

Data File : VW014765.D
Acq On : 27 Jan 2020 13:45
Operator : SY/VA
Sample : VSTD2.5
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.503

Quant Time: Jan 27 15:24:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 27 13:46:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	778035	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	709121	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	323199	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	34045	2.90	ug/L	0.00
7) Chloroethane-d5	2.89	69	25600	2.65	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	58648	2.76	ug/L	0.00
20) 2-Butanone-d5	7.28	46	348	0.13	ug/L	0.21
24) Chloroform-d	7.65	84	56839	3.05	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	33067	3.38	ug/L	0.00
29) Benzene-d6	8.27	84	112293	2.81	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	35771	2.91	ug/L	0.00
37) Toluene-d8	10.32	98	97269	2.79	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	13794	2.91	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	13671	6.60	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	32616	3.75	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	34541	3.22	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	19292	2.097 ug/L	86
3) Chloromethane	2.21	50	35017	3.400 ug/L	99
5) Vinyl chloride	2.36	62	45140	2.951 ug/L	98
6) Bromomethane	2.78	94	22611	2.783 ug/L	98
8) Chloroethane	2.92	64	21627	2.557 ug/L	93
9) Trichlorofluoromethane	3.26	101	18077	2.424 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	28791	2.644 ug/L	# 60
12) 1,1-Dichloroethene	4.04	96	27635	2.589 ug/L	99
13) Acetone	4.12	43	30723	9.080 ug/L	99
14) Carbon disulfide	4.39	76	91232	2.650 ug/L	100
15) Methyl Acetate	4.67	43	16365	3.130 ug/L	98
16) Methylene chloride	4.92	84	47215	4.107 ug/L	95
17) Methyl tert-butyl Ether	5.42	73	38118	2.882 ug/L	# 89
18) trans-1,2-Dichloroethene	5.42	96	28088	2.632 ug/L	99
19) 1,1-Dichloroethane	6.21	63	53961	2.740 ug/L	97
21) 2-Butanone	7.17	43	26195	7.189 ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	28754	2.580 ug/L	97
23) Bromochloromethane	7.51	128	14554	3.006 ug/L	86
25) Chloroform	7.67	83	50745	2.652 ug/L	99
27) 1,2-Dichloroethane	8.40	62	35856	2.830 ug/L	98
30) Cyclohexane	7.96	56	43801	2.196 ug/L	97
31) 1,1,1-Trichloroethane	7.87	97	40957	2.553 ug/L	99
32) Carbon tetrachloride	8.06	117	38067	2.534 ug/L	99
34) Benzene	8.32	78	117812	2.519 ug/L	100
35) Trichloroethene	9.09	95	30332	2.502 ug/L	99
36) Methylcyclohexane	9.33	83	46780	2.310 ug/L	97
40) 1,2-Dichloropropane	9.37	63	30537	2.602 ug/L	100
41) Bromodichloromethane	9.64	83	36121	2.568 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	38691	2.292 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	45041	6.562 ug/L	95

Data File : VW014765.D
Acq On : 27 Jan 2020 13:45
Operator : SY/VA
Sample : VSTD2.5
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.503

Quant Time: Jan 27 15:24:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 27 13:46:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	113757	2.470	ug/L	95
45) trans-1,3-Dichloropropene	10.60	75	34005	2.532	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	21375	2.738	ug/L	95
47) Tetrachloroethene	10.86	164	23344	2.504	ug/L	99
49) 2-Hexanone	10.96	43	27423	5.538	ug/L	98
50) Dibromochloromethane	11.13	129	23630	2.654	ug/L	92
51) 1,2-Dibromoethane	11.24	107	21236	2.917	ug/L #	96
52) Chlorobenzene	11.66	112	74820	2.589	ug/L	95
53) Ethylbenzene	11.73	91	120115	2.380	ug/L	100
54) m,p-Xylene	11.83	106	43767	2.312	ug/L	93
55) o-xylene	12.16	106	40722	2.290	ug/L	99
56) Styrene	12.18	104	67047	2.233	ug/L	95
57) Isopropylbenzene	12.46	105	109019	2.275	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.71	83	31066	3.297	ug/L #	95
59) 1,2,3-Trichloropropane	12.77	75	23116	3.277	ug/L	99
62) Bromoform	12.35	173	14734	2.984	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	54089	2.606	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	55573	2.648	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	49372	2.630	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	5102	3.614	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	39788	2.652	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	25730	2.274	ug/L	96
69) Naphthalene	15.36	128	45560	2.270	ug/L	98
70) 1,2,3-Trichlorobenzene	15.55	180	25236	2.451	ug/L	98

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

Data File : VW014765.D

Acq On : 27 Jan 2020 13:45

Operator : SY/VA

Sample : VSTD2.5

Misc : 5.00G/10ML/MSVOA W/SOIL

```
ALS Vial      : 1      Sample Multiplier: 1
```

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.503

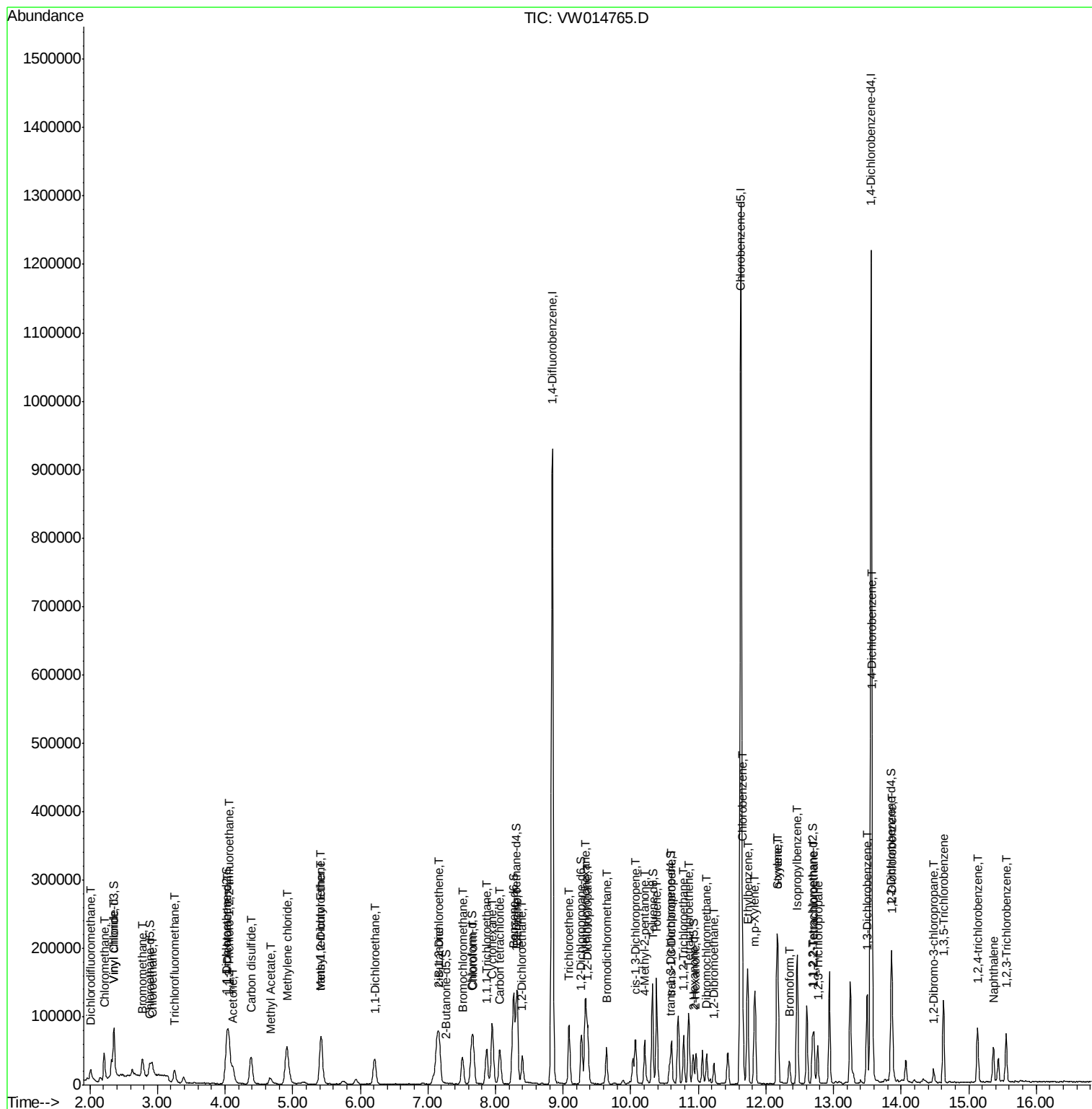
Quant Time: Jan 27 15:24:32 2020

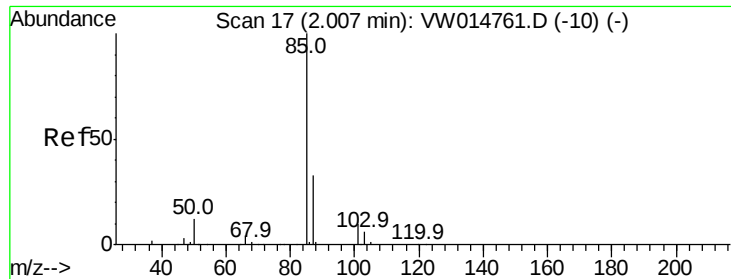
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M

Quant Title : VOC Analysis

QLast Update : Mon Jan 27 13:46:01 2020

Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 2.097 ug/L

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW014765.D

Acq: 27 Jan 2020 13:45

Instrument :

MSVOA_W

ClientSampleId :

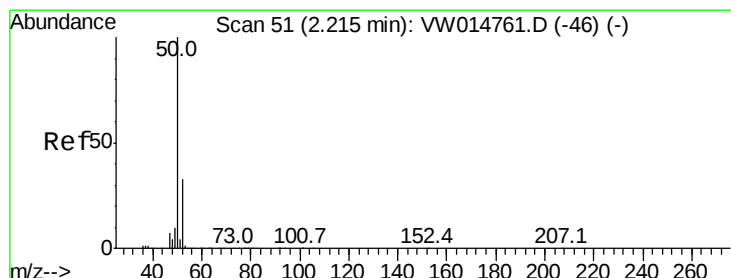
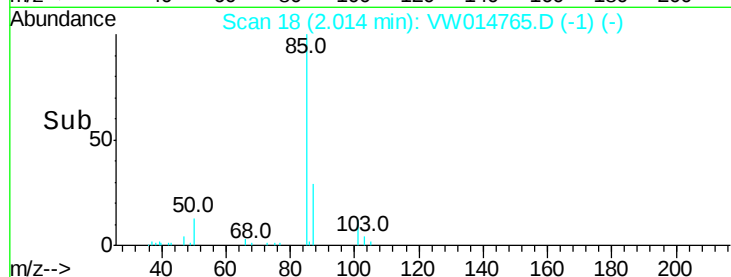
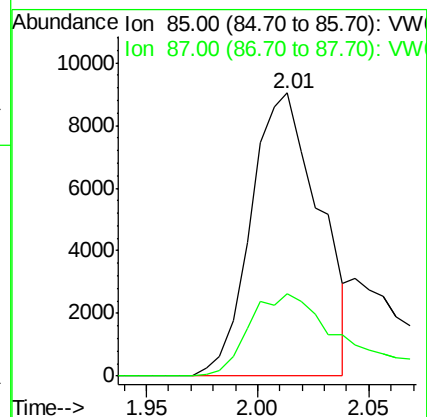
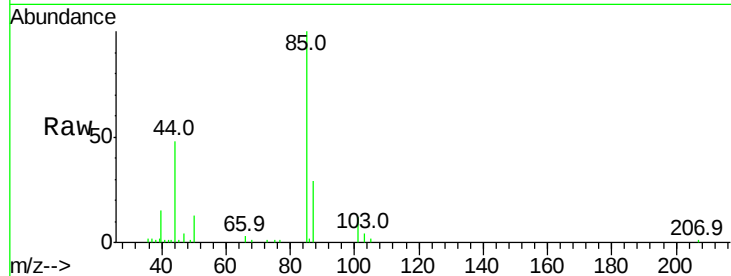
VSTD2.503

Tgt Ion: 85 Resp: 19292

Ion Ratio Lower Upper

85 100

87 39.2 22.0 40.8



#3

Chloromethane

Concen: 3.400 ug/L

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW014765.D

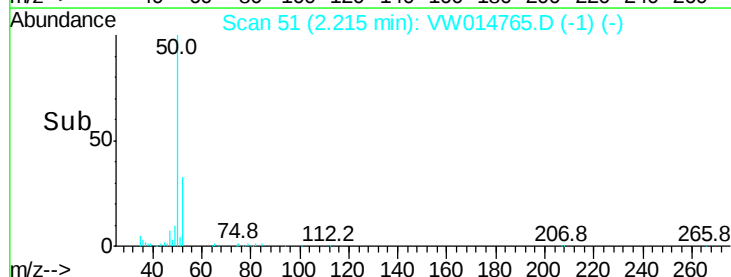
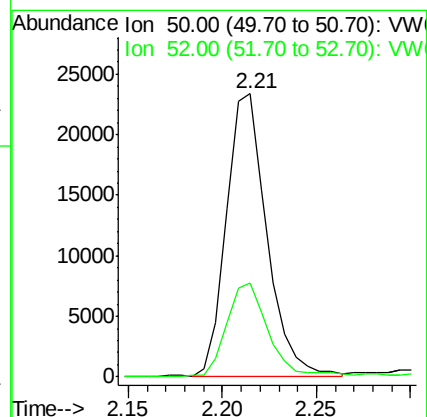
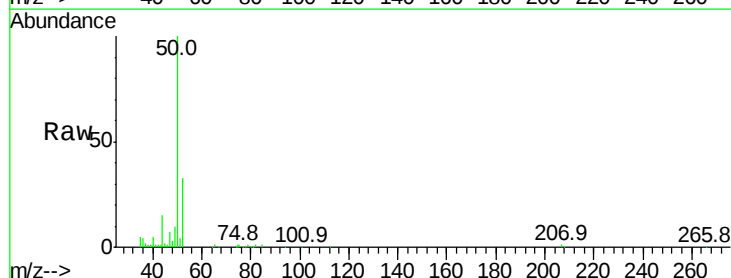
Acq: 27 Jan 2020 13:45

