

Data File : VW014762.D
Acq On : 27 Jan 2020 11:59
Operator : SY/VA
Sample : VSTD050
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD05006

Quant Time: Jan 27 12:34:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 27 12:18:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1054239	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	954186	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	459142	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	764170	51.42	ug/L	0.00
7) Chloroethane-d5	2.89	69	723682	66.09	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	1434585	52.77	ug/L	0.00
20) 2-Butanone-d5	7.07	46	430232	121.66	ug/L	0.00
24) Chloroform-d	7.65	84	1397627	57.63	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	722501	57.40	ug/L	0.00
29) Benzene-d6	8.27	84	2904754	57.25	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	905135	59.33	ug/L	0.00
37) Toluene-d8	10.32	98	2641929	57.43	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	363881	57.75	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	346253	132.73	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	655133	57.19	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	859930	56.84	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	581329	61.641	ug/L	98
3) Chloromethane	2.21	50	603432	56.596	ug/L	100
5) Vinyl chloride	2.36	62	964769	63.595	ug/L	98
6) Bromomethane	2.78	94	536486	60.560	ug/L	99
8) Chloroethane	2.92	64	561354	66.172	ug/L	97
9) Trichlorofluoromethane	3.26	101	532943	66.416	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	688985	50.016	ug/L	99
12) 1,1-Dichloroethene	4.04	96	697327	51.695	ug/L	96
13) Acetone	4.11	43	397349	81.153	ug/L	97
14) Carbon disulfide	4.39	76	2247477	53.965	ug/L	99
15) Methyl Acetate	4.67	43	350233	53.009	ug/L	97
16) Methylene chloride	4.92	84	711026	41.361	ug/L	98
17) Methyl tert-butyl Ether	5.42	73	937097	53.972	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	728732	51.284	ug/L	99
19) 1,1-Dichloroethane	6.21	63	1336899	52.047	ug/L	98
21) 2-Butanone	7.17	43	502193	95.597	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	775901	51.875	ug/L	99
23) Bromochloromethane	7.51	128	320441	49.489	ug/L	94
25) Chloroform	7.67	83	1252975	50.999	ug/L	100
27) 1,2-Dichloroethane	8.40	62	805906	50.530	ug/L	99
30) Cyclohexane	7.95	56	1340899	54.937	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	997621	50.968	ug/L	99
32) Carbon tetrachloride	8.07	117	934747	51.257	ug/L	100
34) Benzene	8.32	78	2932013	51.061	ug/L	100
35) Trichloroethene	9.09	95	751360	50.700	ug/L	99
36) Methylcyclohexane	9.33	83	1344995	51.732	ug/L	99
40) 1,2-Dichloropropane	9.37	63	743947	51.188	ug/L	100
41) Bromodichloromethane	9.64	83	897335	51.329	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	1166866	53.747	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	949155	101.732	ug/L	99

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Quant Title : VOC Analysis
QLast Update : Mon Jan 27 12:18:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	3069258	51.148	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	920435	53.022	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	499164	48.489	ug/L	99
47) Tetrachloroethene	10.86	164	598242	48.076	ug/L	99
49) 2-Hexanone	10.96	43	712658	111.858	ug/L	99
50) Dibromochloromethane	11.13	129	588581	50.353	ug/L	99
51) 1,2-Dibromoethane	11.23	107	476948	49.081	ug/L	97
52) Chlorobenzene	11.65	112	1868005	49.245	ug/L	100
53) Ethylbenzene	11.73	91	3407593	51.648	ug/L	99
54) m,p-Xylene	11.84	106	1285991	51.507	ug/L	93
55) o-xylene	12.16	106	1218375	51.663	ug/L	100
56) Styrene	12.18	104	2071861	52.197	ug/L	99
57) Isopropylbenzene	12.46	105	3234335	51.558	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	607671	48.617	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	449347	47.990	ug/L	100
62) Bromoform	12.35	173	334672	48.779	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	1431906	49.260	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	1418638	48.400	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	1300125	49.892	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	95202	49.335	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	1073099	49.834	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	862656	53.442	ug/L	98
69) Naphthalene	15.36	128	1613878	57.912	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	763309	52.183	ug/L	99

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

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ALS Vial      : 1      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VSTD05006

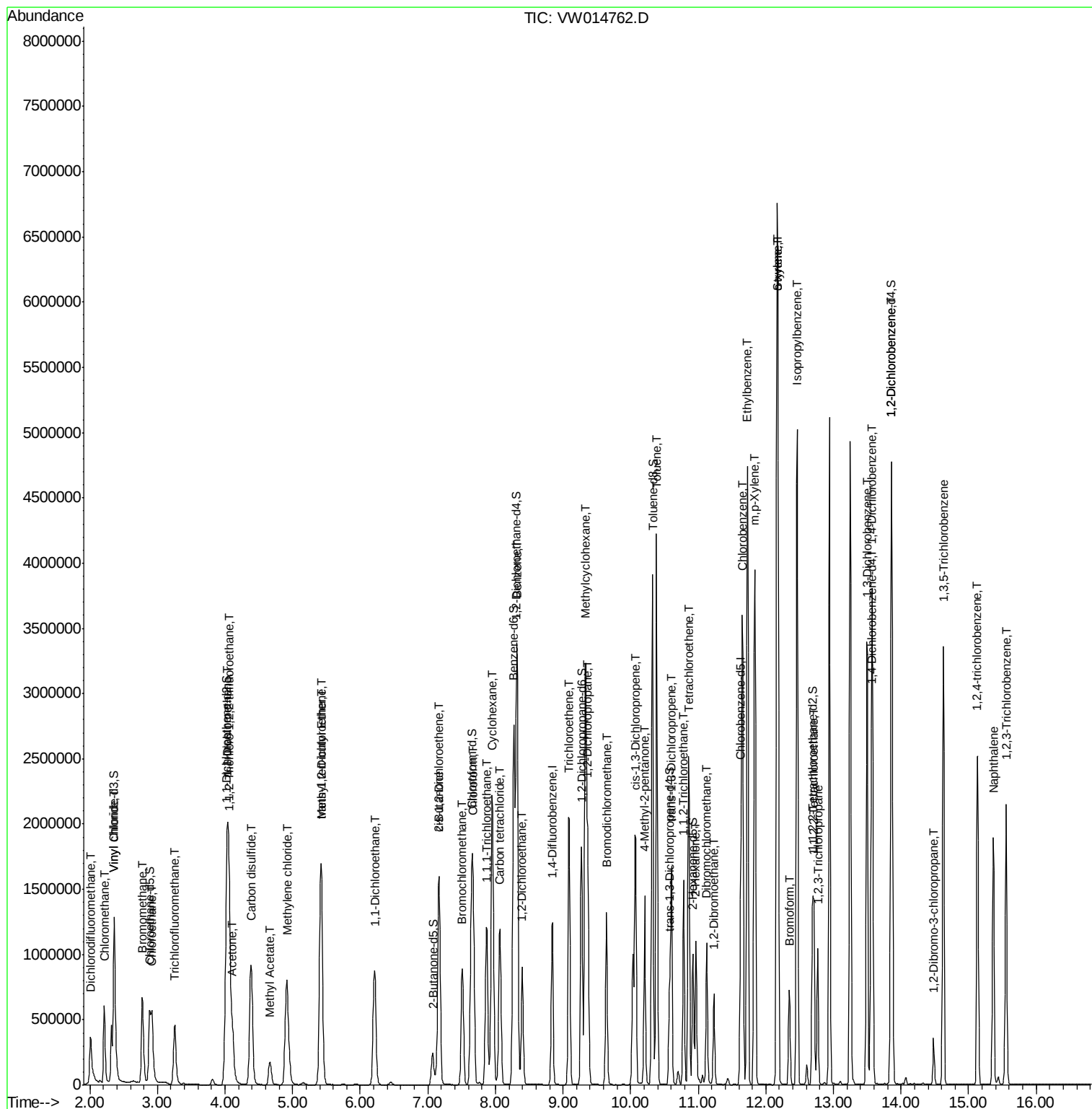
Quant Time: Jan 27 12:34:13 2020

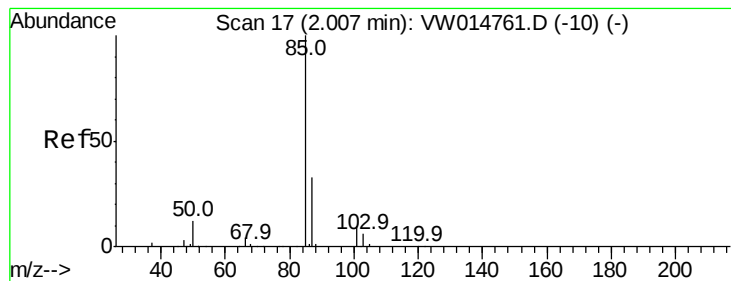
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M

