

Data File : VW005041.D
Acq On : 31 Aug 2018 13:56
Operator : SY/AP
Sample : VSTD2.587
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.587

Quant Time: Aug 31 15:21:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM083118S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 31 15:21:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	651979	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	666480	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	335872	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	29259	2.37	ug/L	0.00
7) Chloroethane-d5	2.89	69	20585	2.25	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	37913	2.41	ug/L	0.00
20) 2-Butanone-d5	7.10	46	13781	5.49	ug/L	0.01
24) Chloroform-d	7.65	84	38264	2.64	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	21904	2.78	ug/L	0.00
29) Benzene-d6	8.28	84	85291	2.49	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	25431	2.52	ug/L	0.00
37) Toluene-d8	10.33	98	79200	2.18	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	10496	2.42	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	9084	3.64	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	24026	2.37	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	34635	2.57	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	25147	2.050 ug/L	99
6) Bromomethane	2.78	94	14868	2.016 ug/L	99
8) Chloroethane	2.93	64	20664	2.627 ug/L	87
9) Trichlorofluoromethane	3.26	101	29169	2.048 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	20395	2.393 ug/L	98
12) 1,1-Dichloroethene	4.04	96	16511	2.175 ug/L	96
13) Acetone	4.14	43	14684	7.559 ug/L	95
16) Methylene chloride	4.92	84	42095	3.330 ug/L	95
17) Methyl tert-butyl Ether	5.43	73	36974	2.255 ug/L	97
19) 1,1-Dichloroethane	6.22	63	31994	2.218 ug/L	95
21) 2-Butanone	7.18	43	15552	5.199 ug/L	84
22) cis-1,2-Dichloroethene	7.17	96	18463	2.165 ug/L	87
23) Bromochloromethane	7.53	128	9772	2.170 ug/L	97
25) Chloroform	7.68	83	34259	2.369 ug/L	96
27) 1,2-Dichloroethane	8.40	62	22459	2.369 ug/L	94
31) 1,1,1-Trichloroethane	7.88	97	29214	2.276 ug/L	99
32) Carbon tetrachloride	8.07	117	26193	2.281 ug/L	100
34) Benzene	8.33	78	81837	2.154 ug/L	100
35) Trichloroethene	9.10	95	20609	2.181 ug/L	98
40) 1,2-Dichloropropane	9.37	63	18939	2.026 ug/L	98
41) Bromodichloromethane	9.65	83	24087	2.338 ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	26052	2.008 ug/L	98
43) 4-Methyl-2-pentanone	10.22	43	26048	3.775 ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	17097	2.343 ug/L	98
47) Tetrachloroethene	10.87	164	19993	2.161 ug/L	97
49) 2-Hexanone	10.98	43	16666	3.125 ug/L	96
50) Dibromochloromethane	11.13	129	17100	2.111 ug/L	92
51) 1,2-Dibromoethane	11.24	107	15015	2.096 ug/L	98
52) Chlorobenzene	11.66	112	64692	2.134 ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.72	83	21453	2.063 ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083118\
Quantitation Report (Not Reviewed)

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Quant Title : VOC Analysis
QLast Update : Fri Aug 31 15:21:07 2018
Response via : Initial Calibration

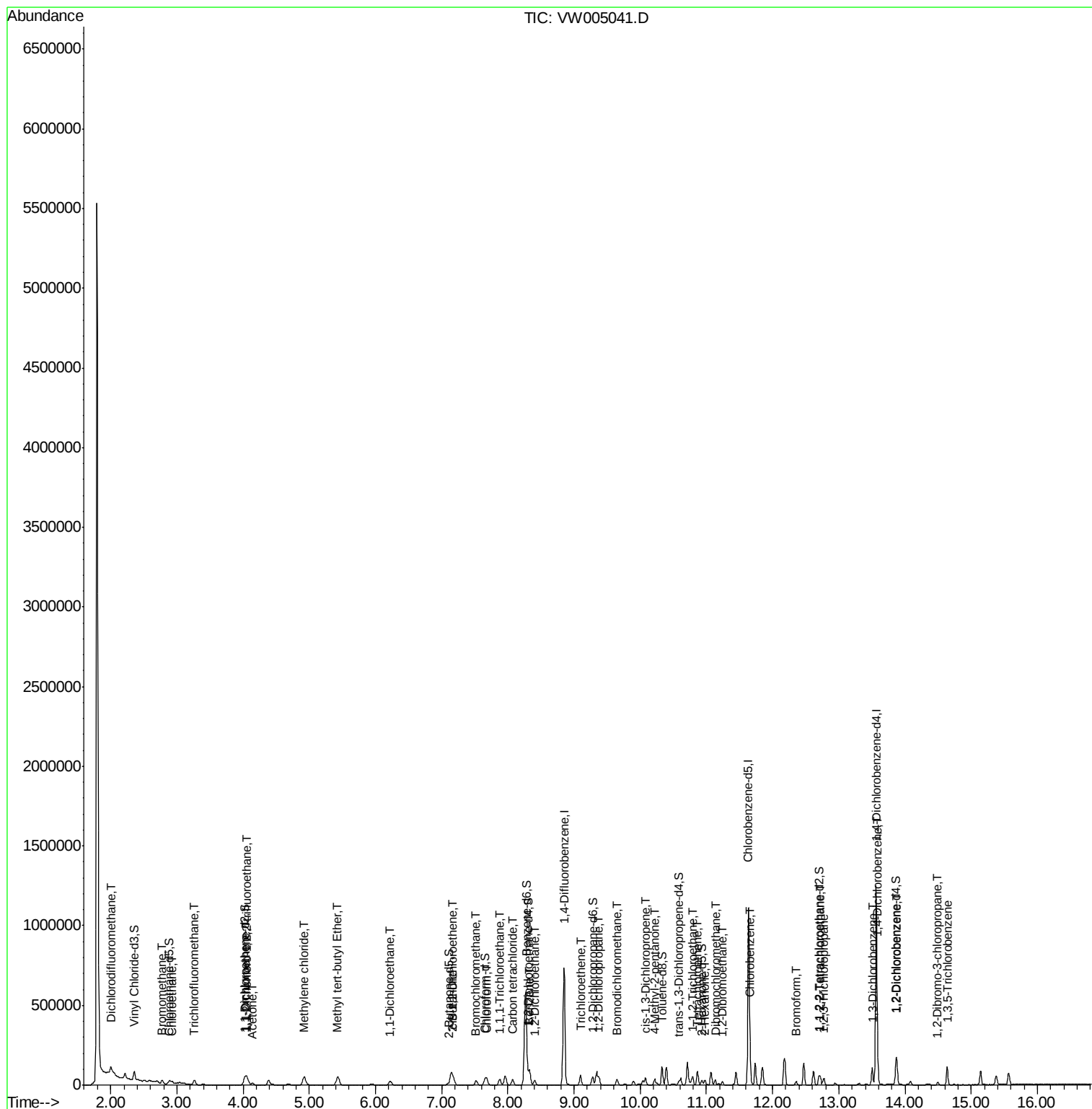
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 1,2,3-Trichloropropane	12.77	75	17226	2.150	ug/L	95
62) Bromoform	12.35	173	11853	2.226	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	47190	2.039	ug/L	96
64) 1,4-Dichlorobenzene	13.59	146	52432	2.164	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	47913	2.161	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	4059	2.159	ug/L	97
67) 1,3,5-Trichlorobenzene	14.64	180	38390	2.073	ug/L	99

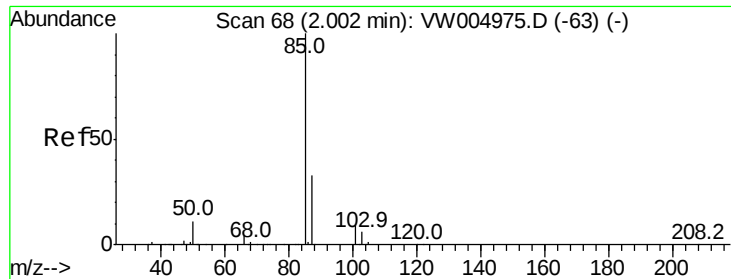
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 31 15:21:07 2018
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#2

Dichlorodifluoromethane

Concen: 2.050 ug/L

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW005041.D

Acq: 31 Aug 2018 13:56

Instrument :

MSVOA_W

ClientSampleId :

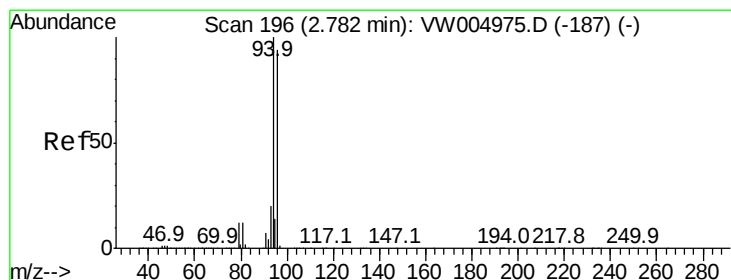
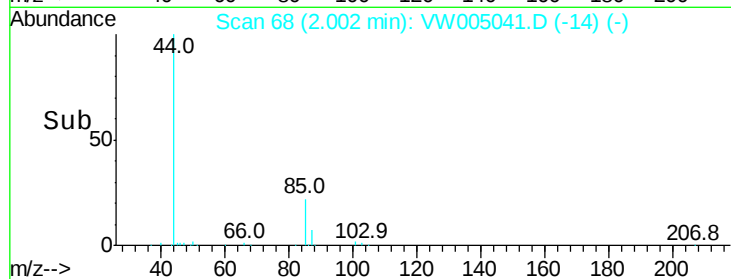
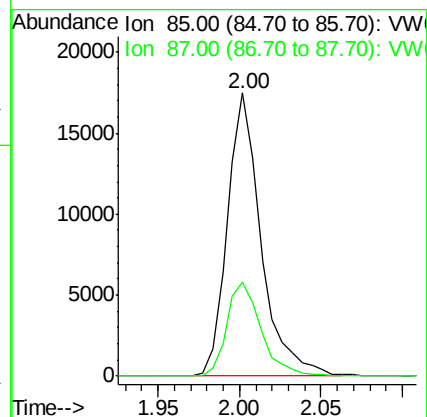
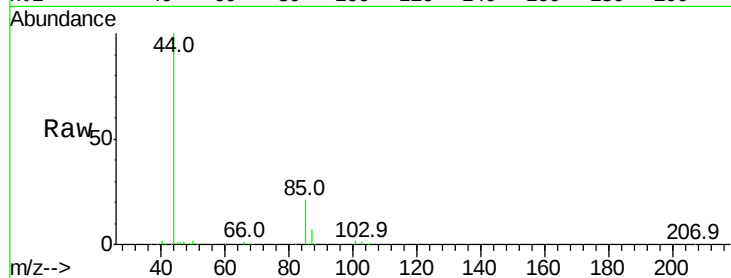
VSTD2.587

Tgt Ion: 85 Resp: 25147

Ion Ratio Lower Upper

85 100

87 33.6 23.0 42.6



#6

Bromomethane

Concen: 2.016 ug/L

RT: 2.78 min Scan# 195

Delta R.T. 0.01 min

Lab File: VW005041.D

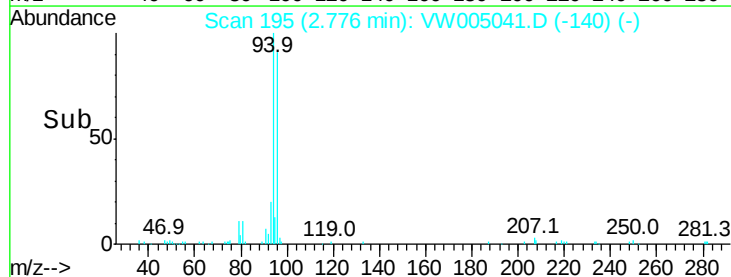
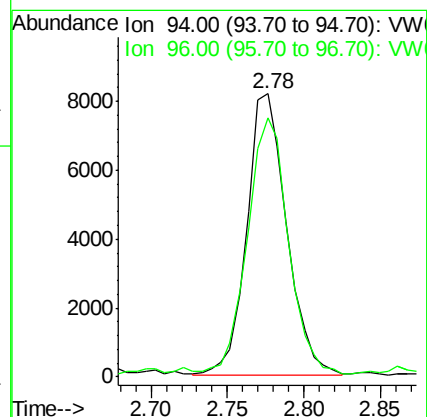
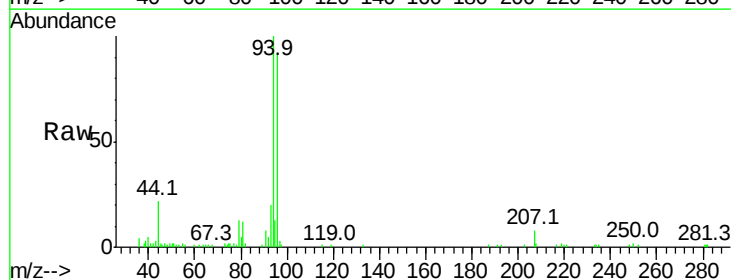
Acq: 31 Aug 2018 13:56

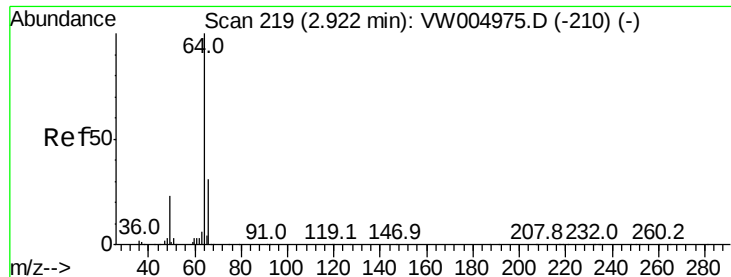
Tgt Ion: 94 Resp: 14868

Ion Ratio Lower Upper

94 100

96 93.4 9.4 178.6





#8

Chloroethane

Concen: 2.627 ug/L

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW005041.D

Acq: 31 Aug 2018 13:56

Instrument :