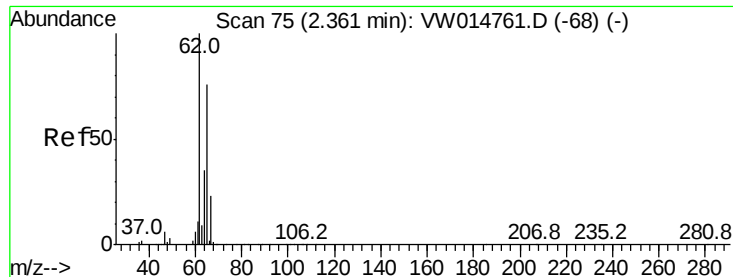
Tgt Ion: 50 Resp: 35017

Ion Ratio Lower Upper

50 100

52 33.1 22.9 42.5





#5

Vinyl chloride

Concen: 2.951 ug/L

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW014765.D

Acq: 27 Jan 2020 13:45

Instrument :

MSVOA_W

ClientSampleId :

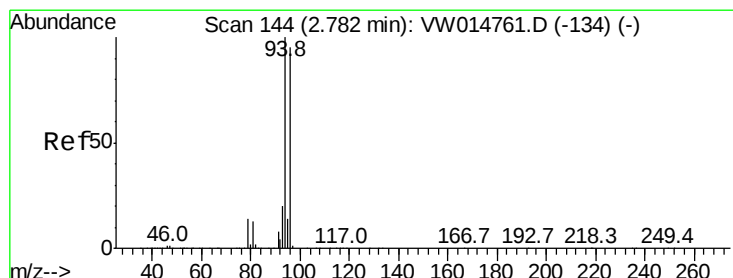
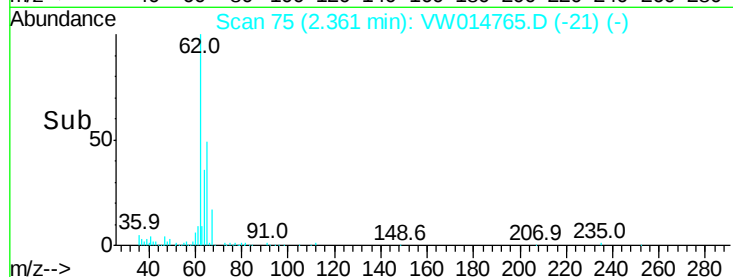
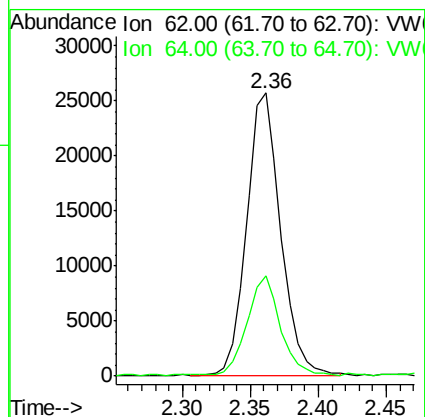
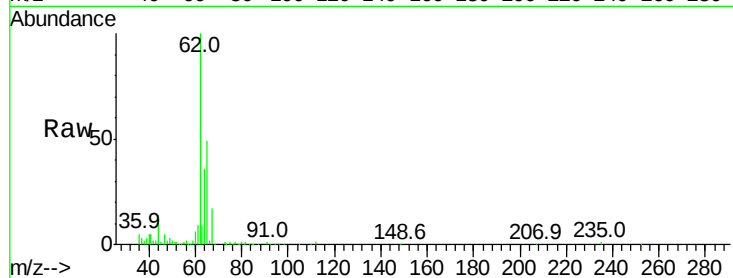
VSTD2.503

Tgt Ion: 62 Resp: 45140

Ion Ratio Lower Upper

62 100

64 35.7 24.3 45.1



#6

Bromomethane

Concen: 2.783 ug/L

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW014765.D

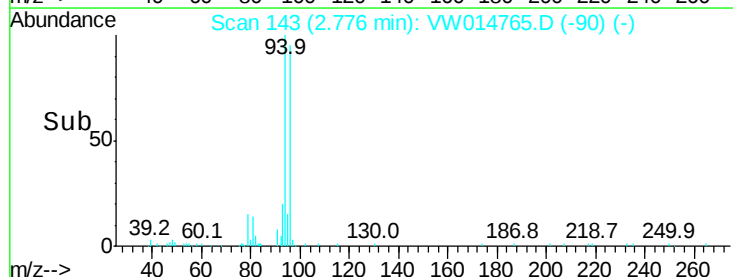
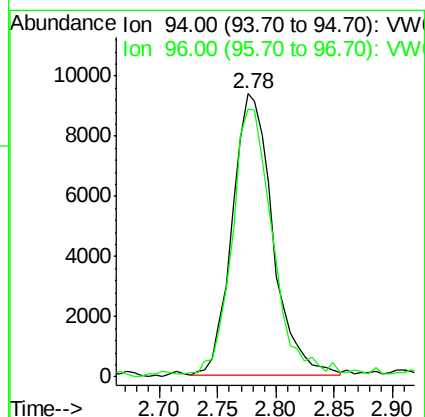
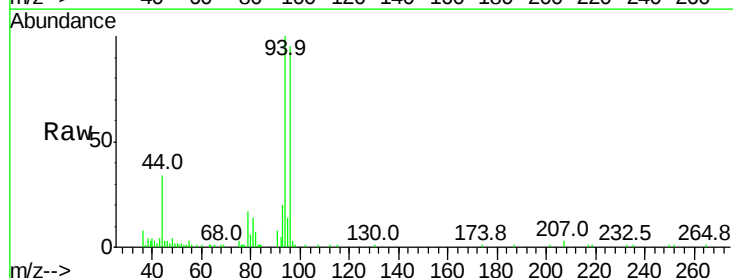
Acq: 27 Jan 2020 13:45

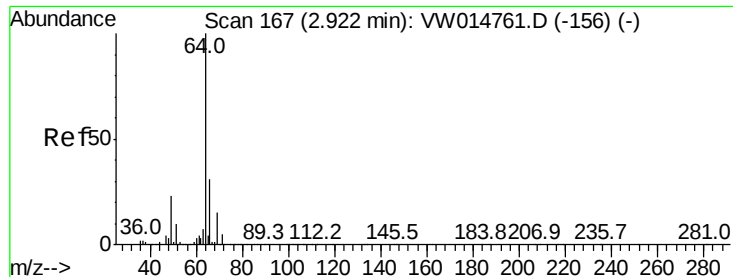
Tgt Ion: 94 Resp: 22611

Ion Ratio Lower Upper

94 100

96 92.0 9.3 177.7





#8

Chloroethane

Concen: 2.557 ug/L

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW014765.D

Acq: 27 Jan 2020 13:45

Instrument :

MSVOA_W

ClientSampleId :

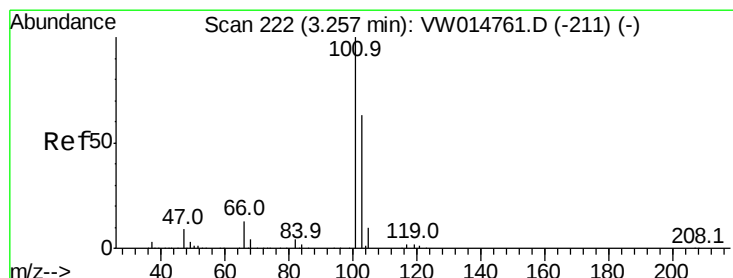
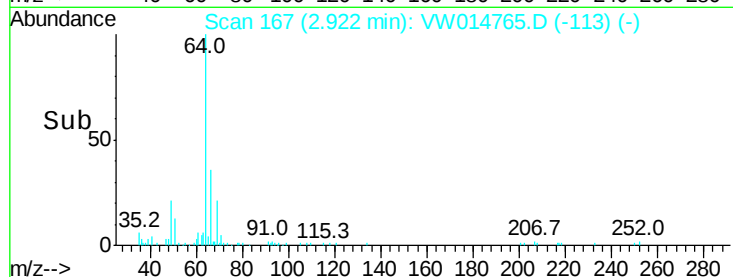
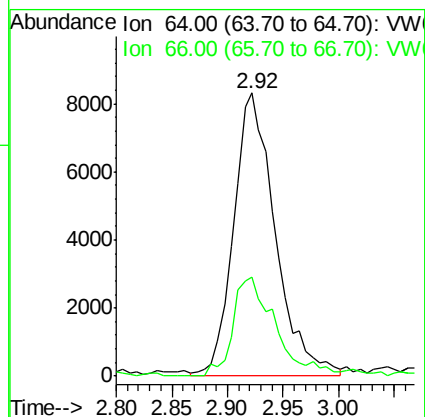
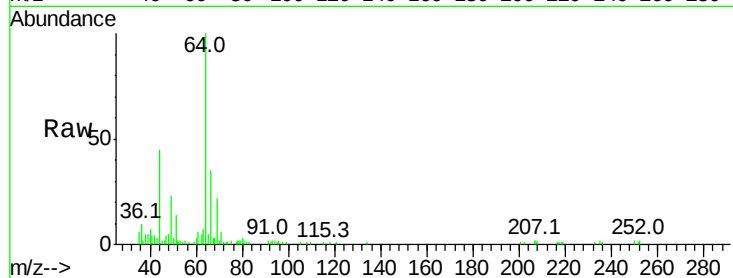
VSTD2.503

Tgt Ion: 64 Resp: 21627

Ion Ratio Lower Upper

64 100

66 34.9 21.8 40.4



#9

Trichlorofluoromethane

Concen: 2.424 ug/L

RT: 3.26 min Scan# 222

Delta R.T. 0.00 min

Lab File: VW014765.D

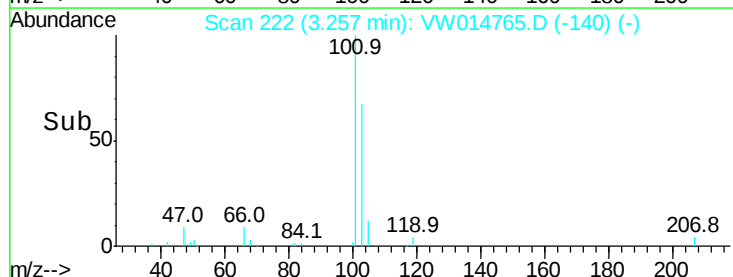
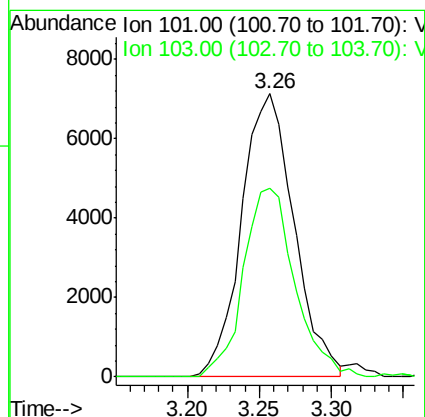
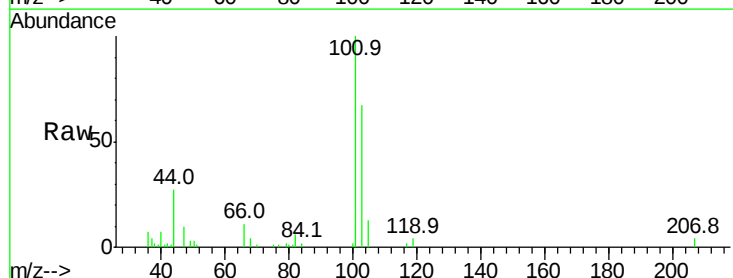
Acq: 27 Jan 2020 13:45

