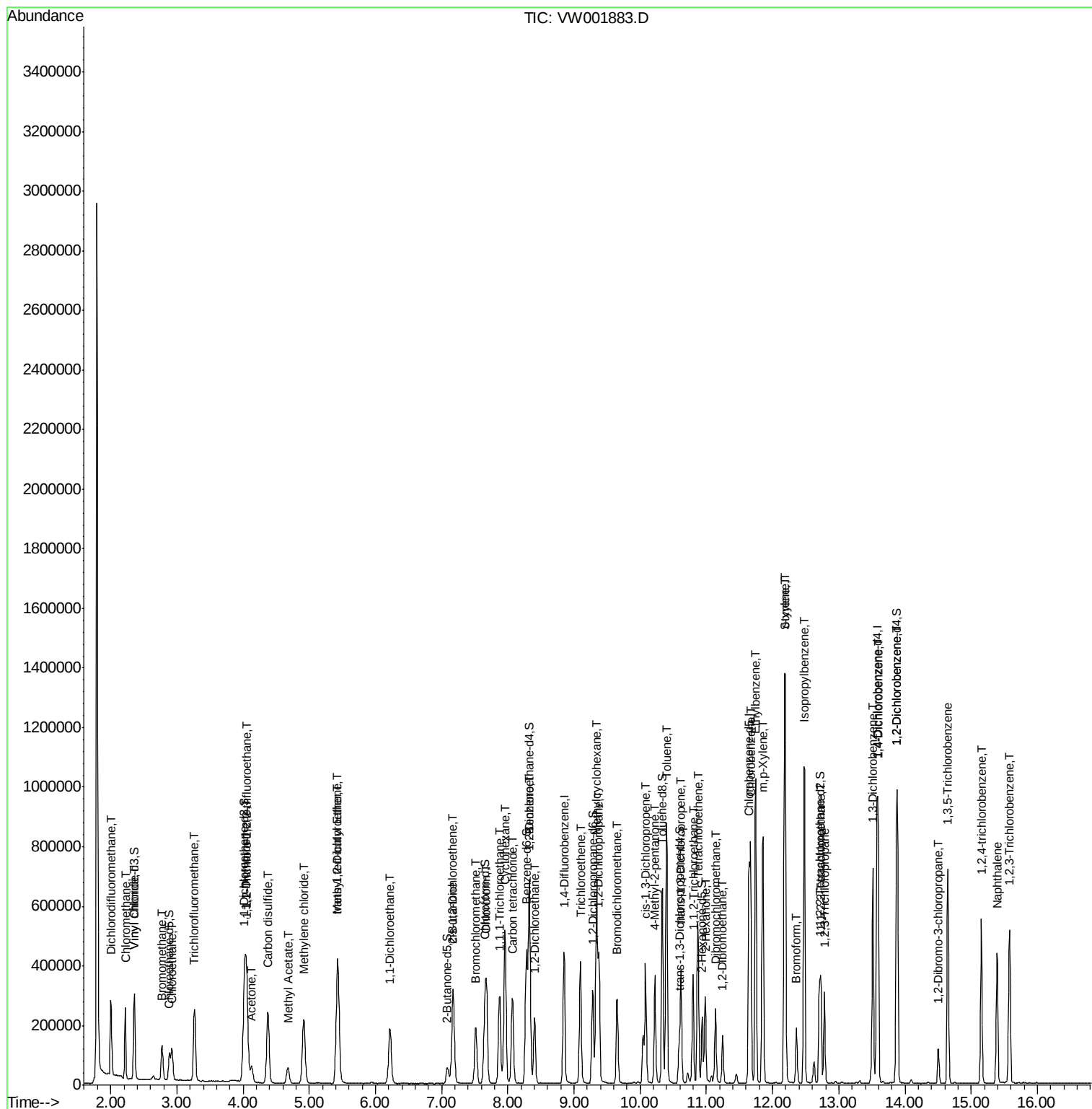
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	62499	24.63	ug/L	96
25) Chloroform	7.68	83	274488	23.79	ug/L	100
27) 1,2-Dichloroethane	8.40	62	186647	24.48	ug/L	98
30) Cyclohexane	7.96	56	245276	26.28	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	232755	24.49	ug/L	99
32) Carbon tetrachloride	8.07	117	210744	24.12	ug/L	98
34) Benzene	8.33	78	576441	25.13	ug/L	100
35) Trichloroethene	9.10	95	146908	24.00	ug/L	99
36) Methylcyclohexane	9.34	83	254504	26.28	ug/L	97
40) 1,2-Dichloropropane	9.38	63	155036	25.07	ug/L	100
41) Bromodichloromethane	9.65	83	184348	23.97	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	210124	24.27	ug/L	98
43) 4-Methyl-2-pentanone	10.22	43	244196	51.51	ug/L	99
44) Toluene	10.40	91	619848	25.92	ug/L	99
45) trans-1,3-Dichloropropene	10.62	75	194613	25.36	ug/L	99
46) 1,1,2-Trichloroethane	10.80	97	112421	24.29	ug/L	95
47) Tetrachloroethene	10.87	164	119363	24.69	ug/L	98
49) 2-Hexanone	10.98	43	186503	54.27	ug/L	99
50) Dibromochloromethane	11.13	129	127827	24.05	ug/L	98
51) 1,2-Dibromoethane	11.24	107	103751	24.29	ug/L	94
52) Chlorobenzene	11.67	112	382933	24.69	ug/L	97
53) Ethylbenzene	11.74	91	683228	25.96	ug/L	100
54) m,p-Xylene	11.85	106	253952	26.02	ug/L	93
55) o-xylene	12.18	106	231350	25.93	ug/L	98
56) Styrene	12.19	104	403631	26.38	ug/L	97
57) Isopropylbenzene	12.48	105	650694	26.87	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.73	83	153670	24.88	ug/L	97
59) 1,2,3-Trichloropropane	12.78	75	123119	25.31	ug/L	99
62) Bromoform	12.36	173	80631	23.98	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	283788	24.64	ug/L	99
64) 1,4-Dichlorobenzene	13.60	146	299409	23.96	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	277449	24.31	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.51	75	30600	25.38	ug/L	98
67) 1,3,5-Trichlorobenzene	14.65	180	209993	23.39	ug/L	99
68) 1,2,4-trichlorobenzene	15.16	180	168051	23.59	ug/L	97
69) Naphthalene	15.39	128	350165	24.26	ug/L	100
70) 1,2,3-Trichlorobenzene	15.58	180	167153	24.58	ug/L	99

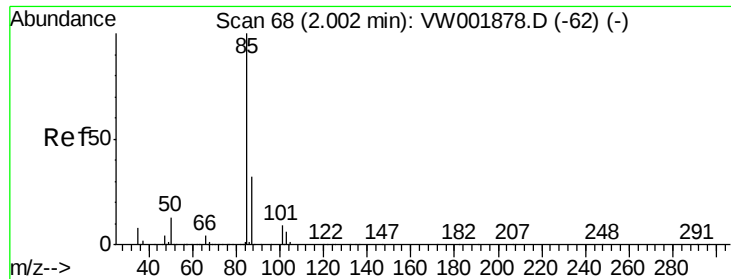
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 25.16 ug/L

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW001883.D

Acq: 05 Apr 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

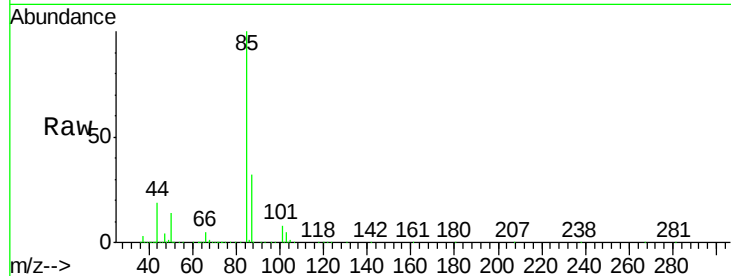
VICV87

Tgt Ion: 85 Resp: 205746

Ion Ratio Lower Upper

85 100

87 32.5 22.3 41.5



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW

2.00

150000

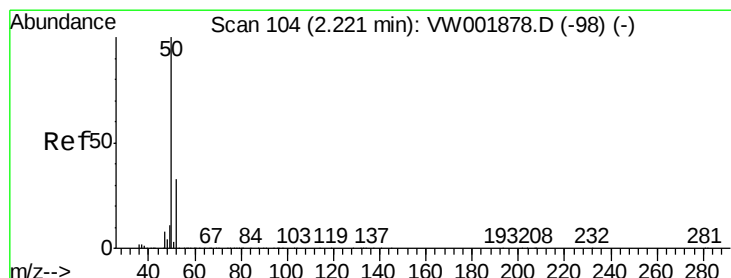
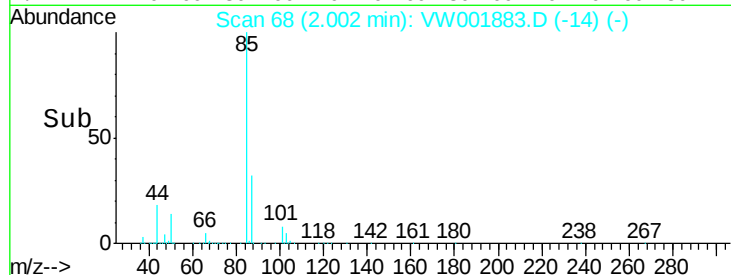
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50000

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Time-->

1.95 2.00 2.05 2.10



#3

Chloromethane

Concen: 26.65 ug/L

RT: 2.22 min Scan# 104

Delta R.T. -0.00 min

Lab File: VW001883.D

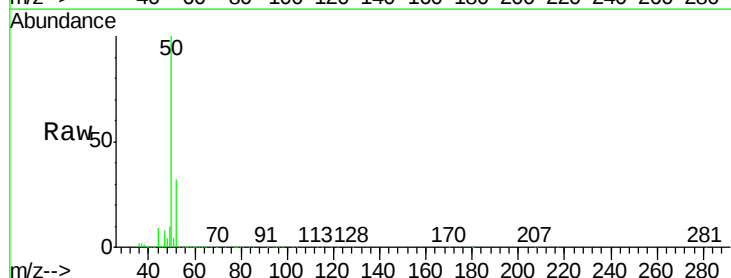
Acq: 05 Apr 2018 19:00

Tgt Ion: 50 Resp: 196609

Ion Ratio Lower Upper

50 100

52 32.3 23.2 43.0



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW

2.22

150000

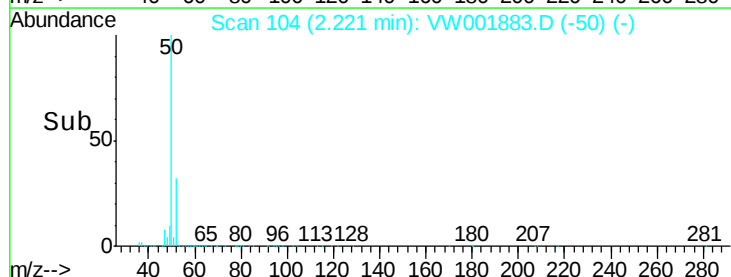
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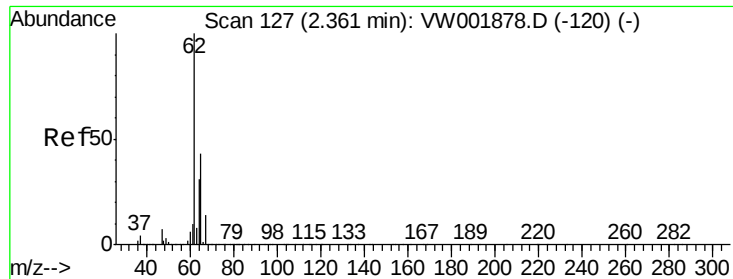
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Time-->

2.15 2.20 2.25





#5

Vinyl chloride

Concen: 25.95 ug/L

RT: 2.36 min Scan# 127

Delta R.T. -0.00 min

Lab File: VW001883.D

Acq: 05 Apr 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

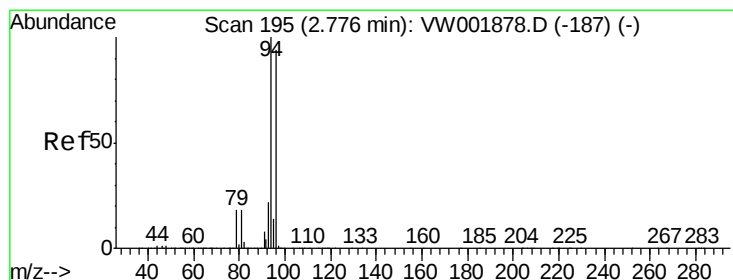
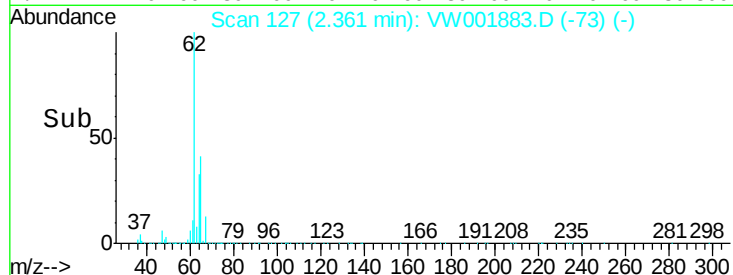
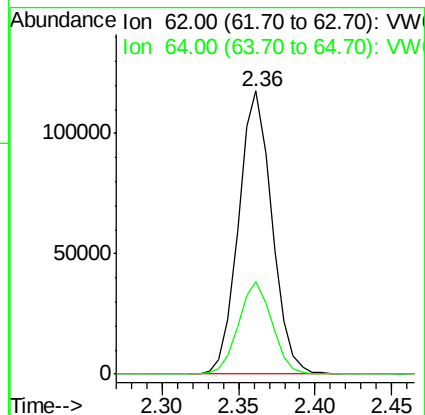
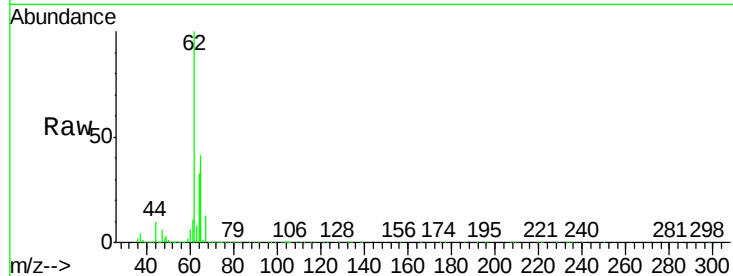
VICV87

Tgt Ion: 62 Resp: 178473

Ion Ratio Lower Upper

62 100

64 32.7 21.4 39.8



#6

Bromomethane

Concen: 26.15 ug/L

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW001883.D

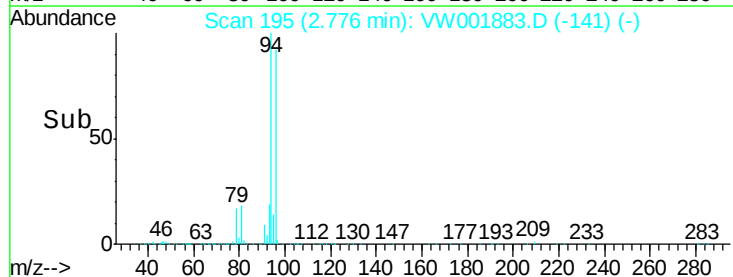
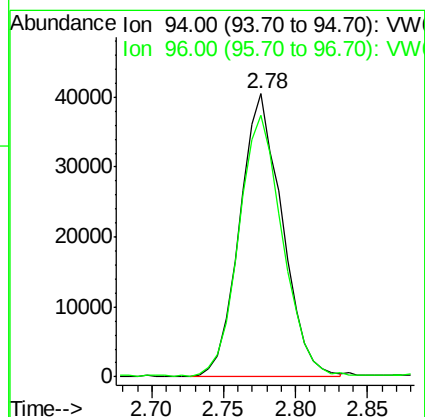
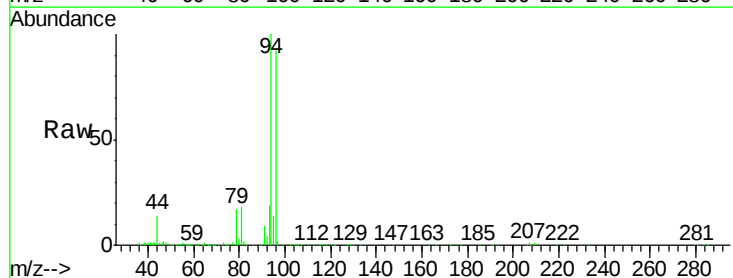
Acq: 05 Apr 2018 19:00

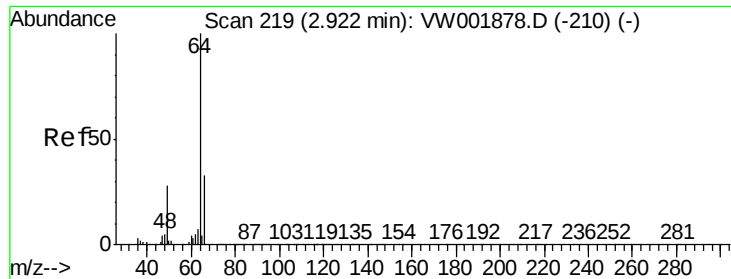
Tgt Ion: 94 Resp: 82337

Ion Ratio Lower Upper

94 100

96 94.5 9.5 179.7

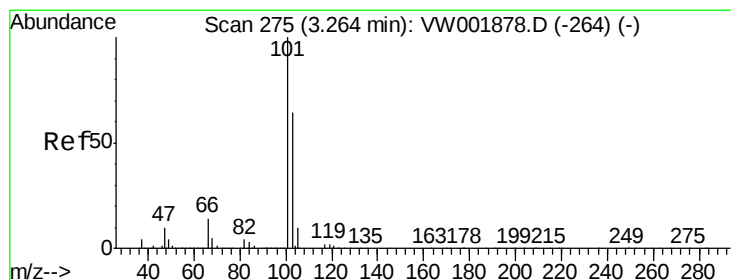
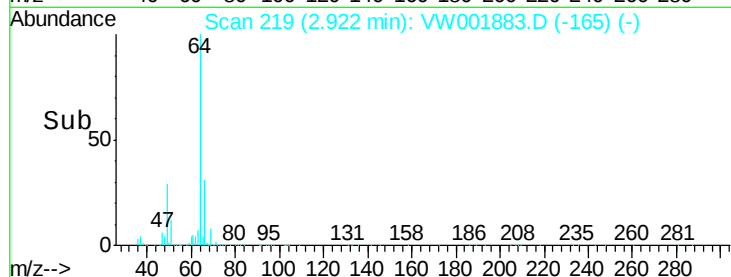
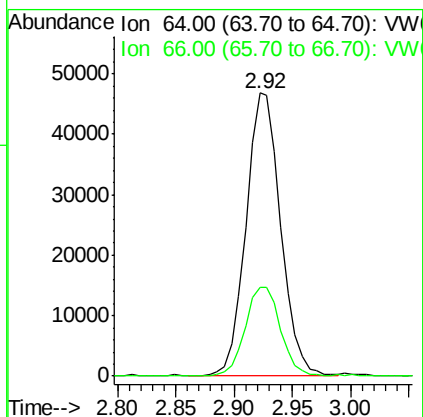
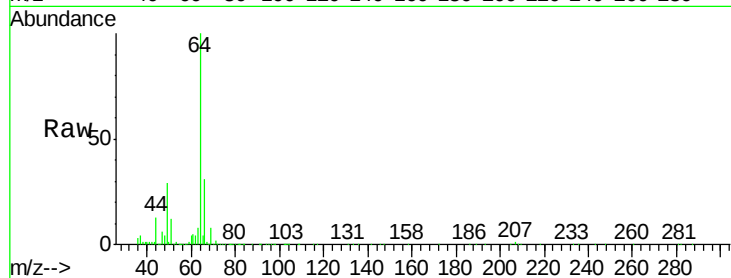