Quant Title : VOC Analysis

QLast Update : Mon Jan 27 12:18:54 2020

Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 61.641 ug/L

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

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Acq: 27 Jan 2020 11:59

Instrument :

MSVOA_W

ClientSampleId :

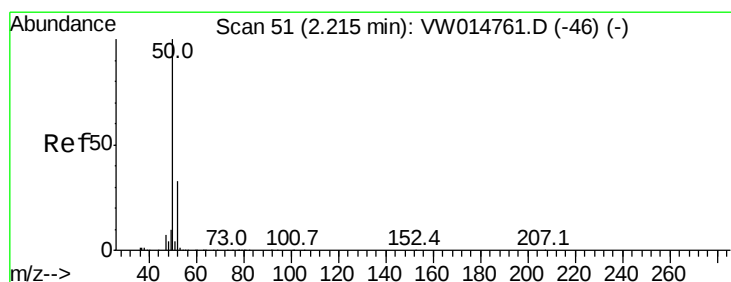
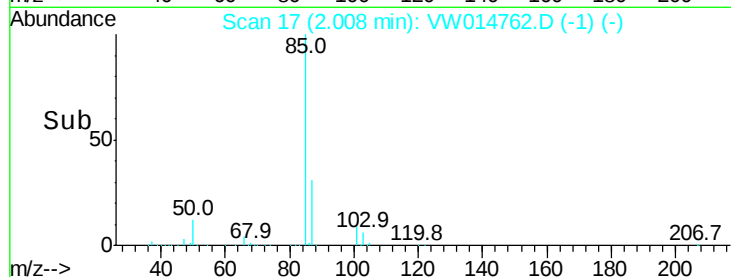
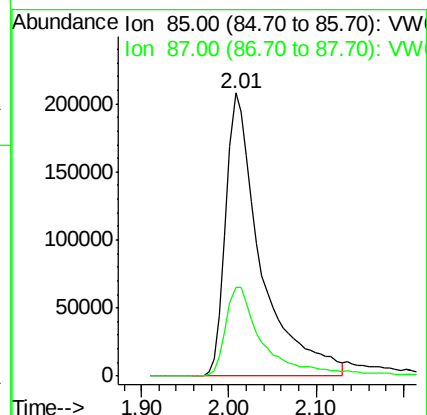
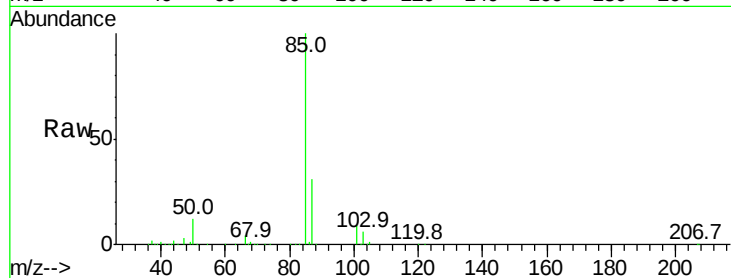
VSTD05006

Tgt Ion: 85 Resp: 581329

Ion Ratio Lower Upper

85 100

87 32.5 22.0 40.8



#3

Chloromethane

Concen: 56.596 ug/L

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW014762.D

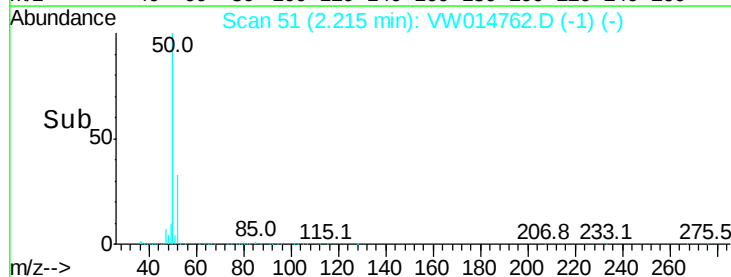
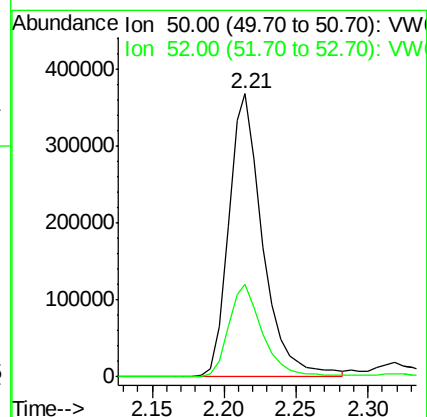
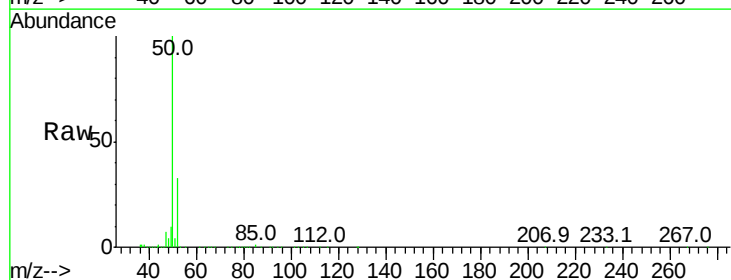
Acq: 27 Jan 2020 11:59

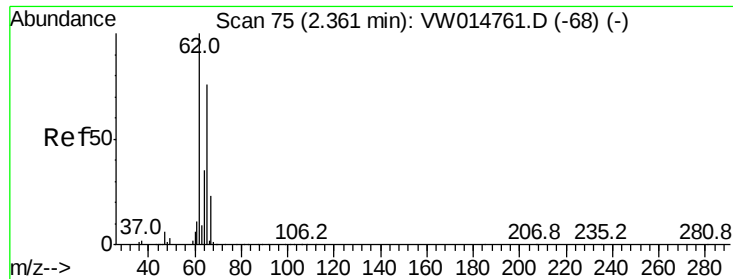
Tgt Ion: 50 Resp: 603432

Ion Ratio Lower Upper

50 100

52 32.7 22.9 42.5





#5

Vinyl chloride

Concen: 63.595 ug/L

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW014762.D

Acq: 27 Jan 2020 11:59

Instrument :

MSVOA_W

ClientSampleId :

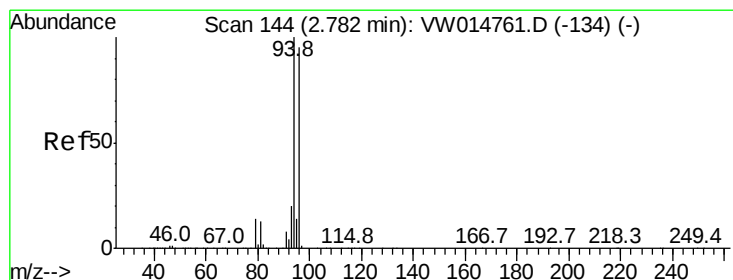
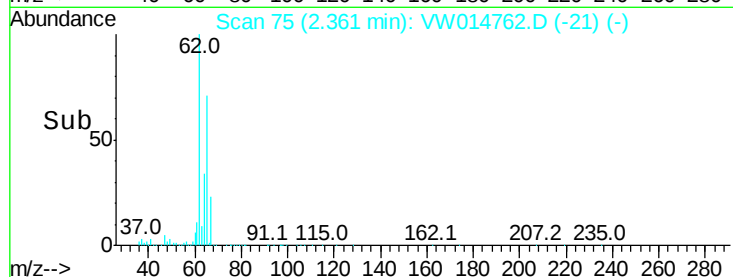
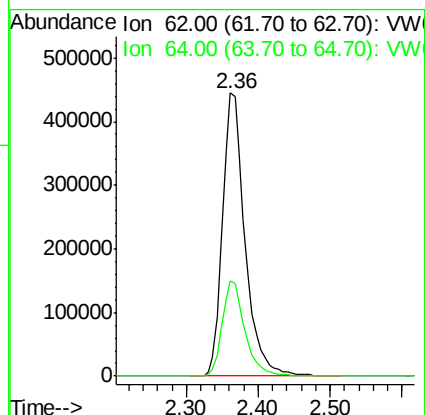
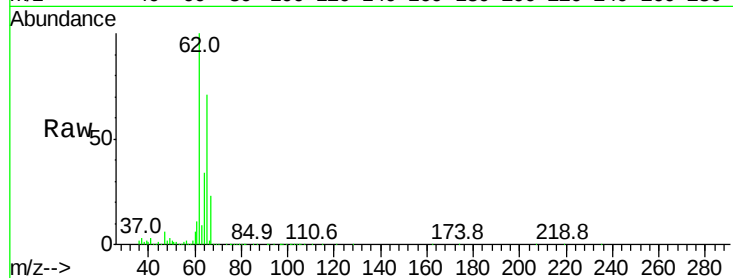
VSTD05006