MSVOA_W

ClientSampleId :

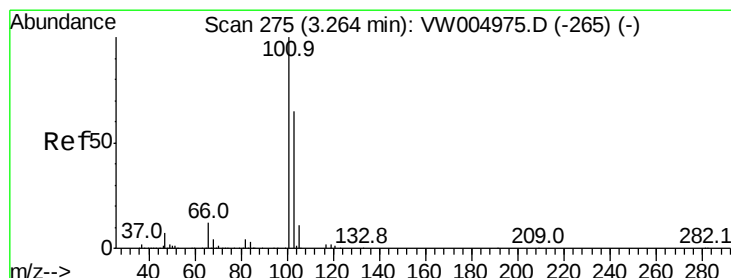
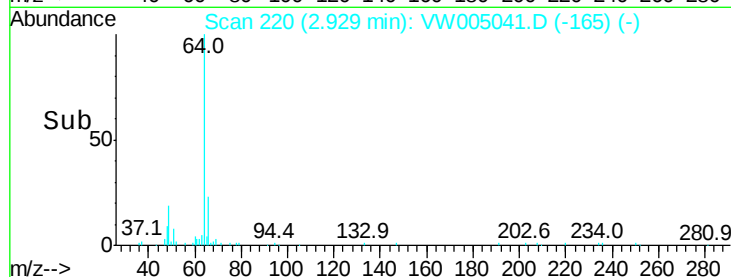
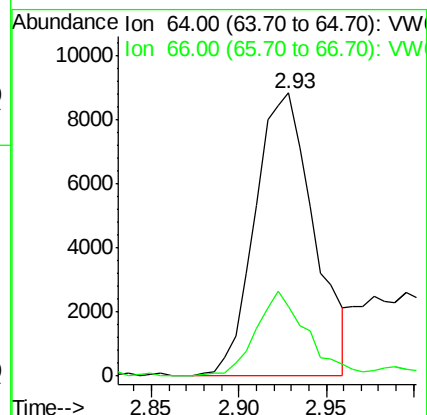
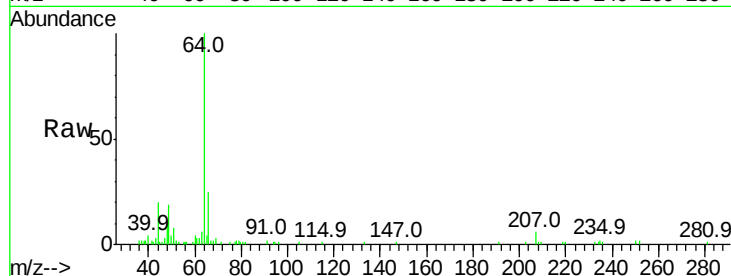
VSTD2.587

Tgt Ion: 64 Resp: 20664

Ion Ratio Lower Upper

64 100

66 24.6 22.4 41.6



#9

Trichlorofluoromethane

Concen: 2.048 ug/L

RT: 3.26 min Scan# 275

Delta R.T. 0.00 min

Lab File: VW005041.D

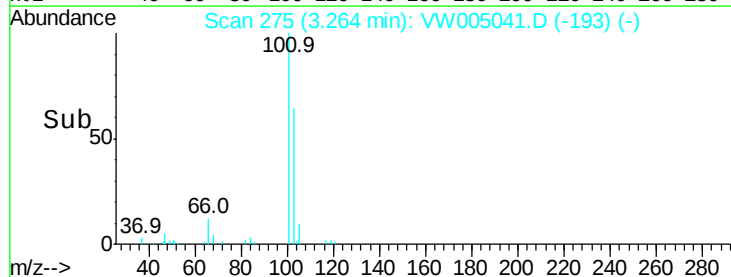
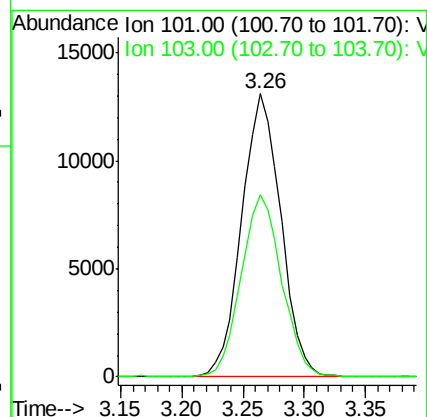
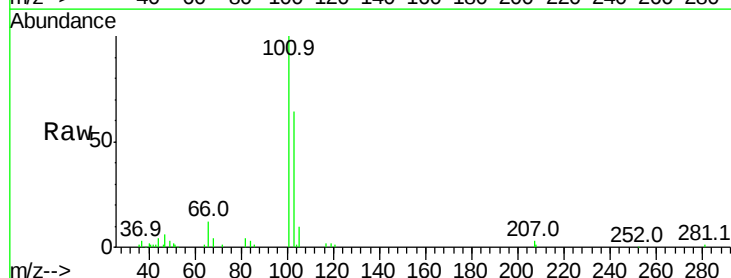
Acq: 31 Aug 2018 13:56

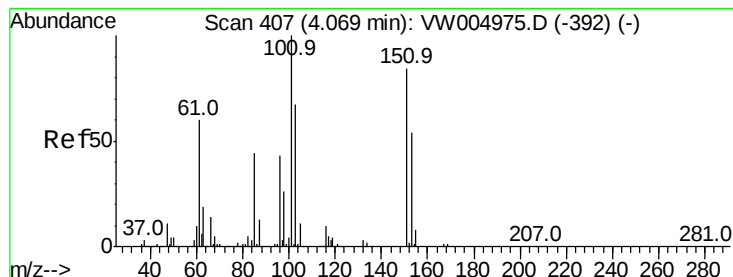
Tgt Ion: 101 Resp: 29169

Ion Ratio Lower Upper

101 100

103 66.4 45.4 84.4





#11

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

Concen: 2.393 ug/L

RT: 4.06 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005041.D

Acq: 31 Aug 2018 13:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.587

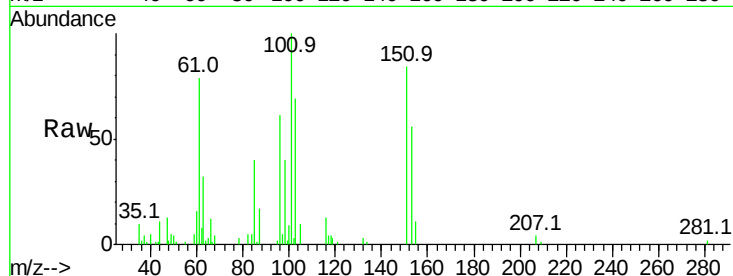
Tgt Ion:101 Resp: 20395

Ion Ratio Lower Upper

101 100

85 39.8 33.3 49.9

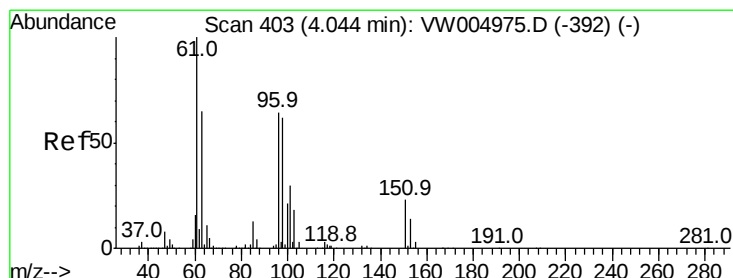
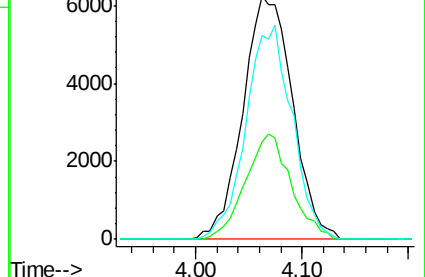
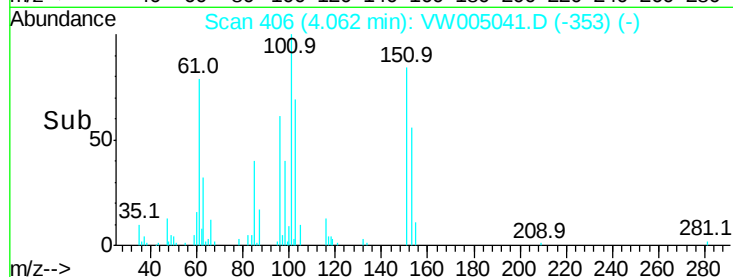
151 81.7 66.8 100.2



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: 2.175 ug/L

RT: 4.04 min Scan# 403

Delta R.T. 0.00 min

Lab File: VW005041.D

Acq: 31 Aug 2018 13:56

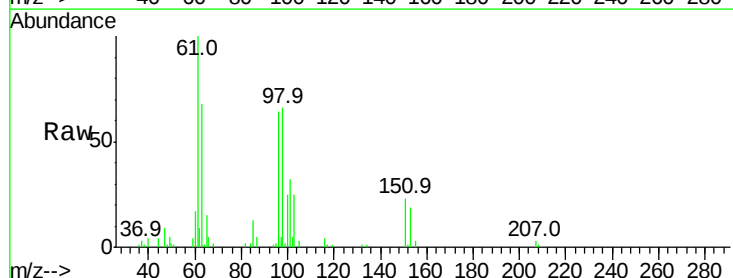
Tgt Ion: 96 Resp: 16511

Ion Ratio Lower Upper

96 100

61 156.3 108.4 201.4

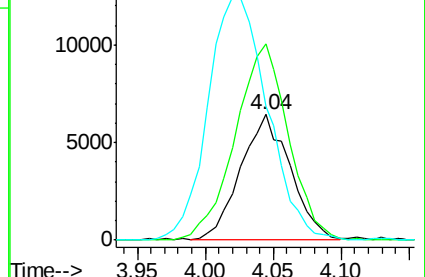
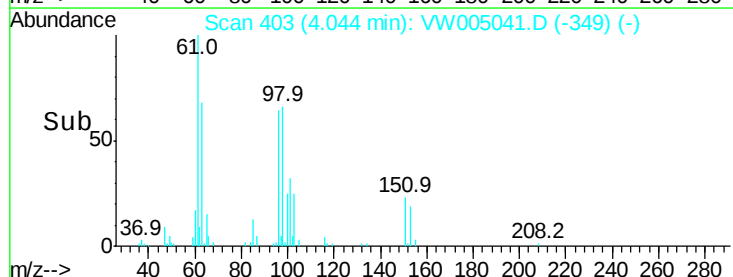
63 106.4 81.2 150.8

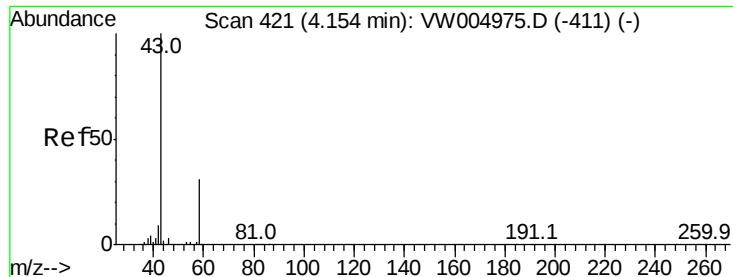


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 7.559 ug/L

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW005041.D

Acq: 31 Aug 2018 13:56

Instrument :

MSVOA_W

ClientSampleId :

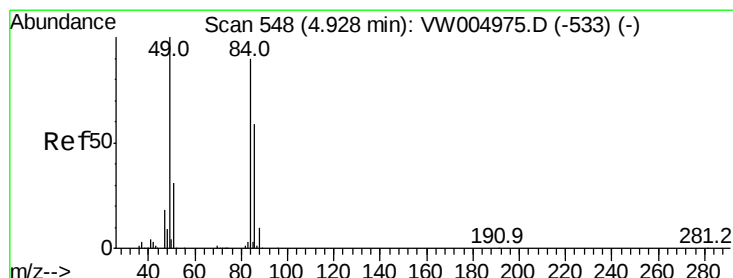
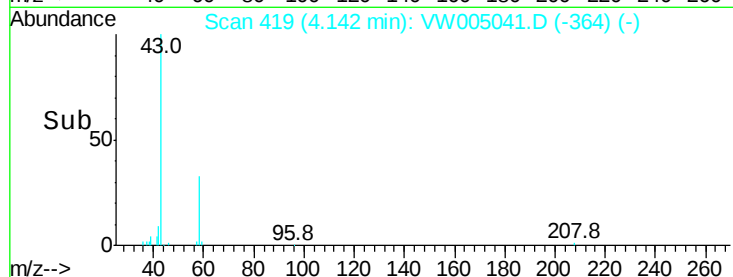
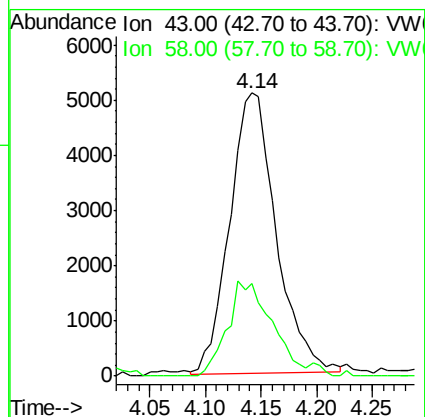
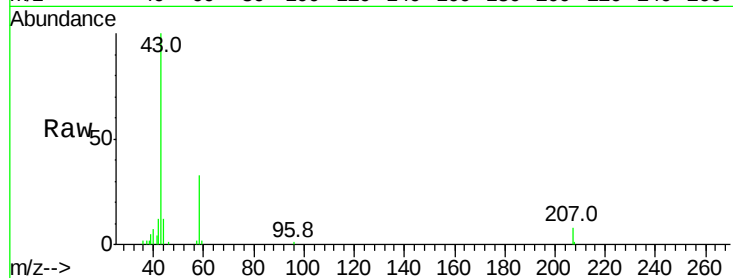
VSTD2.587