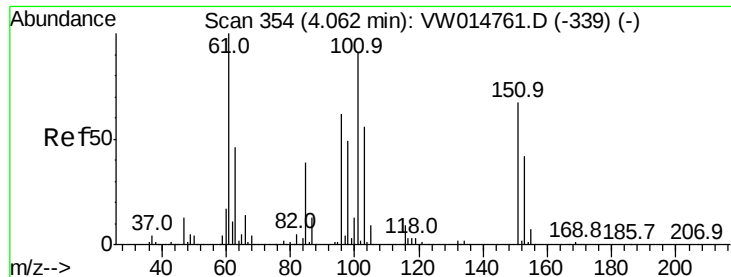
Tgt Ion: 101 Resp: 18077

Ion Ratio Lower Upper

101 100

103 65.1 45.1 83.9





#11

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

Concen: 2.644 ug/L

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW014765.D

Acq: 27 Jan 2020 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.503

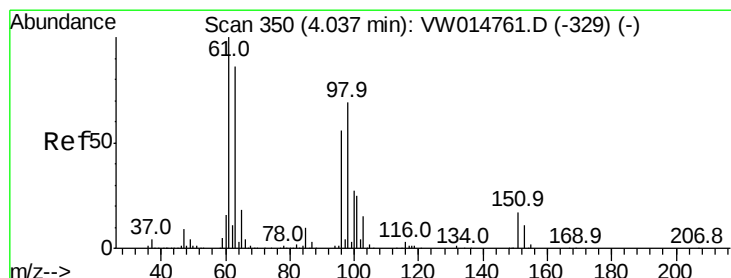
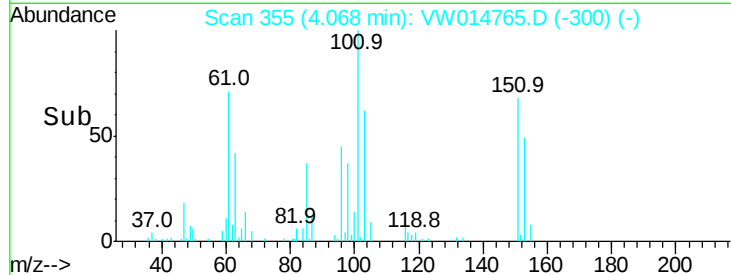
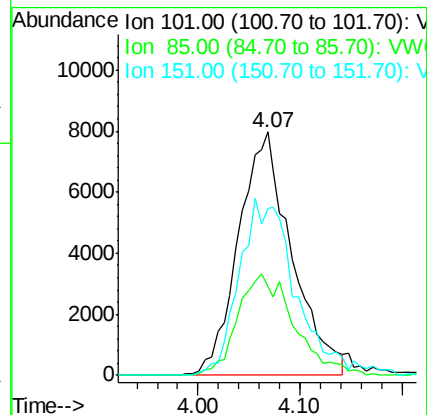
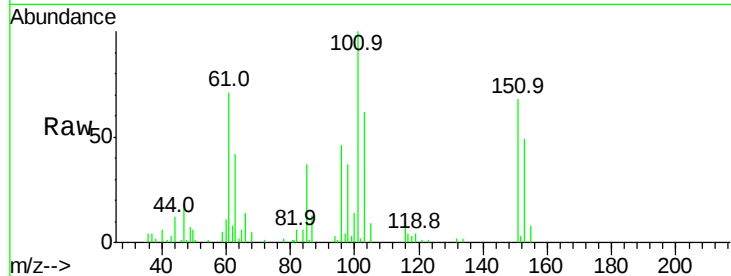
Tgt Ion:101 Resp: 28791

Ion Ratio Lower Upper

101 100

85 27.4 33.8 50.6#

151 33.0 59.7 89.5#



#12

1,1-Dichloroethene

Concen: 2.589 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW014765.D

Acq: 27 Jan 2020 13:45

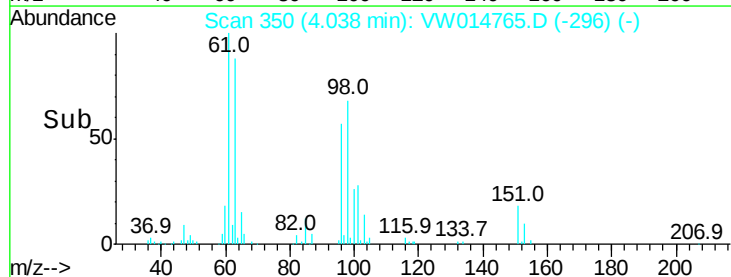
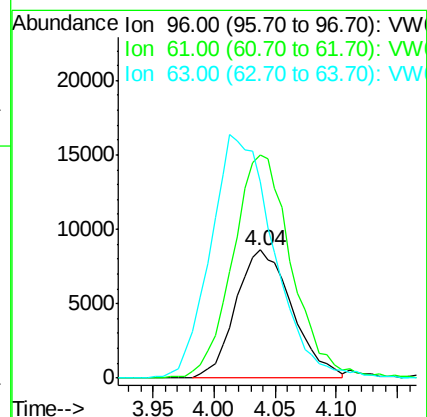
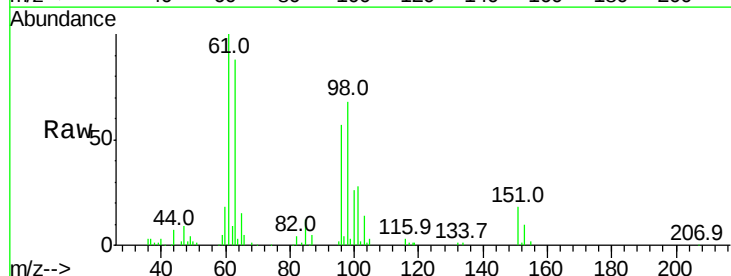
Tgt Ion: 96 Resp: 27635

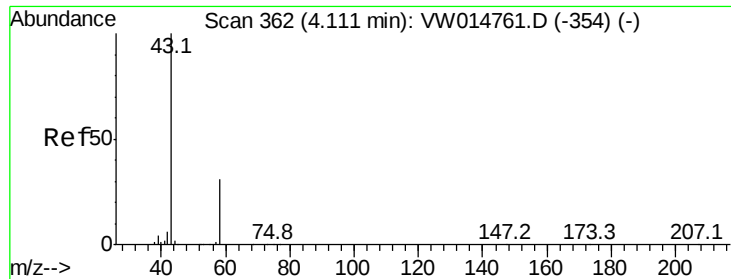
Ion Ratio Lower Upper

96 100

61 174.7 124.3 230.9

63 153.8 107.0 198.6





#13

Acetone

Concen: 9.080 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014765.D

Acq: 27 Jan 2020 13:45

Instrument :

MSVOA_W

ClientSampleId :

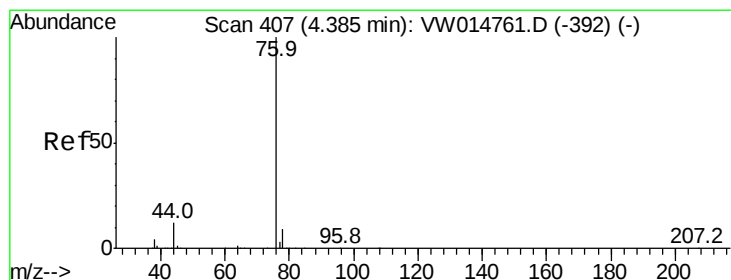
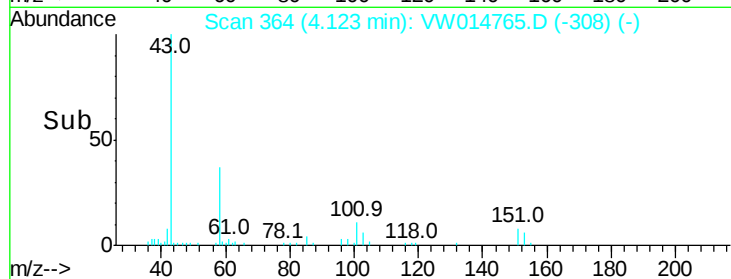
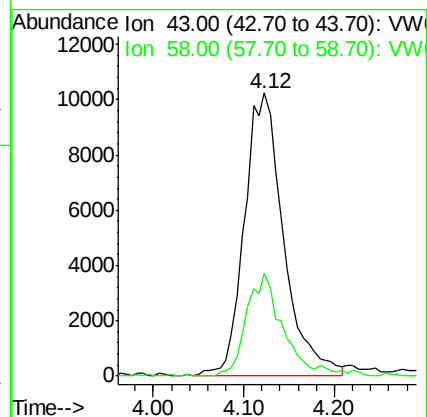
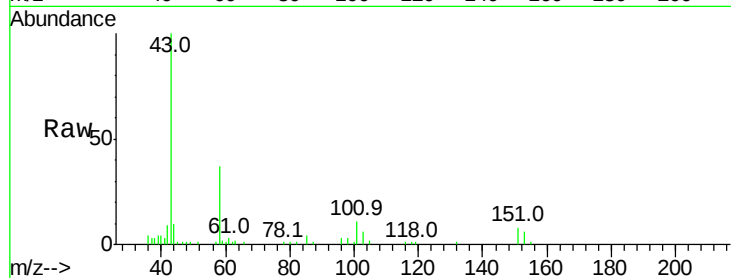
VSTD2.503

Tgt Ion: 43 Resp: 30723

Ion Ratio Lower Upper

43 100

58 31.9 0.0 64.6



#14

Carbon disulfide

Concen: 2.650 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW014765.D

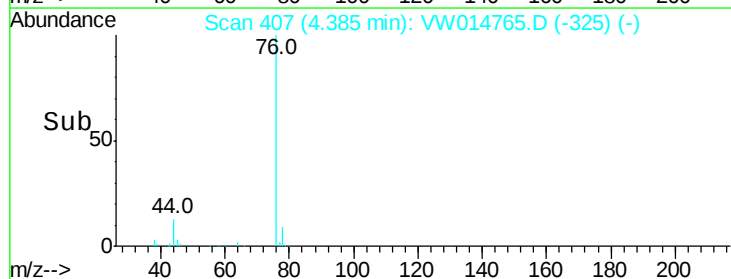
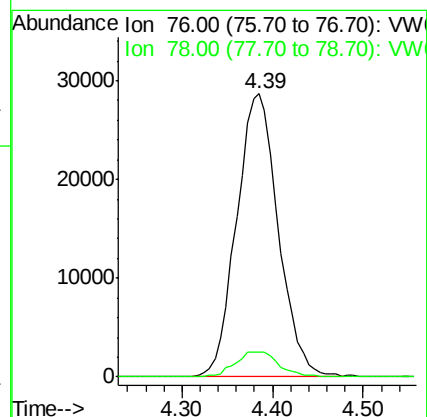
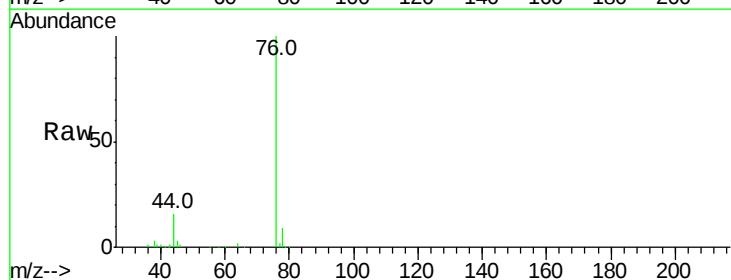
Acq: 27 Jan 2020 13:45

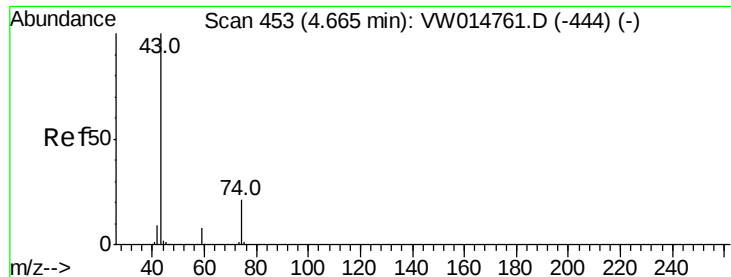
Tgt Ion: 76 Resp: 91232

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





#15

Methyl Acetate

Concen: 3.130 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW014765.D

Acq: 27 Jan 2020 13:45

Instrument :

MSVOA_W

ClientSampleId :

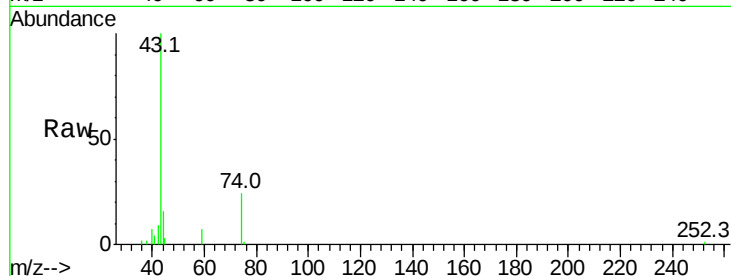
VSTD2.503

Tgt Ion: 43 Resp: 16365

Ion Ratio Lower Upper

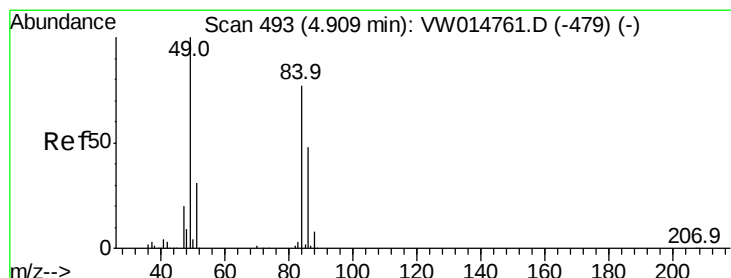
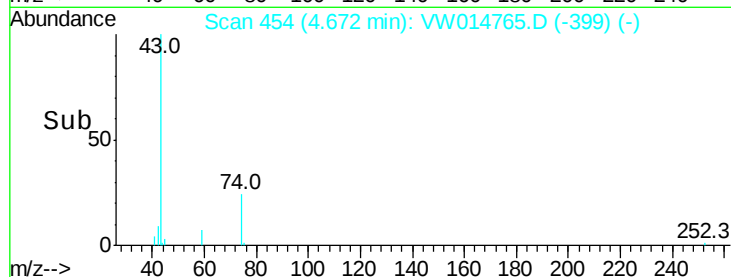
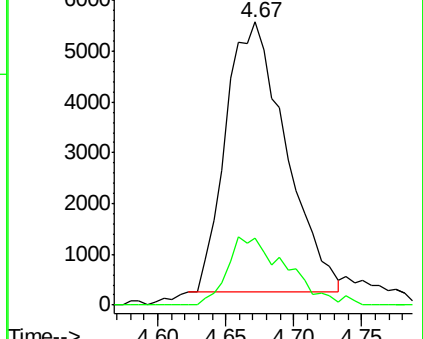
43 100