Tgt Ion: 62 Resp: 964769

Ion Ratio Lower Upper

62 100

64 33.7 24.3 45.1



#6

Bromomethane

Concen: 60.560 ug/L

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW014762.D

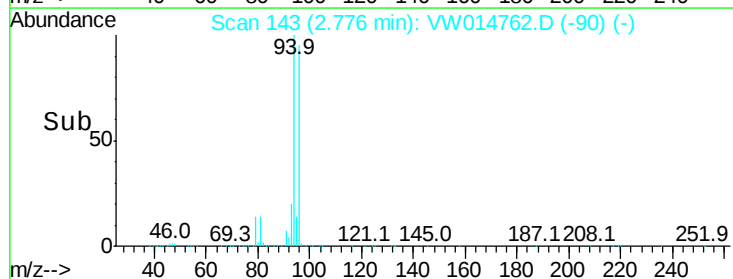
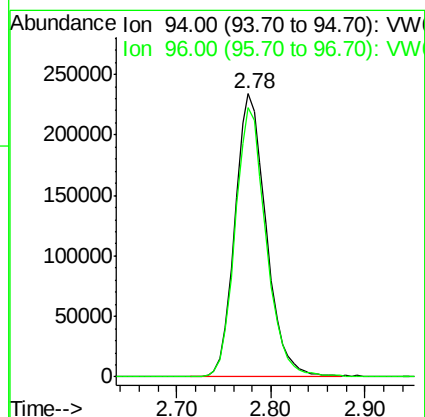
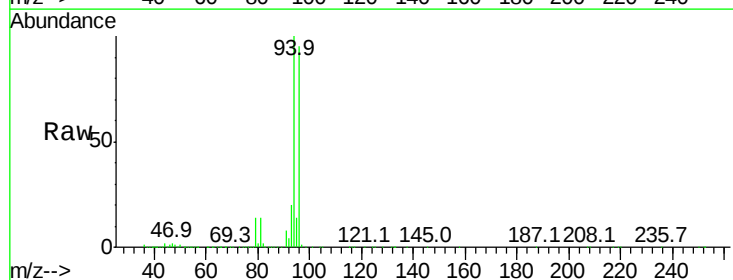
Acq: 27 Jan 2020 11:59

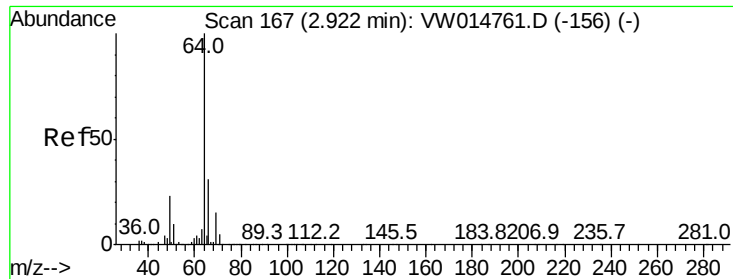
Tgt Ion: 94 Resp: 536486

Ion Ratio Lower Upper

94 100

96 94.2 9.3 177.7





#8

Chloroethane

Concen: 66.172 ug/L

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW014762.D

Acq: 27 Jan 2020 11:59

Instrument :

MSVOA_W

ClientSampled :

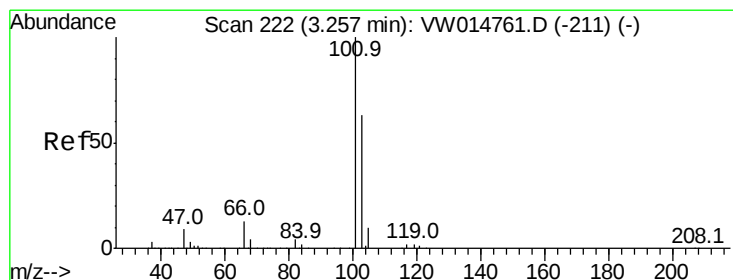
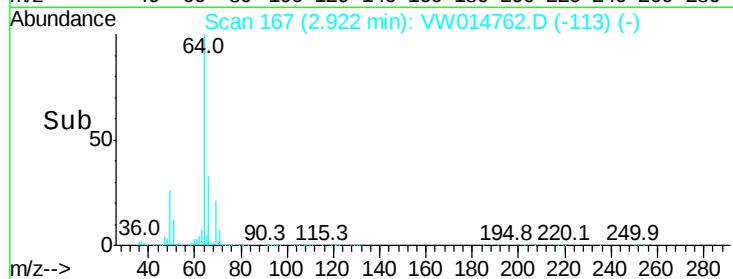
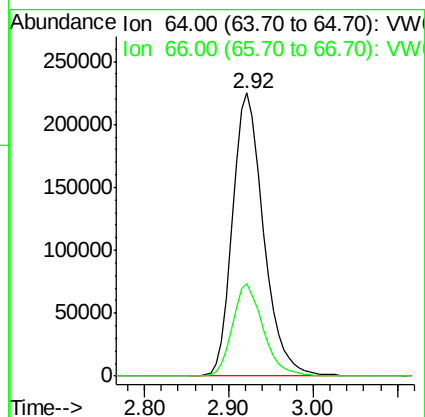
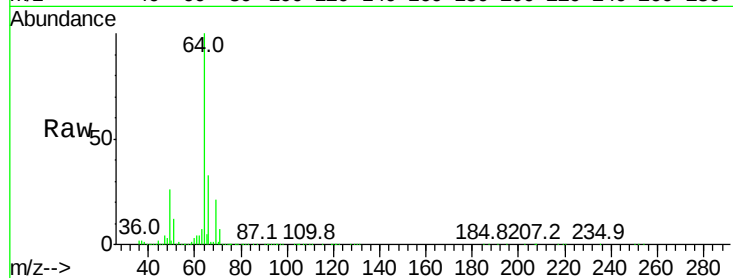
VSTD05006

Tgt Ion: 64 Resp: 561354

Ion Ratio Lower Upper

64 100

66 32.6 21.8 40.4



#9

Trichlorofluoromethane

Concen: 66.416 ug/L

RT: 3.26 min Scan# 222

Delta R.T. 0.00 min

Lab File: VW014762.D

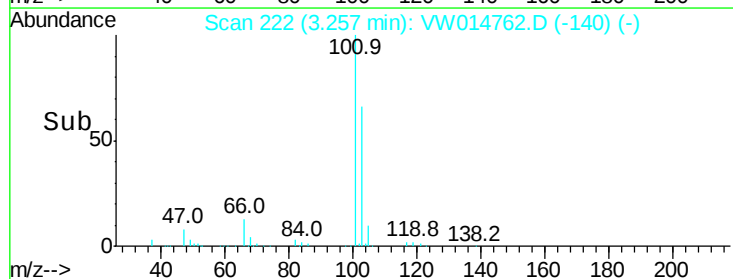
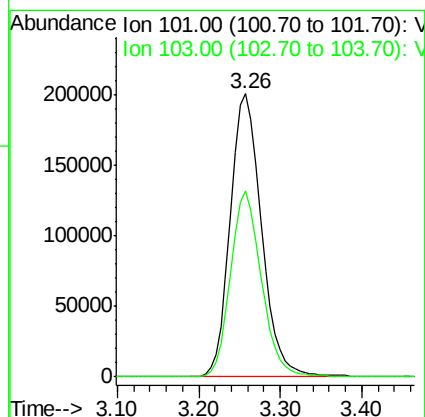
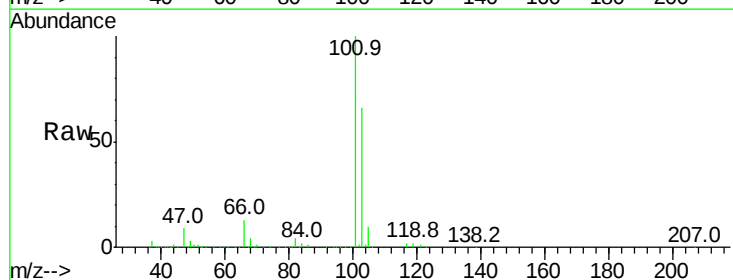
Acq: 27 Jan 2020 11:59