#8
Chloroethane
Concen: 26.10 ug/L
RT: 2.92 min Scan# 219
Delta R.T. -0.00 min
Lab File: VW001883.D
Acq: 05 Apr 2018 19:00

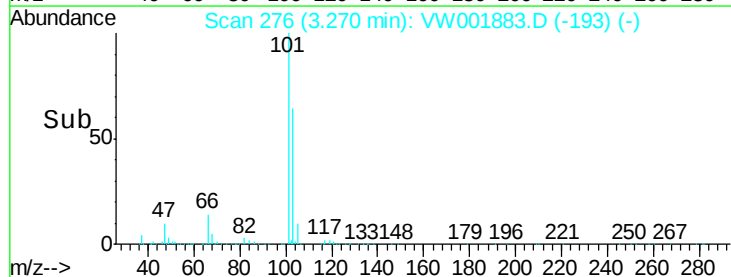
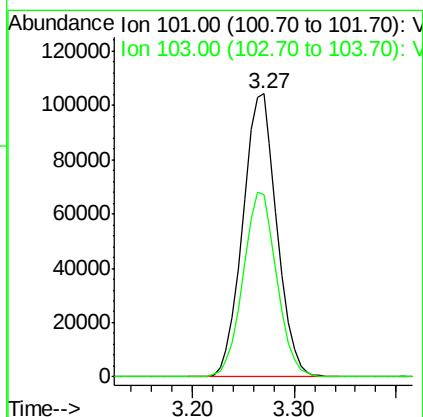
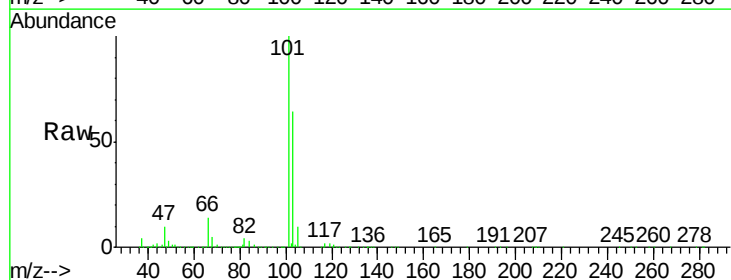
Instrument :
MSVOA_W
ClientSampleId :
VICV87

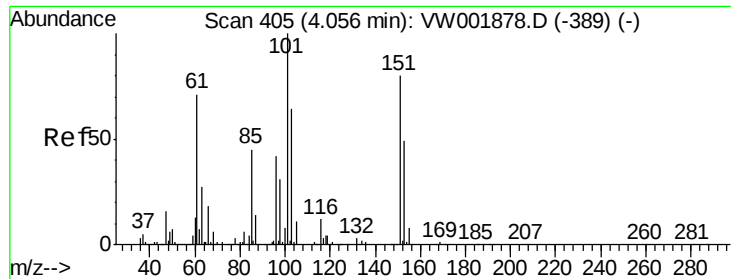
Tgt Ion: 64 Resp: 97305
Ion Ratio Lower Upper
64 100
66 31.3 23.4 43.4



#9
Trichlorofluoromethane
Concen: 25.22 ug/L
RT: 3.27 min Scan# 276
Delta R.T. 0.01 min
Lab File: VW001883.D
Acq: 05 Apr 2018 19:00

Tgt Ion: 101 Resp: 241556
Ion Ratio Lower Upper
101 100
103 64.4 45.2 84.0





#11

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

Concen: 25.43 ug/L

RT: 4.06 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW001883.D

Acq: 05 Apr 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

VICV87

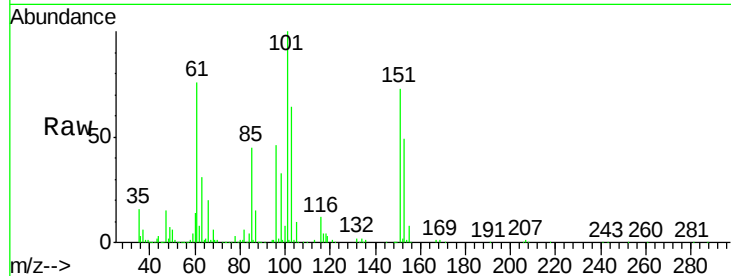
Tgt Ion: 101 Resp: 147316

Ion Ratio Lower Upper

101 100

85 45.1 35.8 53.8

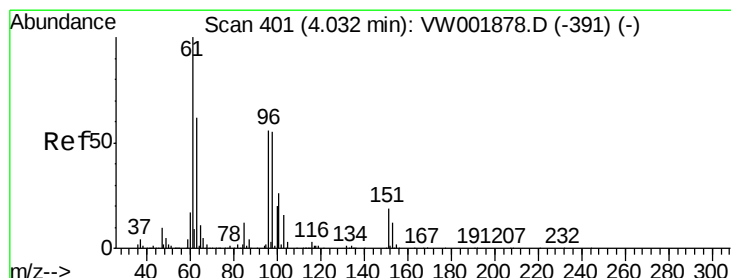
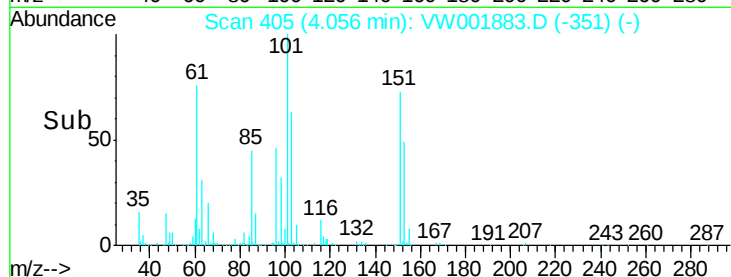
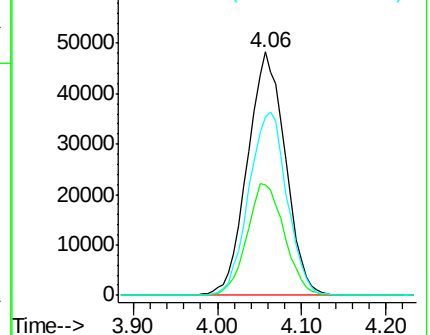
151 75.9 61.5 92.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 24.31 ug/L

RT: 4.03 min Scan# 401

Delta R.T. -0.00 min

Lab File: VW001883.D

Acq: 05 Apr 2018 19:00

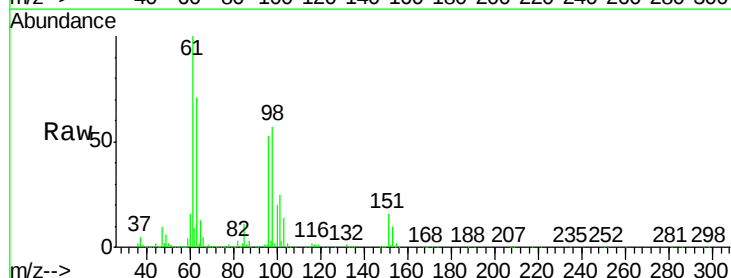
Tgt Ion: 96 Resp: 125403

Ion Ratio Lower Upper

96 100

61 188.1 127.1 236.1

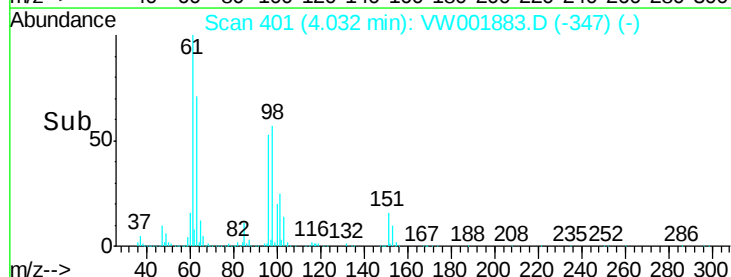
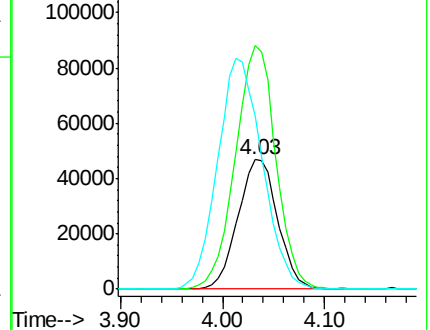
63 133.6 86.5 160.7

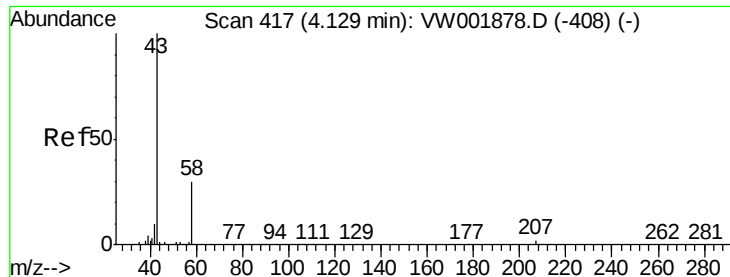


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 50.94 ug/L

RT: 4.13 min Scan# 417

Delta R.T. -0.00 min

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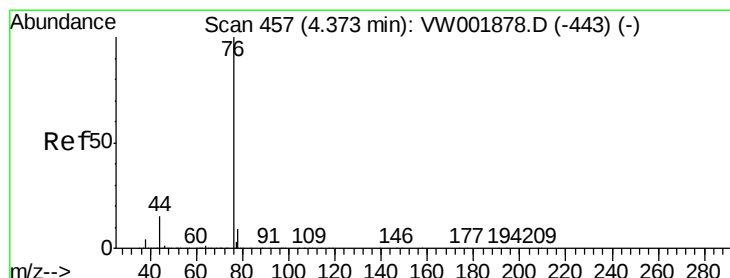
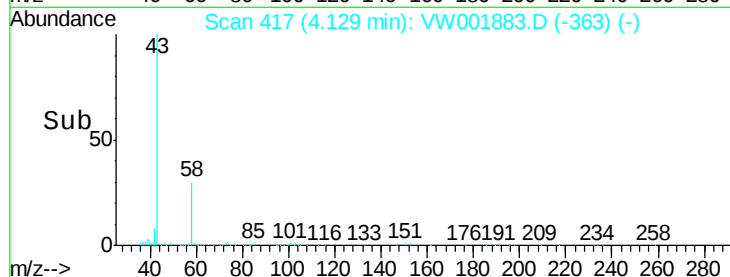
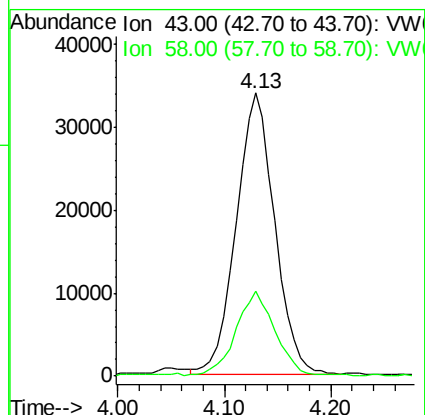
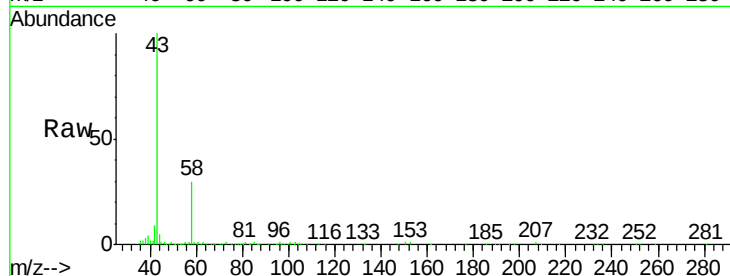
VICV87

Tgt Ion: 43 Resp: 85773

Ion Ratio Lower Upper

43 100

58 30.2 0.0 59.6



#14

Carbon disulfide

Concen: 26.51 ug/L

RT: 4.37 min Scan# 457

Delta R.T. -0.00 min

Lab File: VW001883.D

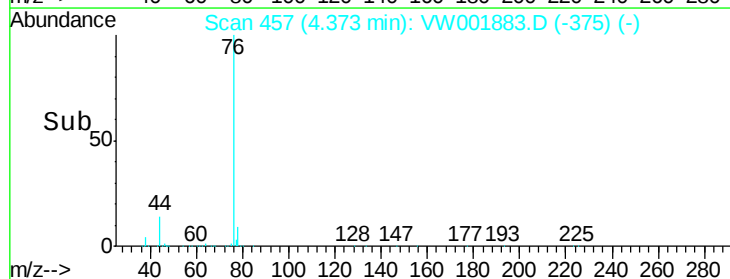
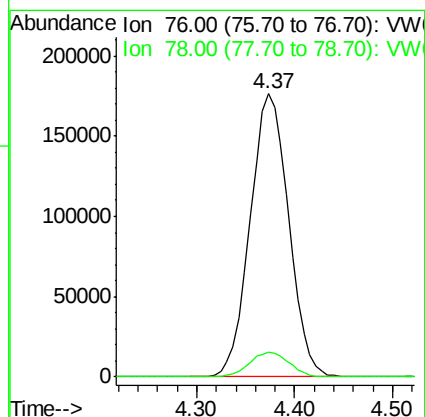
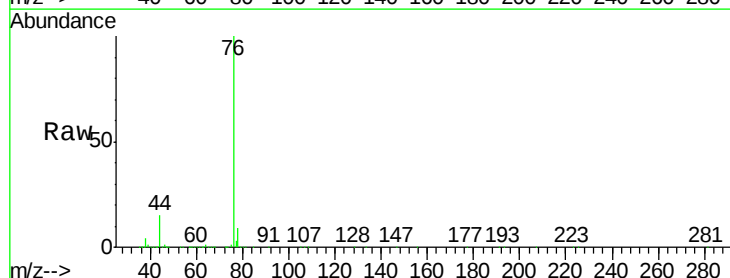
Acq: 05 Apr 2018 19:00

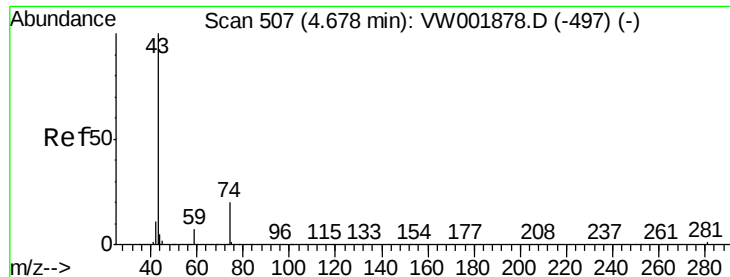
Tgt Ion: 76 Resp: 482372

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

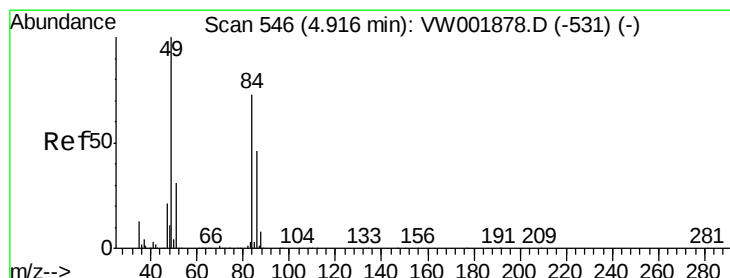
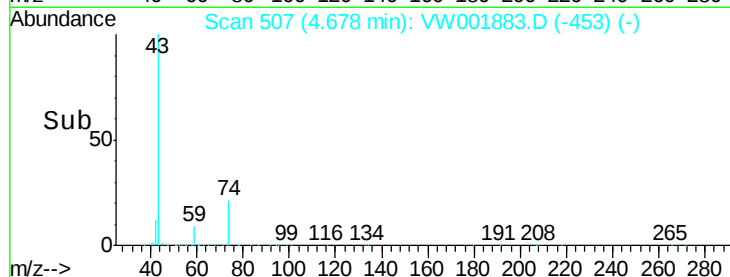
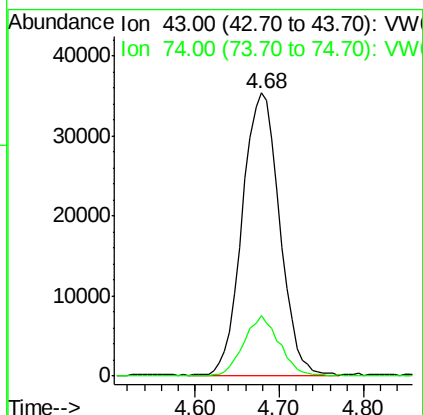
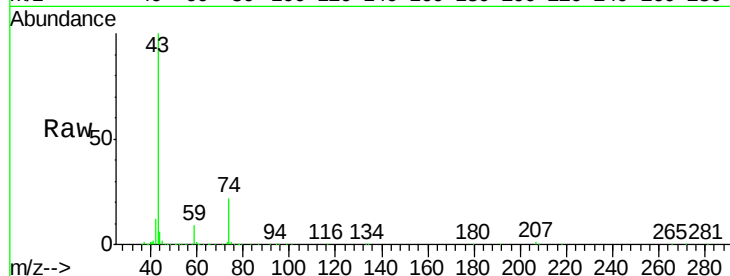




#15
Methyl Acetate
Concen: 26.66 ug/L
RT: 4.68 min Scan# 507
Delta R.T. -0.00 min
Lab File: VW001883.D
Acq: 05 Apr 2018 19:00

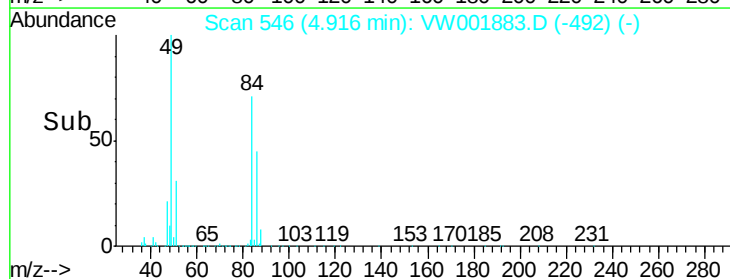
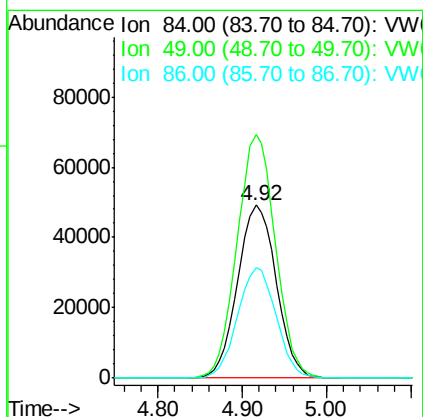
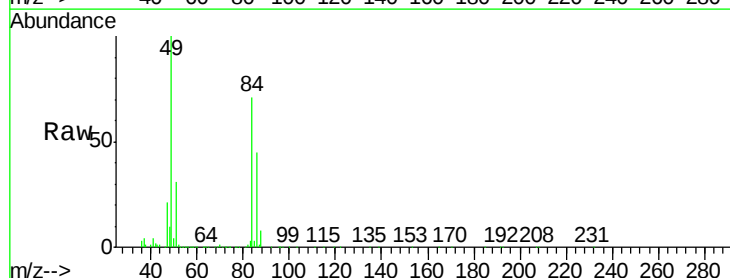
Instrument :
MSVOA_W
ClientSampleId :
VICV87