74 23.3 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



#16

Methylene chloride

Concen: 4.107 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW014765.D

Acq: 27 Jan 2020 13:45

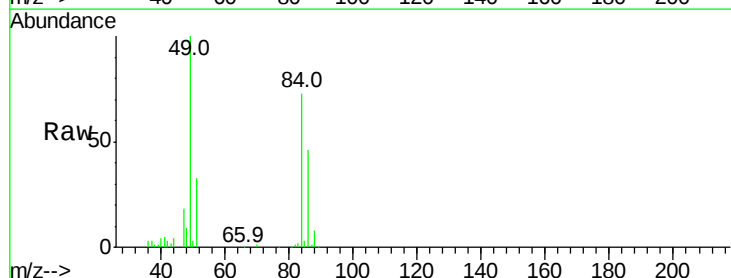
Tgt Ion: 84 Resp: 47215

Ion Ratio Lower Upper

84 100

49 137.8 90.9 168.7

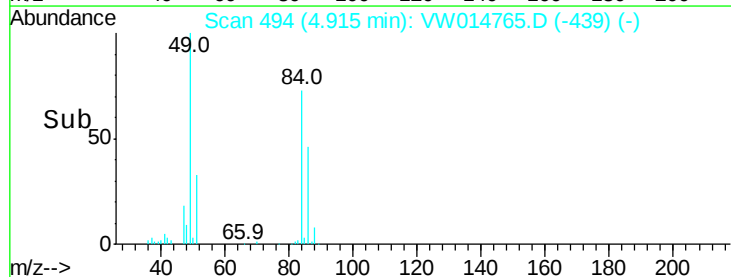
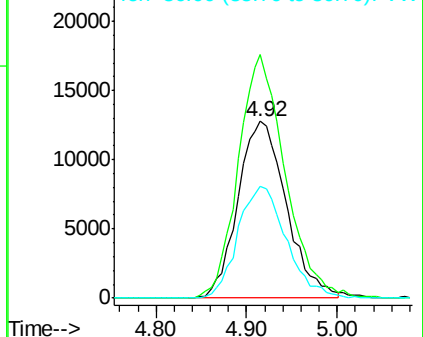
86 63.5 43.5 80.7

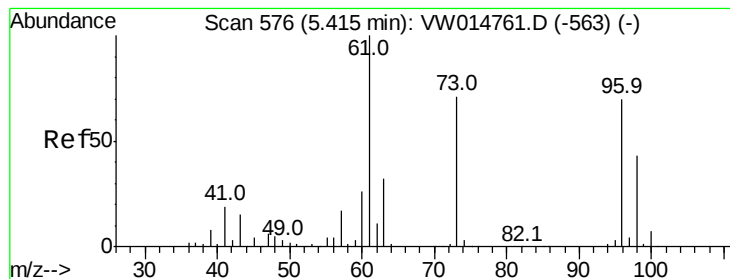


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#17

Methyl tert-butyl Ether

Concen: 2.882 ug/L

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW014765.D

Acq: 27 Jan 2020 13:45

Instrument :

MSVOA_W

ClientSampled :

VSTD2.503

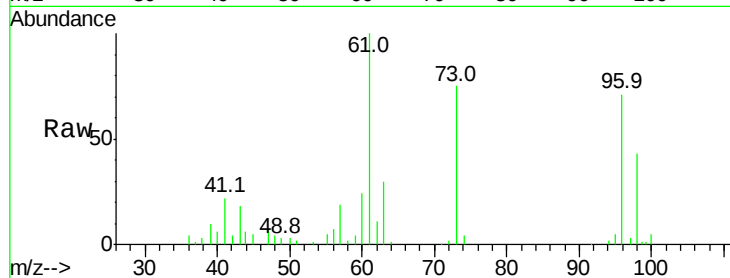
Tgt Ion: 73 Resp: 38118

Ion Ratio Lower Upper

73 100

43 21.8 16.2 24.4

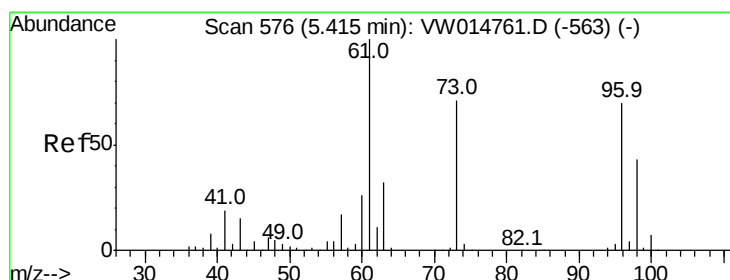
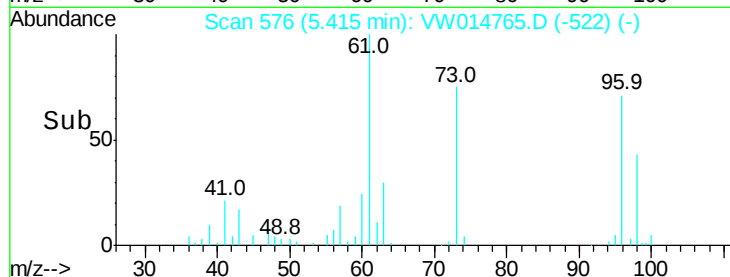
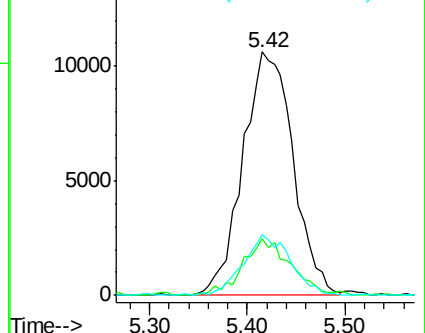
57 15.0 19.1 28.7#



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 57.00 (56.70 to 57.70): VW



#18

trans-1,2-Dichloroethene

Concen: 2.632 ug/L

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW014765.D

Acq: 27 Jan 2020 13:45

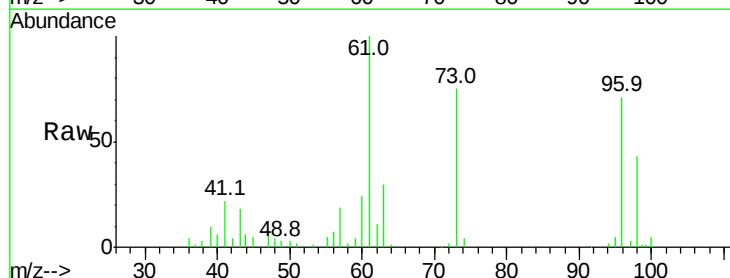
Tgt Ion: 96 Resp: 28088

Ion Ratio Lower Upper

96 100

61 141.7 100.2 186.0

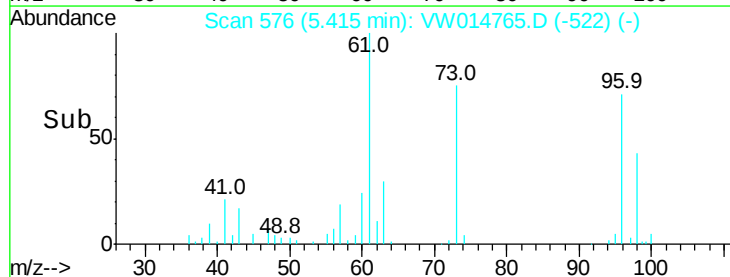
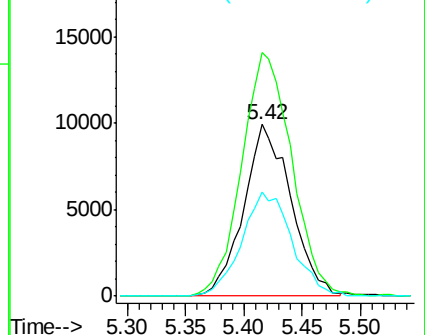
98 62.1 43.1 80.1

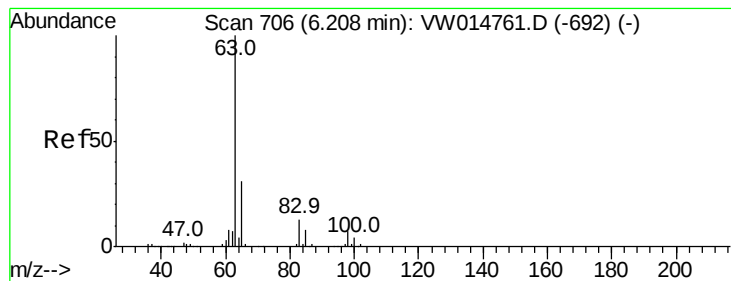


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW





#19

1,1-Dichloroethane

Concen: 2.740 ug/L

RT: 6.21 min Scan# 707

Delta R.T. 0.01 min

Lab File: VW014765.D

Acq: 27 Jan 2020 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.503

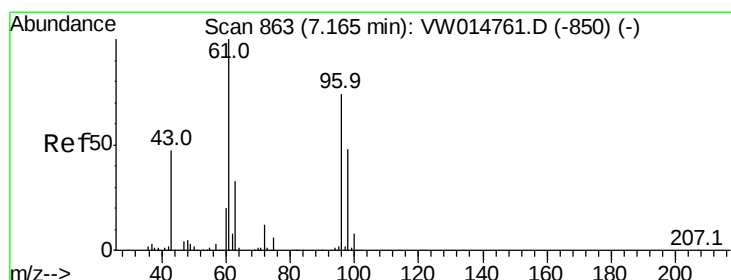
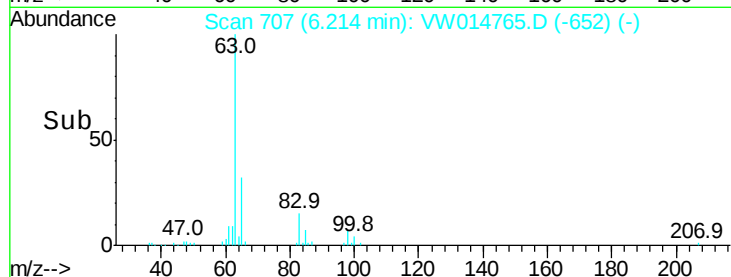
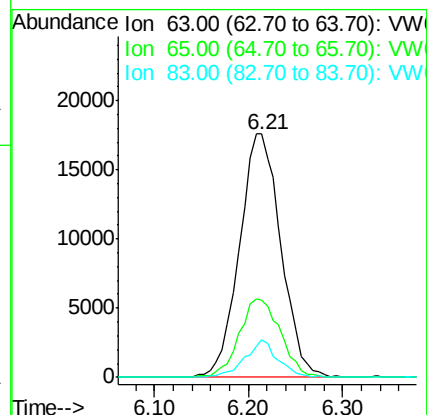
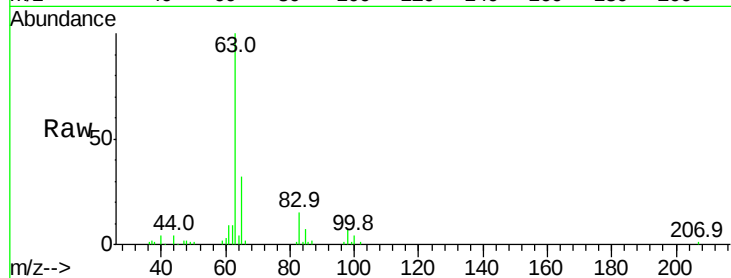
Tgt Ion: 63 Resp: 53961

Ion Ratio Lower Upper

63 100

65 31.6 21.7 40.3

83 15.3 8.8 16.4



#21

2-Butanone

Concen: 7.189 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW014765.D

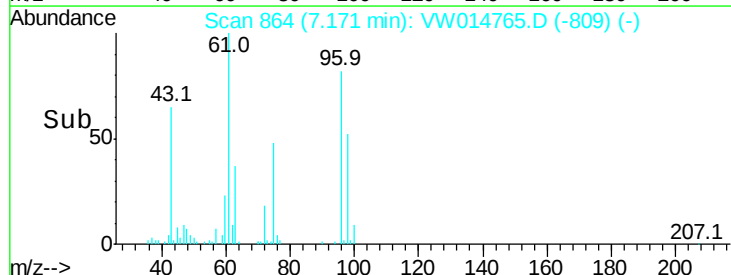
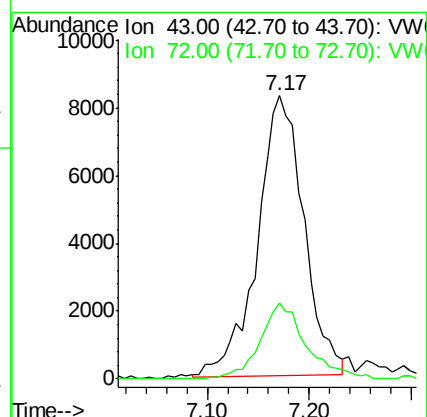
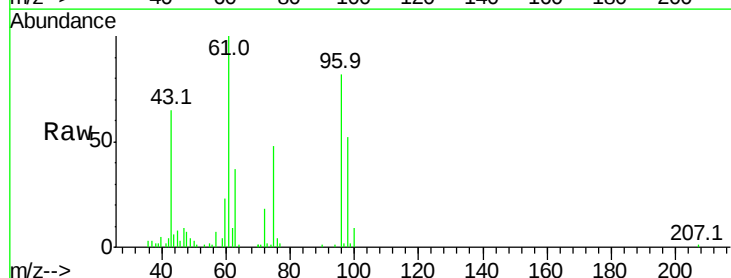
Acq: 27 Jan 2020 13:45