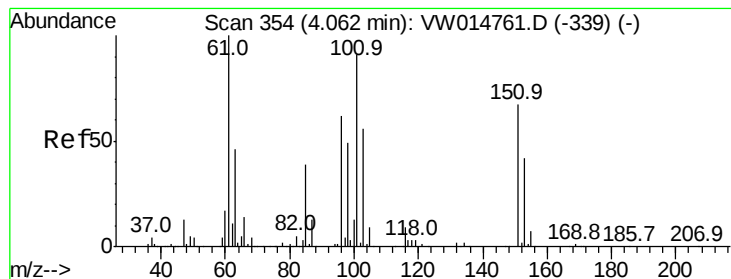
Tgt Ion: 101 Resp: 532943

Ion Ratio Lower Upper

101 100

103 64.8 45.1 83.9





#11

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

Concen: 50.016 ug/L

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW014762.D

Acq: 27 Jan 2020 11:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD05006

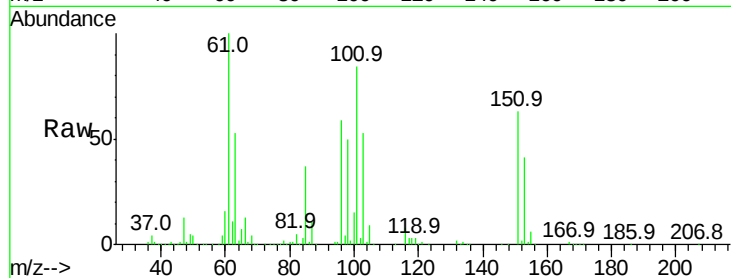
Tgt Ion: 101 Resp: 688985

Ion Ratio Lower Upper

101 100

85 42.3 33.8 50.6

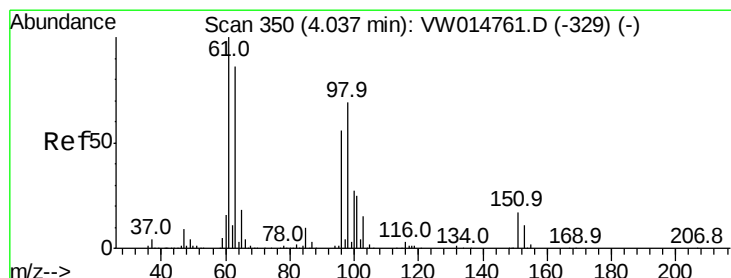
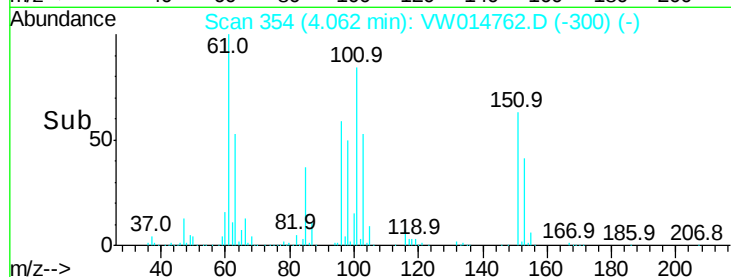
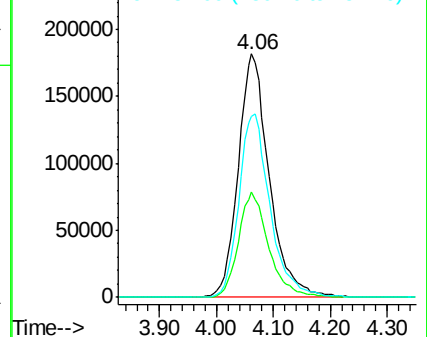
151 75.7 59.7 89.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 51.695 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW014762.D

Acq: 27 Jan 2020 11:59

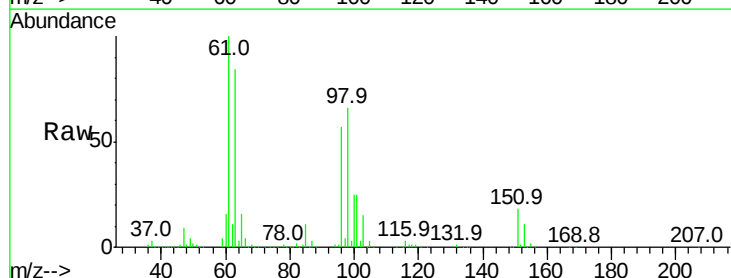
Tgt Ion: 96 Resp: 697327

Ion Ratio Lower Upper

96 100

61 174.0 124.3 230.9

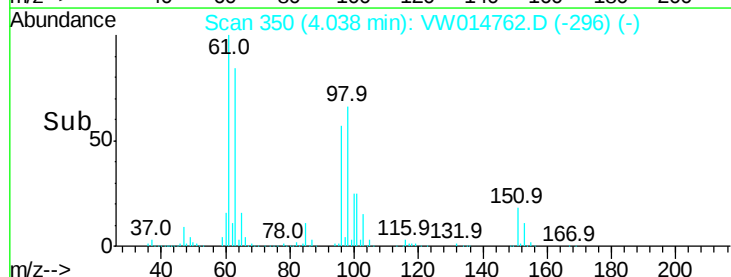
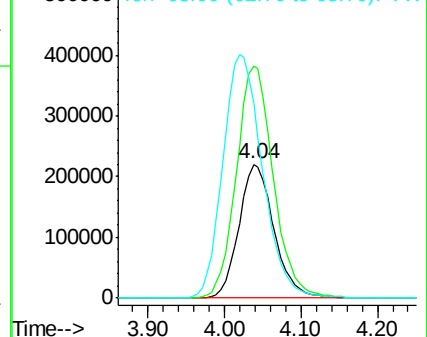
63 145.9 107.0 198.6

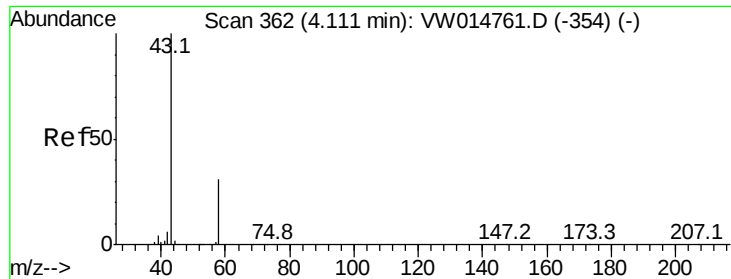


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 81.153 ug/L

RT: 4.11 min Scan# 362

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

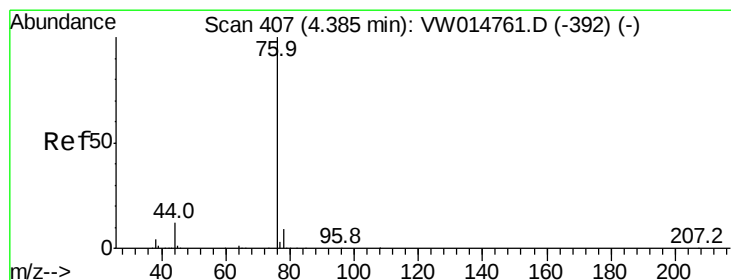
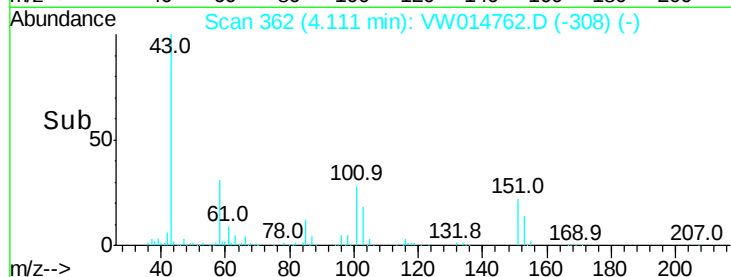
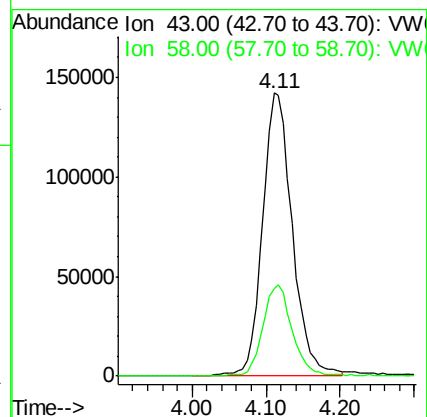
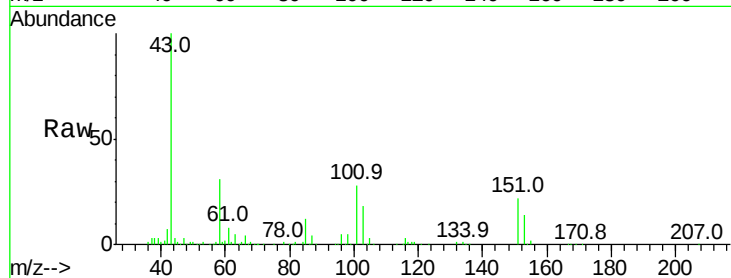
VSTD05006