Tgt Ion: 43 Resp: 14684

Ion Ratio Lower Upper

43 100

58 32.5 0.0 70.4



#16

Methylene chloride

Concen: 3.330 ug/L

RT: 4.92 min Scan# 547

Delta R.T. 0.00 min

Lab File: VW005041.D

Acq: 31 Aug 2018 13:56

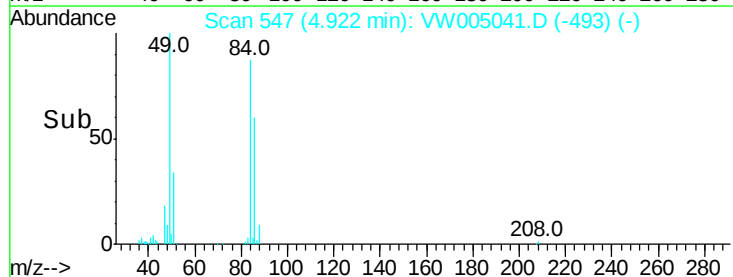
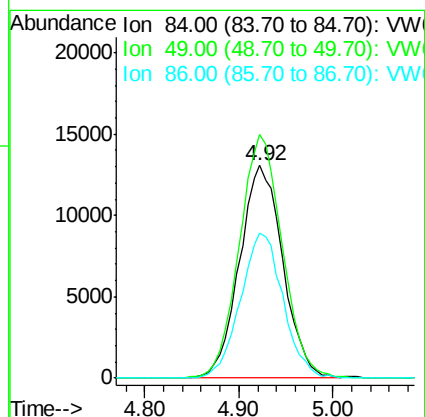
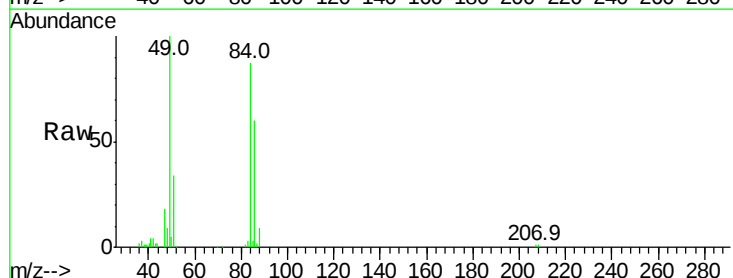
Tgt Ion: 84 Resp: 42095

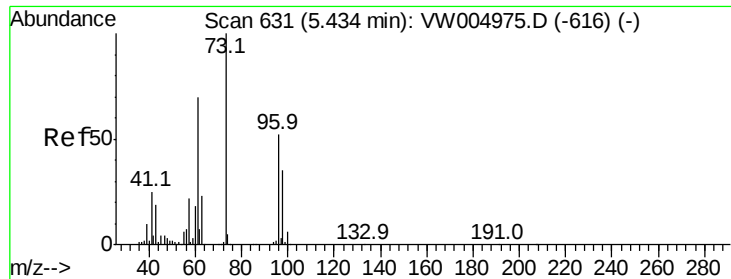
Ion Ratio Lower Upper

84 100

49 114.7 77.3 143.7

86 68.5 44.7 83.1

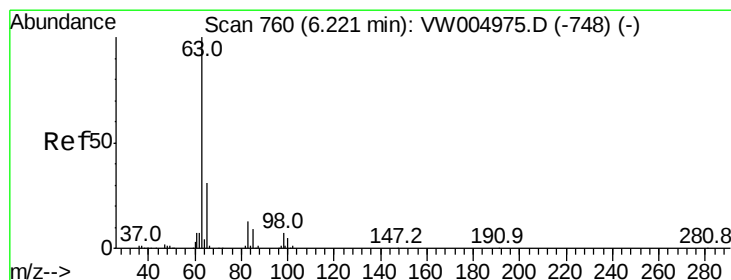
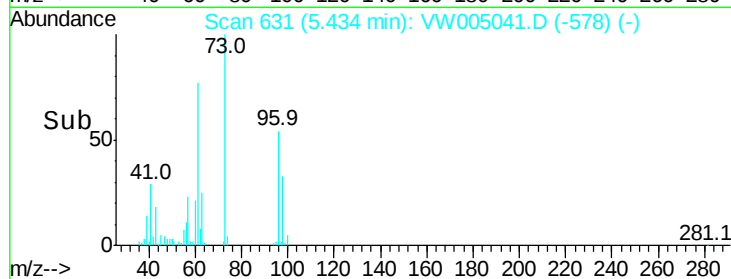
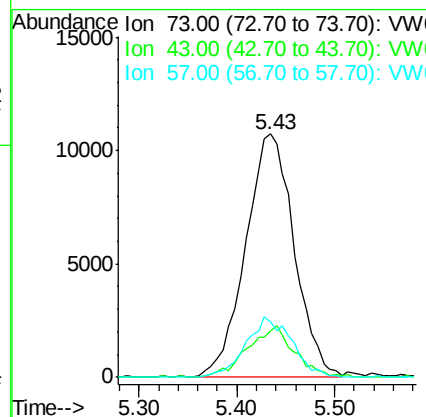
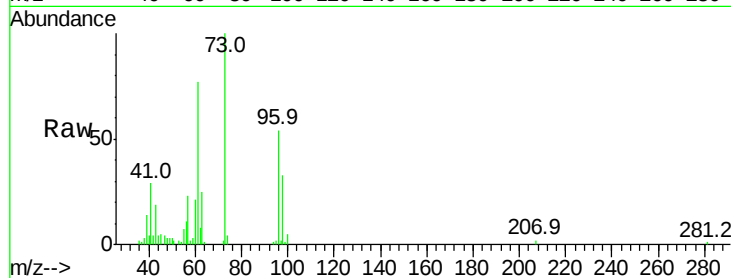




#17
Methyl tert-butyl Ether
Concen: 2.255 ug/L
RT: 5.43 min Scan# 631
Delta R.T. -0.01 min
Lab File: VW005041.D
Acq: 31 Aug 2018 13:56

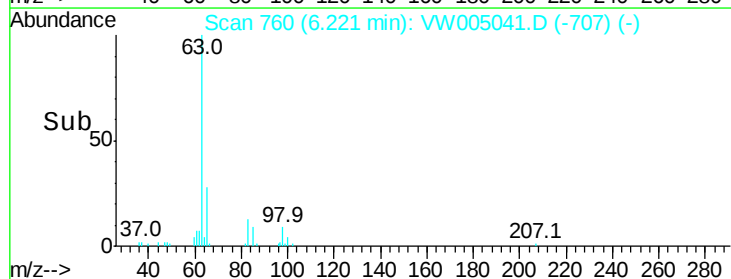
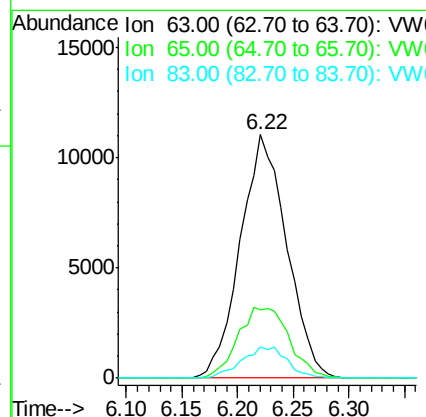
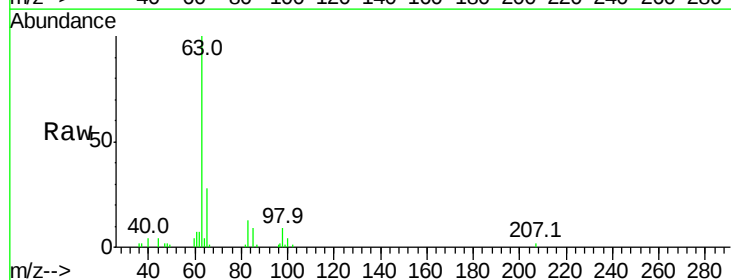
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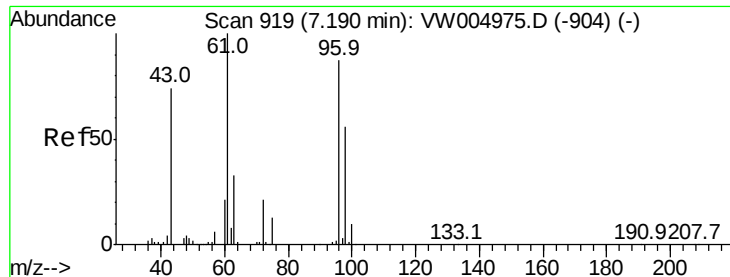
Tgt Ion: 73 Resp: 36974
Ion Ratio Lower Upper
73 100
43 20.2 14.8 22.2
57 23.7 17.8 26.8



#19
1,1-Dichloroethane
Concen: 2.218 ug/L
RT: 6.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VW005041.D
Acq: 31 Aug 2018 13:56

Tgt Ion: 63 Resp: 31994
Ion Ratio Lower Upper
63 100
65 28.1 22.2 41.2
83 13.0 9.8 18.2





#21

2-Butanone

Concen: 5.199 ug/L

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW005041.D

Acq: 31 Aug 2018 13:56

Instrument :

MSVOA_W

ClientSampleId :

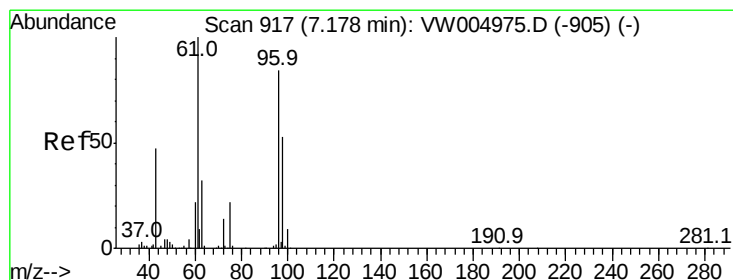
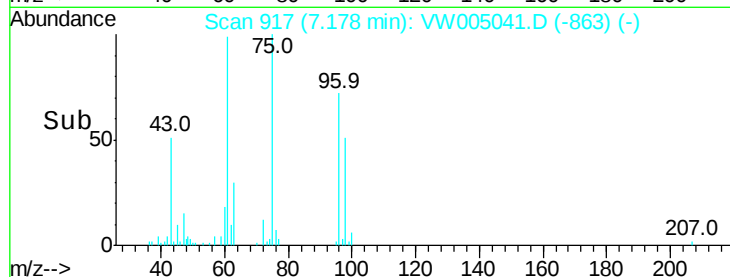
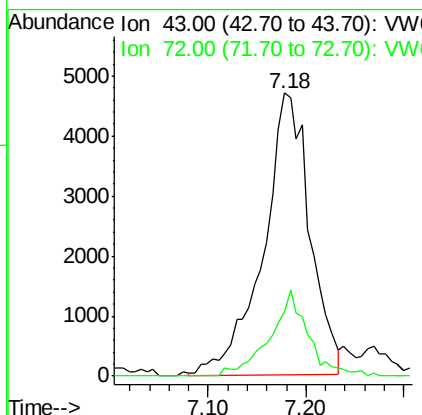
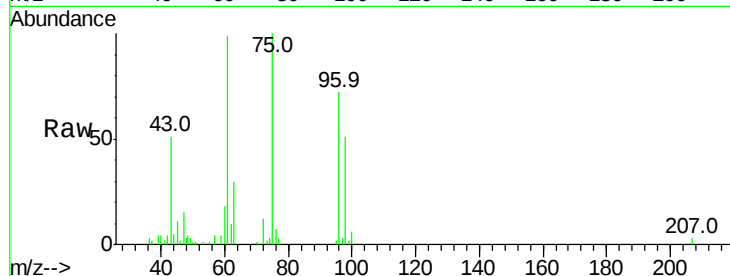
VSTD2.587

Tgt Ion: 43 Resp: 15552

Ion Ratio Lower Upper

43 100

72 20.0 14.4 43.2



#22

cis-1,2-Dichloroethene

Concen: 2.165 ug/L

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005041.D

Acq: 31 Aug 2018 13:56

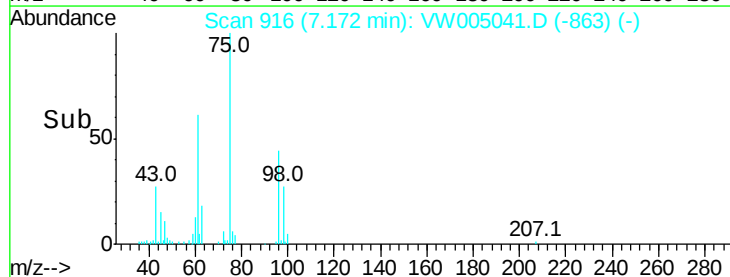
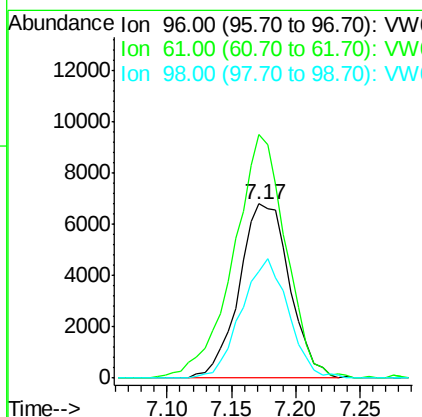
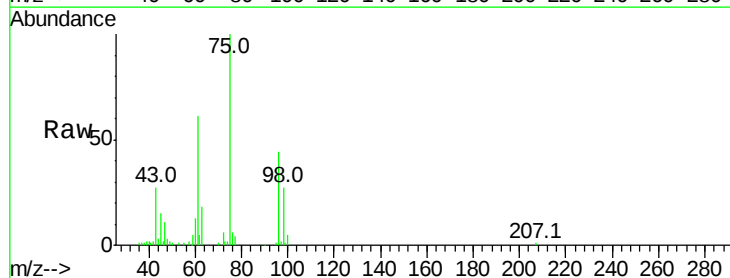
Tgt Ion: 96 Resp: 18463