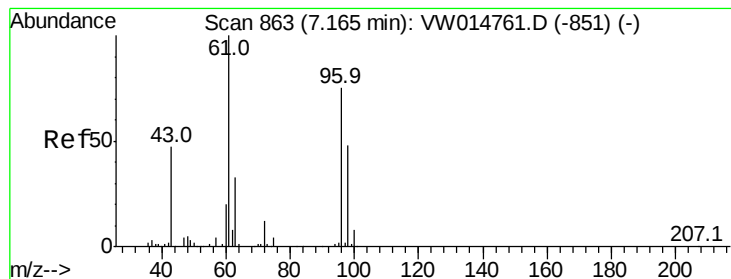
Tgt Ion: 43 Resp: 26195

Ion Ratio Lower Upper

43 100

72 26.6 12.6 37.6





#22

cis-1,2-Dichloroethene

Concen: 2.580 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW014765.D

Acq: 27 Jan 2020 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.503

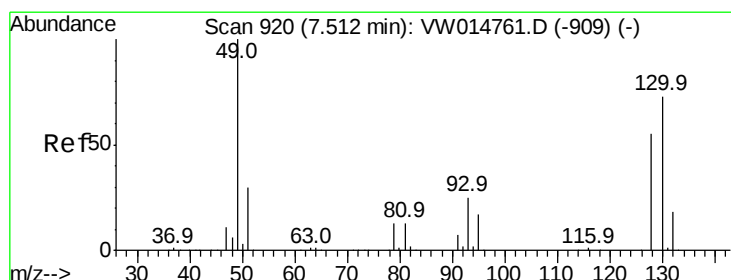
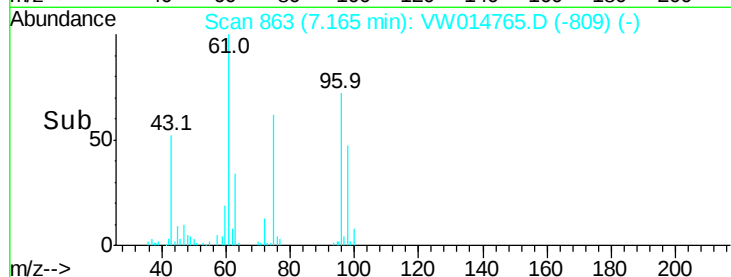
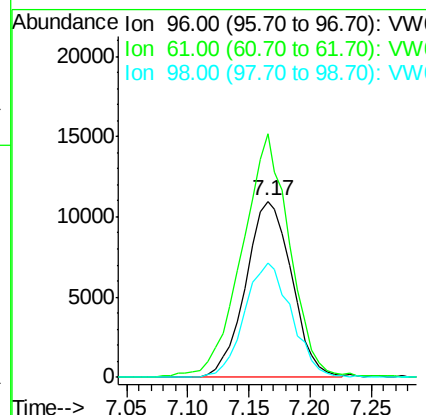
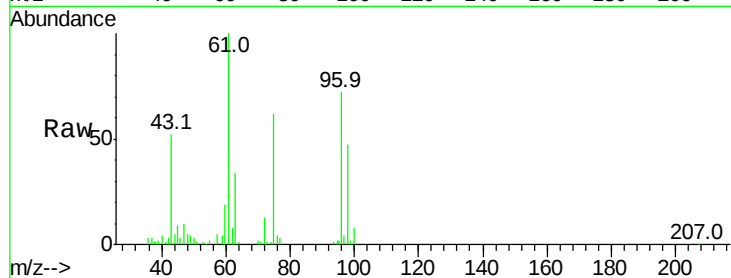
Tgt Ion: 96 Resp: 28754

Ion Ratio Lower Upper

96 100

61 138.5 94.1 174.7

98 65.4 44.9 83.3



#23

Bromochloromethane

Concen: 3.006 ug/L

RT: 7.51 min Scan# 920

Delta R.T. 0.00 min

Lab File: VW014765.D

Acq: 27 Jan 2020 13:45

Tgt Ion: 128 Resp: 14554

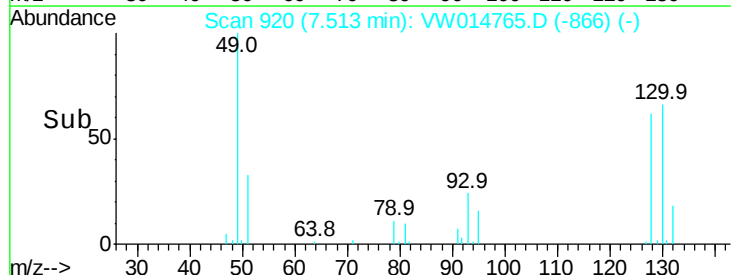
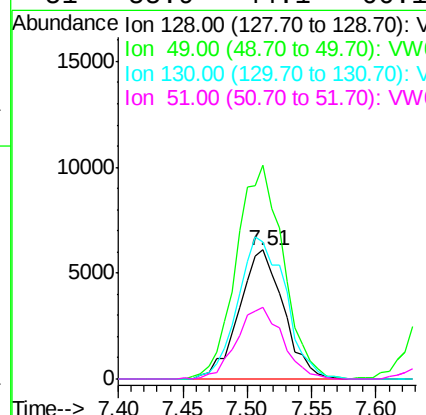
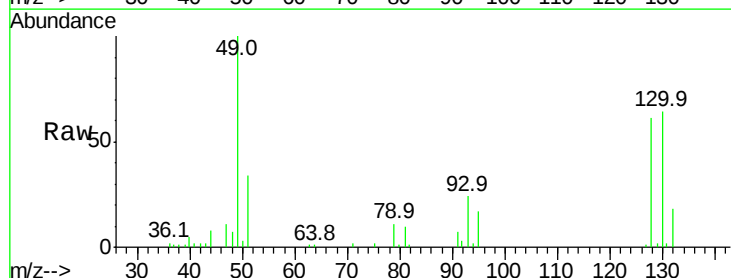
Ion Ratio Lower Upper

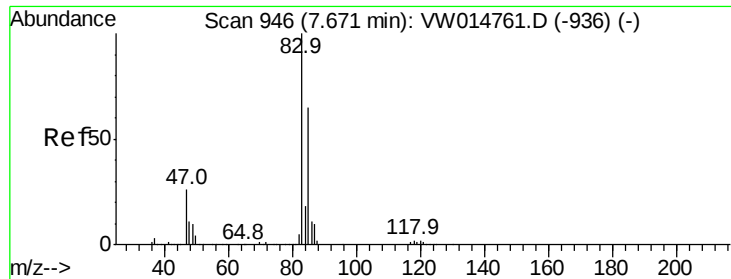
128 100

49 165.3 127.7 237.1

130 106.4 93.4 173.6

51 55.9 44.1 66.1

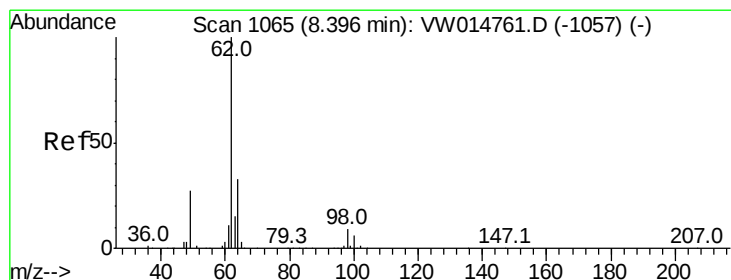
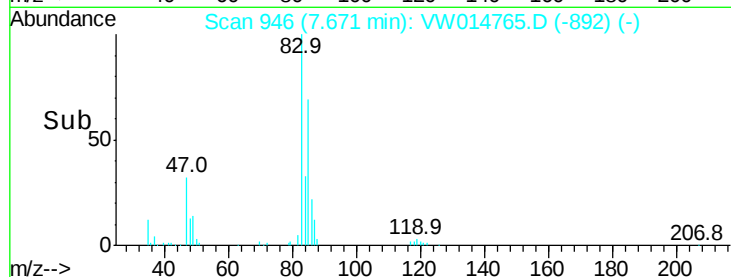
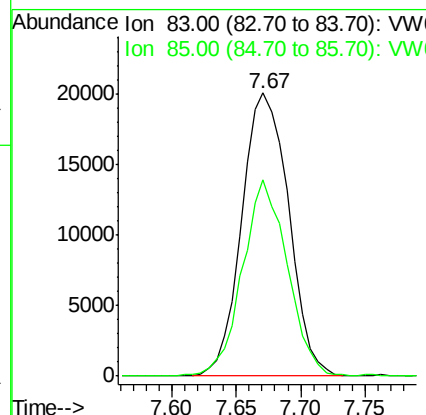
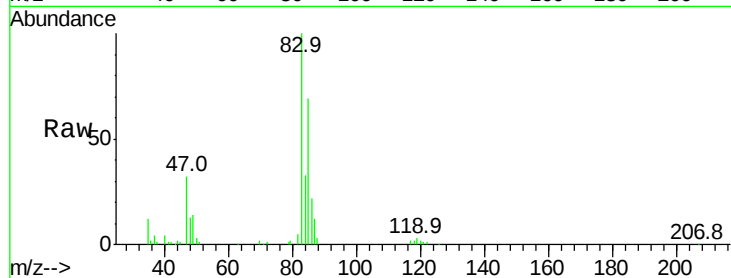




#25
Chloroform
Concen: 2.652 ug/L
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW014765.D
Acq: 27 Jan 2020 13:45

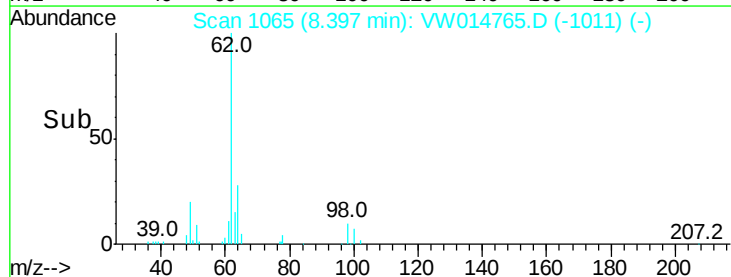
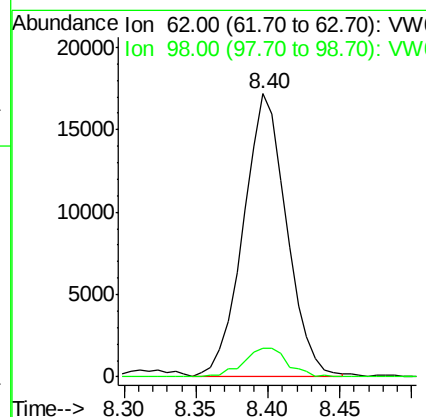
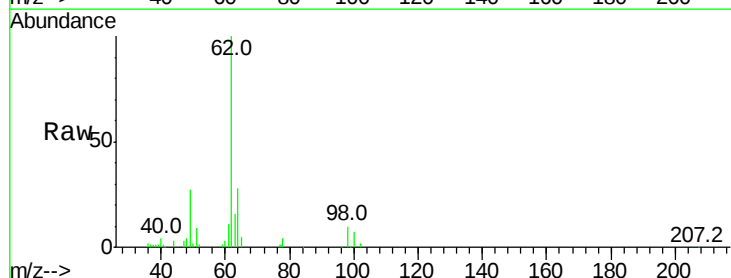
Instrument :
MSVOA_W
ClientSampled :
VSTD2.503

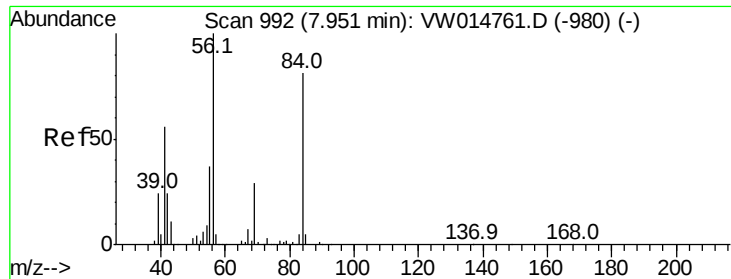
Tgt Ion: 83 Resp: 50745
Ion Ratio Lower Upper
83 100
85 66.3 46.0 85.4



#27
1,2-Dichloroethane
Concen: 2.830 ug/L
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW014765.D
Acq: 27 Jan 2020 13:45

Tgt Ion: 62 Resp: 35856
Ion Ratio Lower Upper
62 100
98 10.3 7.5 11.3

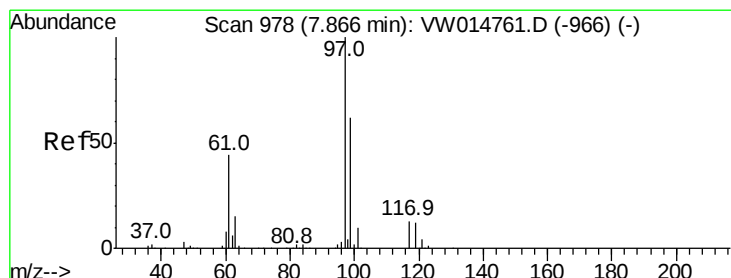
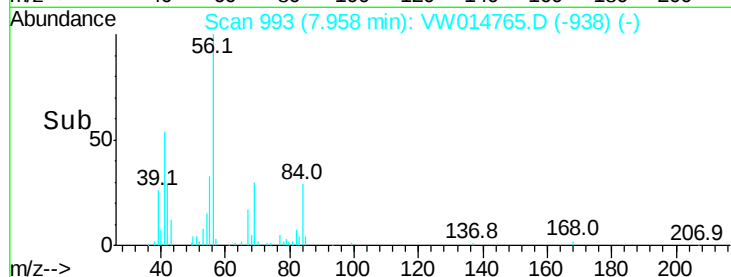
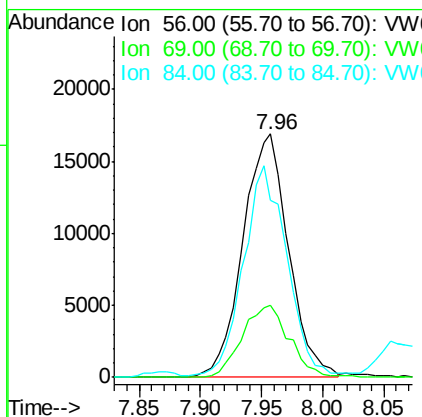
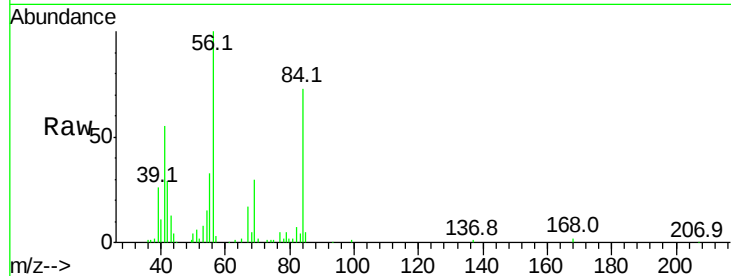