Tgt Ion: 43 Resp: 397349

Ion Ratio Lower Upper

43 100

58 30.6 0.0 64.6



#14

Carbon disulfide

Concen: 53.965 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW014762.D

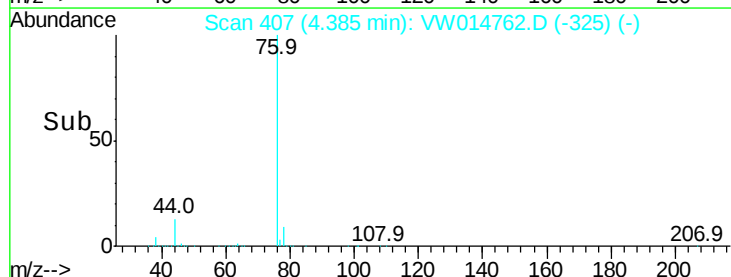
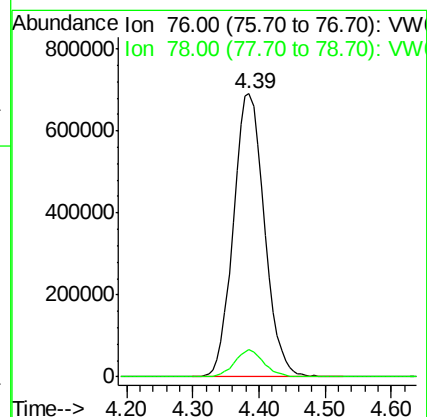
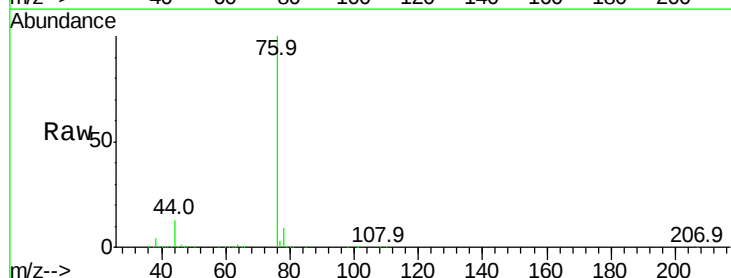
Acq: 27 Jan 2020 11:59

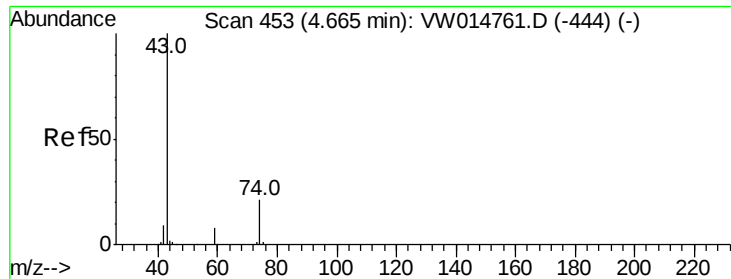
Tgt Ion: 76 Resp: 2247477

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9

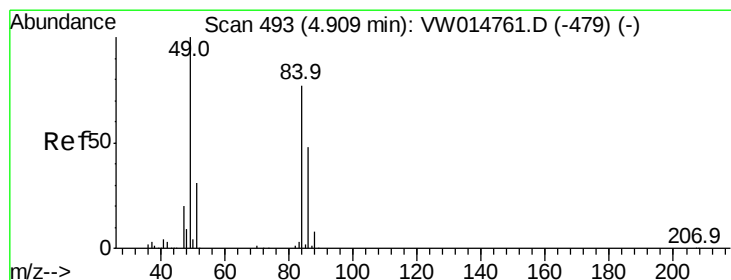
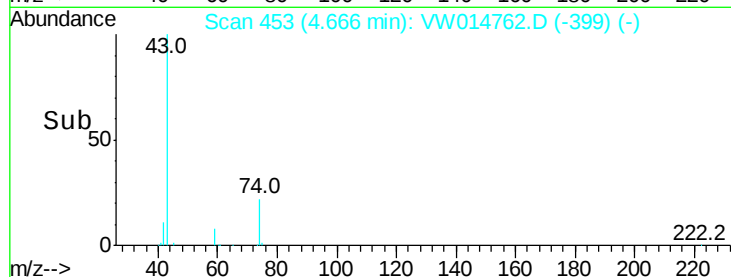
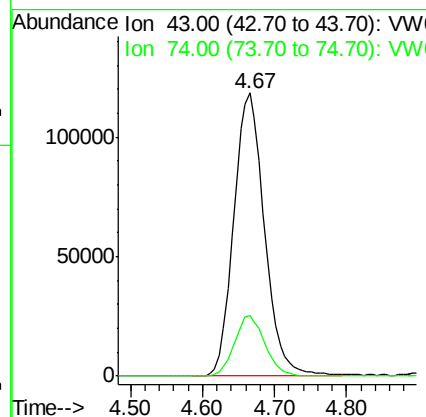
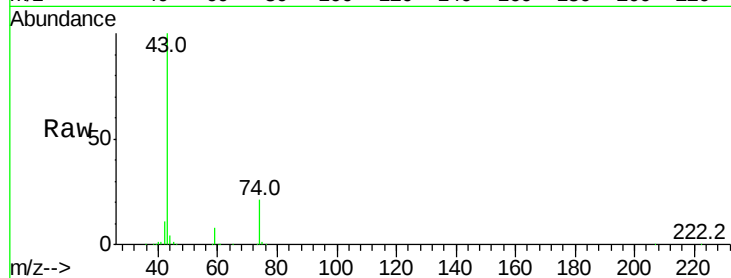




#15
Methyl Acetate
Concen: 53.009 ug/L
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW014762.D
Acq: 27 Jan 2020 11:59

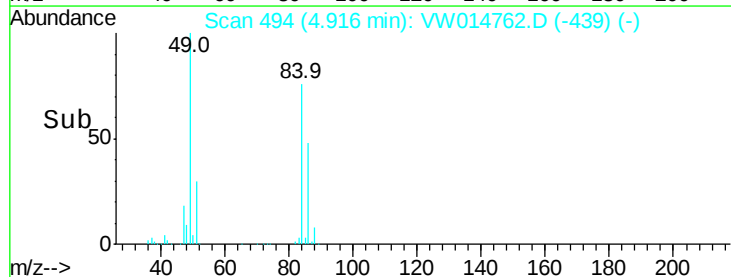
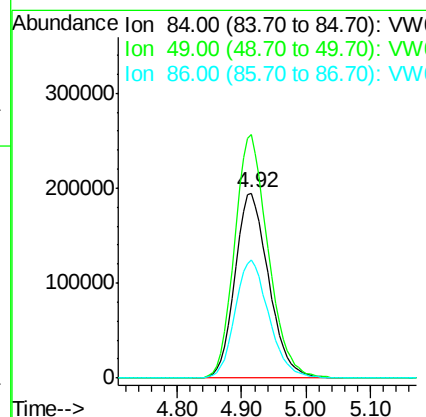
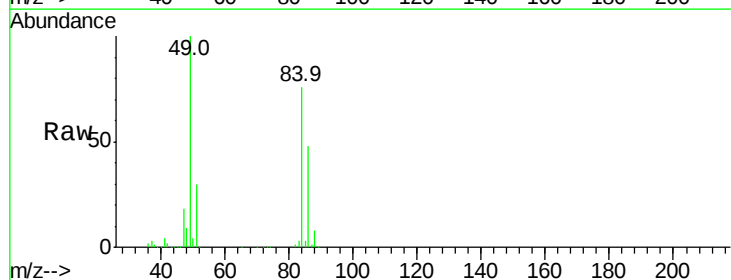
Instrument :
MSVOA_W
ClientSampled :
VSTD05006

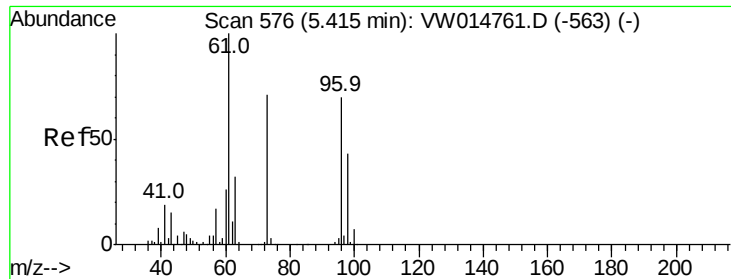
Tgt Ion: 43 Resp: 350233
Ion Ratio Lower Upper
43 100
74 21.3 18.0 27.0



#16
Methylene chloride
Concen: 41.361 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014762.D
Acq: 27 Jan 2020 11:59

Tgt Ion: 84 Resp: 711026
Ion Ratio Lower Upper
84 100
49 131.6 90.9 168.7
86 63.7 43.5 80.7