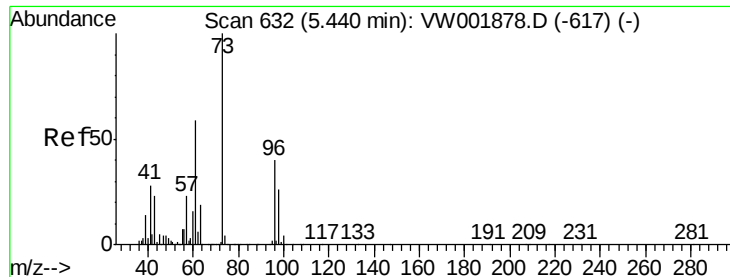
Tgt Ion: 43 Resp: 106945
Ion Ratio Lower Upper
43 100
74 20.3 17.0 25.4



#16
Methylene chloride
Concen: 20.76 ug/L
RT: 4.92 min Scan# 546
Delta R.T. -0.00 min
Lab File: VW001883.D
Acq: 05 Apr 2018 19:00

Tgt Ion: 84 Resp: 153618
Ion Ratio Lower Upper
84 100
49 140.8 96.2 178.6
86 64.0 44.1 81.9

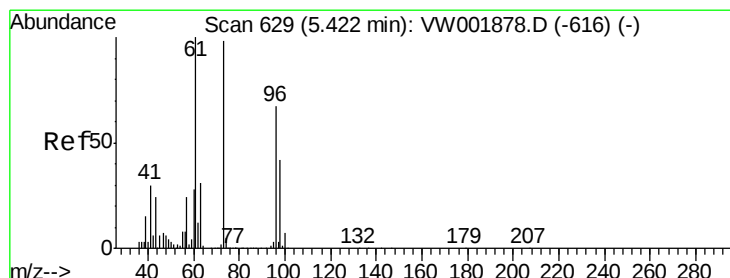
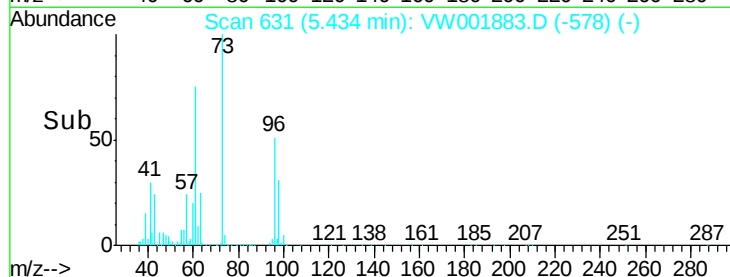
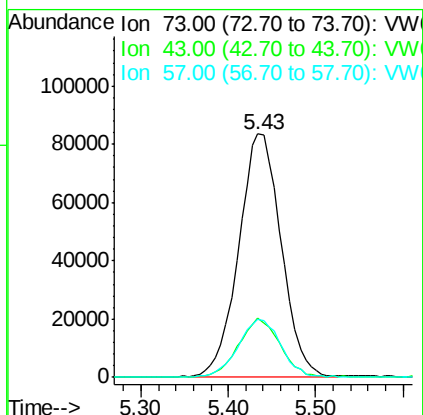
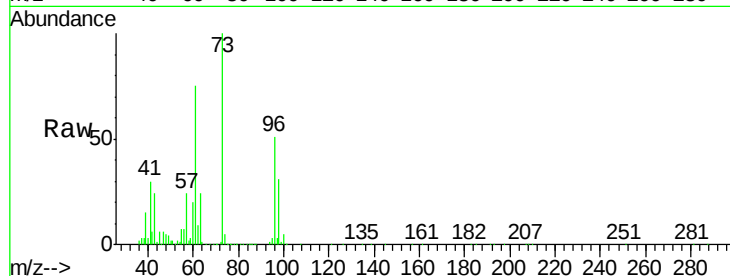




#17
Methyl tert-butyl Ether
Concen: 24.18 ug/L
RT: 5.43 min Scan# 631
Delta R.T. -0.01 min
Lab File: VW001883.D
Acq: 05 Apr 2018 19:00

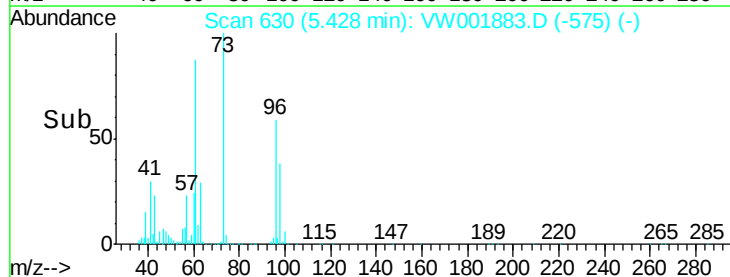
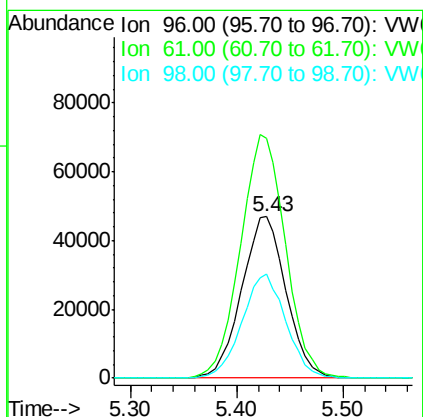
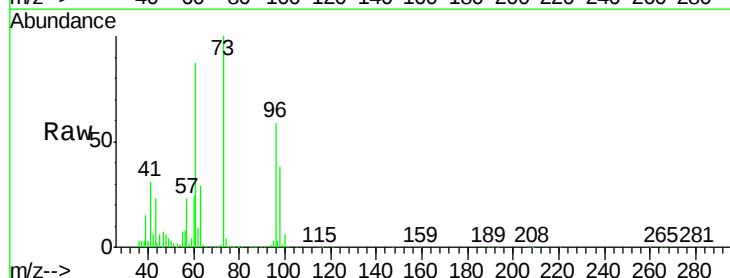
Instrument :
MSVOA_W
ClientSampled :
VICV87

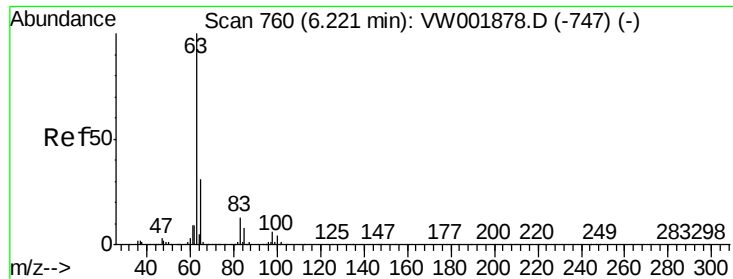
Tgt Ion: 73 Resp: 280710
Ion Ratio Lower Upper
73 100
43 23.7 18.6 28.0
57 24.3 19.4 29.0



#18
trans-1,2-Dichloroethene
Concen: 24.84 ug/L
RT: 5.43 min Scan# 630
Delta R.T. 0.01 min
Lab File: VW001883.D
Acq: 05 Apr 2018 19:00

Tgt Ion: 96 Resp: 137370
Ion Ratio Lower Upper
96 100
61 148.3 104.3 193.7
98 64.7 44.2 82.0

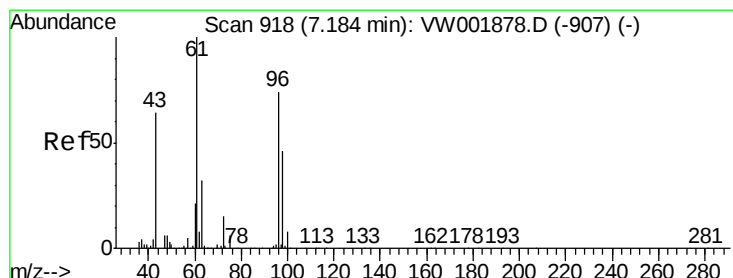
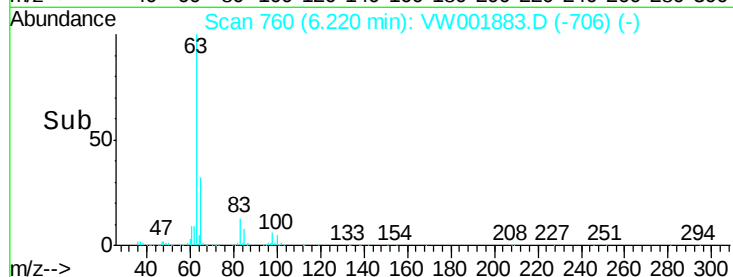
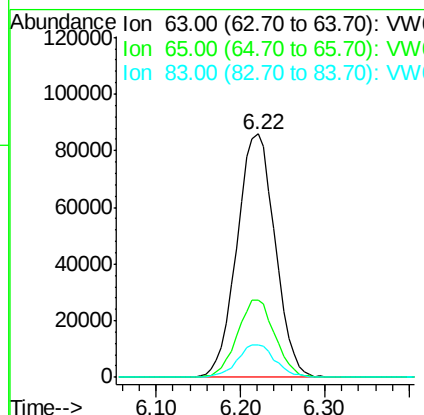
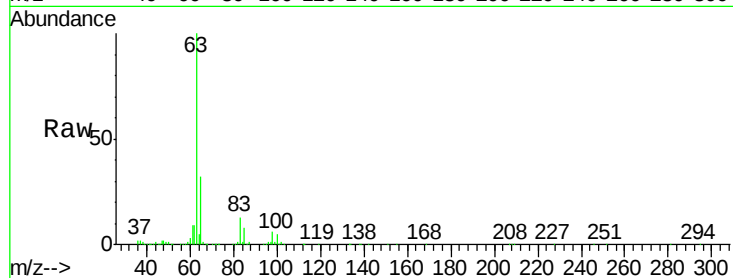




#19
 1,1-Dichloroethane
 Concen: 24.69 ug/L
 RT: 6.22 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: VW001883.D
 Acq: 05 Apr 2018 19:00

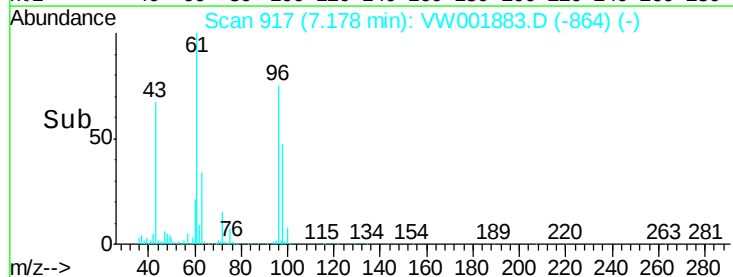
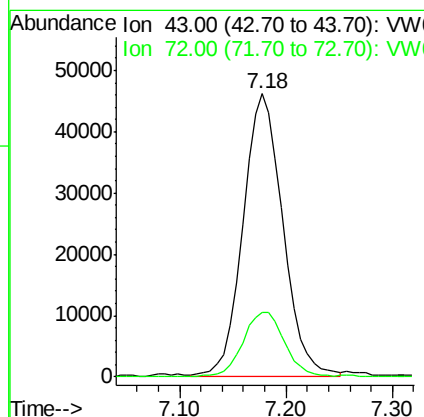
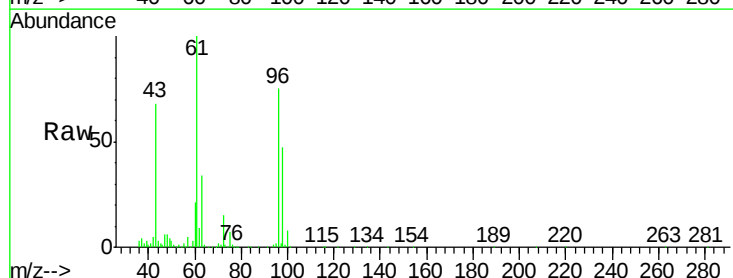
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV87

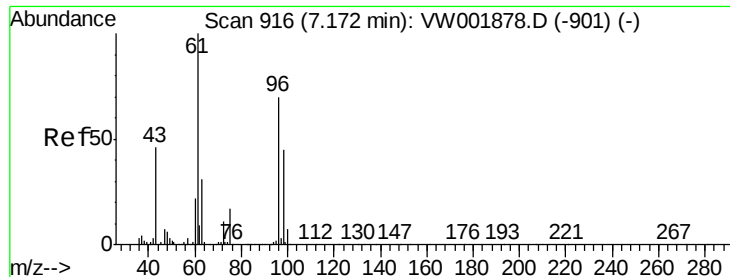
Tgt Ion: 63 Resp: 262911
 Ion Ratio Lower Upper
 63 100
 65 32.0 21.7 40.3
 83 13.3 8.8 16.4



#21
 2-Butanone
 Concen: 51.78 ug/L
 RT: 7.18 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: VW001883.D
 Acq: 05 Apr 2018 19:00

Tgt Ion: 43 Resp: 120627
 Ion Ratio Lower Upper
 43 100
 72 24.1 12.2 36.6



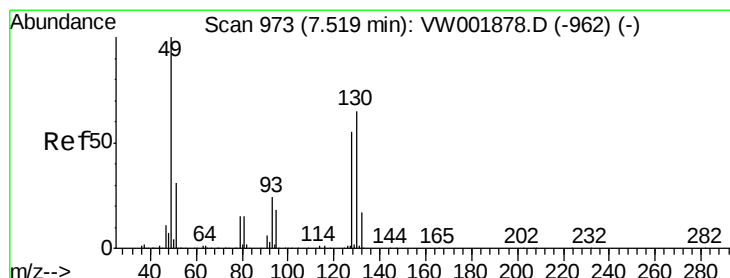
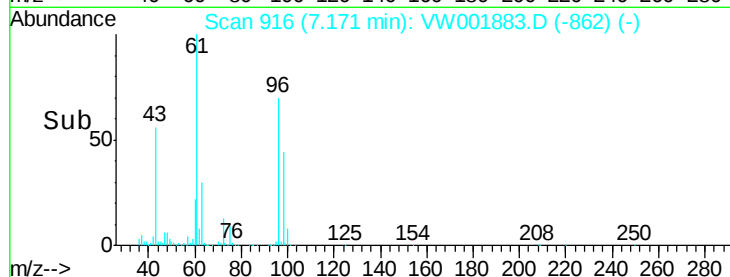
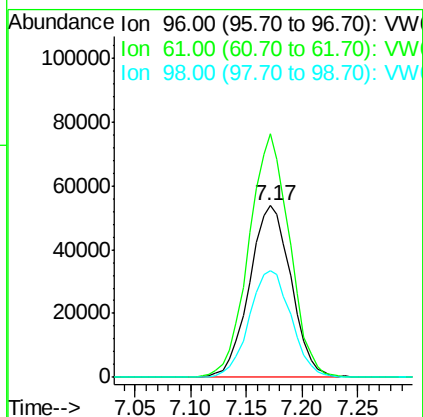
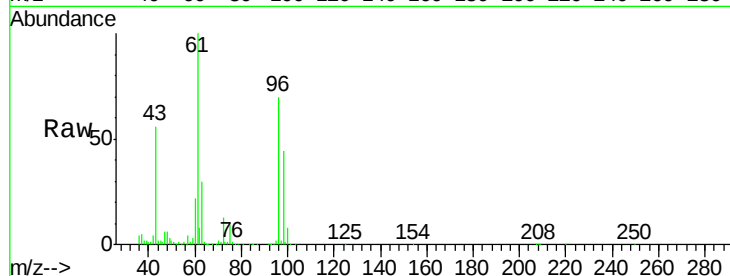


#22

cis-1,2-Dichloroethene
Concen: 24.61 ug/L
RT: 7.17 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW001883.D
Acq: 05 Apr 2018 19:00

Instrument :
MSVOA_W
ClientSampled :
VICV87

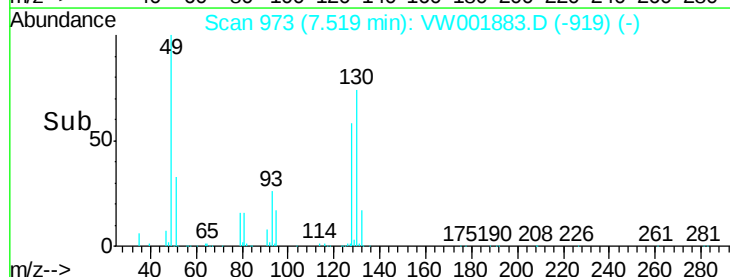
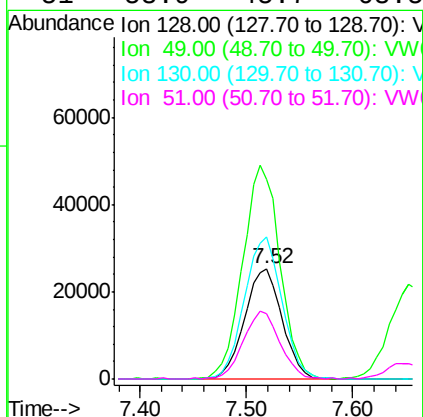
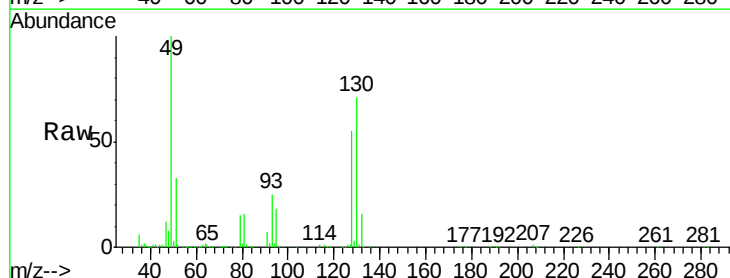
Tgt Ion: 96 Resp: 140065
Ion Ratio Lower Upper
96 100
61 141.9 99.5 184.9
98 62.0 45.2 84.0

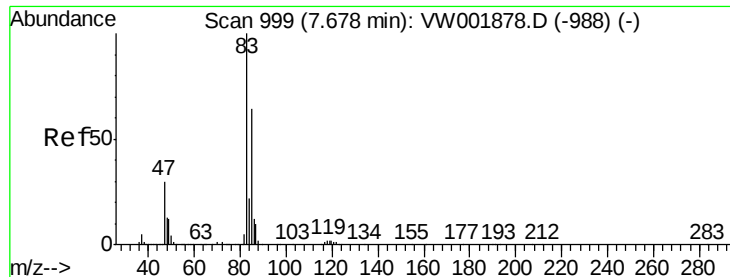


#23

Bromochloromethane
Concen: 24.63 ug/L
RT: 7.52 min Scan# 973
Delta R.T. -0.00 min
Lab File: VW001883.D
Acq: 05 Apr 2018 19:00

Tgt Ion: 128 Resp: 62499
Ion Ratio Lower Upper
128 100
49 180.4 127.9 237.5
130 128.9 82.9 153.9
51 58.9 45.7 68.5





#25

Chloroform

Concen: 23.79 ug/L

RT: 7.68 min Scan# 999

Delta R.T. -0.00 min

Lab File: VW001883.D

Acq: 05 Apr 2018 19:00

Instrument :

MSVOA_W

ClientSampled :