#30
Cyclohexane
Concen: 2.196 ug/L
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW014765.D
Acq: 27 Jan 2020 13:45

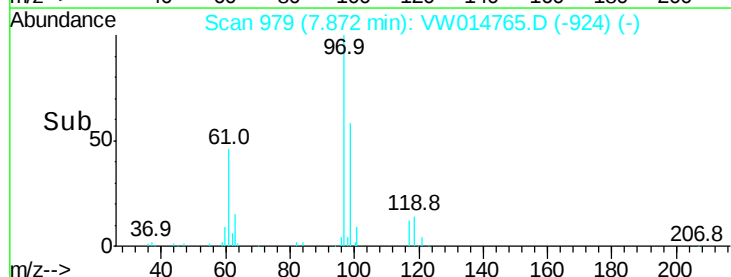
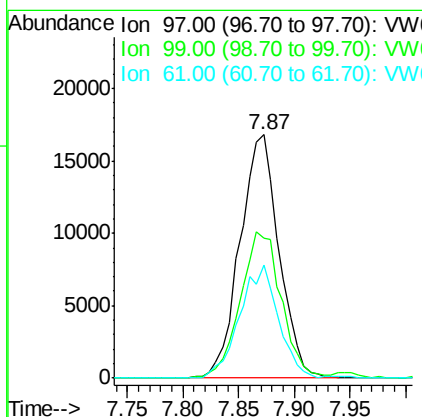
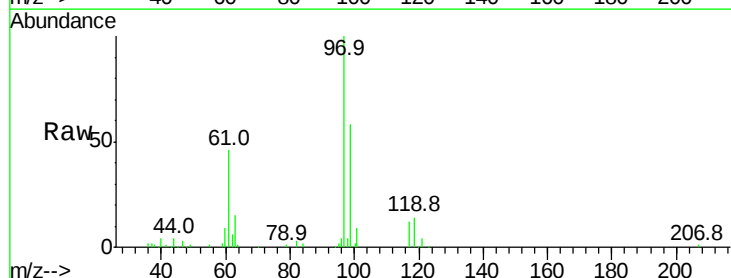
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.503

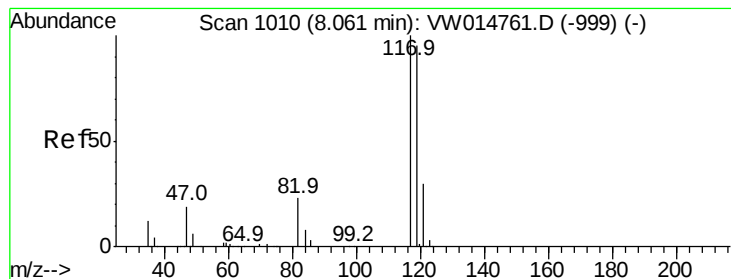
Tgt Ion: 56 Resp: 43801
Ion Ratio Lower Upper
56 100
69 30.5 23.8 35.6
84 83.5 64.8 97.2



#31
1,1,1-Trichloroethane
Concen: 2.553 ug/L
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW014765.D
Acq: 27 Jan 2020 13:45

Tgt Ion: 97 Resp: 40957
Ion Ratio Lower Upper
97 100
99 62.9 50.9 76.3
61 46.1 36.4 54.6





#32

Carbon tetrachloride

Concen: 2.534 ug/L

RT: 8.06 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VW014765.D

Acq: 27 Jan 2020 13:45

Instrument :

MSVOA_W

ClientSampleId :

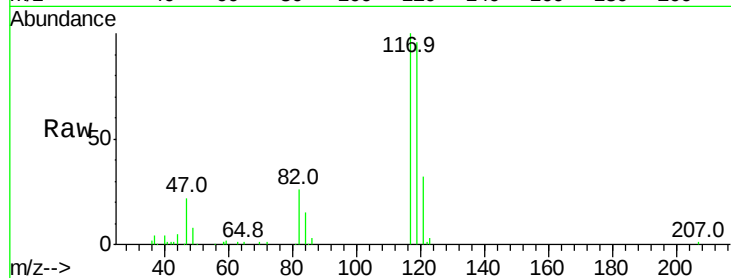
VSTD2.503

Tgt Ion:117 Resp: 38067

Ion Ratio Lower Upper

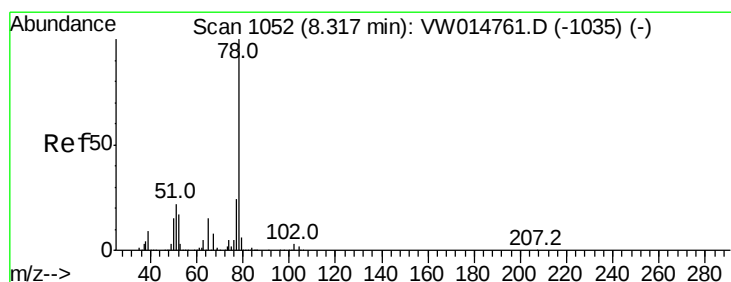
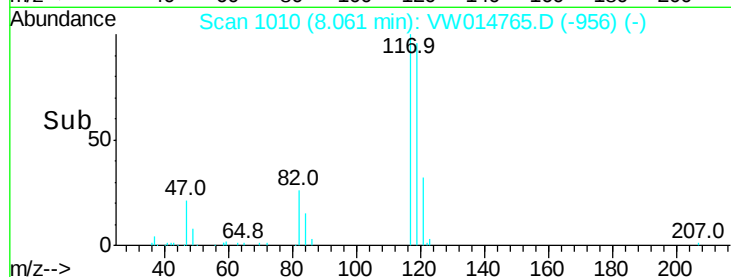
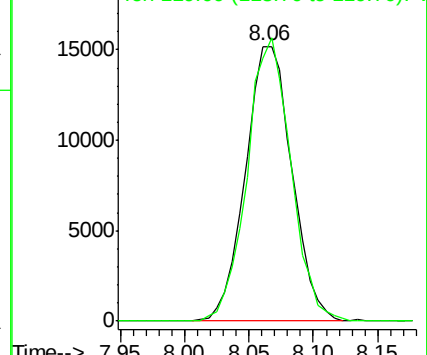
117 100

119 97.0 76.6 115.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 2.519 ug/L

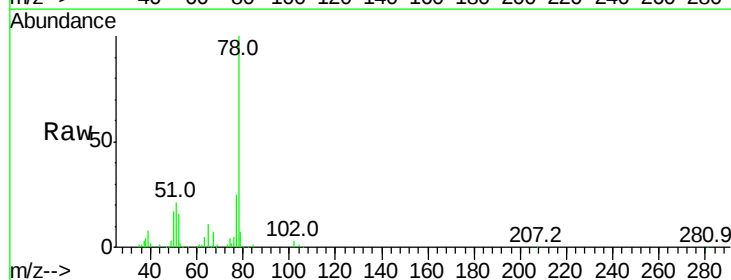
RT: 8.32 min Scan# 1053

Delta R.T. 0.01 min

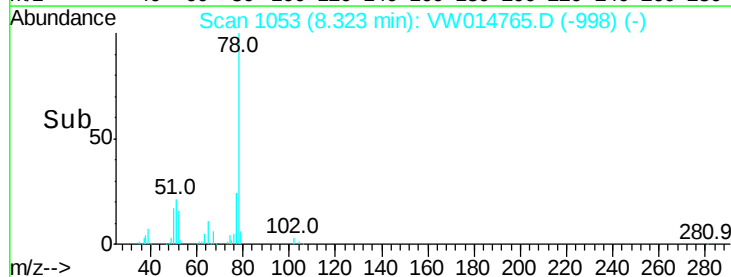
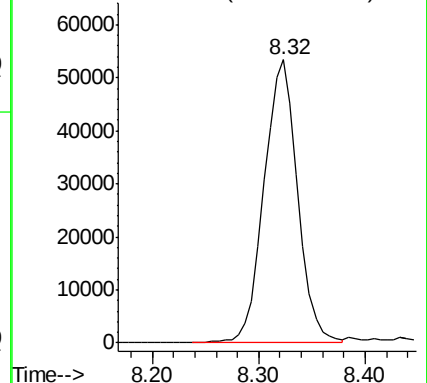
Lab File: VW014765.D

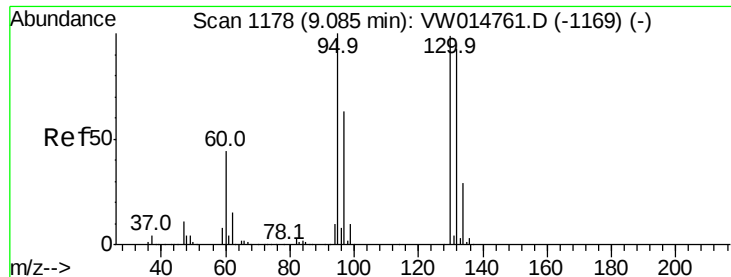
Acq: 27 Jan 2020 13:45

Tgt Ion: 78 Resp: 117812



Abundance Ion 78.00 (77.70 to 78.70): VW





#35

Trichloroethene

Concen: 2.502 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW014765.D

Acq: 27 Jan 2020 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.503

Tgt Ion: 95 Resp: 30332

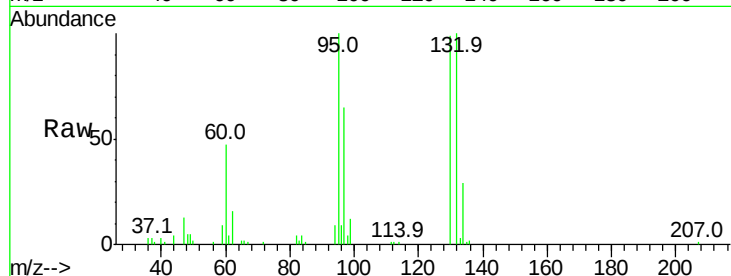
Ion Ratio Lower Upper

95 100

97 62.2 44.3 82.3

132 96.3 67.1 124.7

130 100.9 69.9 129.7



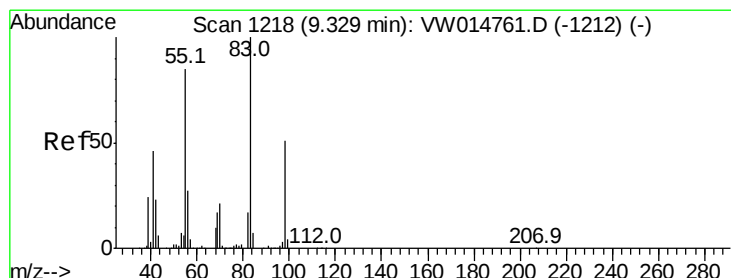
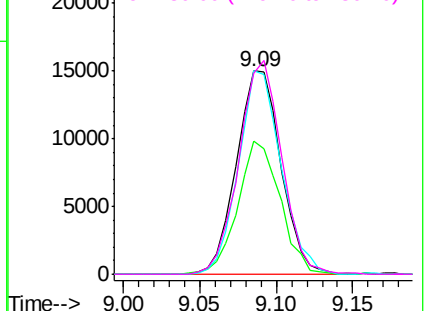
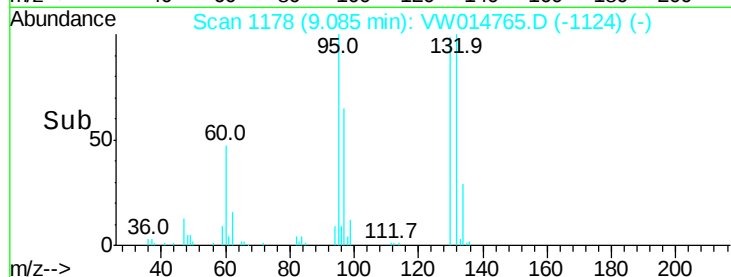
Abundance

Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36

Methylcyclohexane

Concen: 2.310 ug/L

RT: 9.33 min Scan# 1218

Delta R.T. 0.00 min

Lab File: VW014765.D

Acq: 27 Jan 2020 13:45

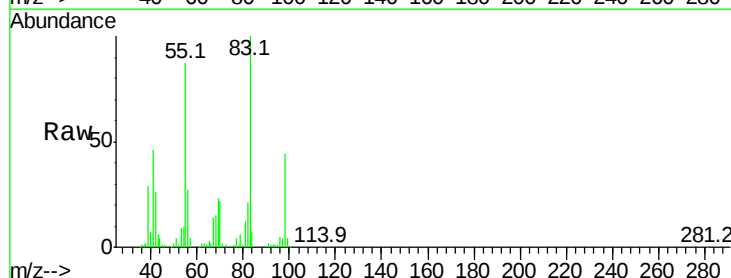
Tgt Ion: 83 Resp: 46780

Ion Ratio Lower Upper

83 100

55 86.0 65.6 98.4

98 46.9 38.0 57.0

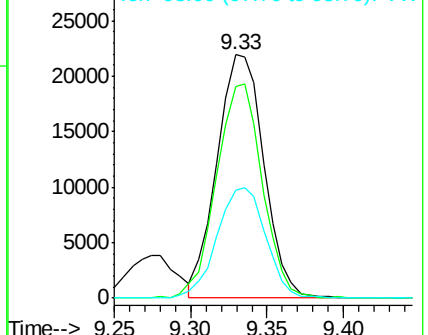
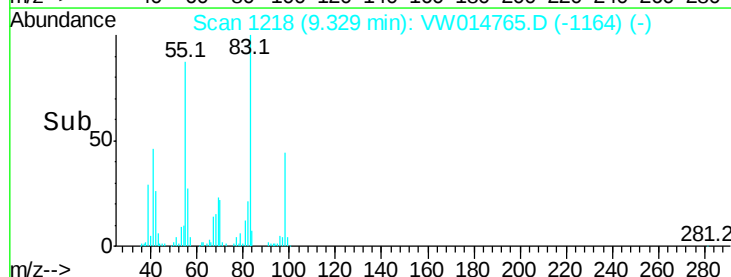