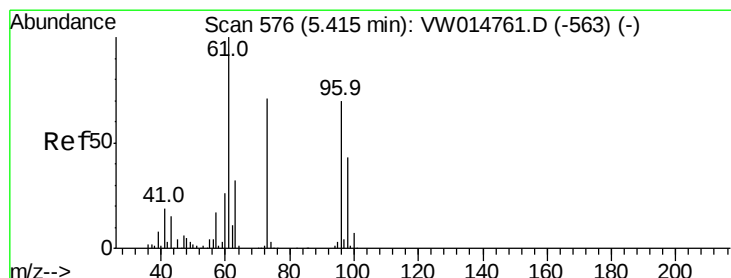
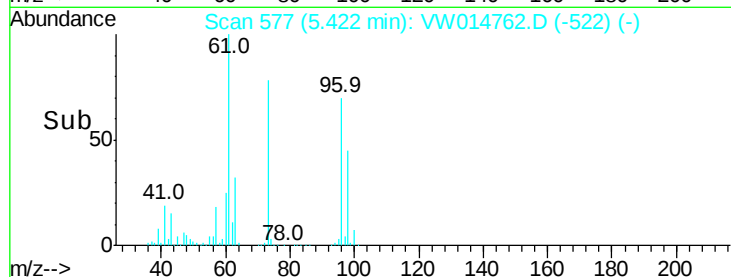
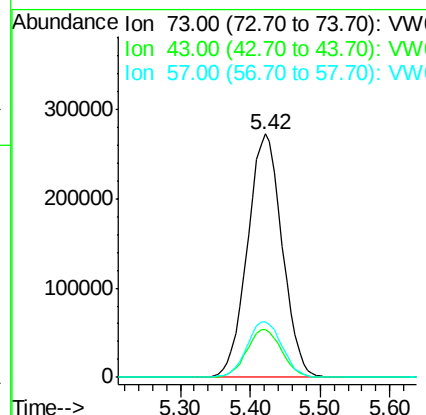
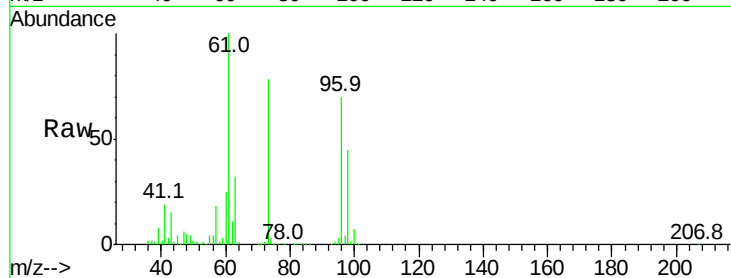




#17
Methyl tert-butyl Ether
Concen: 53.972 ug/L
RT: 5.42 min Scan# 577
Delta R.T. 0.01 min
Lab File: VW014762.D
Acq: 27 Jan 2020 11:59

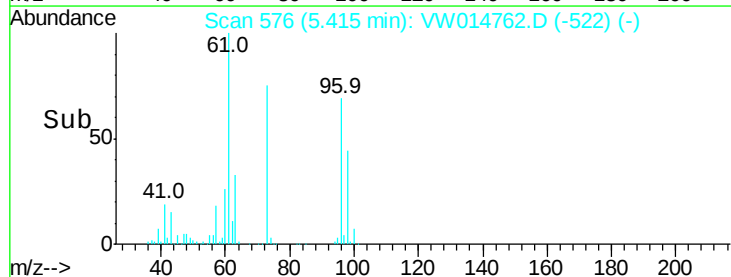
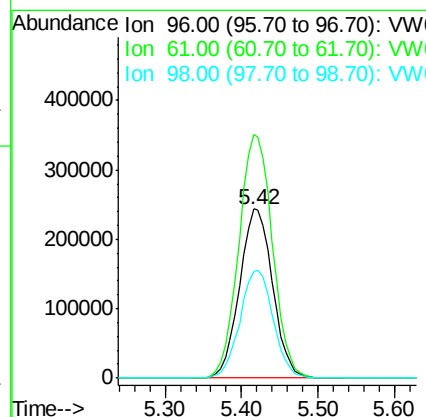
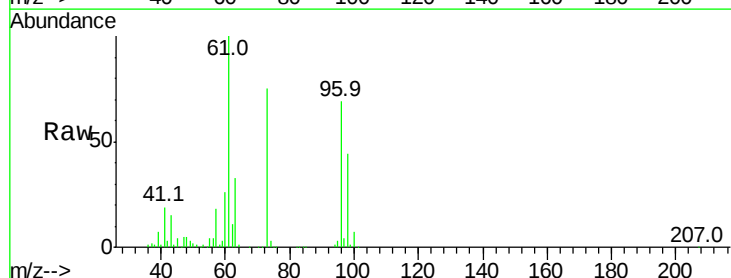
Instrument :
MSVOA_W
ClientSampled :
VSTD05006

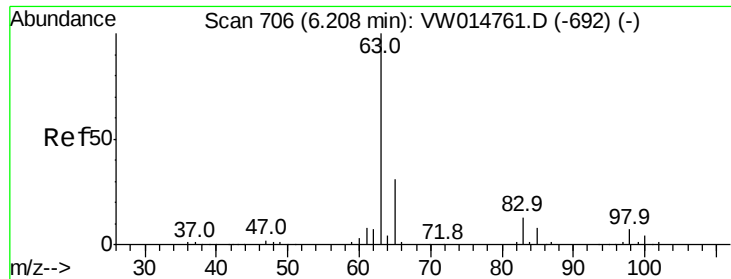
Tgt Ion: 73 Resp: 937097
Ion Ratio Lower Upper
73 100
43 19.8 16.2 24.4
57 23.3 19.1 28.7



#18
trans-1,2-Dichloroethene
Concen: 51.284 ug/L
RT: 5.42 min Scan# 576
Delta R.T. 0.00 min
Lab File: VW014762.D
Acq: 27 Jan 2020 11:59

Tgt Ion: 96 Resp: 728732
Ion Ratio Lower Upper
96 100
61 144.3 100.2 186.0
98 63.0 43.1 80.1

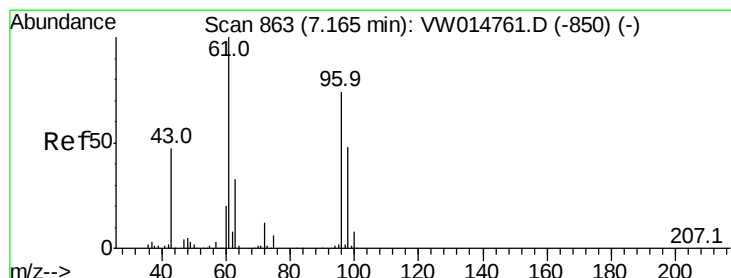
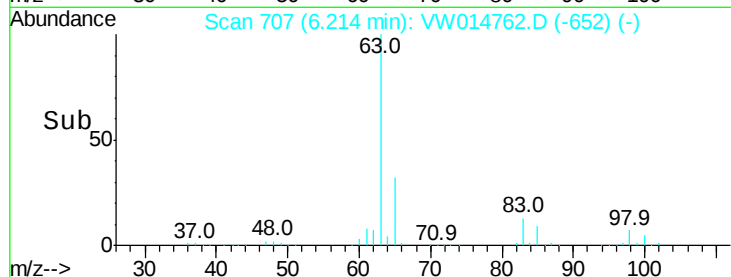
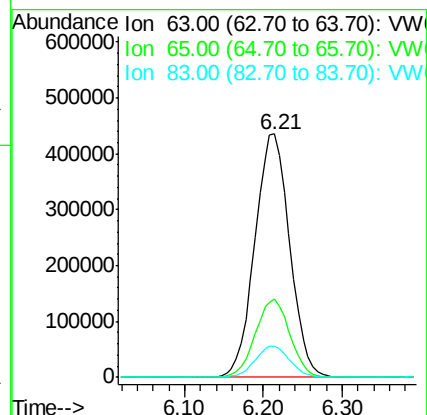
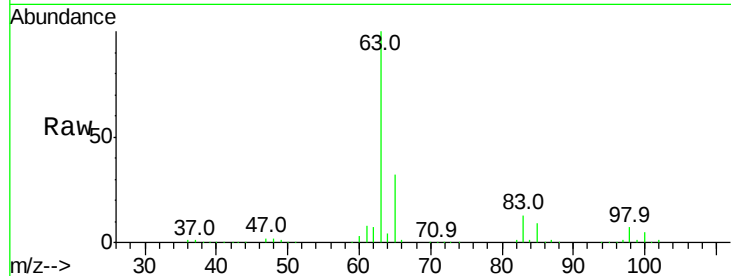




#19
 1,1-Dichloroethane
 Concen: 52.047 ug/L
 RT: 6.21 min Scan# 707
 Delta R.T. 0.01 min
 Lab File: VW014762.D
 Acq: 27 Jan 2020 11:59

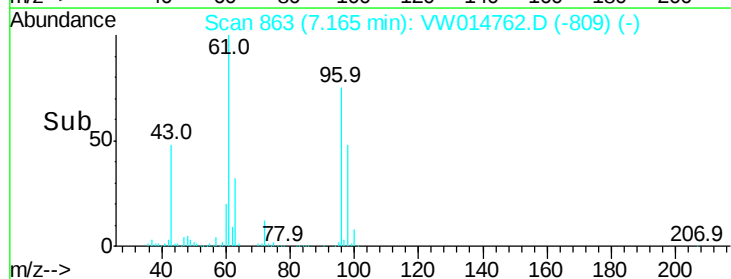
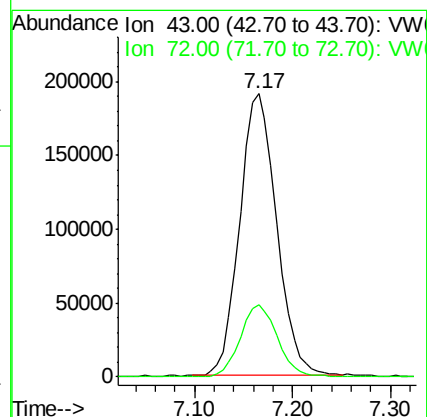
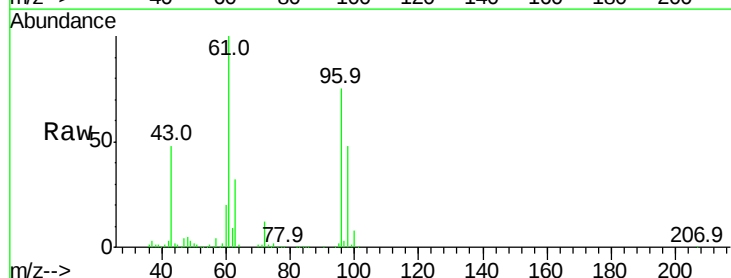
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05006