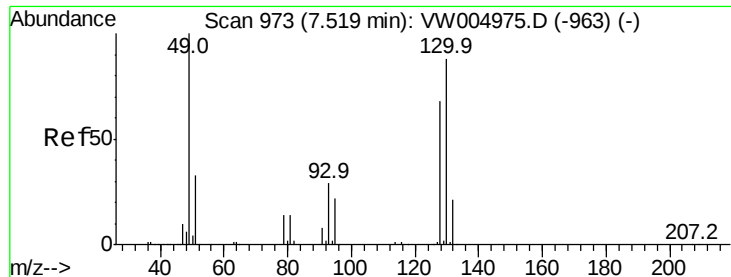
Ion Ratio Lower Upper

96 100

61 139.7 84.8 157.4

98 61.4 45.8 85.2





#23

Bromochloromethane

Concen: 2.170 ug/L

RT: 7.53 min Scan# 974

Delta R.T. 0.00 min

Lab File: VW005041.D

Acq: 31 Aug 2018 13:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.587

Tgt Ion:128 Resp: 9772

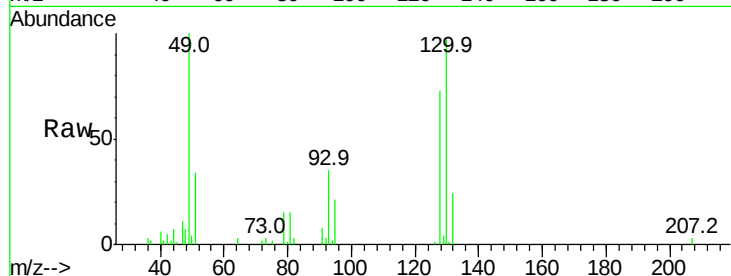
Ion Ratio Lower Upper

128 100

49 137.6 100.0 185.8

130 134.0 94.5 175.5

51 46.9 36.6 55.0

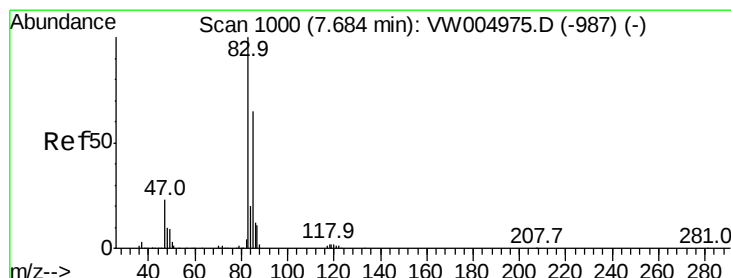
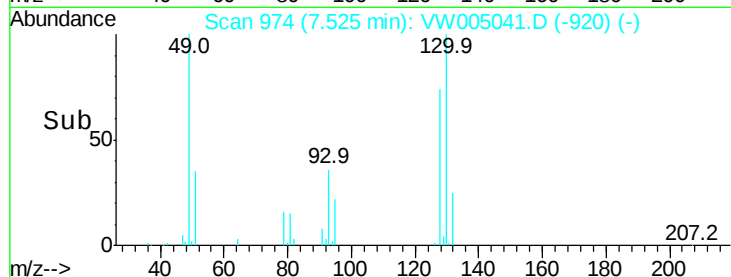
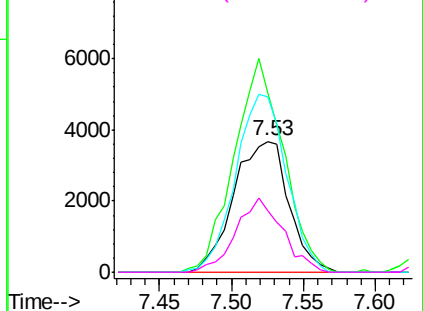


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VW

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VW



#25

Chloroform

Concen: 2.369 ug/L

RT: 7.68 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VW005041.D

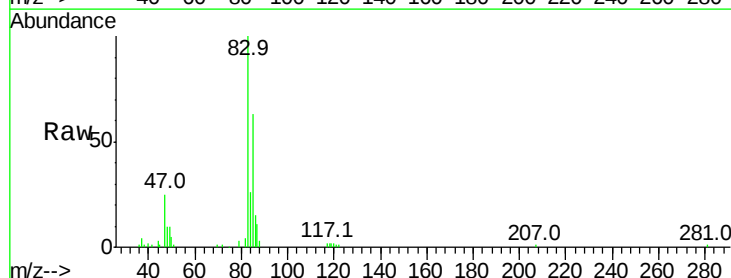
Acq: 31 Aug 2018 13:56

Tgt Ion: 83 Resp: 34259

Ion Ratio Lower Upper

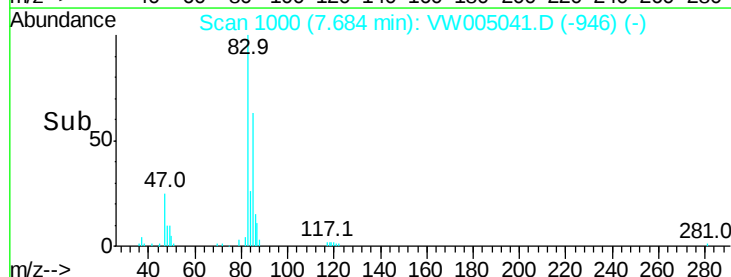
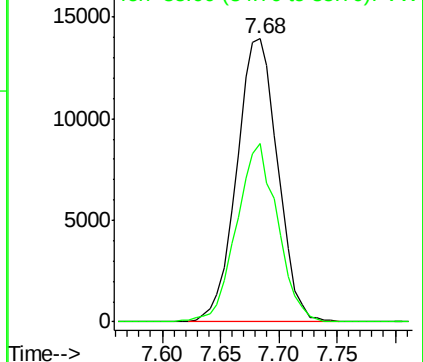
83 100

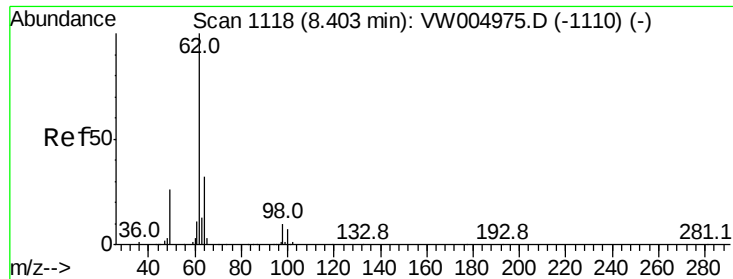
85 62.7 46.0 85.4



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

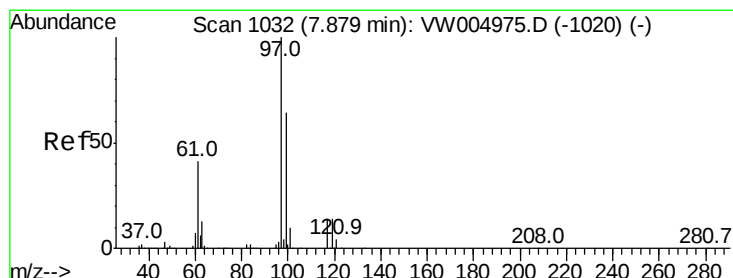
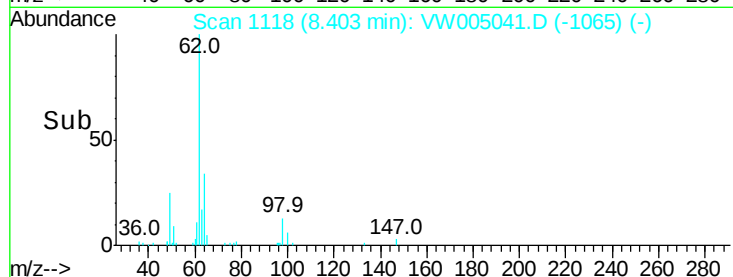
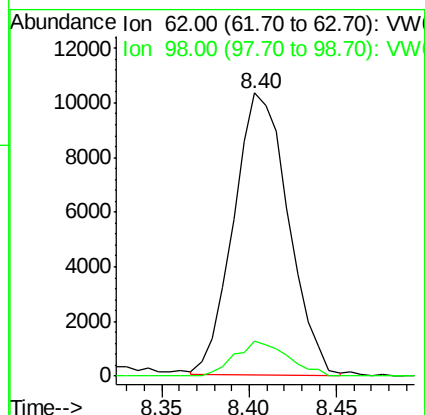
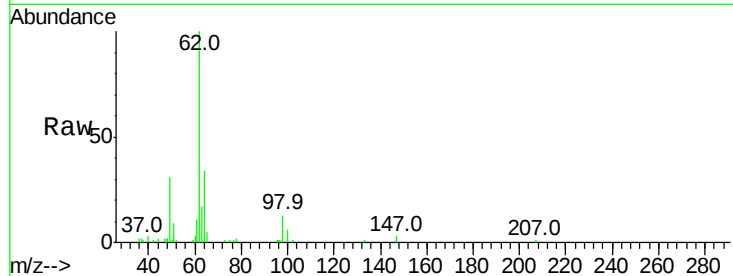




#27
 1,2-Dichloroethane
 Concen: 2.369 ug/L
 RT: 8.40 min Scan# 1118
 Delta R.T. -0.01 min
 Lab File: VW005041.D
 Acq: 31 Aug 2018 13:56

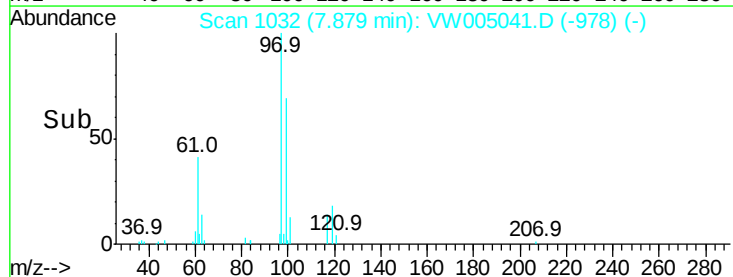
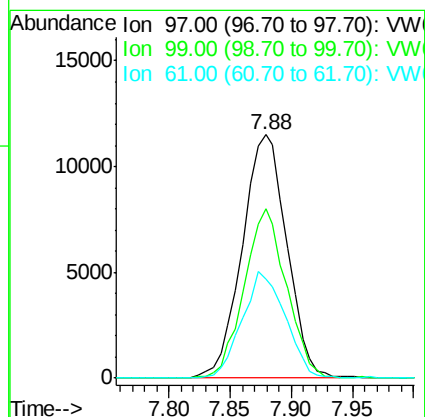
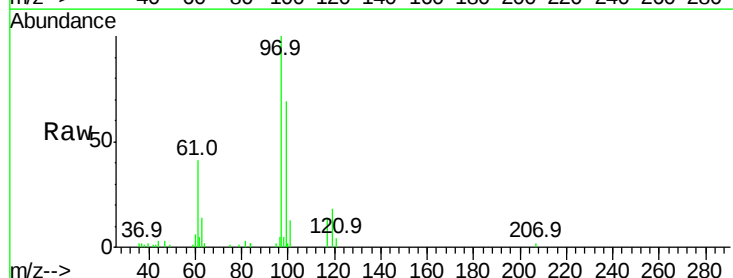
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.587

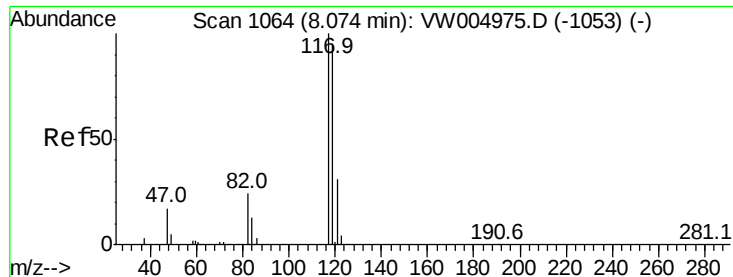
Tgt Ion: 62 Resp: 22459
 Ion Ratio Lower Upper
 62 100
 98 12.6 8.4 12.6



#31
 1,1,1-Trichloroethane
 Concen: 2.276 ug/L
 RT: 7.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: VW005041.D
 Acq: 31 Aug 2018 13:56

Tgt Ion: 97 Resp: 29214
 Ion Ratio Lower Upper
 97 100
 99 65.8 51.4 77.2
 61 42.2 33.4 50.0





#32

Carbon tetrachloride

Concen: 2.281 ug/L

RT: 8.07 min Scan# 1064

Delta R.T. 0.00 min

Lab File: VW005041.D

Acq: 31 Aug 2018 13:56

Instrument :

MSVOA_W

ClientSampleId :