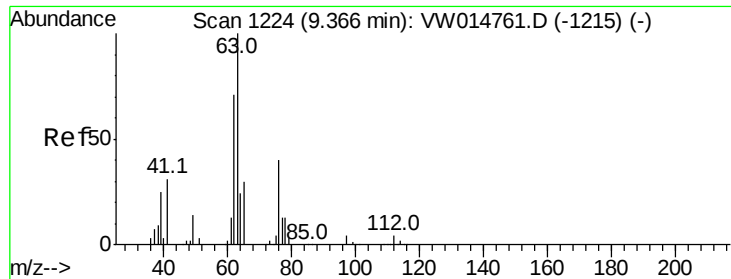
Abundance

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

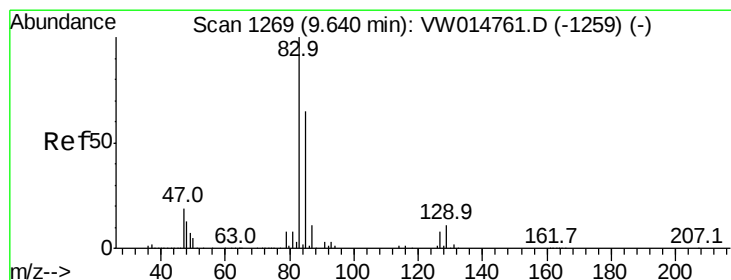
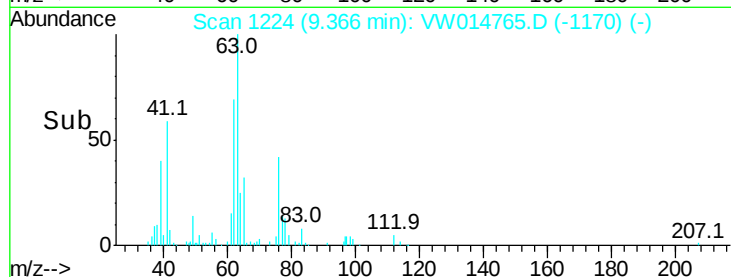
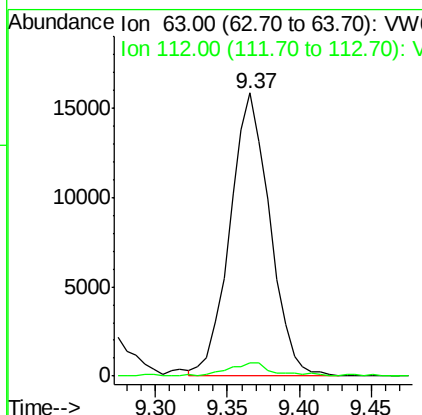
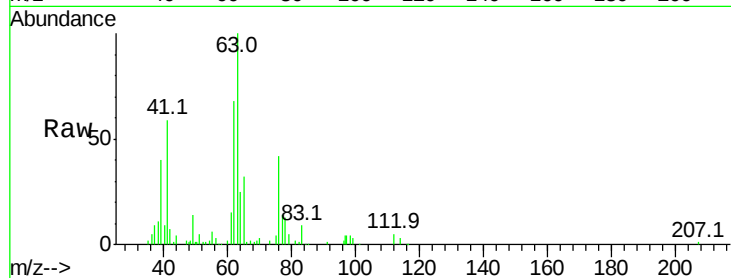




#40
 1,2-Dichloropropane
 Concen: 2.602 ug/L
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW014765.D
 Acq: 27 Jan 2020 13:45

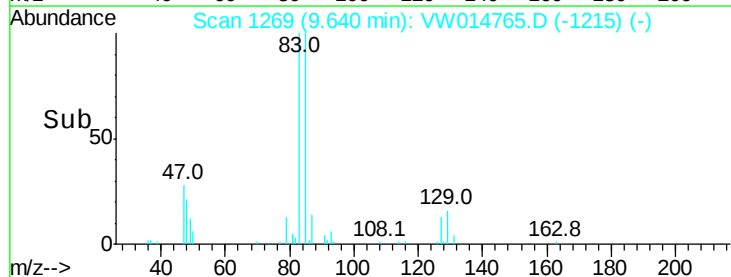
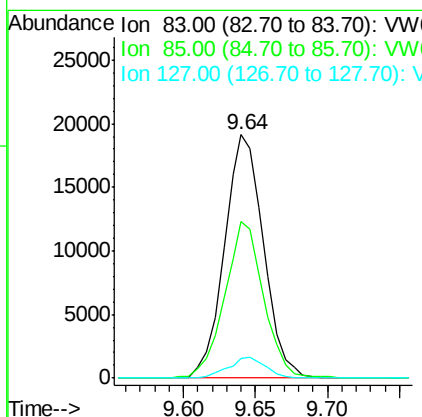
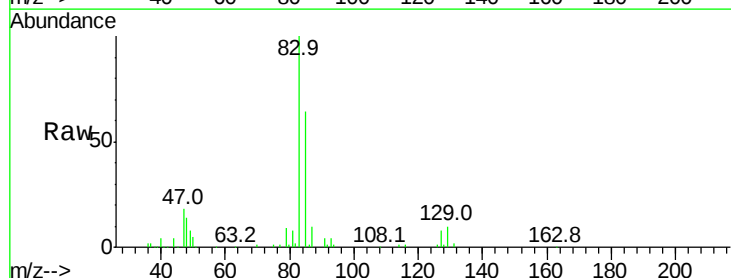
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.503

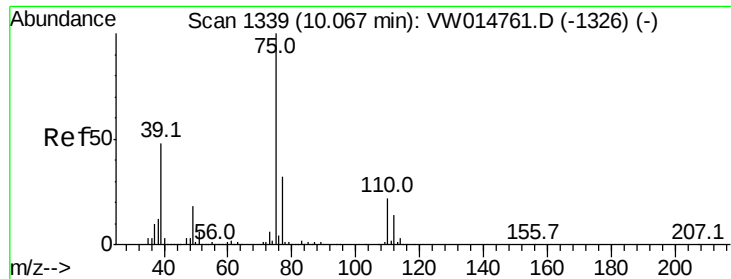
Tgt Ion: 63 Resp: 30537
 Ion Ratio Lower Upper
 63 100
 112 4.7 3.6 5.4



#41
 Bromodichloromethane
 Concen: 2.568 ug/L
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW014765.D
 Acq: 27 Jan 2020 13:45

Tgt Ion: 83 Resp: 36121
 Ion Ratio Lower Upper
 83 100
 85 64.4 45.7 84.9
 127 8.2 6.5 9.7





#42

cis-1,3-Dichloropropene

Concen: 2.292 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. 0.01 min

Lab File: VW014765.D

Acq: 27 Jan 2020 13:45

Instrument :

MSVOA_W

ClientSampleId :

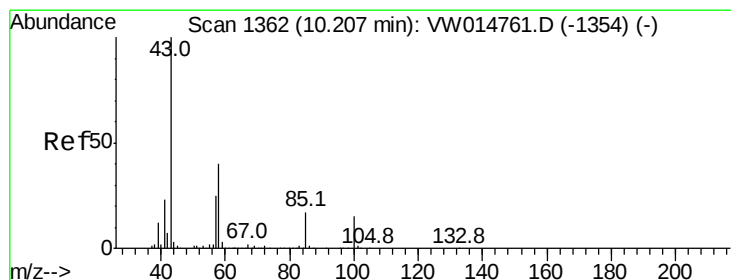
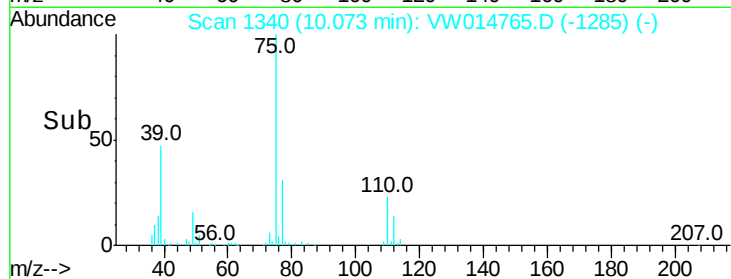
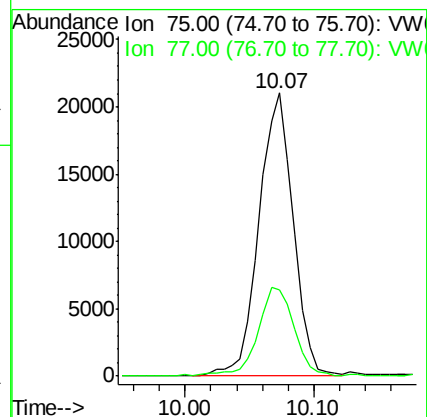
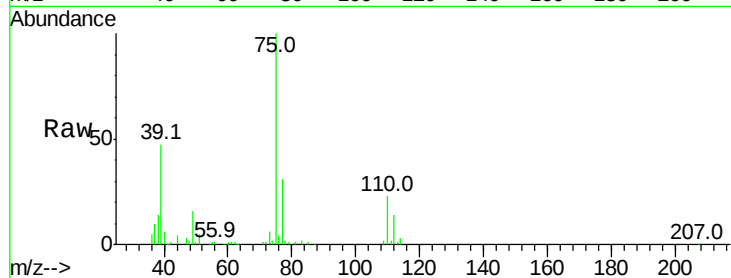
VSTD2.503

Tgt Ion: 75 Resp: 38691

Ion Ratio Lower Upper

75 100

77 30.6 22.3 41.3



#43

4-Methyl-2-pentanone

Concen: 6.562 ug/L

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW014765.D

Acq: 27 Jan 2020 13:45

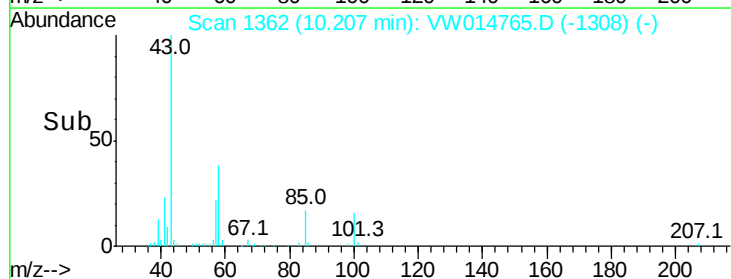
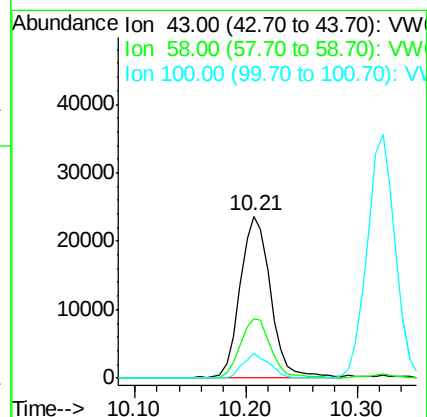
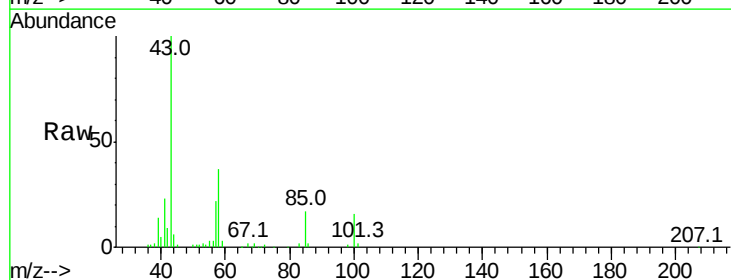
Tgt Ion: 43 Resp: 45041

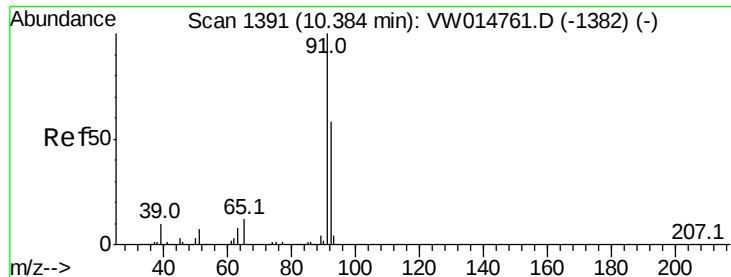
Ion Ratio Lower Upper

43 100

58 35.5 30.9 46.3

100 13.2 11.8 17.6





#44

Toluene

Concen: 2.470 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014765.D

Acq: 27 Jan 2020 13:45

Instrument :

MSVOA_W

ClientSampleId :