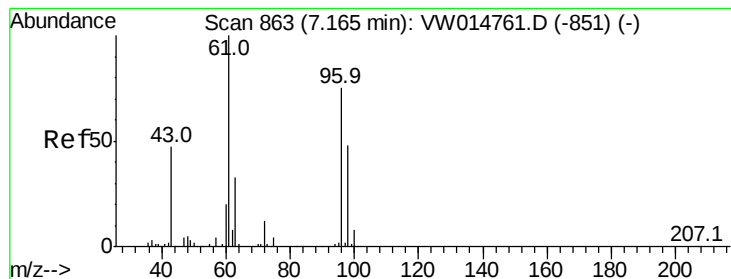
Tgt Ion: 63 Resp: 1336899
 Ion Ratio Lower Upper
 63 100
 65 32.3 21.7 40.3
 83 12.7 8.8 16.4



#21
 2-Butanone
 Concen: 95.597 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW014762.D
 Acq: 27 Jan 2020 11:59

Tgt Ion: 43 Resp: 502193
 Ion Ratio Lower Upper
 43 100
 72 25.8 12.6 37.6



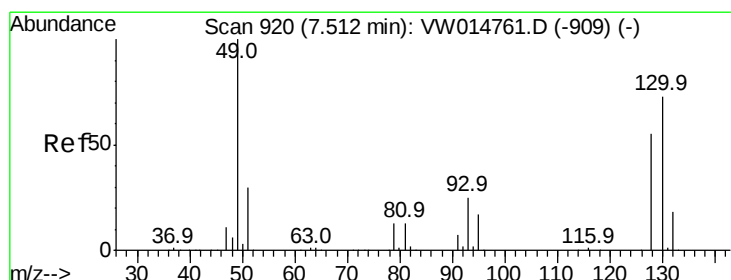
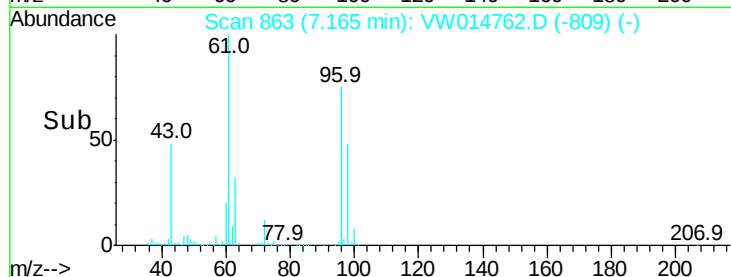
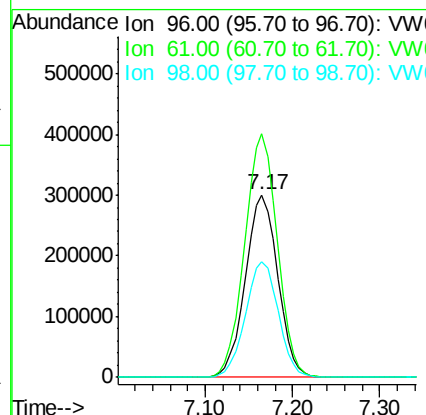
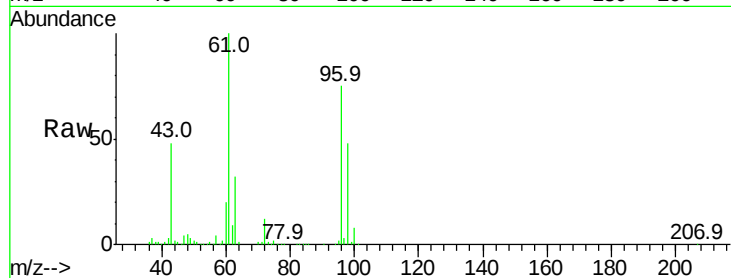


#22

cis-1,2-Dichloroethene
Concen: 51.875 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW014762.D
Acq: 27 Jan 2020 11:59

Instrument :
MSVOA_W
ClientSampled :
VSTD05006

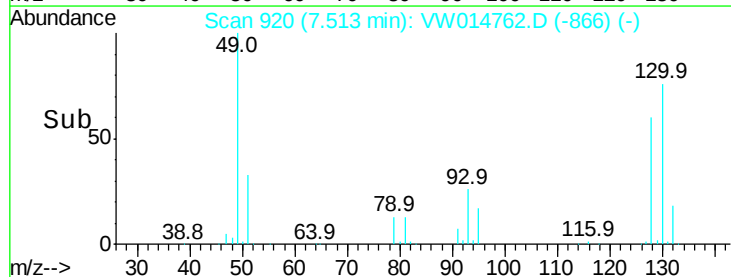
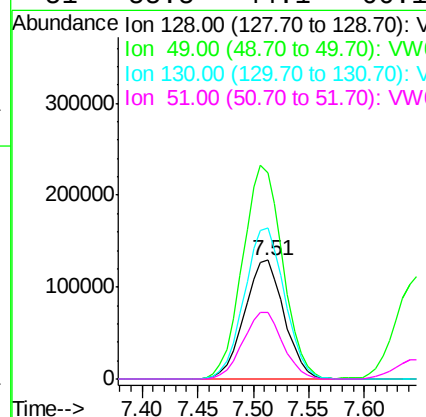
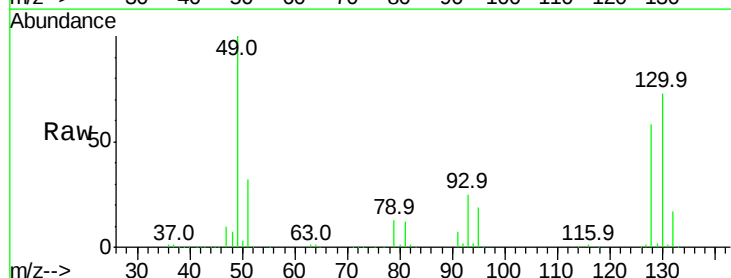
Tgt Ion: 96 Resp: 775901
Ion Ratio Lower Upper
96 100
61 133.6 94.1 174.7
98 63.6 44.9 83.3

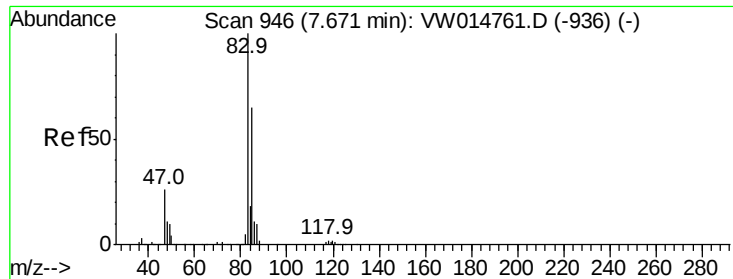


#23

Bromochloromethane
Concen: 49.489 ug/L
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW014762.D
Acq: 27 Jan 2020 11:59

Tgt Ion: 128 Resp: 320441
Ion Ratio Lower Upper
128 100
49 172.6 127.7 237.1
130 126.6 93.4 173.6
51 55.5 44.1 66.1





#25

Chloroform

Concen: 50.999 ug/L

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW014762.D

Acq: 27 Jan 2020 11:59

Instrument :

MSVOA_W

ClientSampleId :