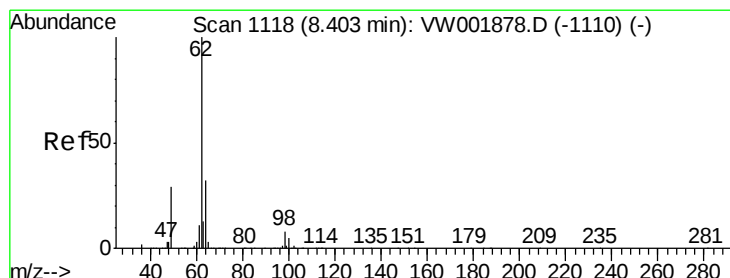
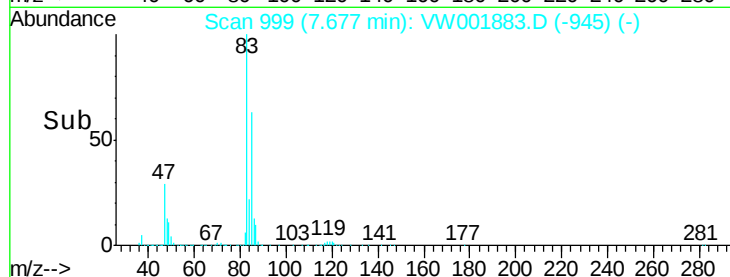
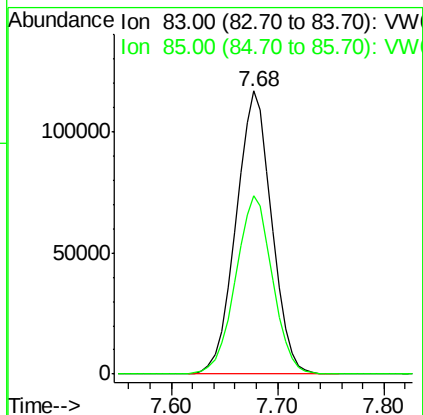
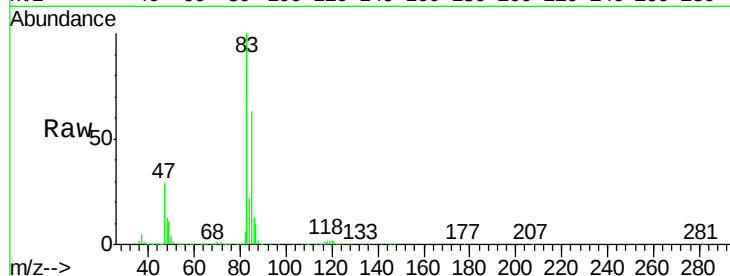
VICV87

Tgt Ion: 83 Resp: 274488

Ion Ratio Lower Upper

83 100

85 64.9 45.6 84.6



#27

1,2-Dichloroethane

Concen: 24.48 ug/L

RT: 8.40 min Scan# 1118

Delta R.T. -0.00 min

Lab File: VW001883.D

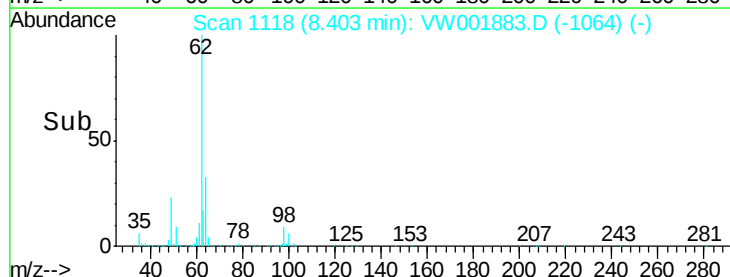
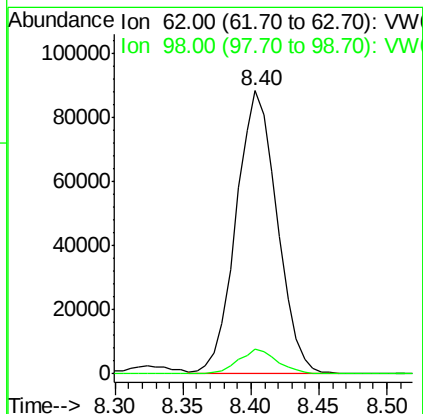
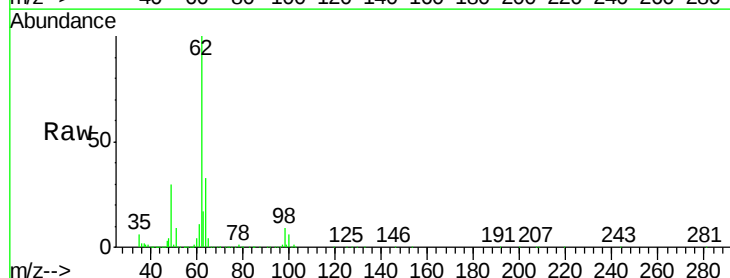
Acq: 05 Apr 2018 19:00

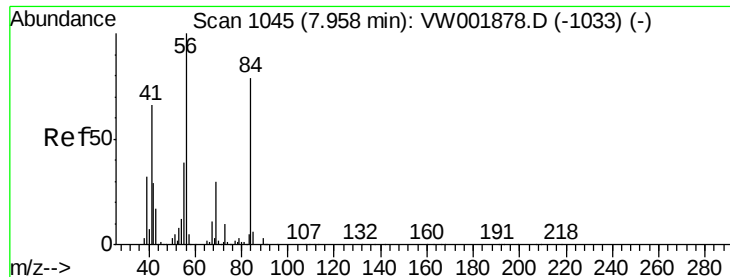
Tgt Ion: 62 Resp: 186647

Ion Ratio Lower Upper

62 100

98 9.0 6.7 10.1

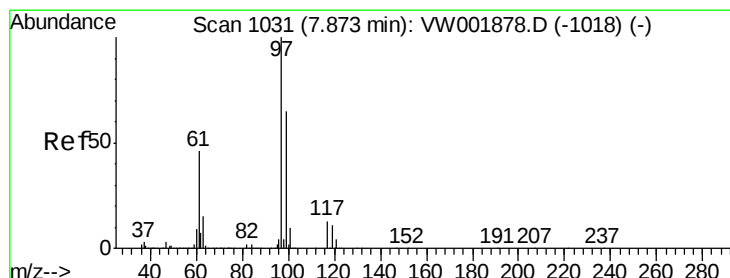
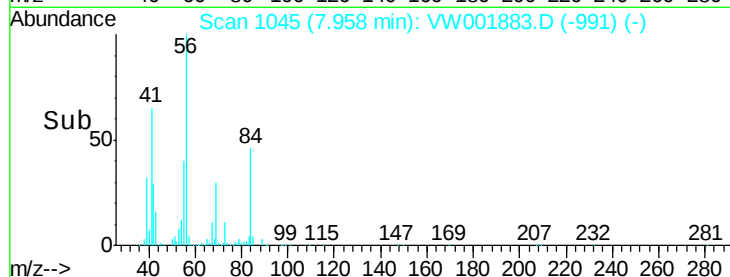
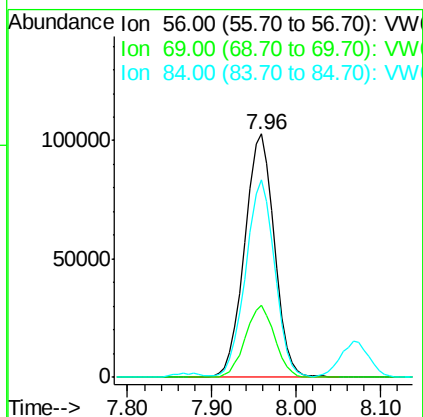
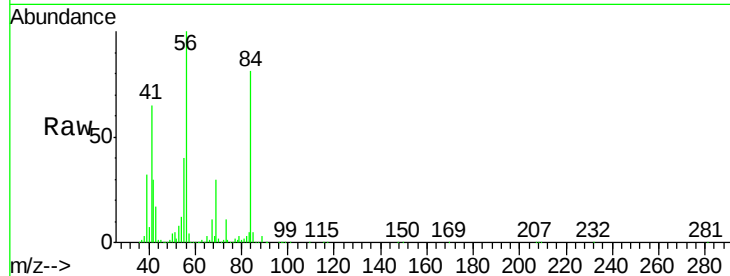




#30
Cyclohexane
Concen: 26.28 ug/L
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW001883.D
Acq: 05 Apr 2018 19:00

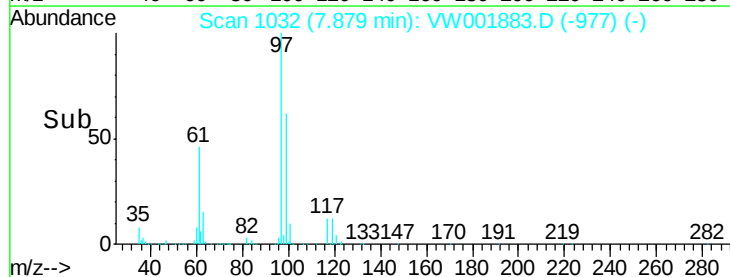
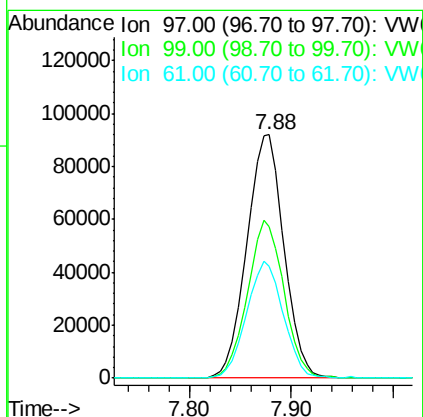
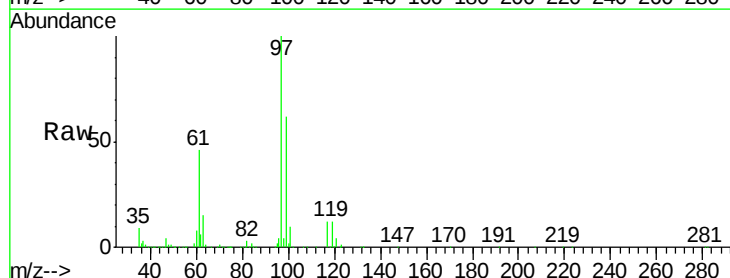
Instrument :
MSVOA_W
ClientSampled :
VICV87

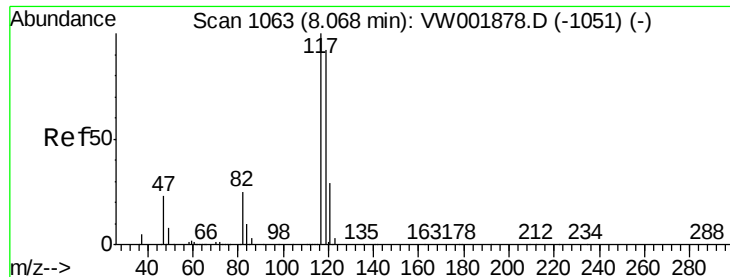
Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.3	22.9	34.3
84	79.9	64.3	96.5



#31
1,1,1-Trichloroethane
Concen: 24.49 ug/L
RT: 7.88 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VW001883.D
Acq: 05 Apr 2018 19:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	52.0	78.0
61	47.7	38.0	57.0





#32

Carbon tetrachloride

Concen: 24.12 ug/L

RT: 8.07 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VW001883.D

Acq: 05 Apr 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

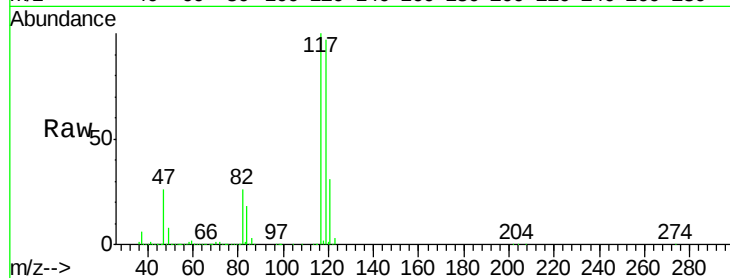
VICV87

Tgt Ion:117 Resp: 210744

Ion Ratio Lower Upper

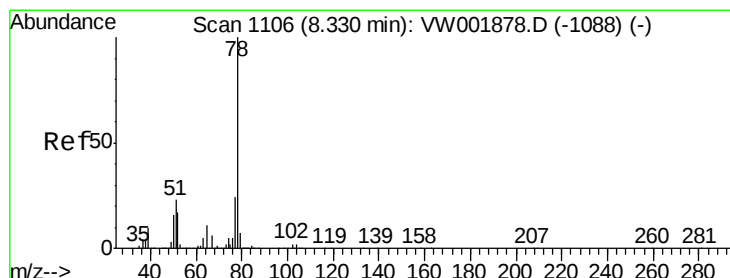
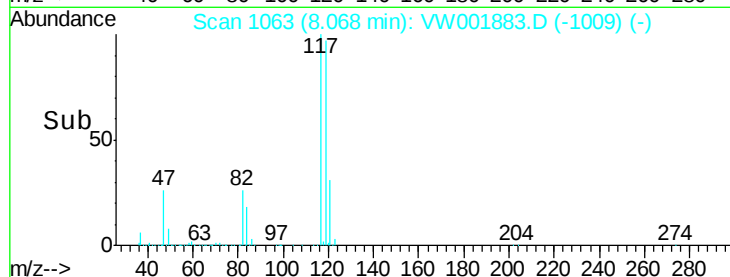
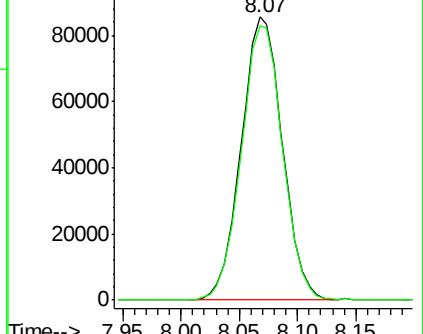
117 100

119 97.5 76.3 114.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 25.13 ug/L

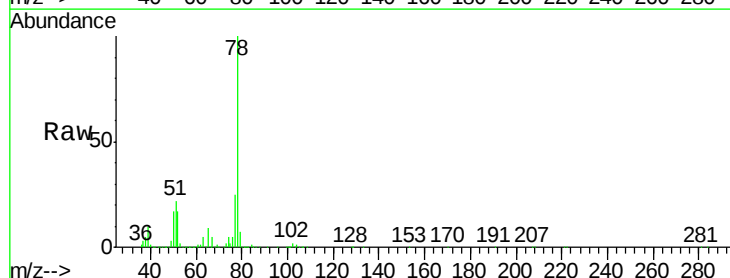
RT: 8.33 min Scan# 1106

Delta R.T. -0.00 min

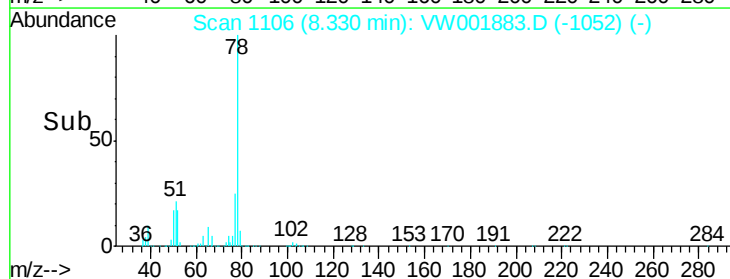
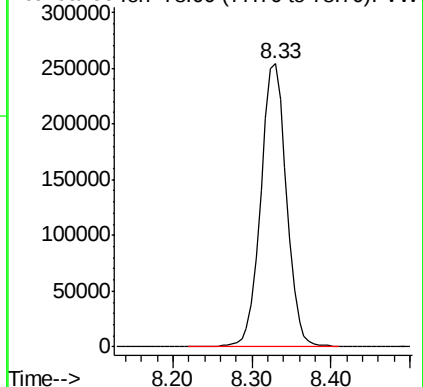
Lab File: VW001883.D

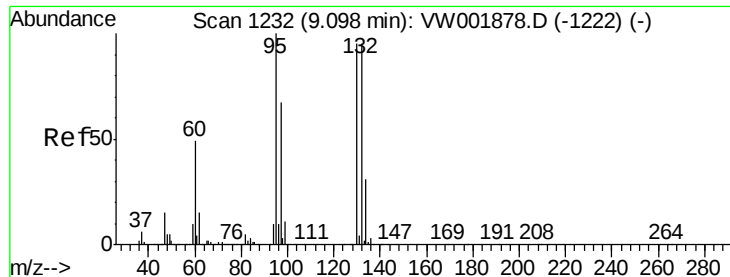
Acq: 05 Apr 2018 19:00

Tgt Ion: 78 Resp: 576441



Abundance Ion 78.00 (77.70 to 78.70): VW





#35

Trichloroethene

Concen: 24.00 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW001883.D

Acq: 05 Apr 2018 19:00

Instrument :

MSVOA_W

ClientSampled :

VICV87

Tgt Ion: 95 Resp: 146908

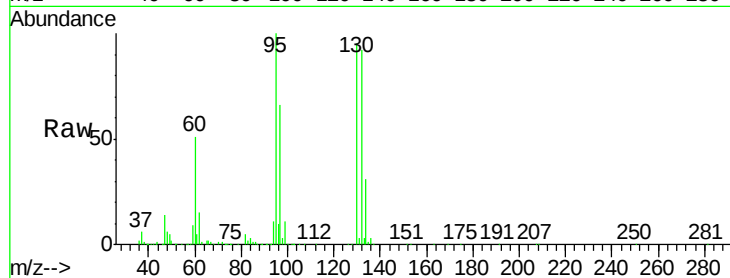
Ion Ratio Lower Upper

95 100

97 65.4 44.9 83.3

132 93.9 66.2 123.0

130 98.8 68.5 127.1

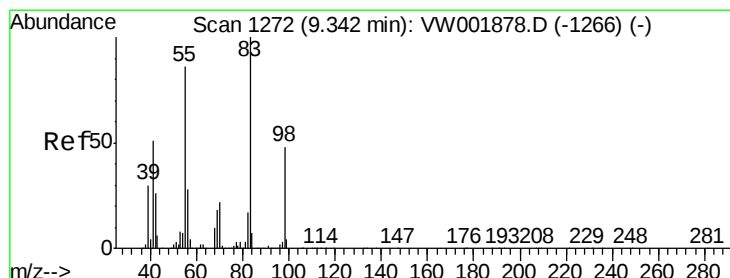
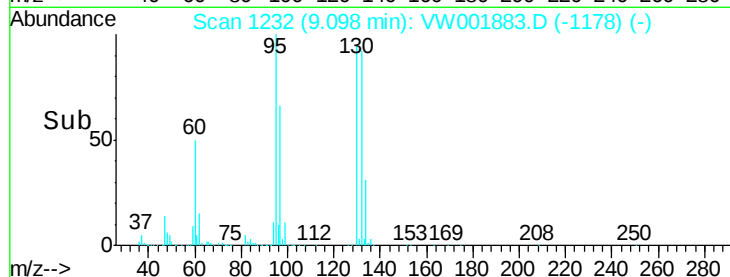
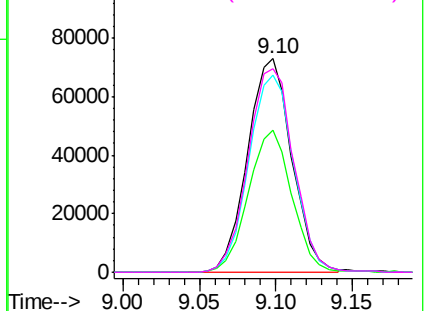


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 26.28 ug/L

RT: 9.34 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VW001883.D

Acq: 05 Apr 2018 19:00

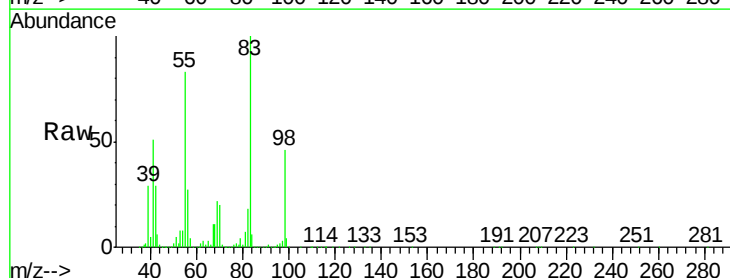
Tgt Ion: 83 Resp: 254504

Ion Ratio Lower Upper

83 100

55 87.0 67.0 100.4

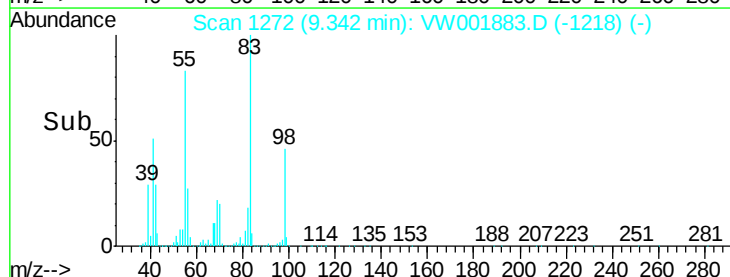
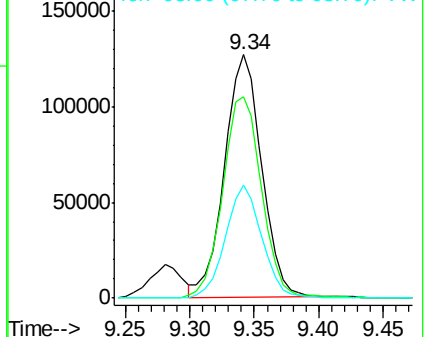
98 46.0 35.9 53.9