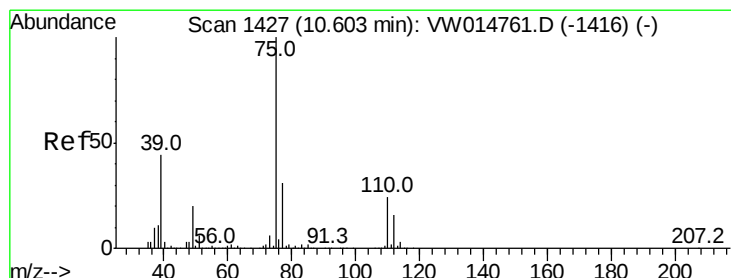
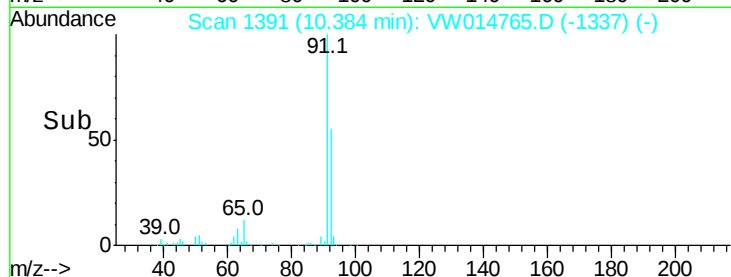
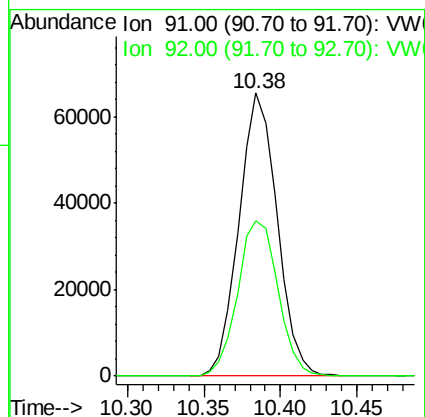
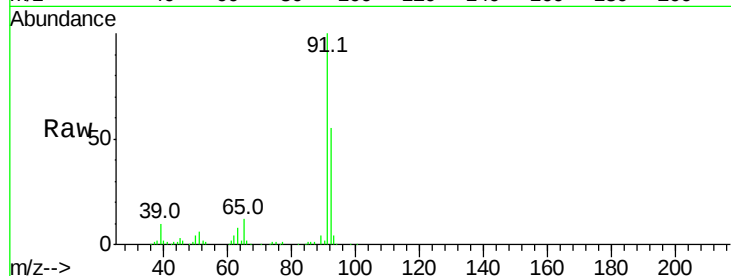
VSTD2.503

Tgt Ion: 91 Resp: 113757

Ion Ratio Lower Upper

91 100

92 54.8 40.7 75.7



#45

trans-1,3-Dichloropropene

Concen: 2.532 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW014765.D

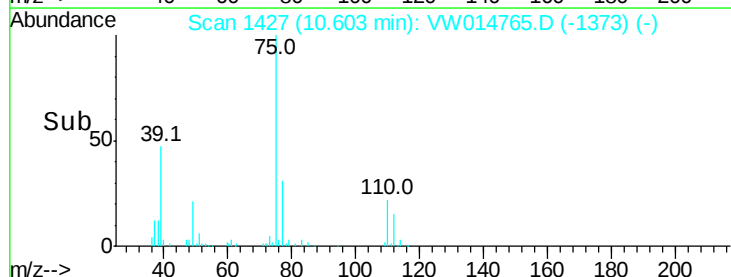
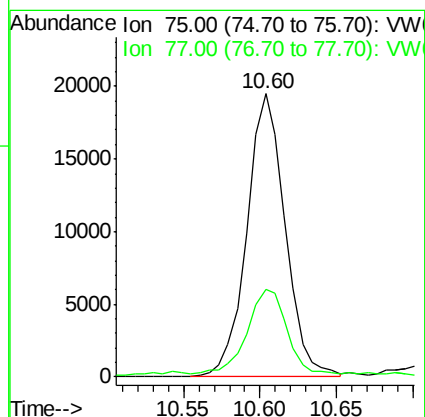
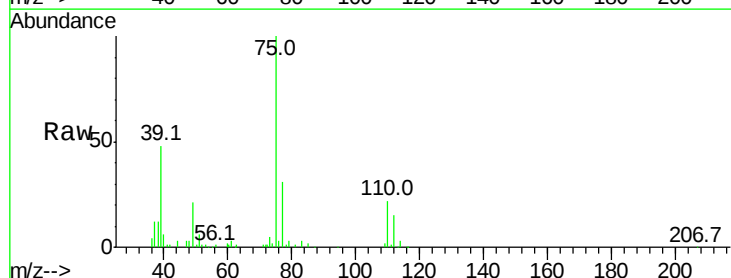
Acq: 27 Jan 2020 13:45

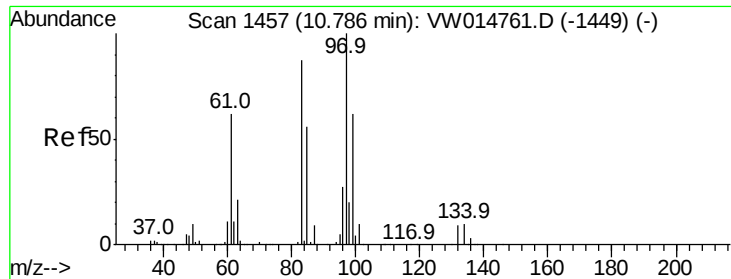
Tgt Ion: 75 Resp: 34005

Ion Ratio Lower Upper

75 100

77 30.9 21.6 40.0





#46

1,1,2-Trichloroethane

Concen: 2.738 ug/L

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW014765.D

Acq: 27 Jan 2020 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.503

Tgt Ion: 97 Resp: 21375

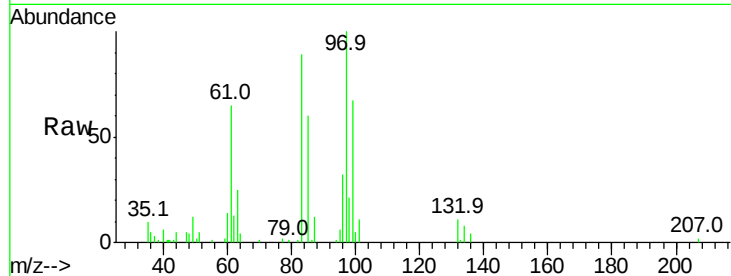
Ion Ratio Lower Upper

97 100

83 88.6 60.9 113.1

85 60.4 39.2 72.8

99 67.3 43.0 80.0

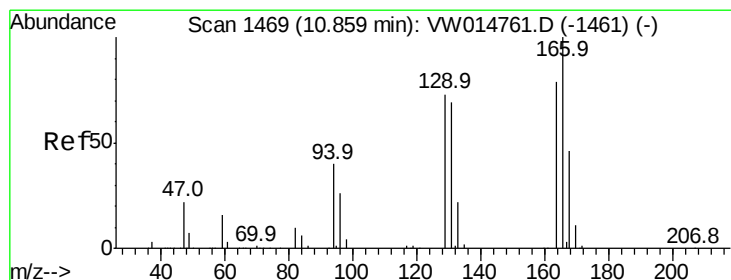
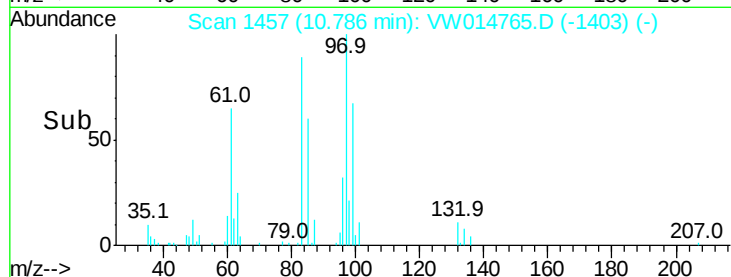
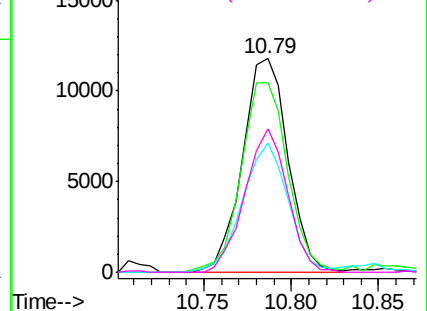


Abundance Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



#47

Tetrachloroethene

Concen: 2.504 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW014765.D

Acq: 27 Jan 2020 13:45

Tgt Ion: 164 Resp: 23344

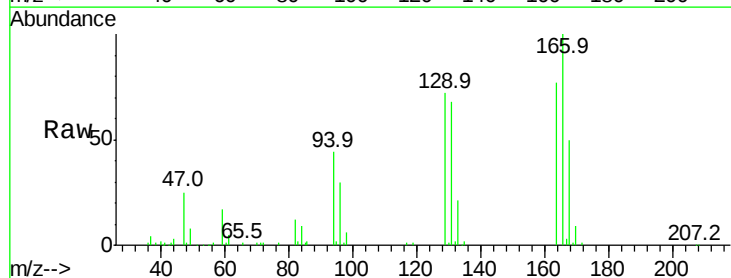
Ion Ratio Lower Upper

164 100

129 92.9 64.4 119.6

131 87.6 61.2 113.6

166 129.4 88.8 165.0

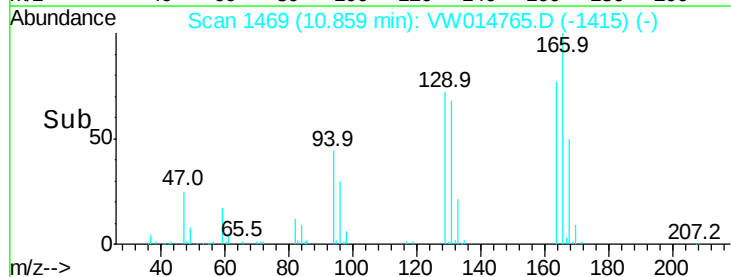
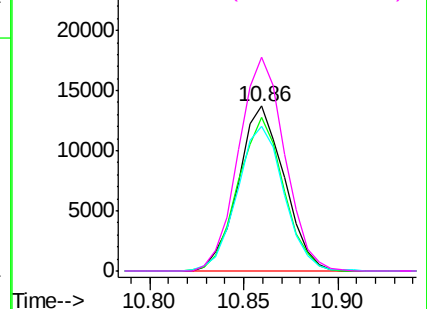


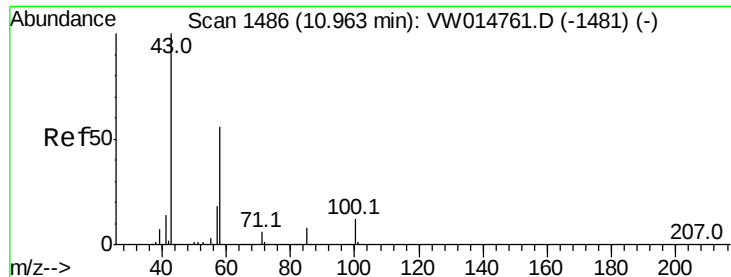
Abundance Ion 164.00 (163.70 to 164.70): V

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

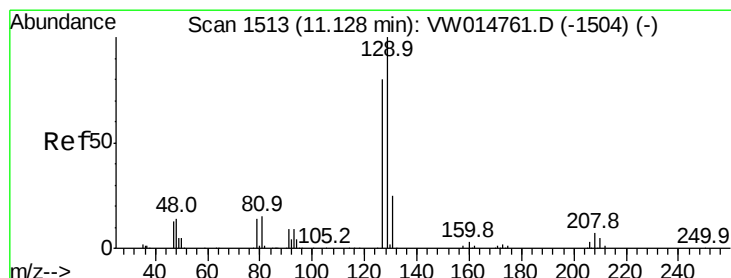
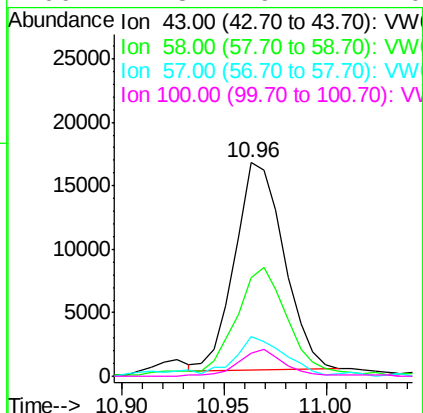
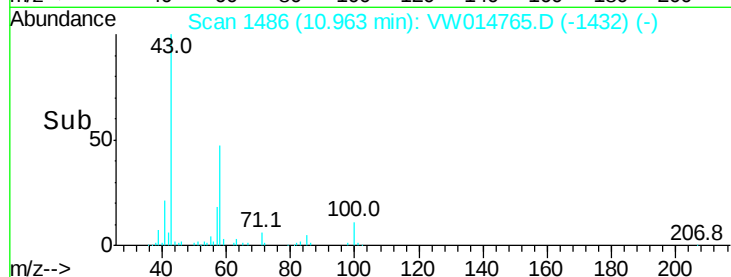
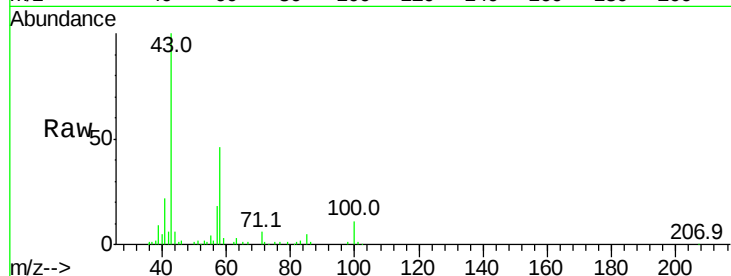




#49
2-Hexanone
Concen: 5.538 ug/L
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW014765.D
Acq: 27 Jan 2020 13:45

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.503

Tgt Ion:	43	Resp:	27423
Ion	Ratio	Lower	Upper
43	100		
58	55.5	43.2	64.8
57	19.0	14.7	22.1
100	11.8	9.4	14.0



#50
Dibromochloromethane
Concen: 2.654 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW014765.D
Acq: 27 Jan 2020 13:45

Tgt Ion:	129	Resp:	23630
Ion	Ratio	Lower	Upper
129	100		
127	72.5	55.7	103.5