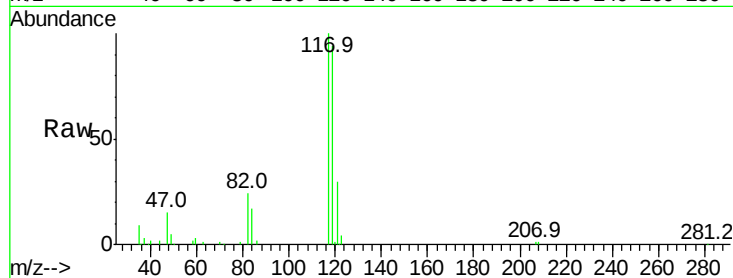
VSTD2.587

Tgt Ion:117 Resp: 26193

Ion Ratio Lower Upper

117 100

119 97.7 78.1 117.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

12000

10000

8000

6000

4000

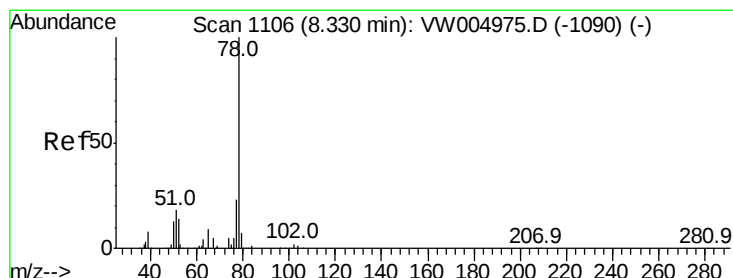
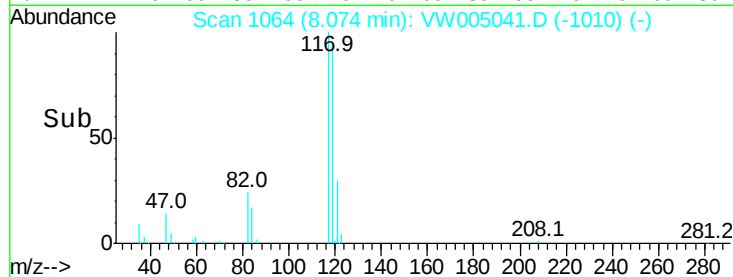
2000

0

8.07

8.05 8.10 8.15

Time-->



#34

Benzene

Concen: 2.154 ug/L

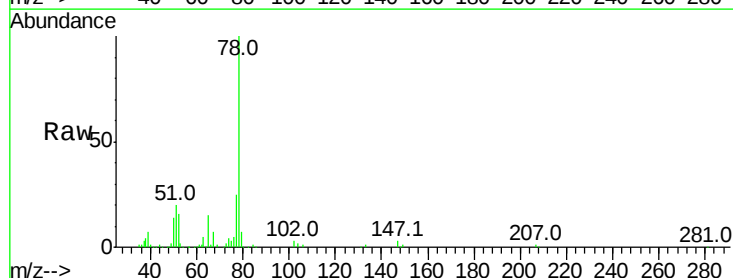
RT: 8.33 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VW005041.D

Acq: 31 Aug 2018 13:56

Tgt Ion: 78 Resp: 81837



Abundance Ion 78.00 (77.70 to 78.70): VW

40000

30000

20000

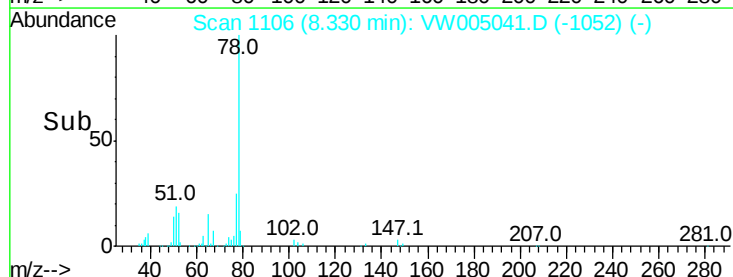
10000

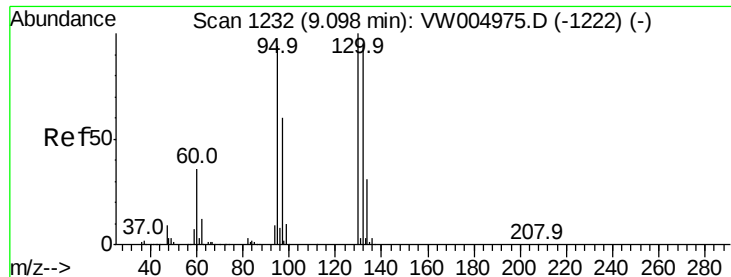
0

8.33

8.20 8.30 8.40 8.50

Time-->





#35

Trichloroethene

Concen: 2.181 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW005041.D

Acq: 31 Aug 2018 13:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.587

Tgt Ion: 95 Resp: 20609

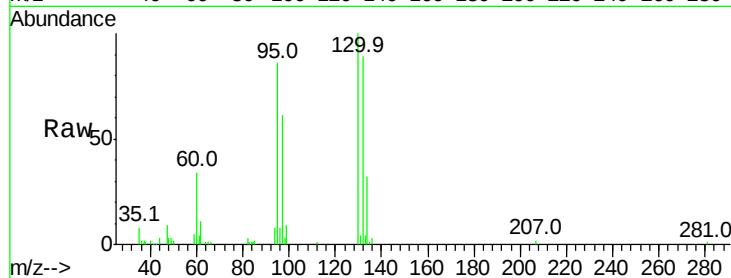
Ion Ratio Lower Upper

95 100

97 65.5 44.9 83.5

132 104.3 72.3 134.3

130 108.1 74.0 137.4

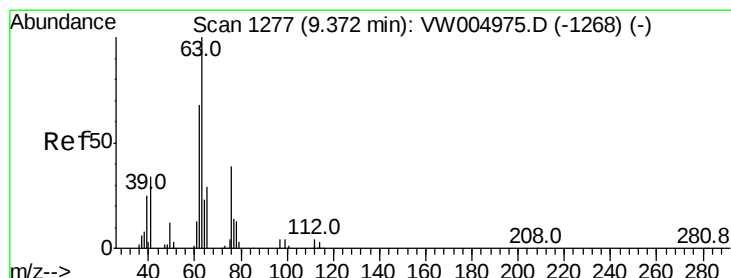
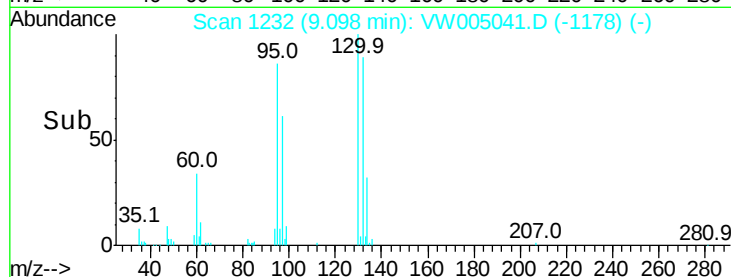
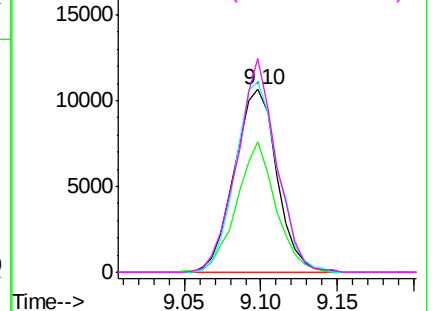


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 2.026 ug/L

RT: 9.37 min Scan# 1277

Delta R.T. -0.01 min

Lab File: VW005041.D

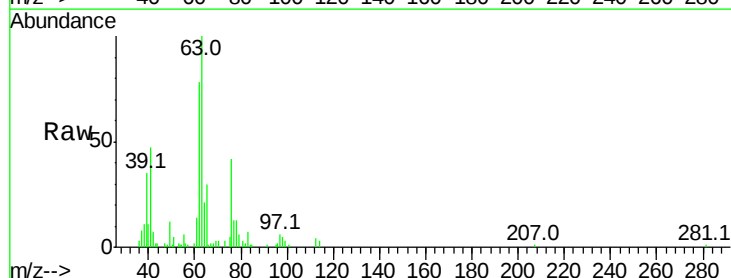
Acq: 31 Aug 2018 13:56

Tgt Ion: 63 Resp: 18939

Ion Ratio Lower Upper

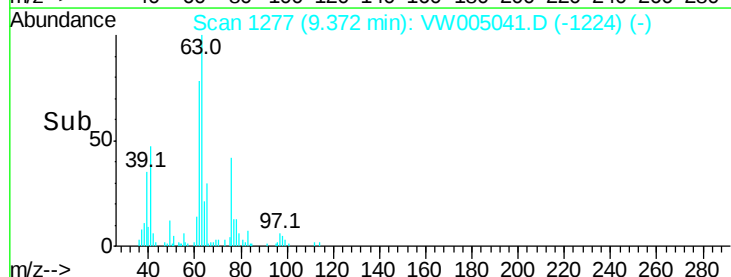
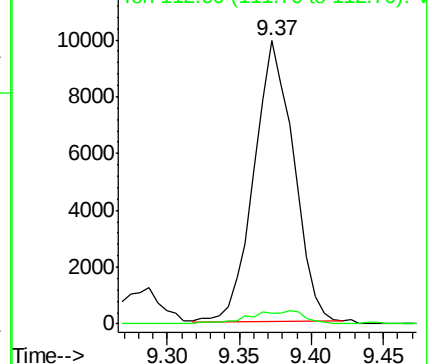
63 100

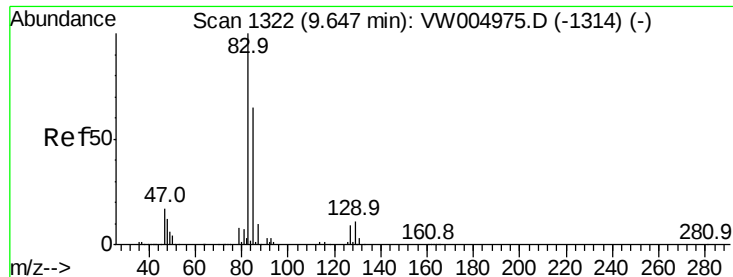
112 3.8 3.6 5.4



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#41

Bromodichloromethane

Concen: 2.338 ug/L

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW005041.D

Acq: 31 Aug 2018 13:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.587

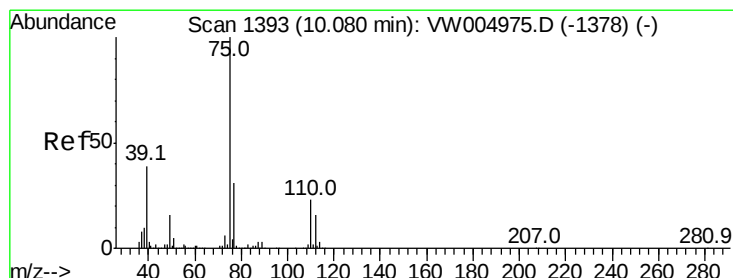
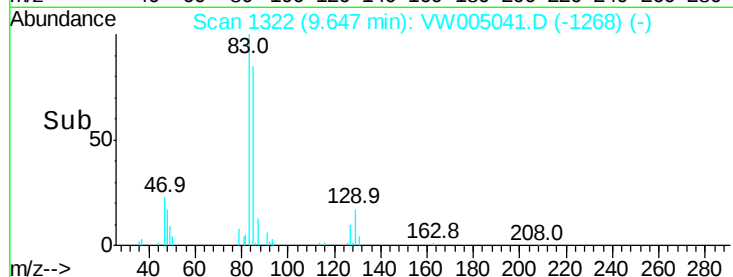
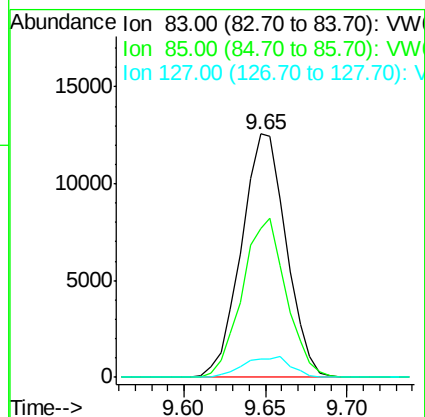
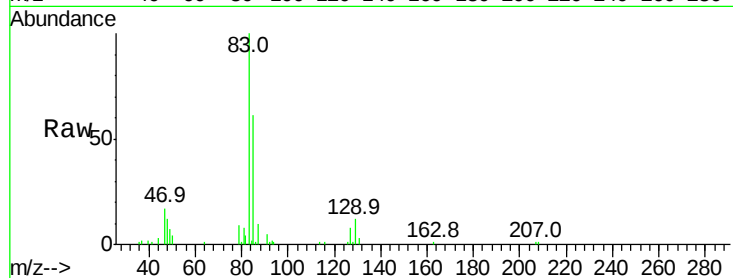
Tgt Ion: 83 Resp: 24087

Ion Ratio Lower Upper

83 100

85 61.3 44.6 82.8

127 7.6 6.8 10.2



#42

cis-1,3-Dichloropropene

Concen: 2.008 ug/L

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW005041.D

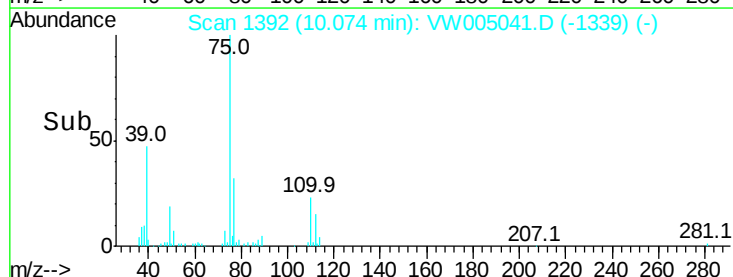
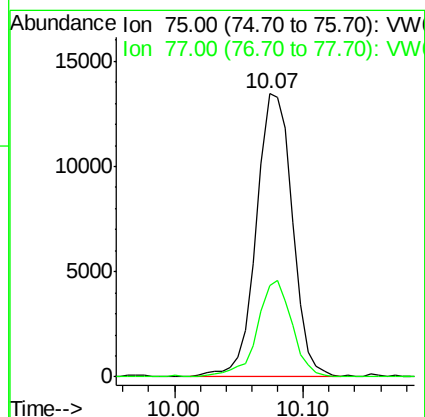
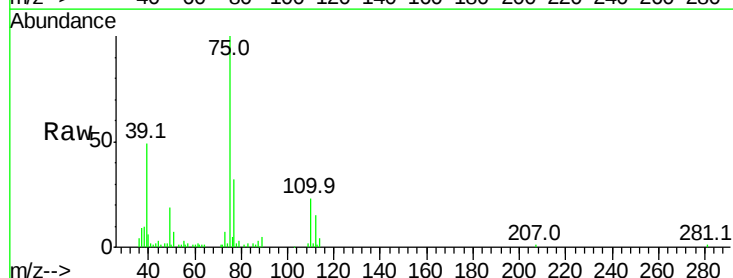
Acq: 31 Aug 2018 13:56