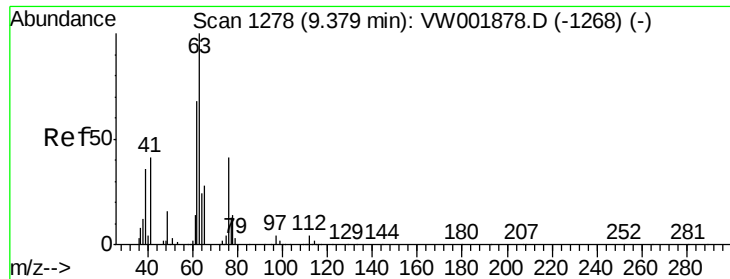


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

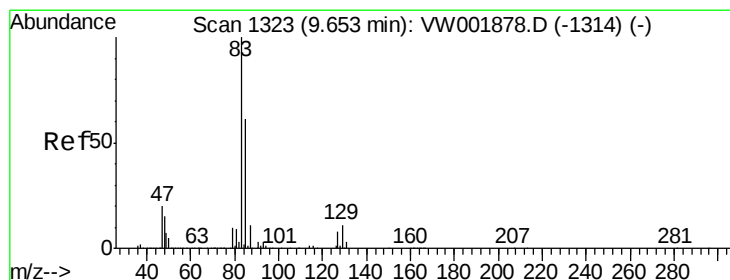
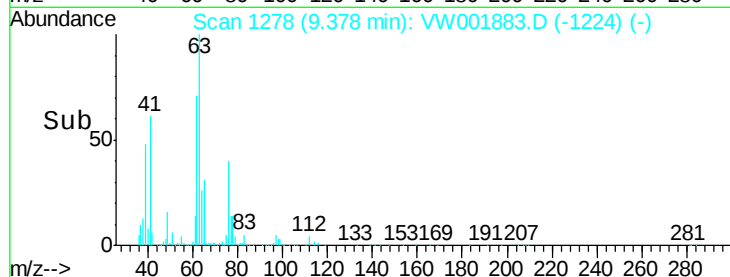
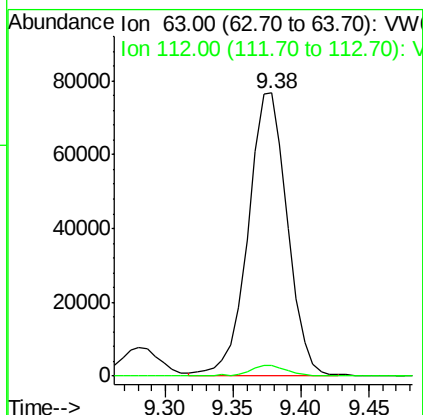
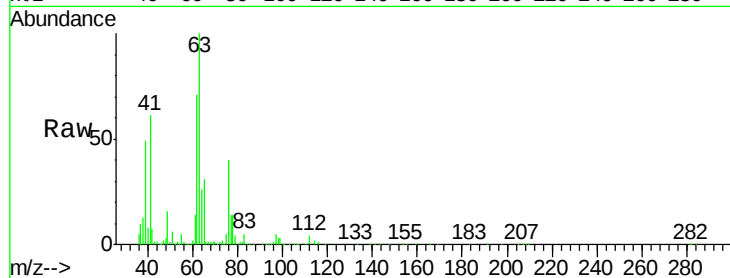




#40
 1,2-Dichloropropane
 Concen: 25.07 ug/L
 RT: 9.38 min Scan# 1278
 Delta R.T. -0.00 min
 Lab File: VW001883.D
 Acq: 05 Apr 2018 19:00

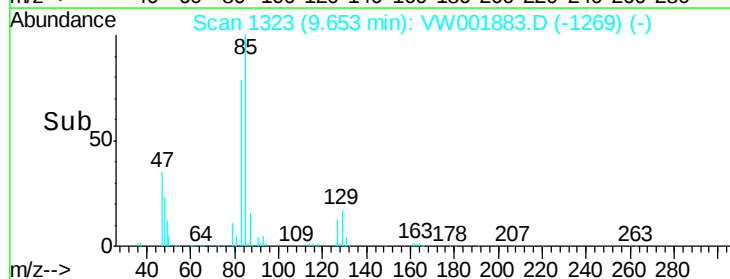
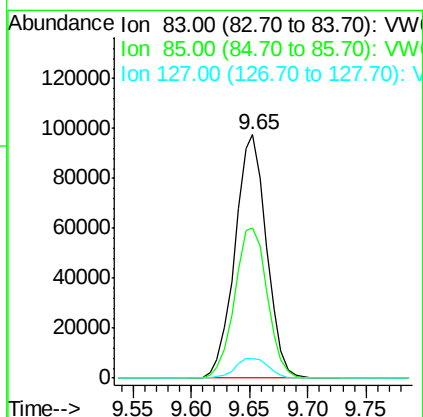
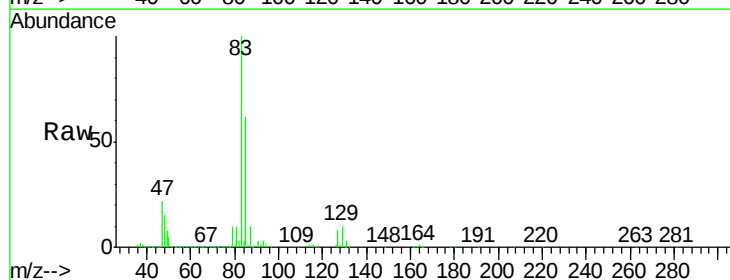
Instrument :
 MSVOA_W
 ClientSampled :
 VICV87

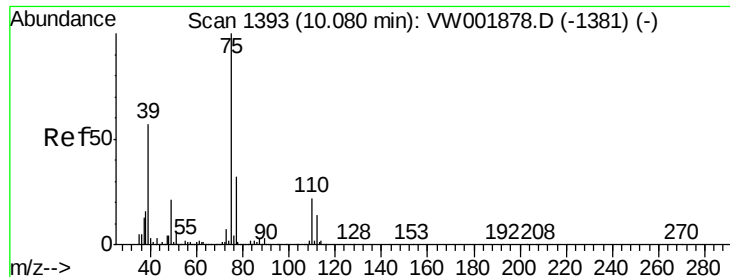
Tgt Ion: 63 Resp: 155036
 Ion Ratio Lower Upper
 63 100
 112 3.7 2.9 4.3



#41
 Bromodichloromethane
 Concen: 23.97 ug/L
 RT: 9.65 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VW001883.D
 Acq: 05 Apr 2018 19:00

Tgt Ion: 83 Resp: 184348
 Ion Ratio Lower Upper
 83 100
 85 61.9 42.7 79.3
 127 8.1 6.5 9.7





#42

cis-1,3-Dichloropropene

Concen: 24.27 ug/L

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW001883.D

Acq: 05 Apr 2018 19:00

Instrument :

MSVOA_W

ClientSampled :

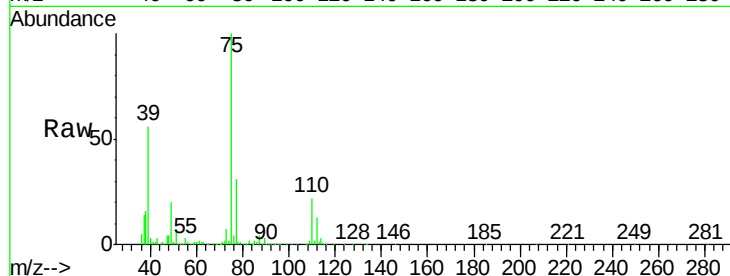
VICV87

Tgt Ion: 75 Resp: 210124

Ion Ratio Lower Upper

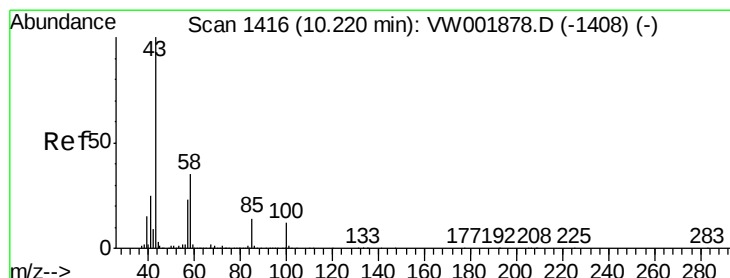
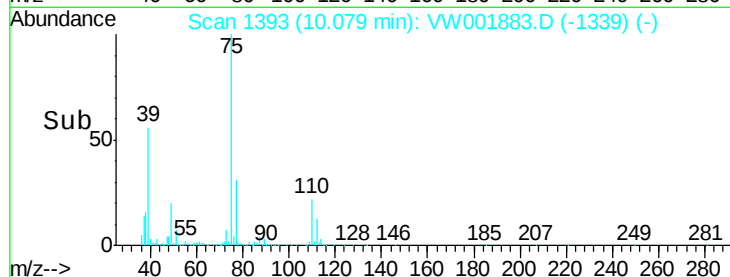
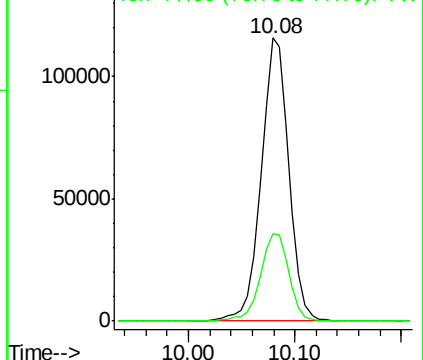
75 100

77 31.1 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#43

4-Methyl-2-pentanone

Concen: 51.51 ug/L

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW001883.D

Acq: 05 Apr 2018 19:00

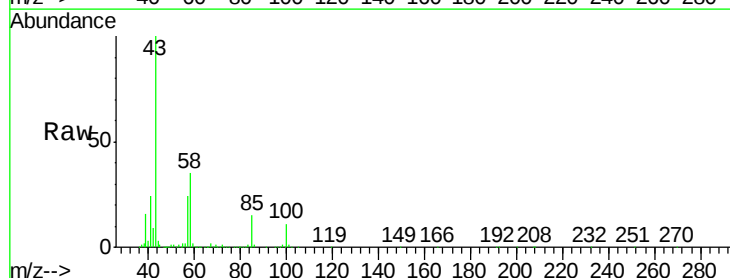
Tgt Ion: 43 Resp: 244196

Ion Ratio Lower Upper

43 100

58 34.4 28.1 42.1

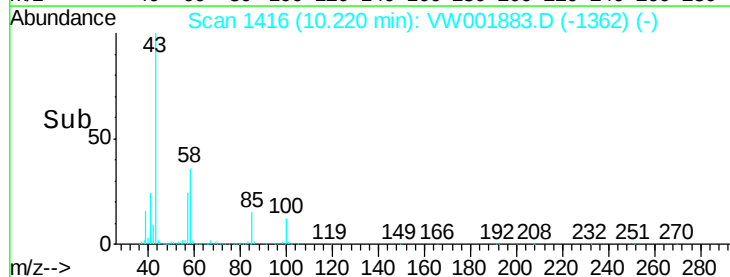
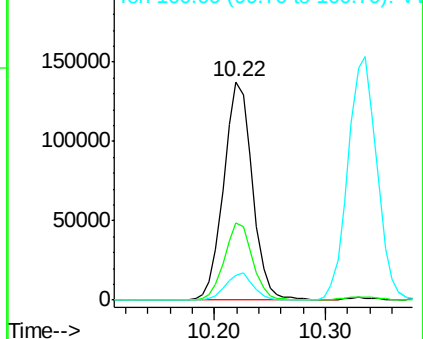
100 12.0 9.6 14.4

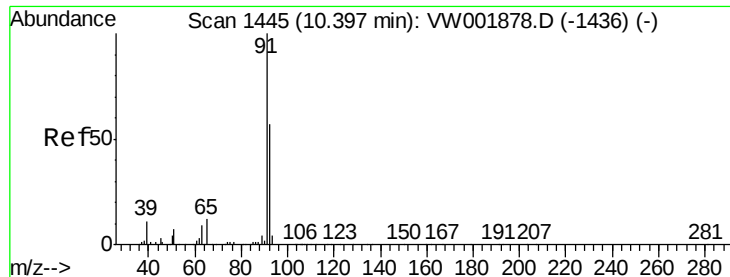


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW





#44

Toluene

Concen: 25.92 ug/L

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW001883.D

Acq: 05 Apr 2018 19:00

Instrument :

MSVOA_W

ClientSampled :

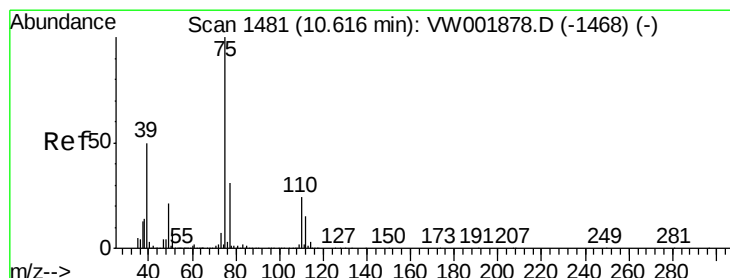
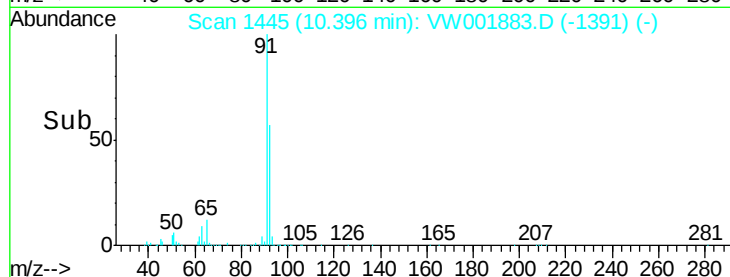
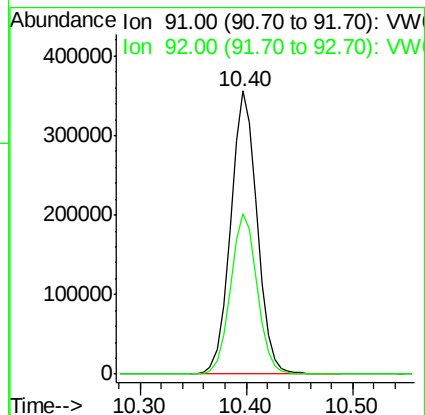
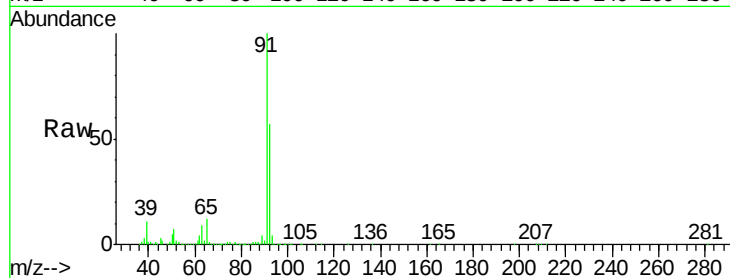
VICV87

Tgt Ion: 91 Resp: 619848

Ion Ratio Lower Upper

91 100

92 56.7 40.0 74.2



#45

trans-1,3-Dichloropropene

Concen: 25.36 ug/L

RT: 10.62 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW001883.D

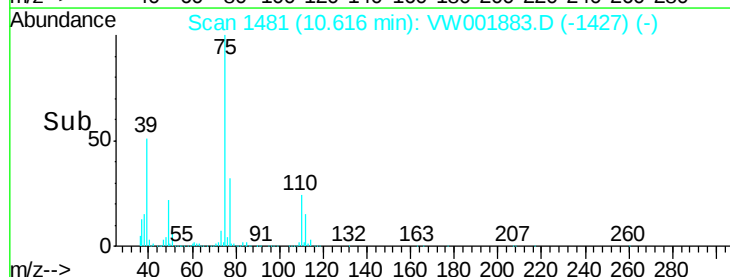
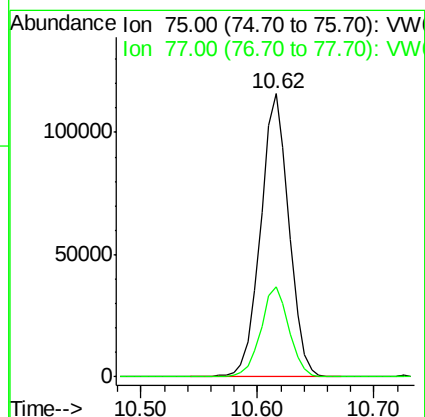
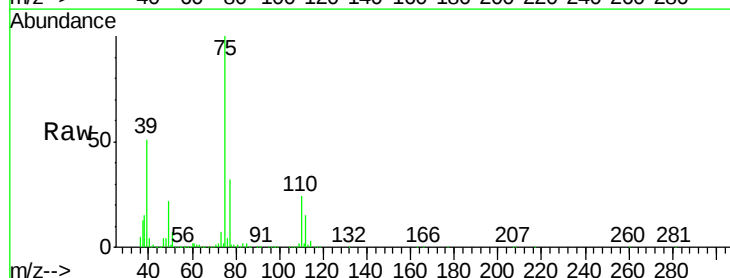
Acq: 05 Apr 2018 19:00