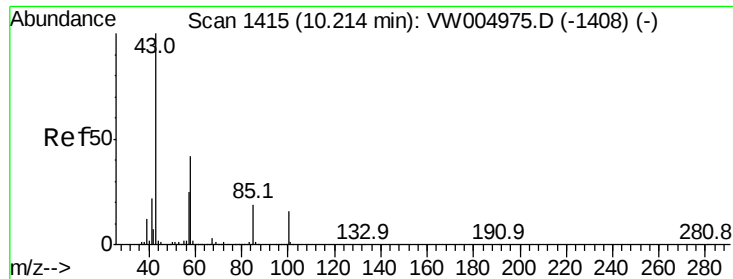
Tgt Ion: 75 Resp: 26052

Ion Ratio Lower Upper

75 100

77 32.4 21.9 40.7





#43

4-Methyl-2-pentanone

Concen: 3.775 ug/L

RT: 10.22 min Scan# 1416

Delta R.T. 0.01 min

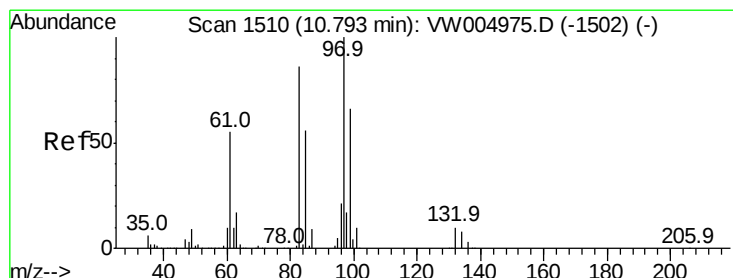
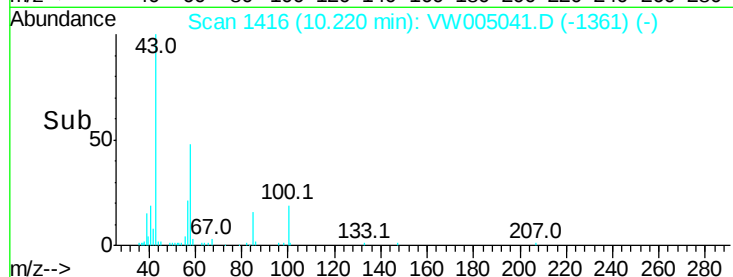
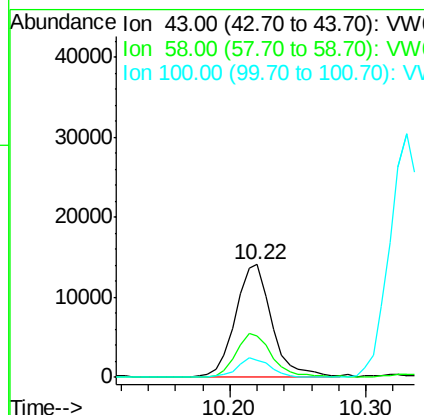
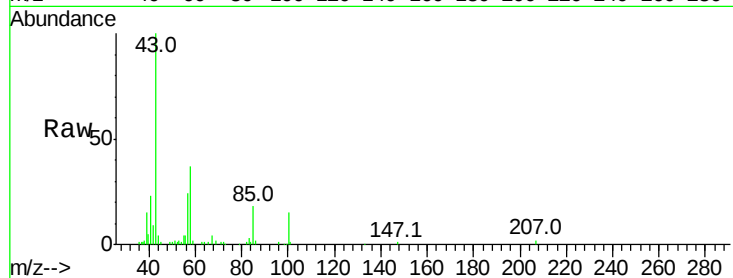
Lab File: VW005041.D

Acq: 31 Aug 2018 13:56

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.587

Tgt Ion: 43 Resp: 26048

Ion	Ratio	Lower	Upper
43	100		
58	38.9	33.4	50.0
100	15.4	13.4	20.2



#46

1,1,2-Trichloroethane

Concen: 2.343 ug/L

RT: 10.79 min Scan# 1510

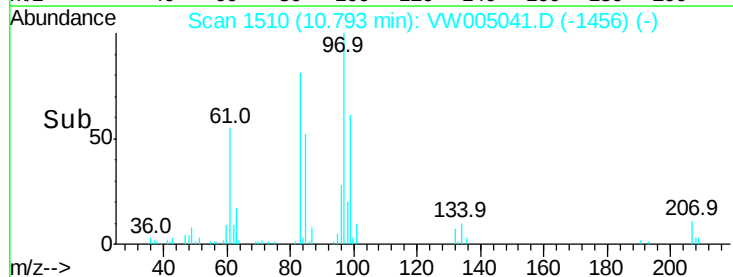
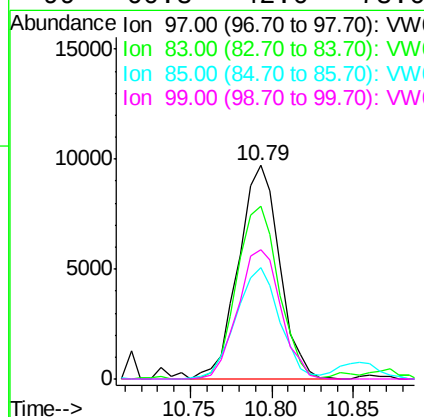
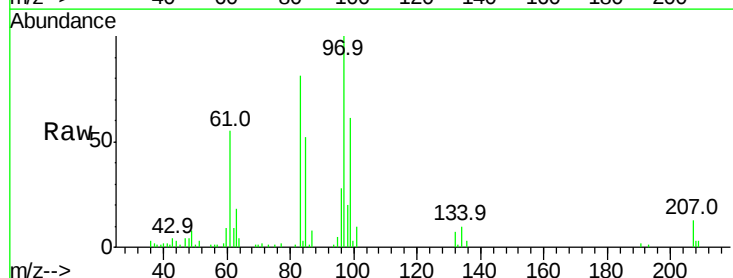
Delta R.T. 0.00 min

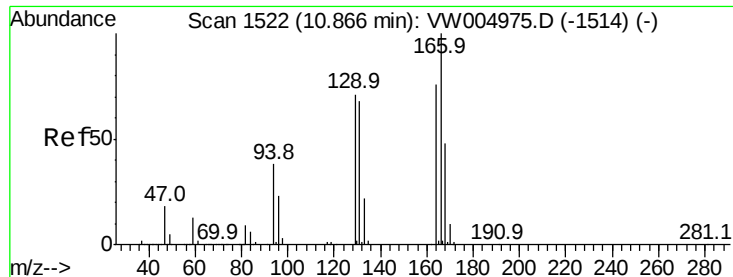
Lab File: VW005041.D

Acq: 31 Aug 2018 13:56

Tgt Ion: 97 Resp: 17097

Ion	Ratio	Lower	Upper
97	100		
83	80.9	57.3	106.5
85	52.0	37.8	70.2
99	60.8	42.0	78.0





#47

Tetrachloroethene

Concen: 2.161 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW005041.D

Acq: 31 Aug 2018 13:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.587

Tgt Ion:164 Resp: 19993

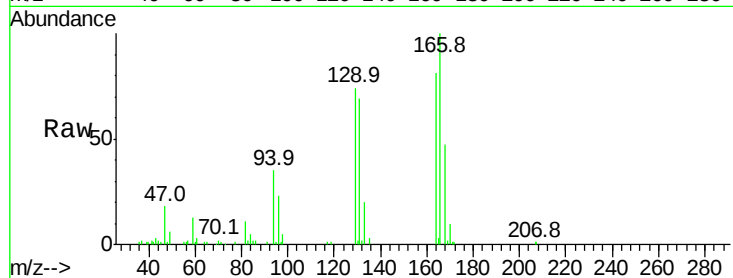
Ion Ratio Lower Upper

164 100

129 91.1 62.6 116.2

131 85.2 61.9 115.1

166 123.1 88.7 164.7

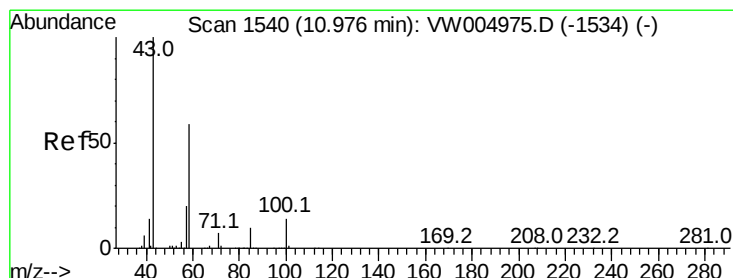
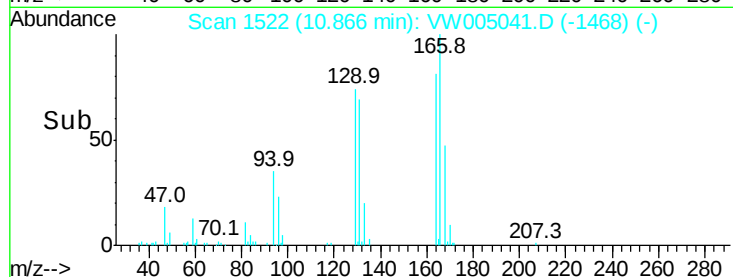
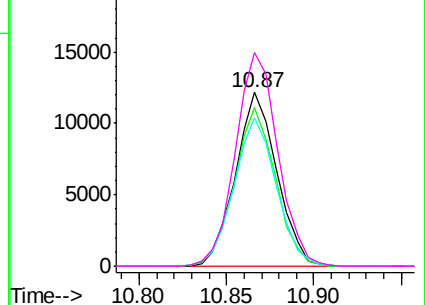


Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.125 ug/L

RT: 10.98 min Scan# 1540

Delta R.T. 0.00 min

Lab File: VW005041.D

Acq: 31 Aug 2018 13:56

Tgt Ion: 43 Resp: 16666

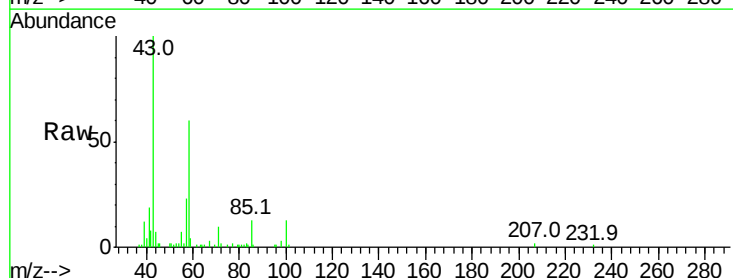
Ion Ratio Lower Upper

43 100

58 59.2 45.8 68.8

57 22.9 15.9 23.9

100 11.6 10.7 16.1

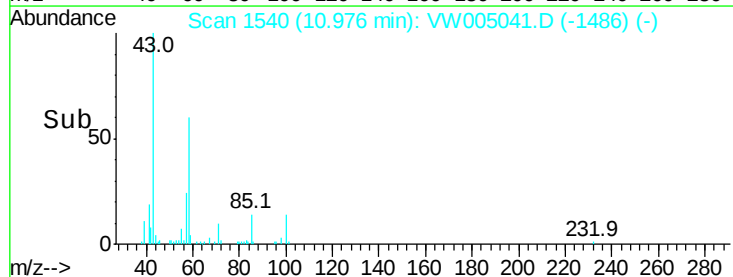
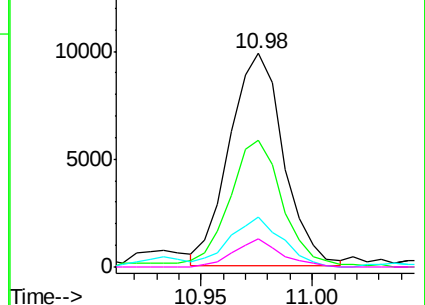


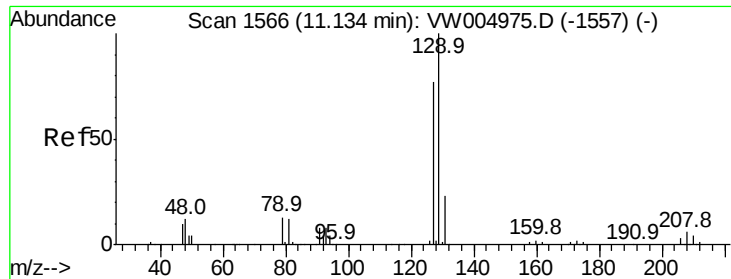
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 58.00 (57.70 to 58.70): VV

Ion 57.00 (56.70 to 57.70): VV

Ion 100.00 (99.70 to 100.70): VV





#50

Dibromochloromethane

Concen: 2.111 ug/L

RT: 11.13 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VW005041.D

Acq: 31 Aug 2018 13:56

Instrument :

MSVOA_W

ClientSampleId :