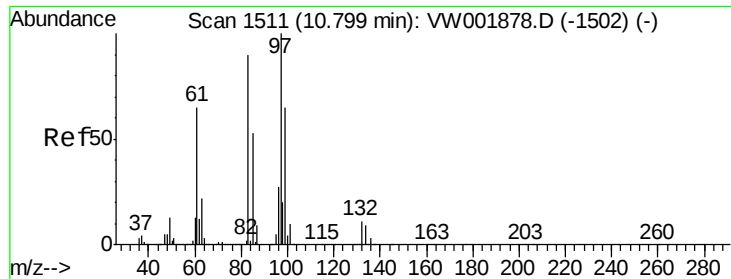
Tgt Ion: 75 Resp: 194613

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.6

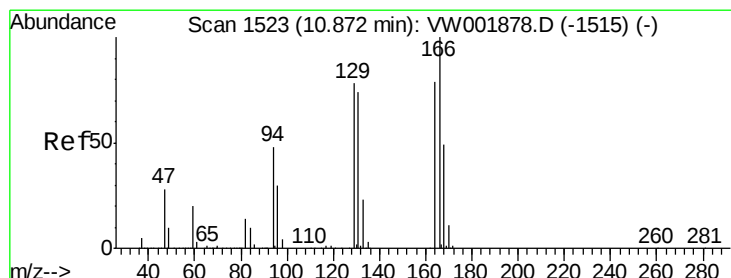
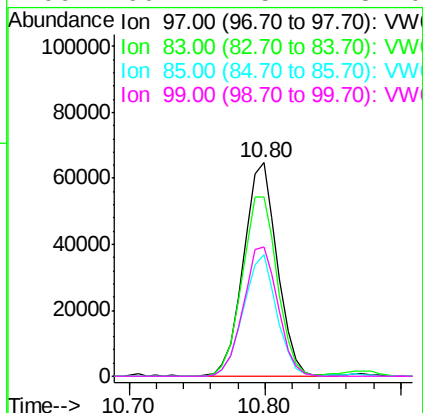
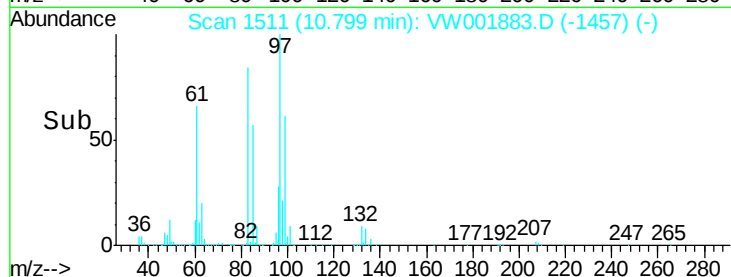
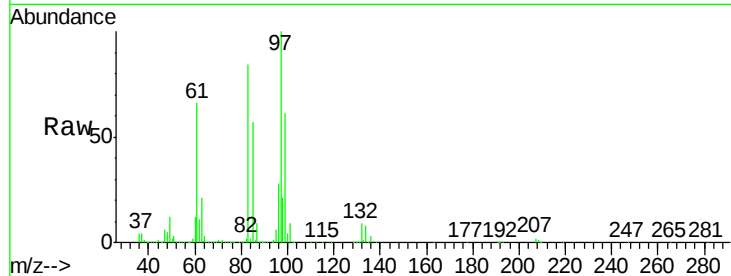




#46
 1,1,2-Trichloroethane
 Concen: 24.29 ug/L
 RT: 10.80 min Scan# 1511
 Delta R.T. -0.00 min
 Lab File: VW001883.D
 Acq: 05 Apr 2018 19:00

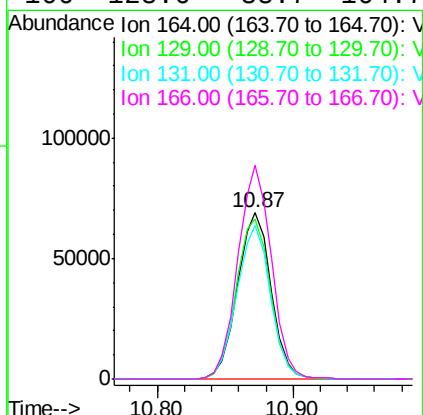
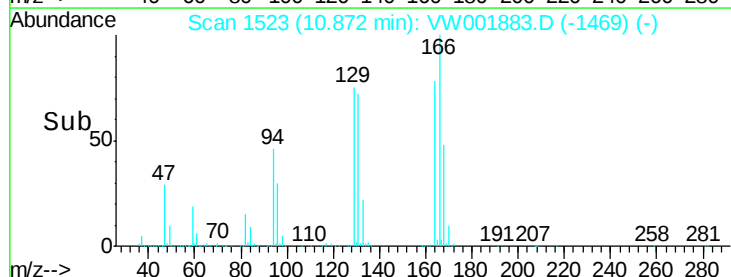
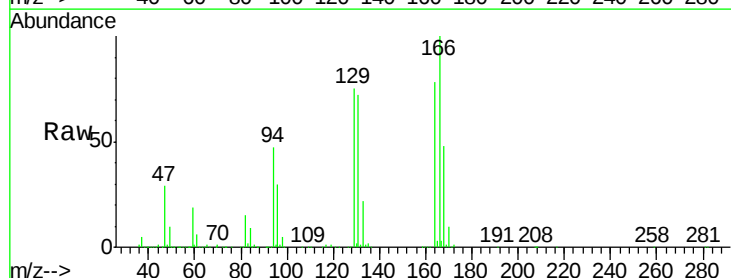
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV87

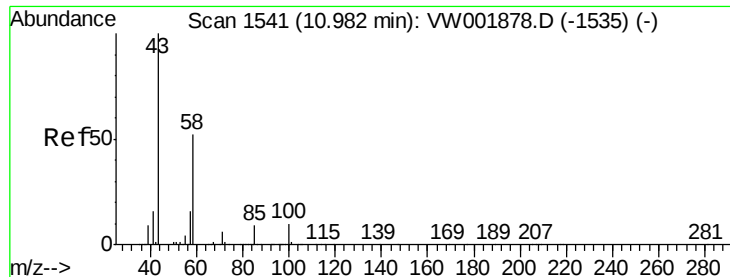
Tgt Ion:	97	Resp:	112421
Ion	Ratio	Lower	Upper
97	100		
83	84.1	62.6	116.3
85	56.8	37.2	69.2
99	60.7	45.2	84.0



#47
 Tetrachloroethene
 Concen: 24.69 ug/L
 RT: 10.87 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: VW001883.D
 Acq: 05 Apr 2018 19:00

Tgt Ion:	164	Resp:	119363
Ion	Ratio	Lower	Upper
164	100		
129	96.5	68.7	127.7
131	92.7	65.7	122.1
166	128.6	88.7	164.7

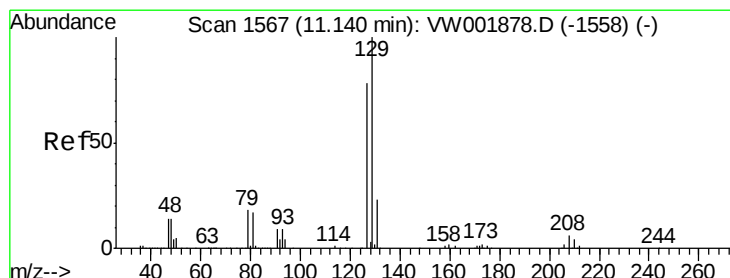
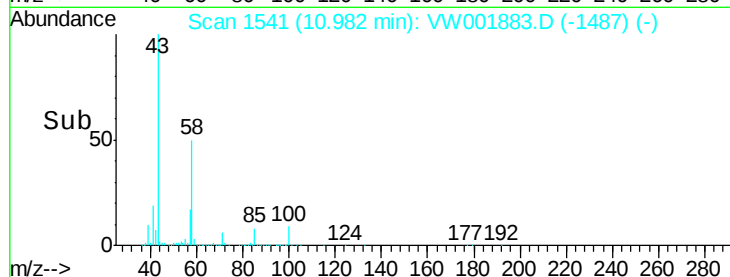
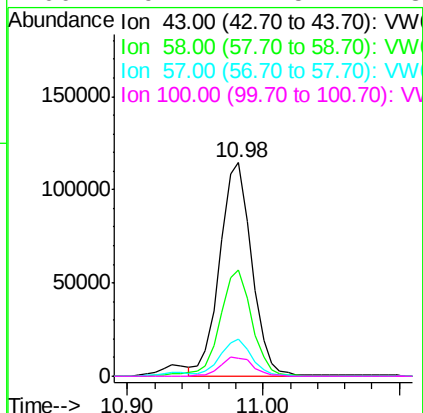
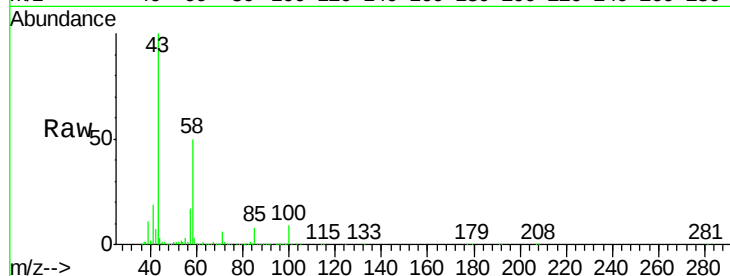




#49
2-Hexanone
Concen: 54.27 ug/L
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VW001883.D
Acq: 05 Apr 2018 19:00

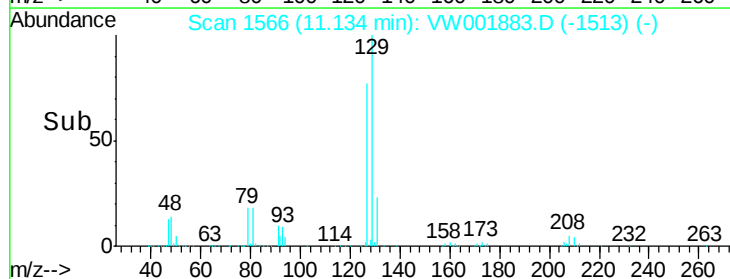
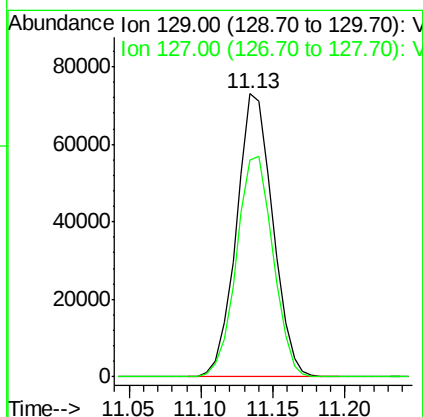
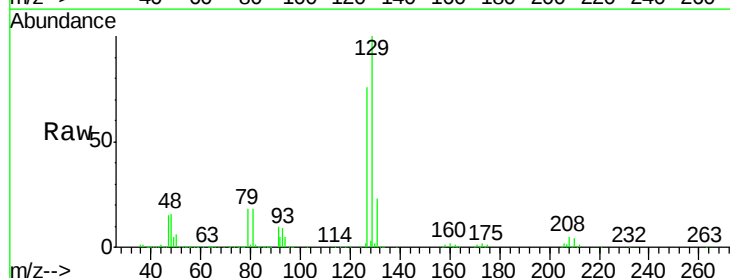
Instrument :
MSVOA_W
ClientSampleId :
VICV87

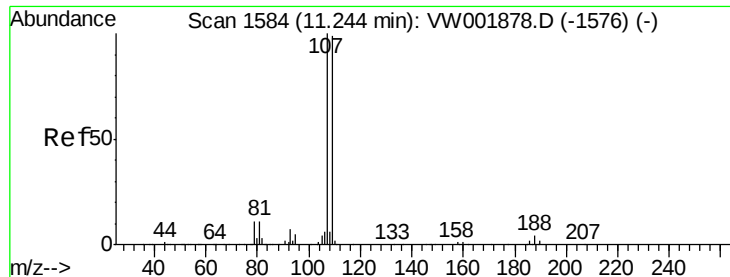
Tgt Ion:	43	Resp:	186503
Ion	Ratio	Lower	Upper
43	100		
58	50.1	40.5	60.7
57	17.2	13.8	20.6
100	9.2	7.5	11.3



#50
Dibromochloromethane
Concen: 24.05 ug/L
RT: 11.13 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VW001883.D
Acq: 05 Apr 2018 19:00

Tgt Ion:	129	Resp:	127827
Ion	Ratio	Lower	Upper
129	100		
127	76.5	54.8	101.8





#51

1,2-Dibromoethane

Concen: 24.29 ug/L

RT: 11.24 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VW001883.D

Acq: 05 Apr 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

VICV87

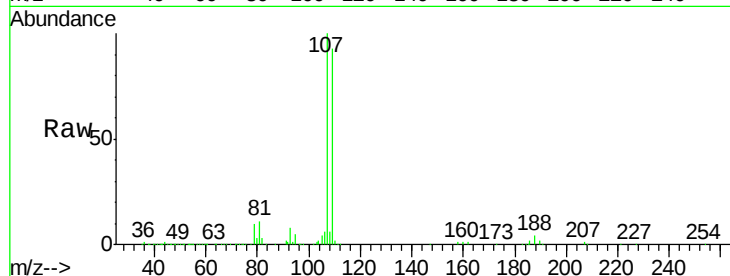
Tgt Ion:107 Resp: 103751

Ion Ratio Lower Upper

107 100

109 92.8 69.0 128.2

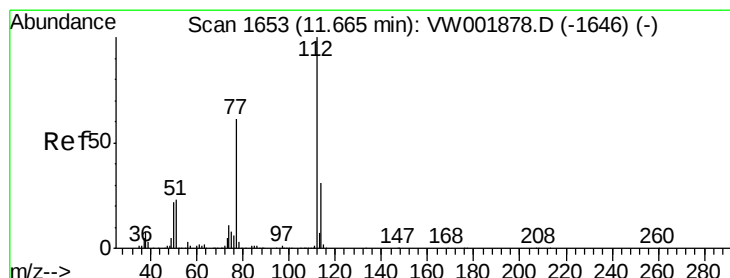
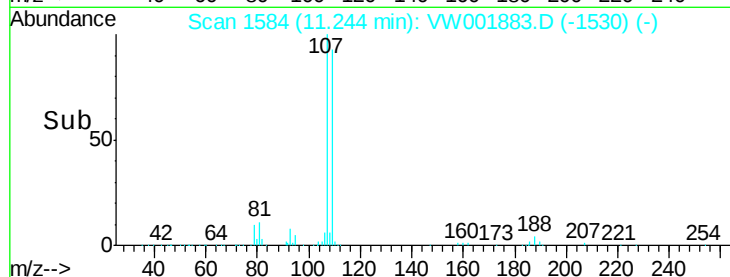
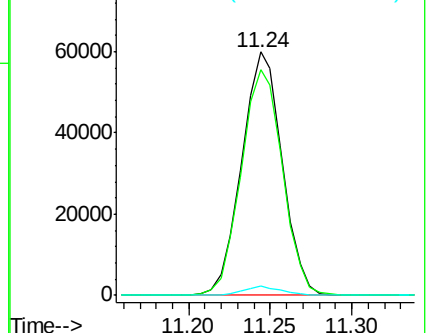
188 3.7 3.0 4.4



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: 24.69 ug/L

RT: 11.67 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VW001883.D

Acq: 05 Apr 2018 19:00

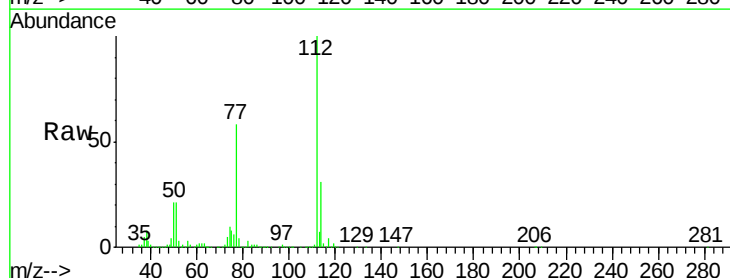
Tgt Ion:112 Resp: 382933

Ion Ratio Lower Upper

112 100

77 58.4 49.4 74.0

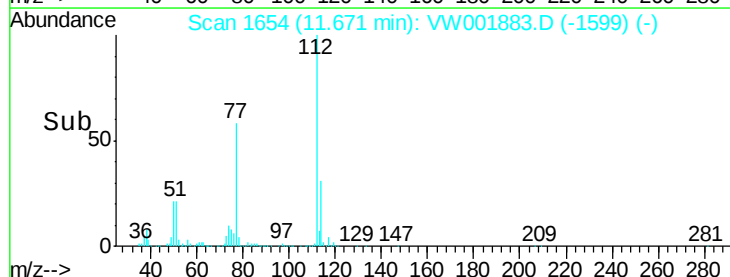
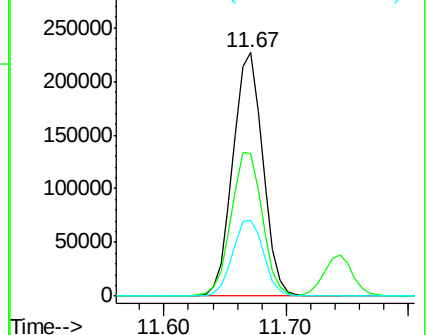
114 31.0 21.8 40.6

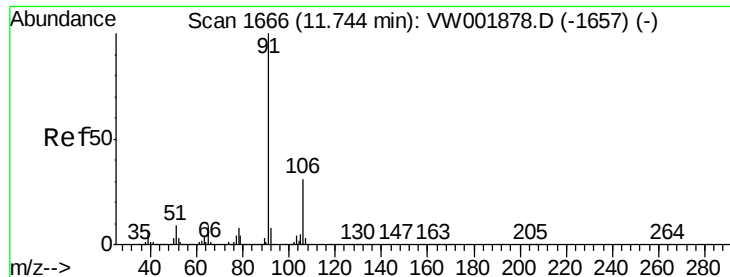


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): V

Ion 114.00 (113.70 to 114.70): V





#53

Ethylbenzene

Concen: 25.96 ug/L

RT: 11.74 min Scan# 1666

Delta R.T. -0.00 min

Lab File: VW001883.D

Acq: 05 Apr 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

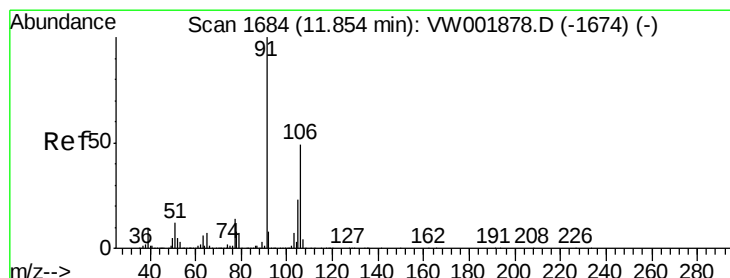
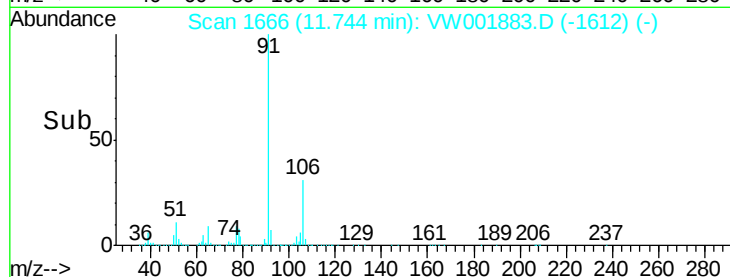
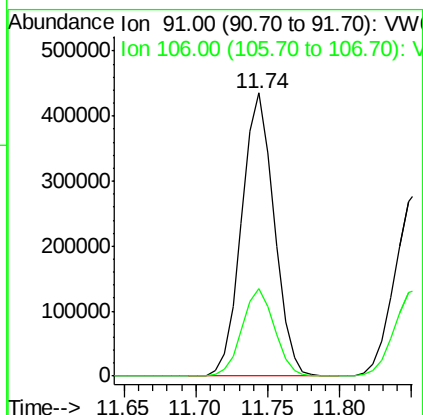
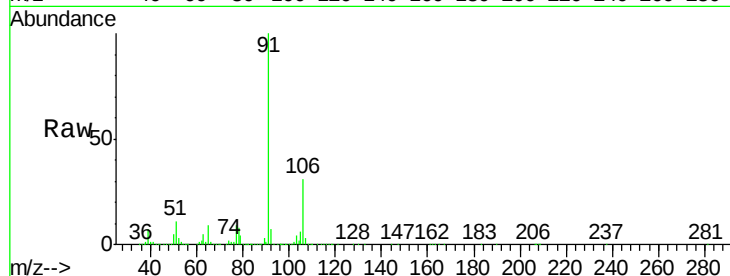
VICV87