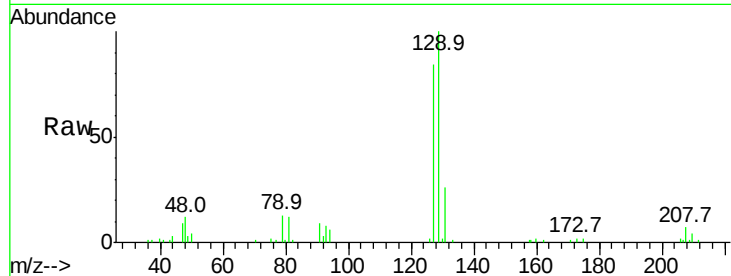
VSTD2.587

Tgt Ion:129 Resp: 17100

Ion Ratio Lower Upper

129 100

127 84.3 54.1 100.5

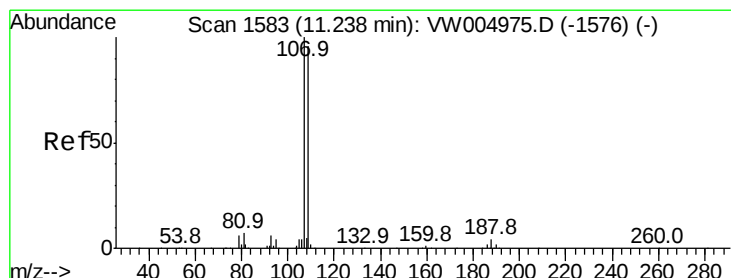
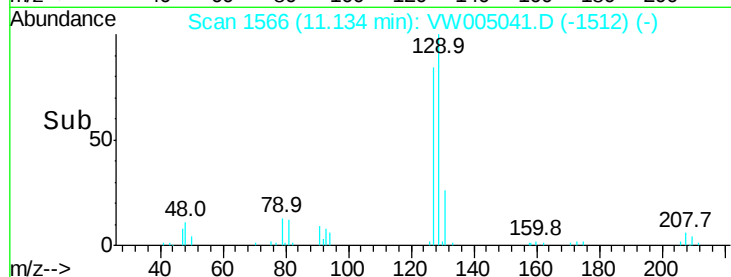


Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

11.13

Time--> 11.05 11.10 11.15 11.20



#51

1,2-Dibromoethane

Concen: 2.096 ug/L

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW005041.D

Acq: 31 Aug 2018 13:56

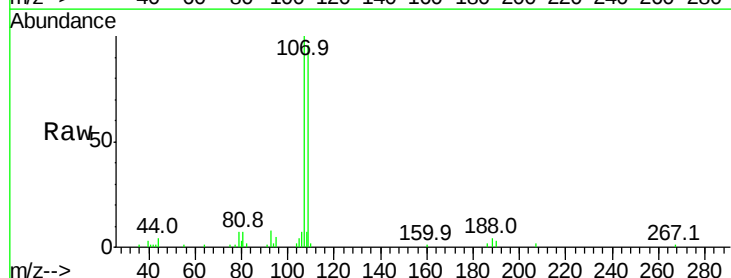
Tgt Ion:107 Resp: 15015

Ion Ratio Lower Upper

107 100

109 95.9 65.9 122.5

188 4.1 2.8 4.2



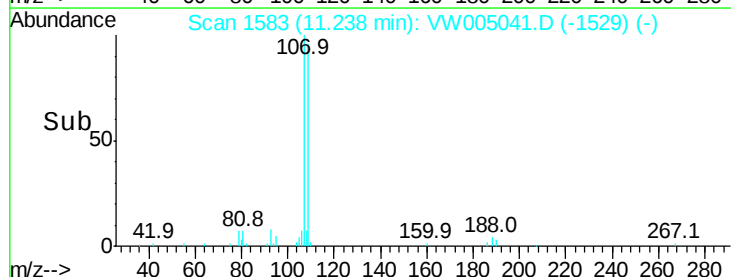
Abundance Ion 107.00 (106.70 to 107.70): V

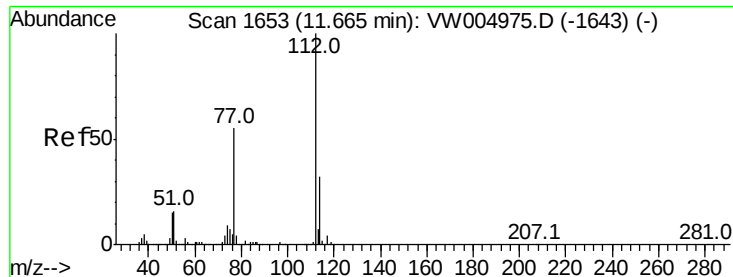
Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V

11.24

Time--> 11.20 11.25 11.30





#52

Chlorobenzene

Concen: 2.134 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW005041.D

Acq: 31 Aug 2018 13:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.587

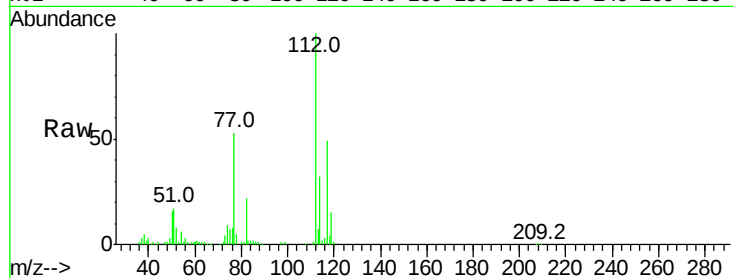
Tgt Ion: 112 Resp: 64692

Ion Ratio Lower Upper

112 100

77 52.5 44.5 66.7

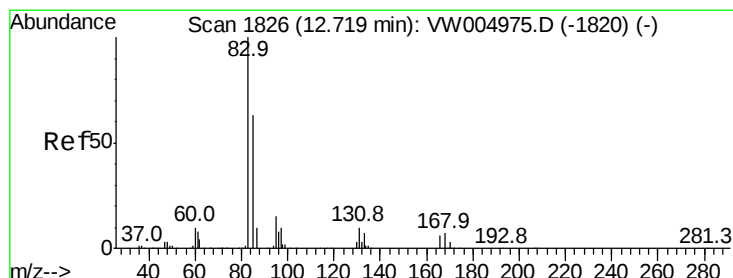
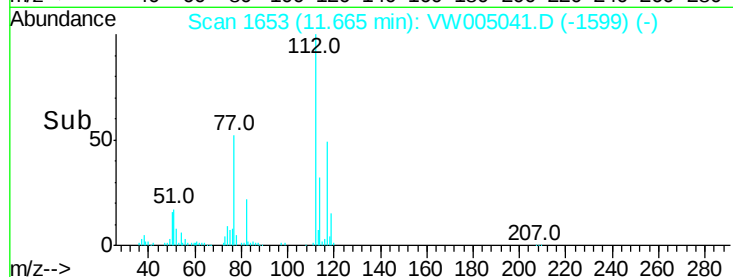
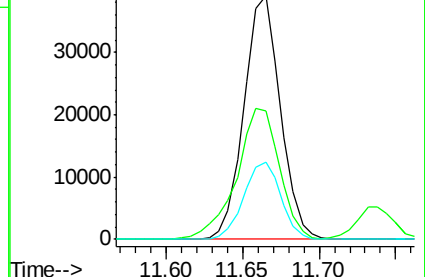
114 31.6 22.3 41.3



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 2.063 ug/L

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW005041.D

Acq: 31 Aug 2018 13:56

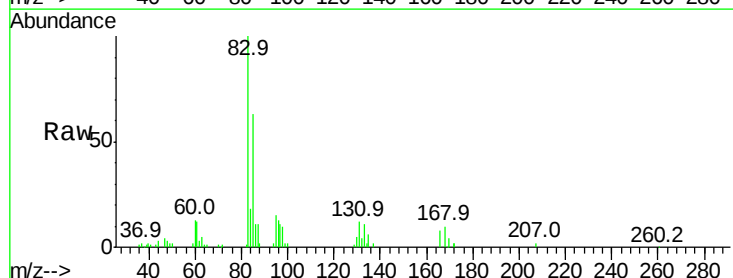
Tgt Ion: 83 Resp: 21453

Ion Ratio Lower Upper

83 100

85 62.7 44.9 83.5

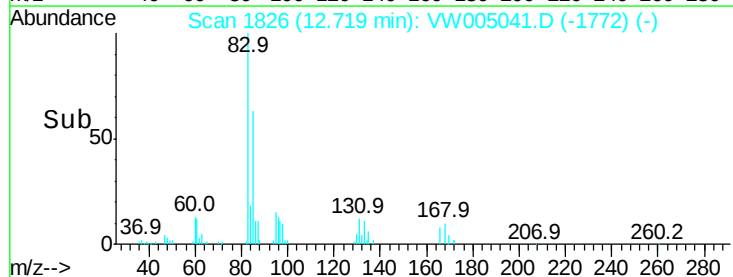
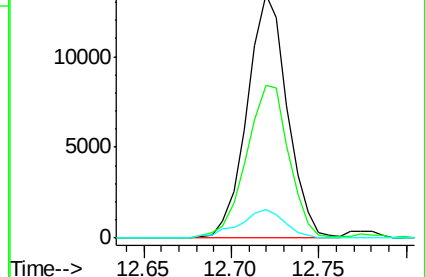
131 11.6 7.9 11.9

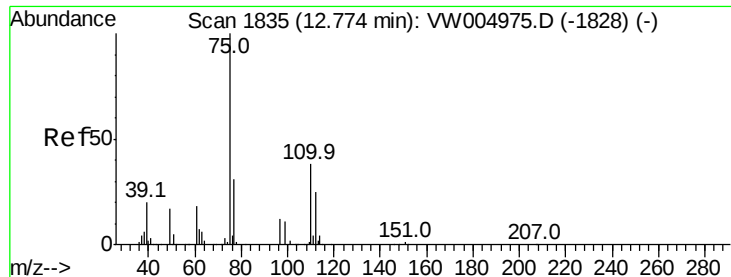


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 2.150 ug/L

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW005041.D

Acq: 31 Aug 2018 13:56

Instrument :

MSVOA_W

ClientSampleId :

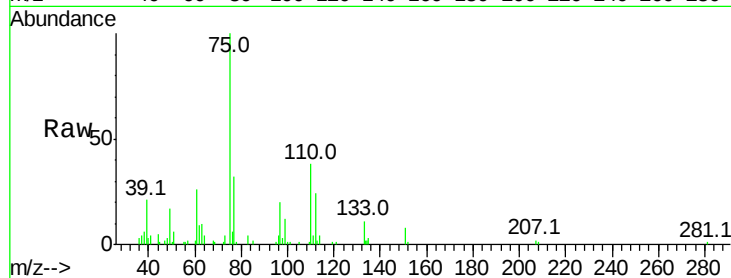
VSTD2.587

Tgt Ion: 75 Resp: 17226

Ion Ratio Lower Upper

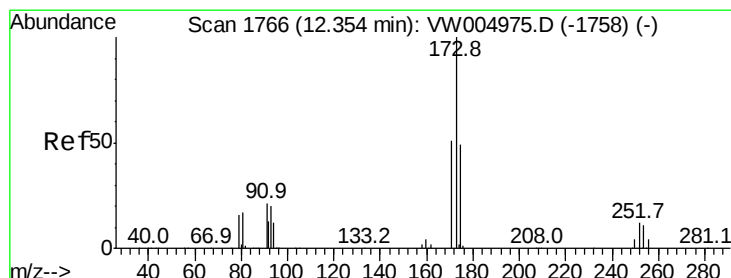
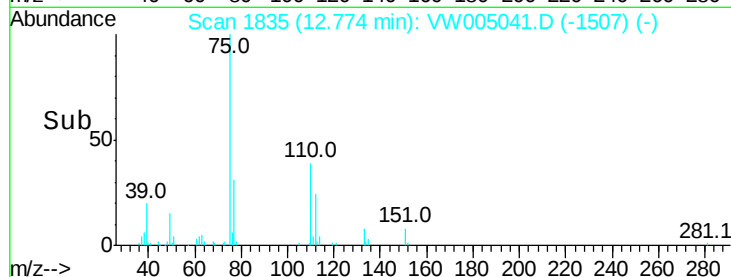
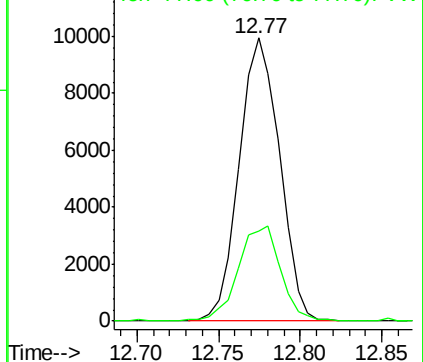
75 100

77 35.1 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#62

Bromoform

Concen: 2.226 ug/L

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW005041.D

Acq: 31 Aug 2018 13:56

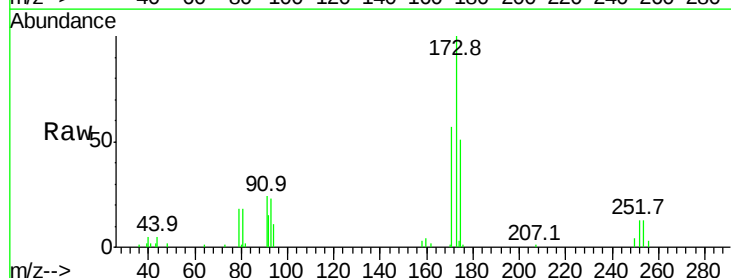
Tgt Ion: 173 Resp: 11853

Ion Ratio Lower Upper

173 100

175 50.3 39.5 59.3

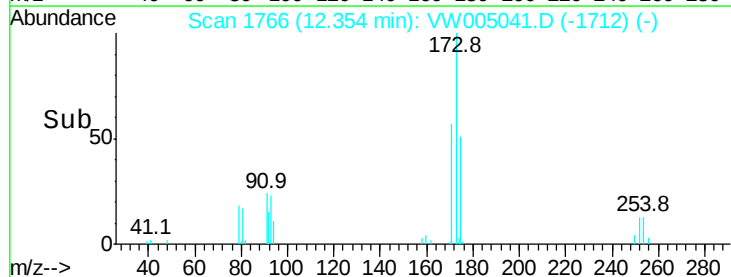
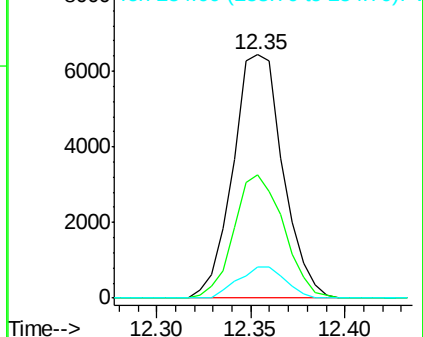
254 12.3 9.4 14.0