Tgt Ion: 91 Resp: 683228

Ion Ratio Lower Upper

91 100

106 30.8 21.6 40.0



#54

m,p-Xylene

Concen: 26.02 ug/L

RT: 11.85 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VW001883.D

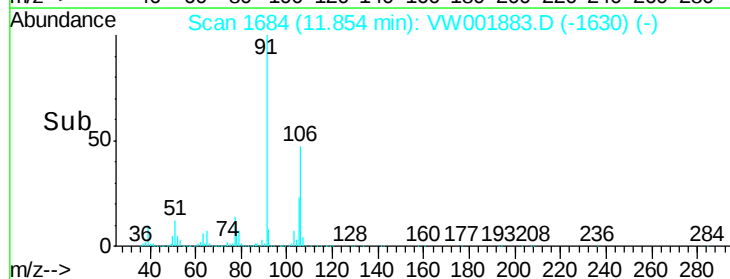
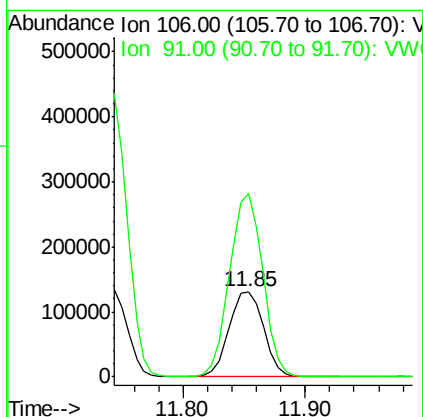
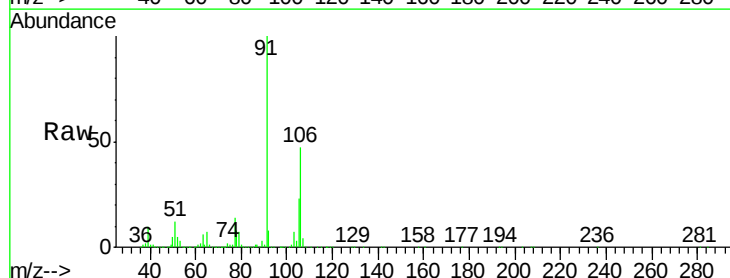
Acq: 05 Apr 2018 19:00

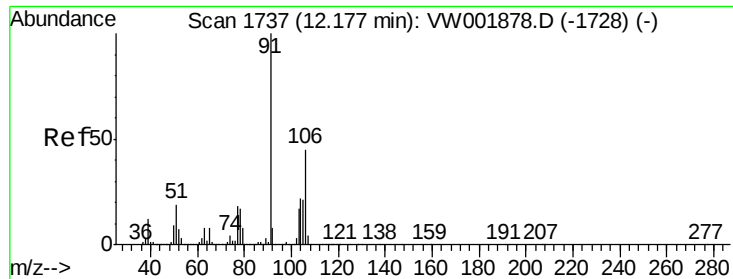
Tgt Ion: 106 Resp: 253952

Ion Ratio Lower Upper

106 100

91 215.0 142.9 265.3





#55

o-xylene

Concen: 25.93 ug/L

RT: 12.18 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VW001883.D

Acq: 05 Apr 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

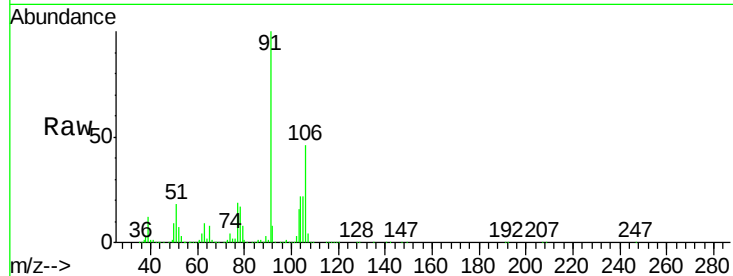
VICV87

Tgt Ion:106 Resp: 231350

Ion Ratio Lower Upper

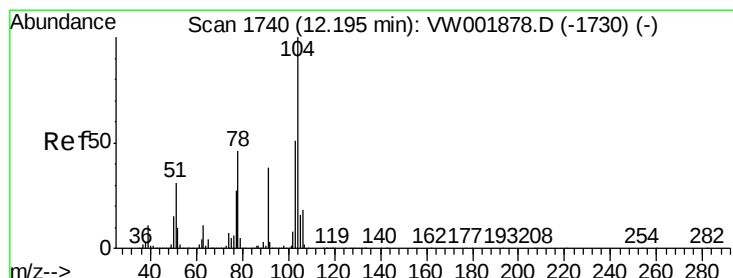
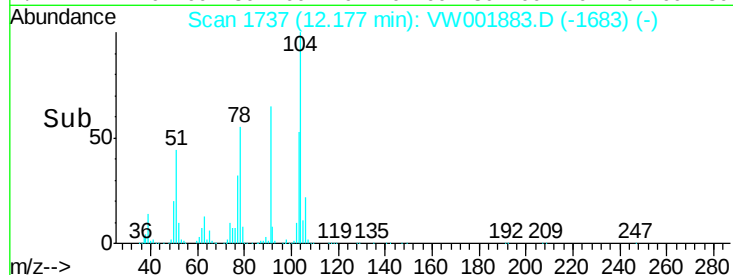
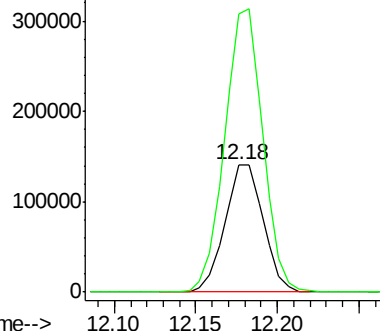
106 100

91 218.3 155.2 288.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#56

Styrene

Concen: 26.38 ug/L

RT: 12.19 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW001883.D

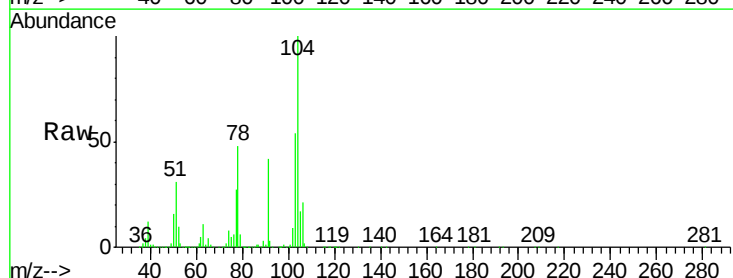
Acq: 05 Apr 2018 19:00

Tgt Ion:104 Resp: 403631

Ion Ratio Lower Upper

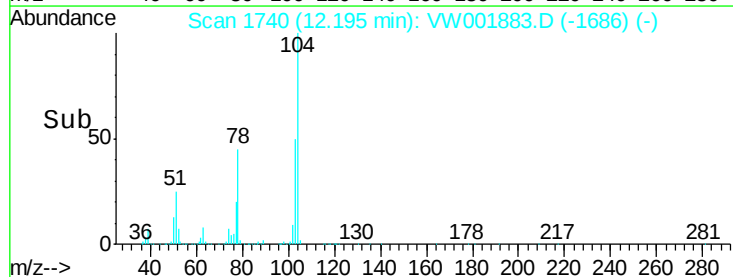
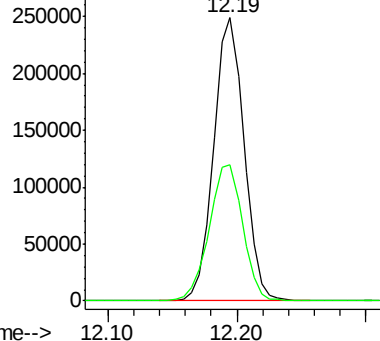
104 100

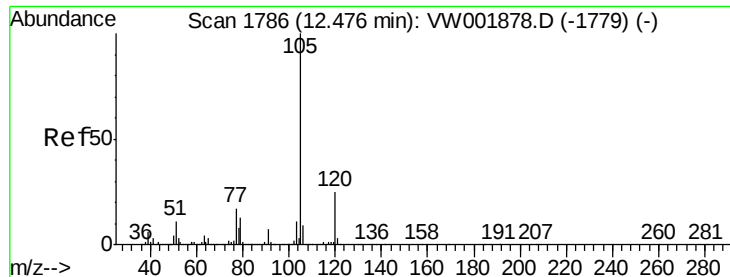
78 48.1 32.1 59.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW





#57

Isopropylbenzene

Concen: 26.87 ug/L

RT: 12.48 min Scan# 1787

Delta R.T. 0.01 min

Lab File: VW001883.D

Acq: 05 Apr 2018 19:00

Instrument :

MSVOA_W

ClientSampled :

VICV87

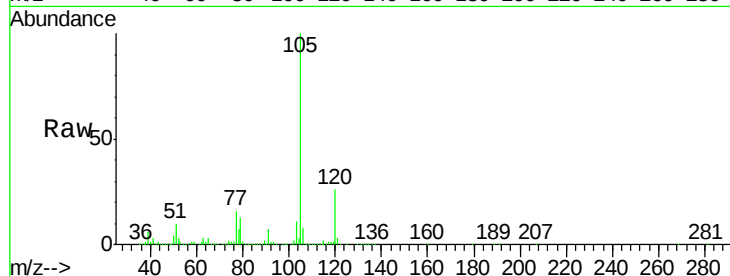
Tgt Ion: 105 Resp: 650694

Ion Ratio Lower Upper

105 100

120 26.1 20.7 31.1

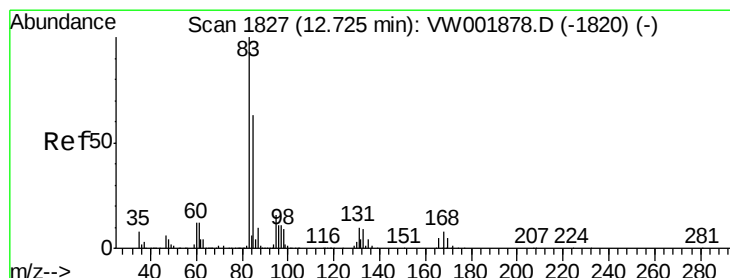
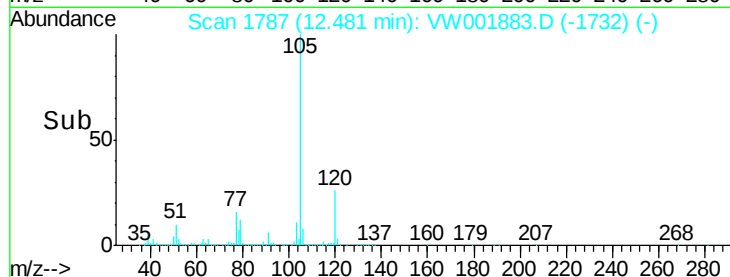
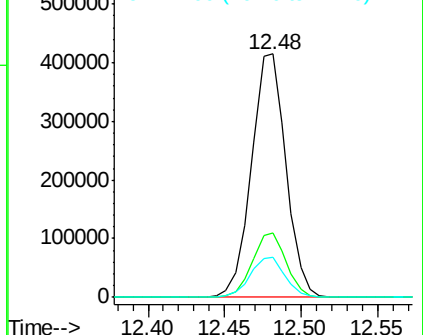
77 16.5 13.4 20.0



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: 24.88 ug/L

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW001883.D

Acq: 05 Apr 2018 19:00

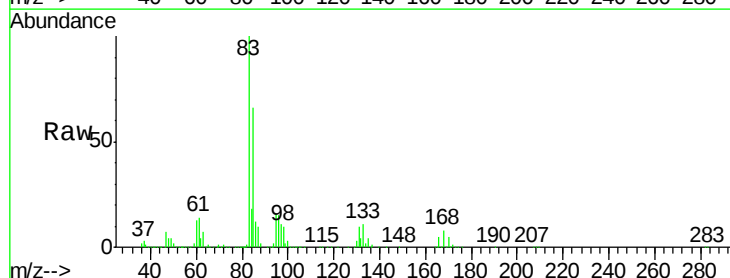
Tgt Ion: 83 Resp: 153670

Ion Ratio Lower Upper

83 100

85 65.7 44.0 81.6

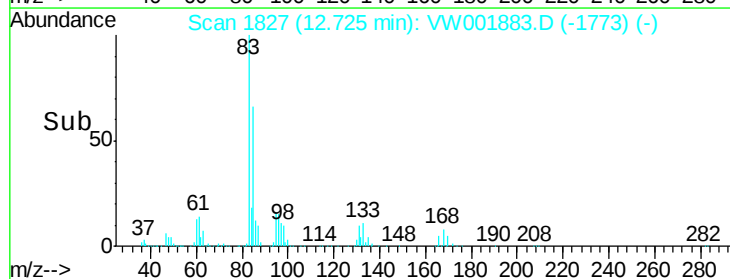
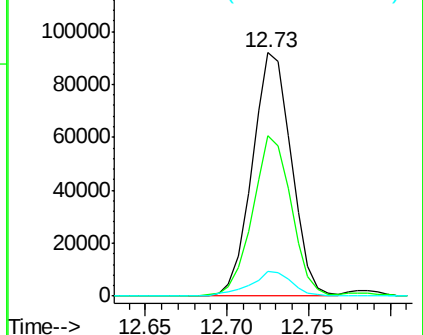
131 10.0 8.0 12.0

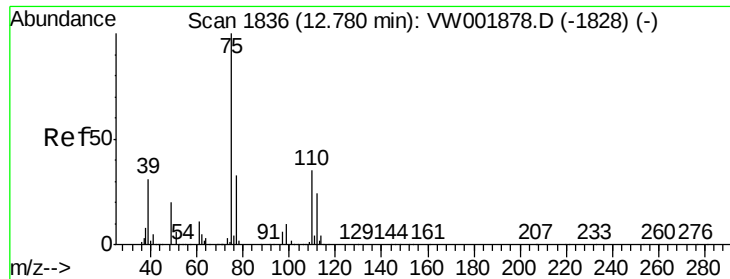


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 25.31 ug/L

RT: 12.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VW001883.D

Acq: 05 Apr 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

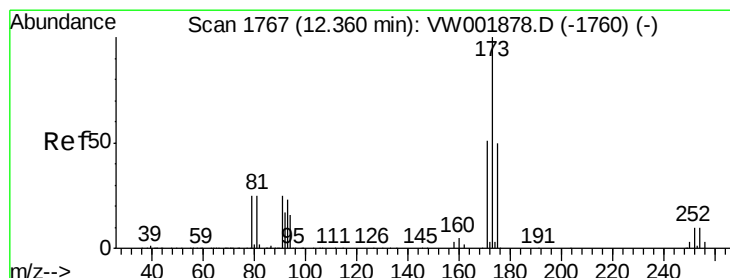
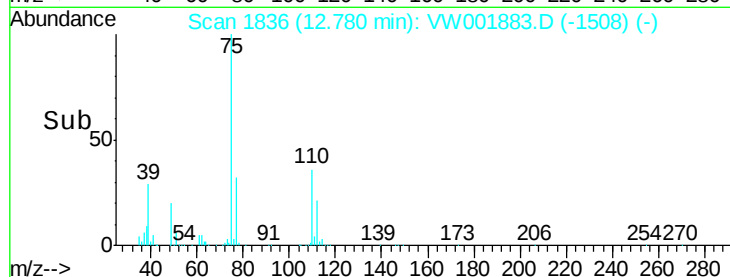
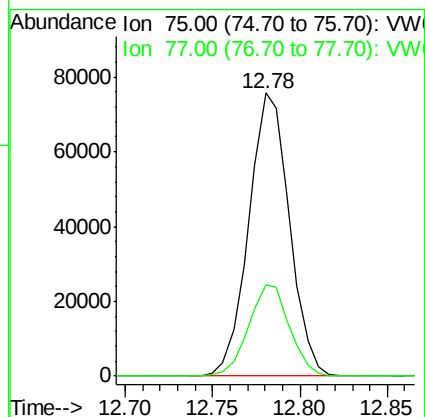
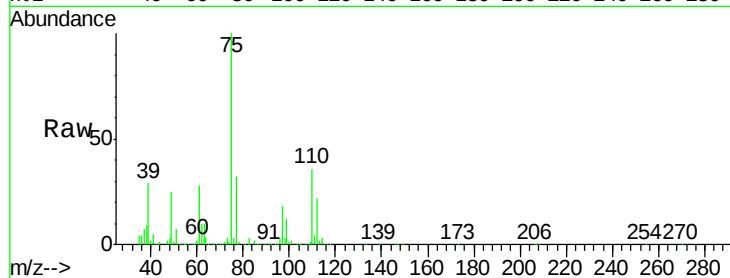
VICV87

Tgt Ion: 75 Resp: 123119

Ion Ratio Lower Upper

75 100

77 32.6 26.5 39.7



#62

Bromoform

Concen: 23.98 ug/L

RT: 12.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VW001883.D

Acq: 05 Apr 2018 19:00

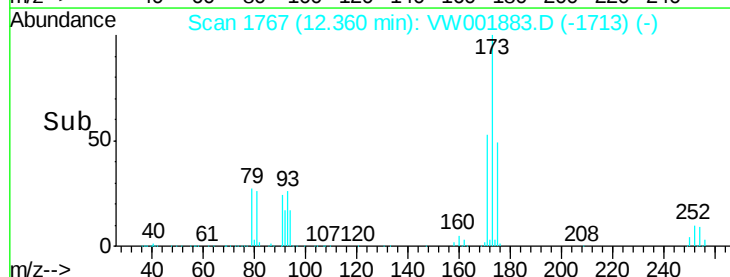
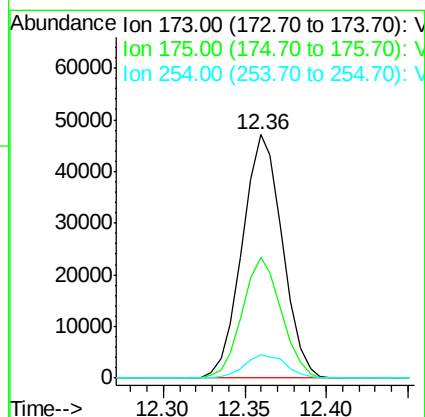
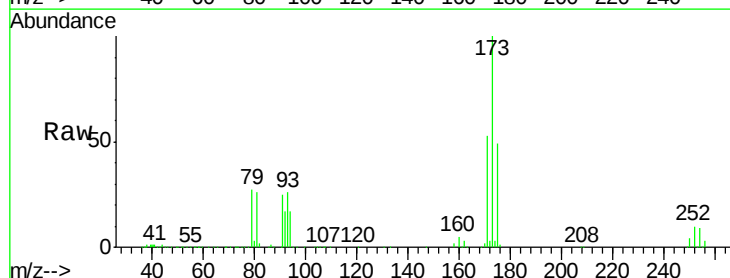
Tgt Ion: 173 Resp: 80631