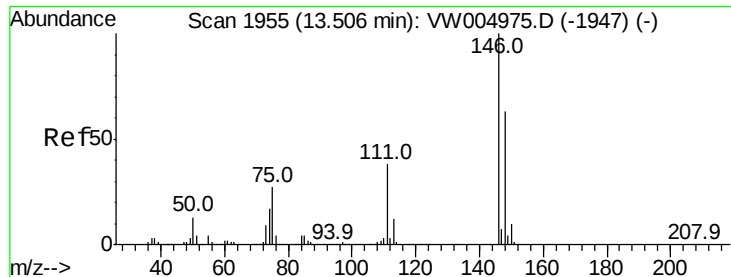


Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V

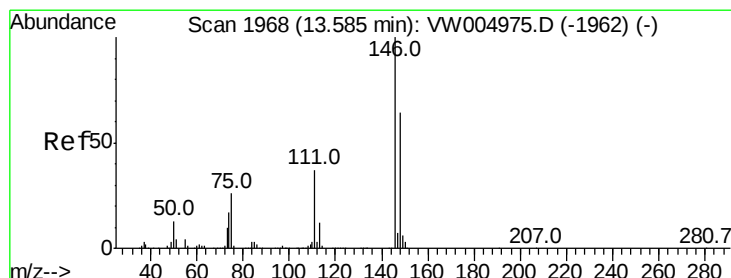
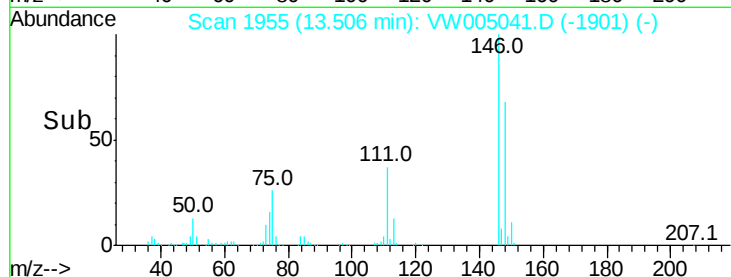
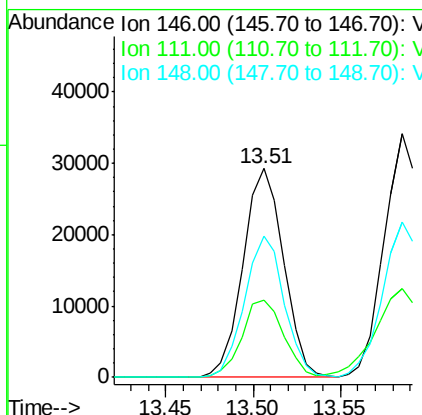
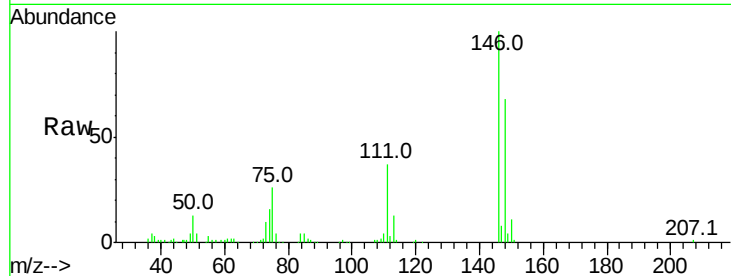




#63
 1,3-Dichlorobenzene
 Concen: 2.039 ug/L
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW005041.D
 Acq: 31 Aug 2018 13:56

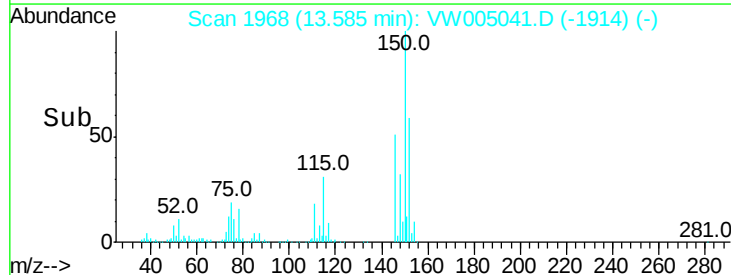
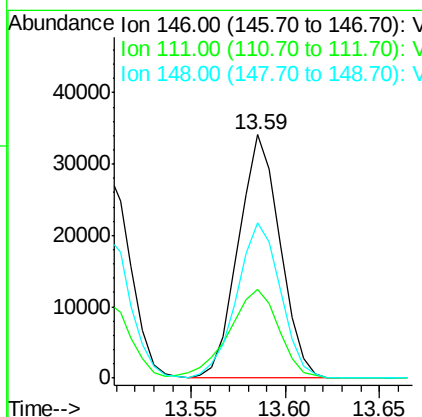
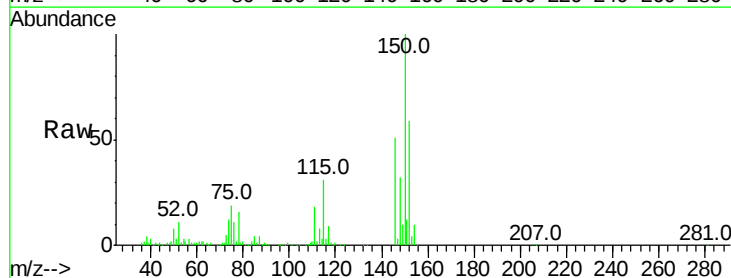
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.587

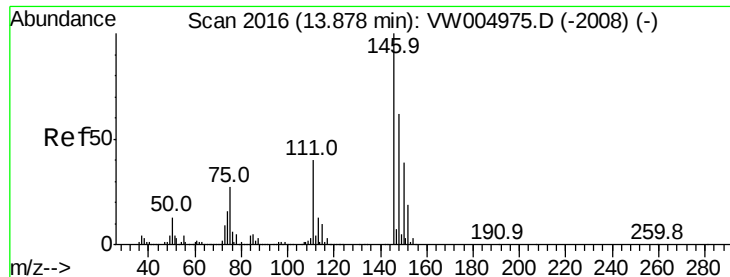
Tgt Ion:146 Resp: 47190
 Ion Ratio Lower Upper
 146 100
 111 36.7 26.8 49.8
 148 67.6 44.7 82.9



#64
 1,4-Dichlorobenzene
 Concen: 2.164 ug/L
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW005041.D
 Acq: 31 Aug 2018 13:56

Tgt Ion:146 Resp: 52432
 Ion Ratio Lower Upper
 146 100
 111 36.3 26.0 48.4
 148 64.0 45.4 84.4





#65

1,2-Dichlorobenzene

Concen: 2.161 ug/L

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW005041.D

Acq: 31 Aug 2018 13:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.587

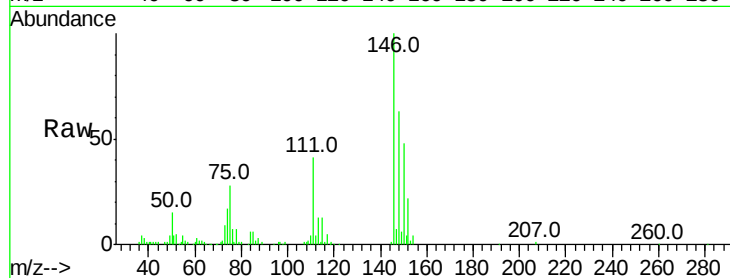
Tgt Ion:146 Resp: 47913

Ion Ratio Lower Upper

146 100

111 40.9 32.2 48.2

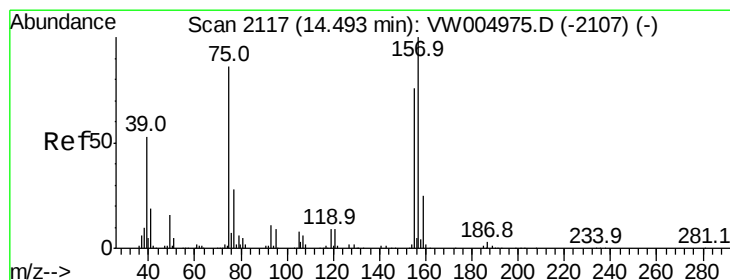
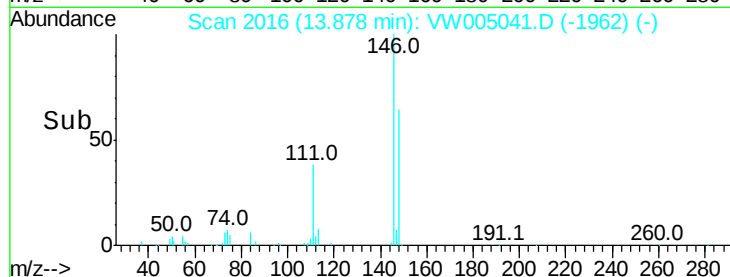
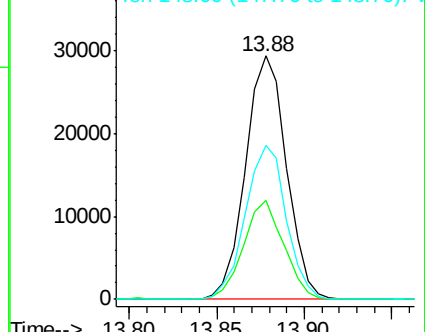
148 63.3 49.9 74.9



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: 2.159 ug/L

RT: 14.49 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VW005041.D

Acq: 31 Aug 2018 13:56

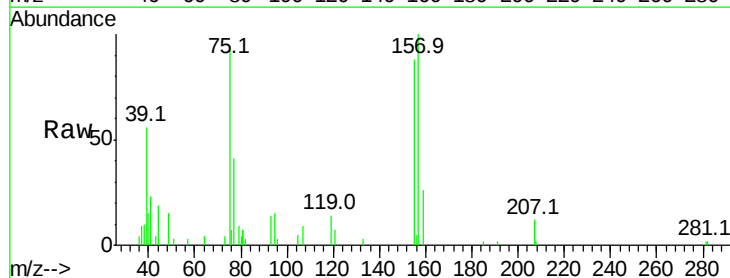
Tgt Ion: 75 Resp: 4059

Ion Ratio Lower Upper

75 100

157 108.9 87.6 131.4

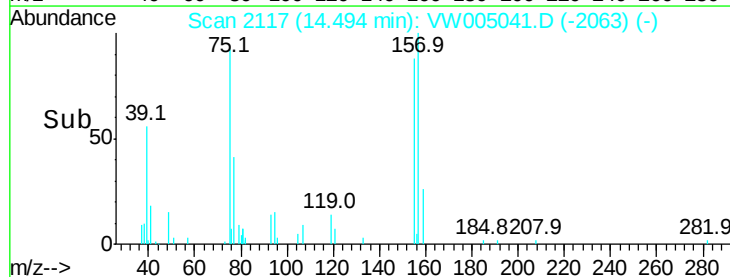
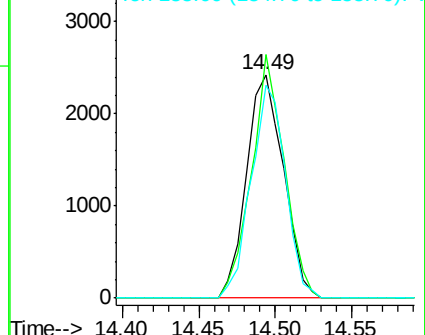
155 95.3 72.4 108.6

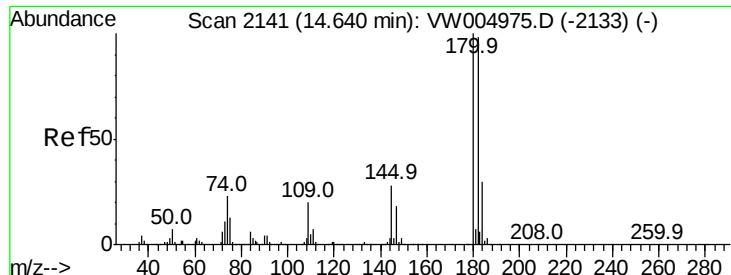


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

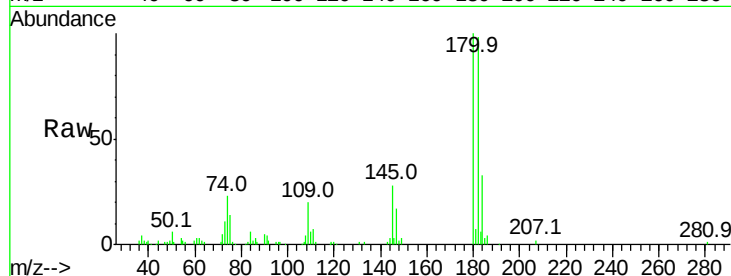




#67
 1,3,5-Trichlorobenzene
 Concen: 2.073 ug/L
 RT: 14.64 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VW005041.D
 Acq: 31 Aug 2018 13:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.587

Tgt Ion:	180	Resp:	38390
Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.6	115.0
184	30.8	24.2	36.4
145	27.8	22.6	33.8



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