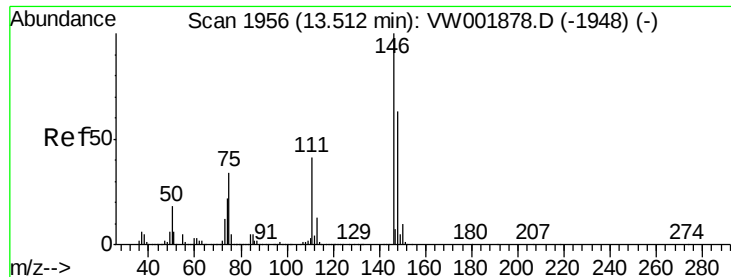
Ion Ratio Lower Upper

173 100

175 48.4 39.6 59.4

254 9.8 8.1 12.1

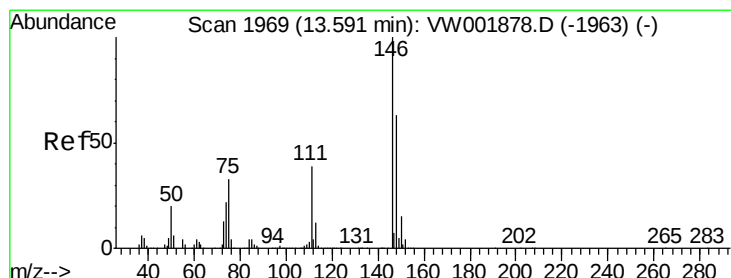
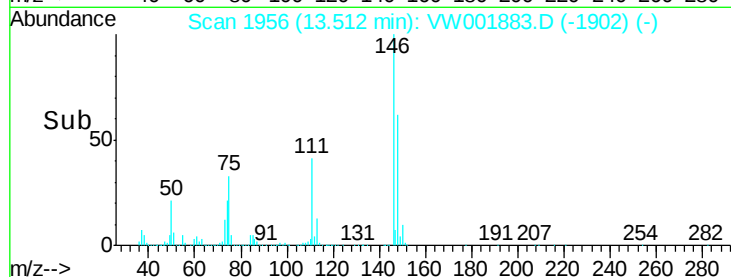
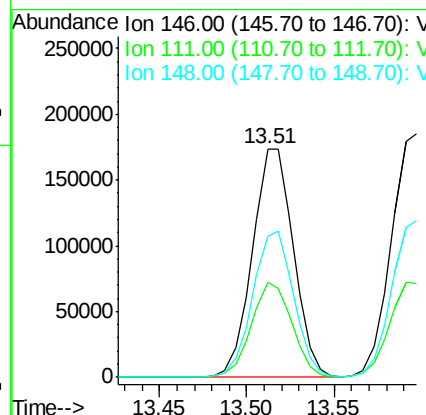
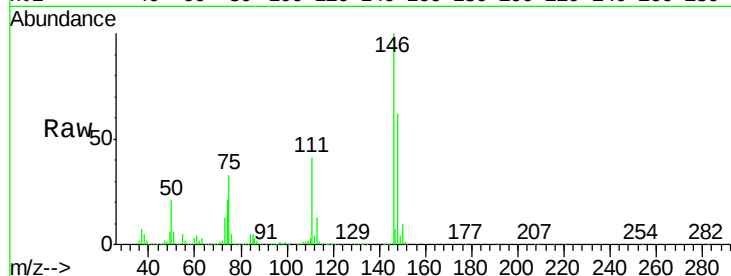




#63
 1,3-Dichlorobenzene
 Concen: 24.64 ug/L
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW001883.D
 Acq: 05 Apr 2018 19:00

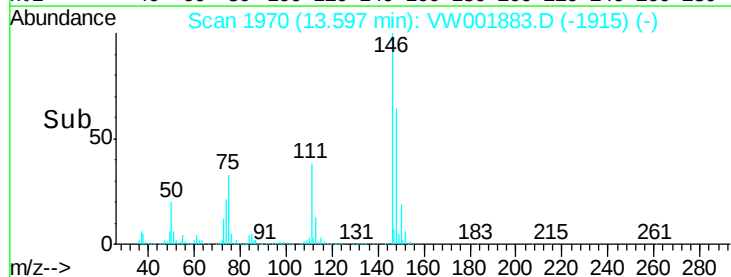
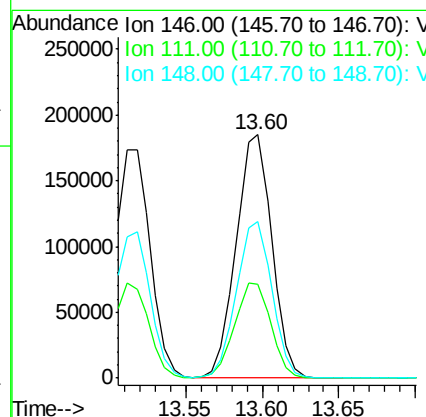
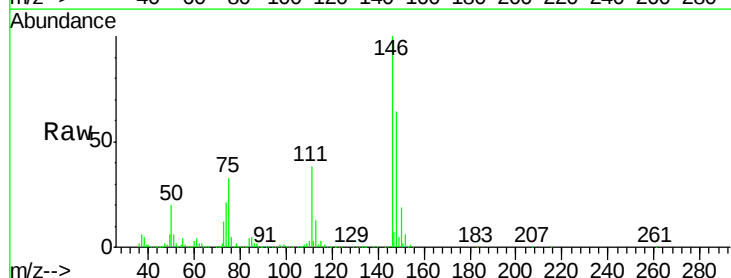
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV87

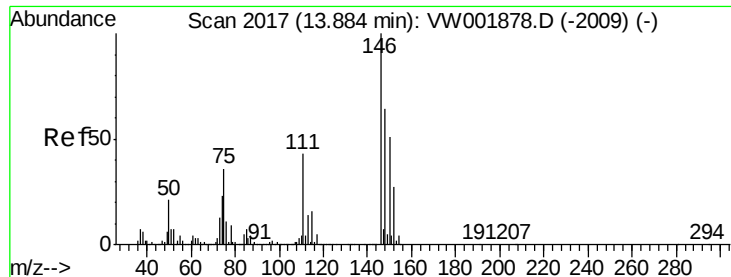
Tgt Ion:146 Resp: 283788
 Ion Ratio Lower Upper
 146 100
 111 41.3 28.8 53.4
 148 61.7 44.4 82.4



#64
 1,4-Dichlorobenzene
 Concen: 23.96 ug/L
 RT: 13.60 min Scan# 1970
 Delta R.T. 0.01 min
 Lab File: VW001883.D
 Acq: 05 Apr 2018 19:00

Tgt Ion:146 Resp: 299409
 Ion Ratio Lower Upper
 146 100
 111 38.4 27.6 51.2
 148 64.2 44.3 82.3





#65

1,2-Dichlorobenzene

Concen: 24.31 ug/L

RT: 13.88 min Scan# 2017

Delta R.T. -0.00 min

Lab File: VW001883.D

Acq: 05 Apr 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

VICV87

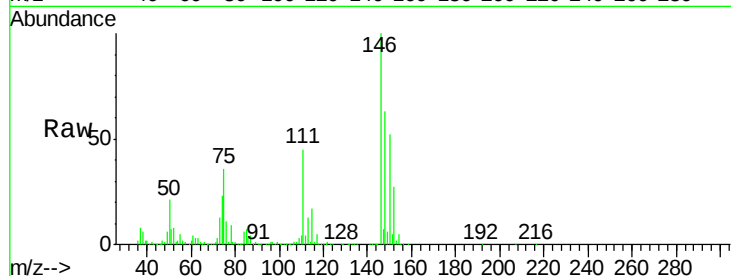
Tgt Ion:146 Resp: 277449

Ion Ratio Lower Upper

146 100

111 44.9 34.4 51.6

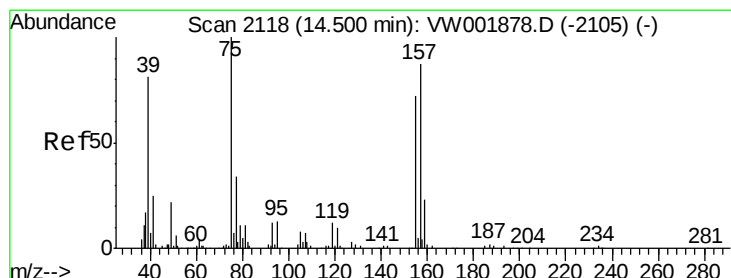
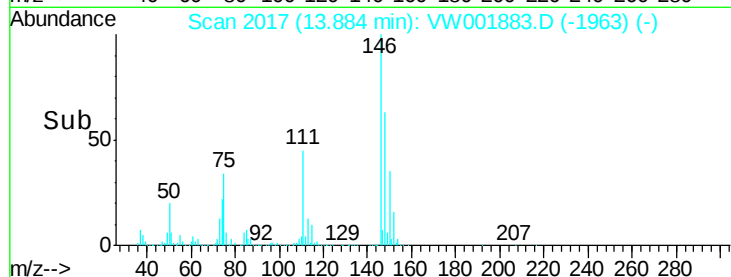
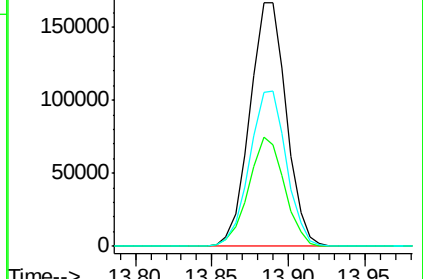
148 63.2 51.2 76.8



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: 25.38 ug/L

RT: 14.51 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VW001883.D

Acq: 05 Apr 2018 19:00

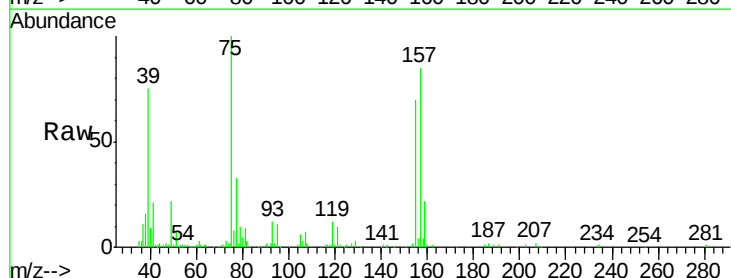
Tgt Ion: 75 Resp: 30600

Ion Ratio Lower Upper

75 100

157 85.4 69.5 104.3

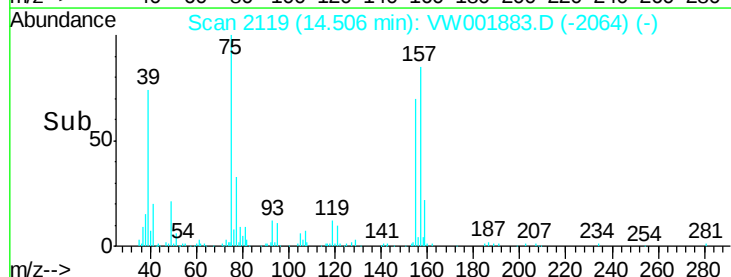
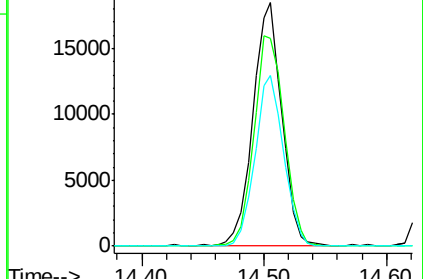
155 70.1 57.4 86.0

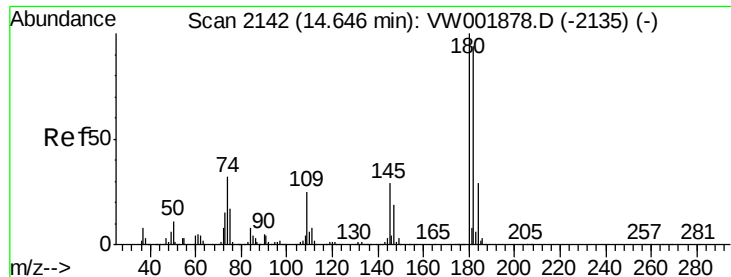


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

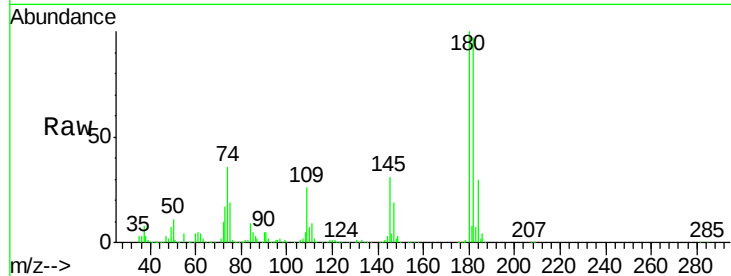




#67
 1,3,5-Trichlorobenzene
 Concen: 23.39 ug/L
 RT: 14.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VW001883.D
 Acq: 05 Apr 2018 19:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV87

Tgt Ion:	180	Resp:	209993
Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.9	113.9
184	30.4	24.1	36.1
145	29.9	23.8	35.6

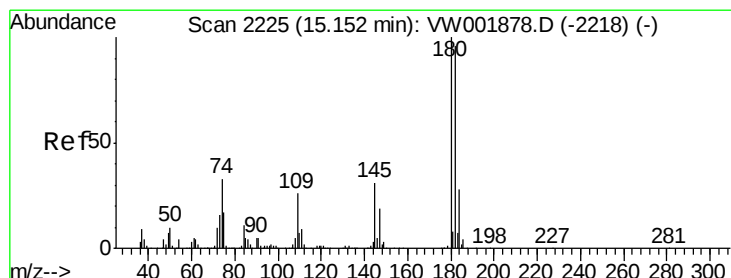
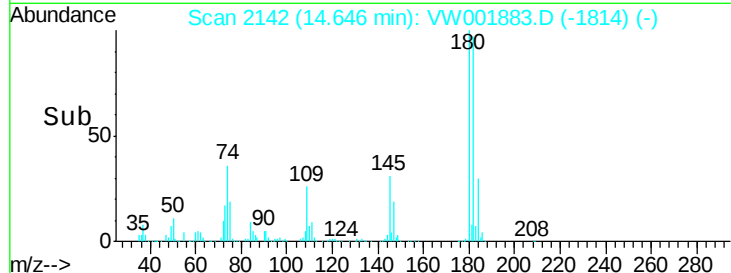
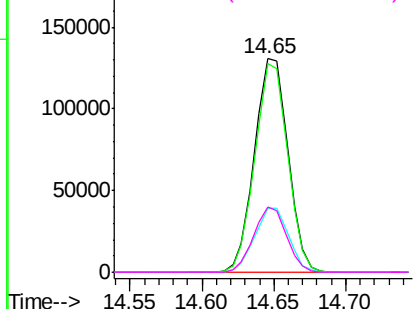


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

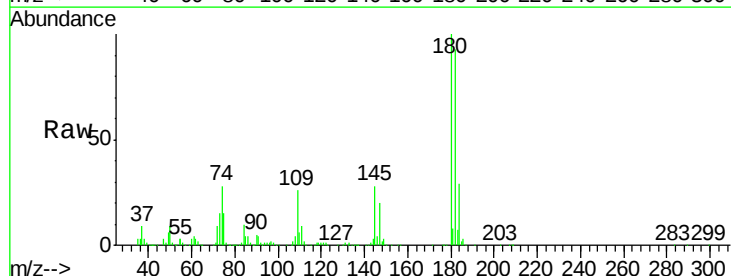
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 23.59 ug/L
 RT: 15.16 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: VW001883.D
 Acq: 05 Apr 2018 19:00

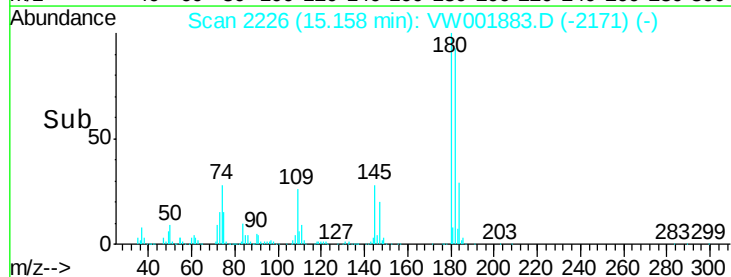
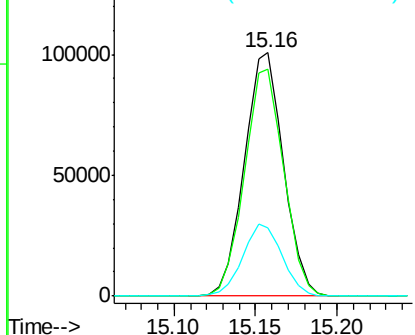
Tgt Ion:	180	Resp:	168051
Ion	Ratio	Lower	Upper
180	100		
182	93.5	77.1	115.7
145	29.8	24.6	36.8

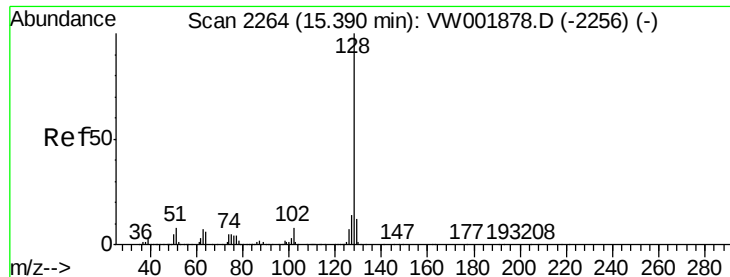


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 24.26 ug/L

RT: 15.39 min Scan# 2264

Delta R.T. -0.00 min

Lab File: VW001883.D

Acq: 05 Apr 2018 19:00

Instrument :

MSVOA_W

ClientSampled :

VICV87

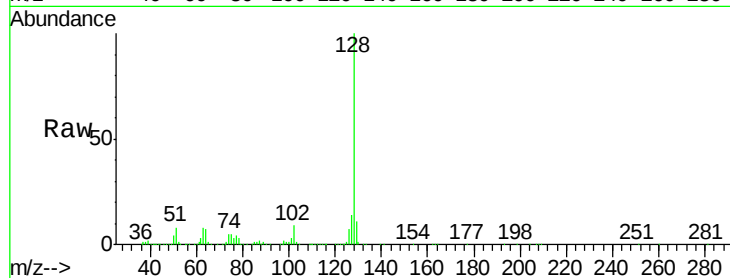
Tgt Ion:128 Resp: 350165

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

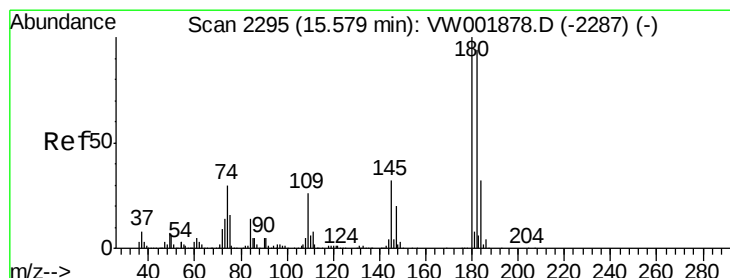
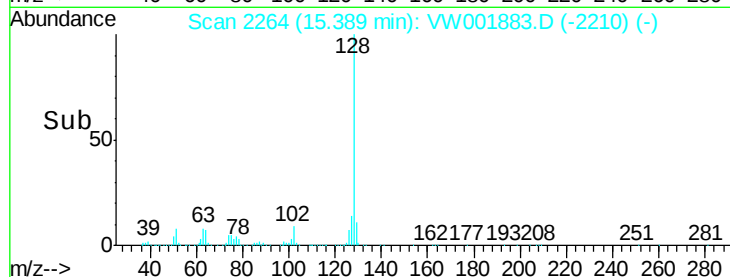
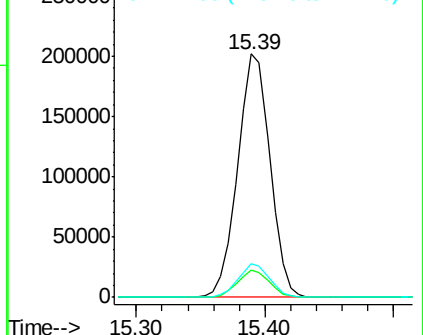
127 13.6 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 24.58 ug/L

RT: 15.58 min Scan# 2295

Delta R.T. -0.00 min

Lab File: VW001883.D

Acq: 05 Apr 2018 19:00

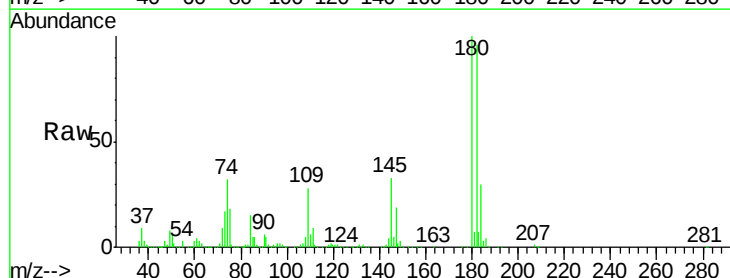
Tgt Ion:180 Resp: 167153

Ion Ratio Lower Upper

180 100

182 95.9 75.8 113.8

145 32.7 25.9 38.9



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