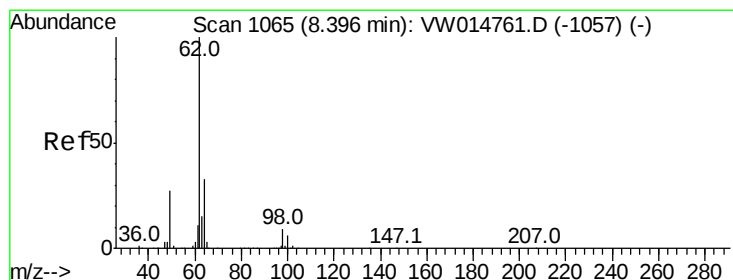
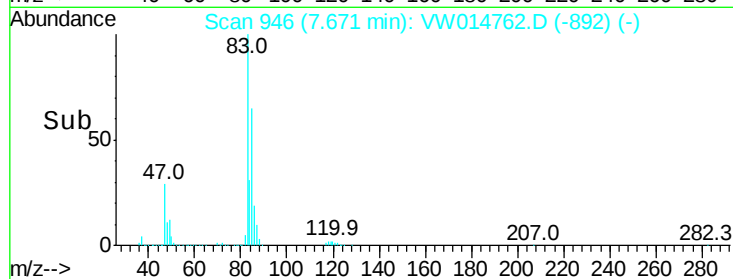
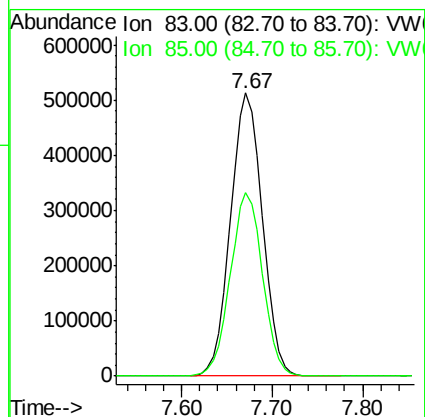
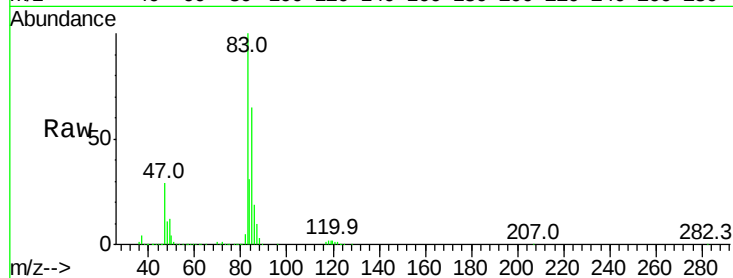
VSTD05006

Tgt Ion: 83 Resp: 1252975

Ion Ratio Lower Upper

83 100

85 65.7 46.0 85.4



#27

1,2-Dichloroethane

Concen: 50.530 ug/L

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW014762.D

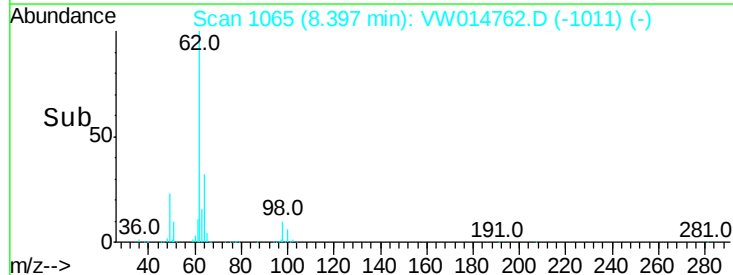
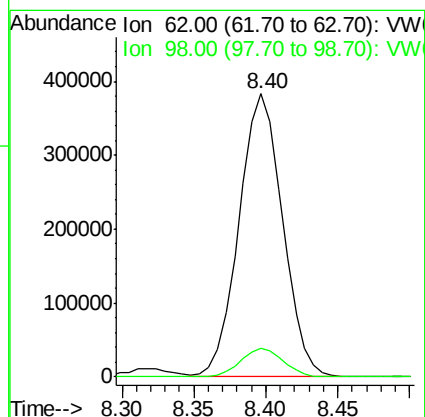
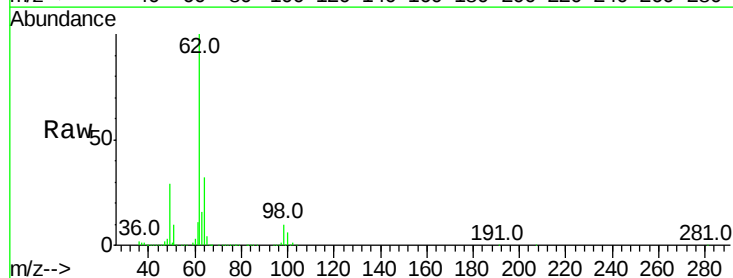
Acq: 27 Jan 2020 11:59

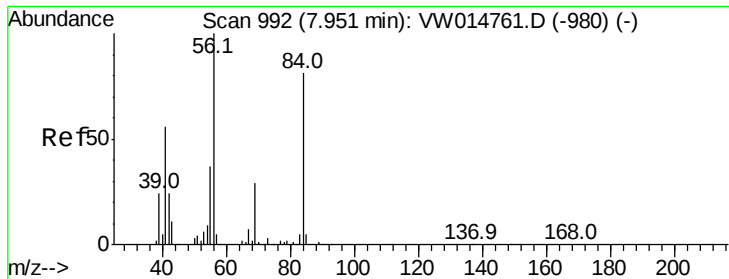
Tgt Ion: 62 Resp: 805906

Ion Ratio Lower Upper

62 100

98 9.9 7.5 11.3

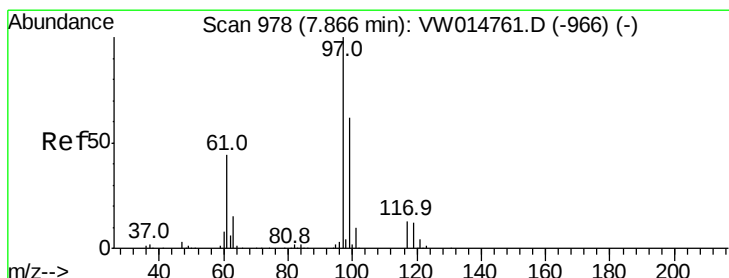
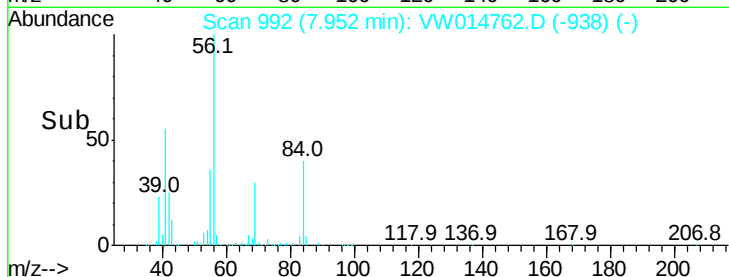
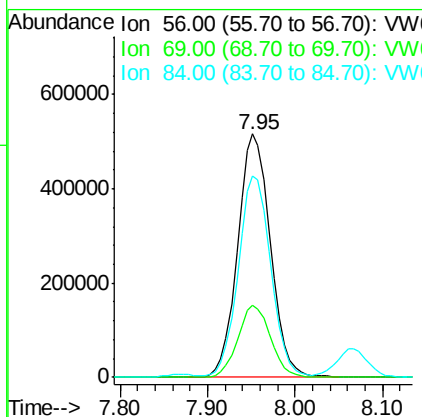
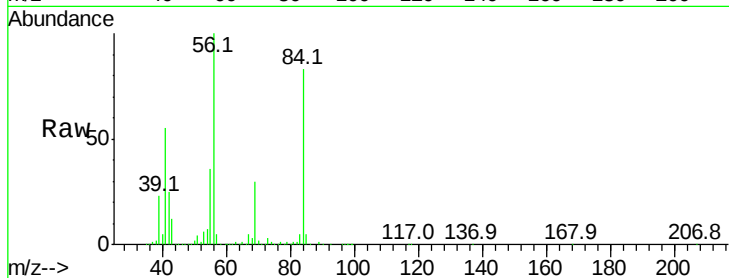




#30
Cyclohexane
Concen: 54.937 ug/L
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW014762.D
Acq: 27 Jan 2020 11:59

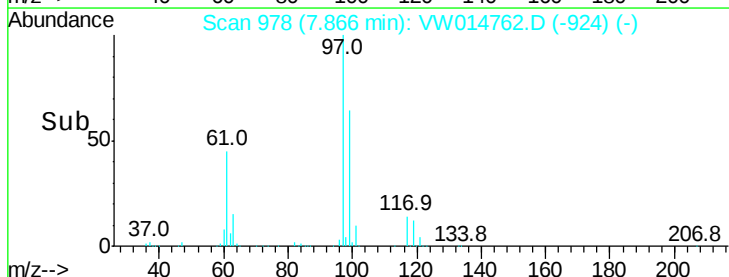
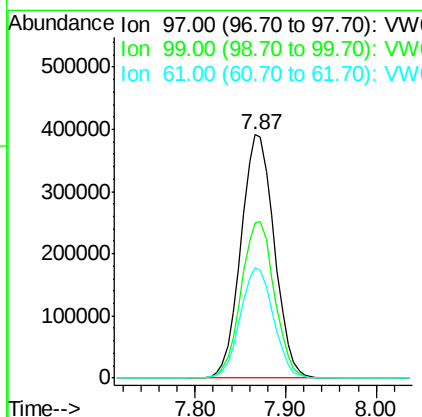
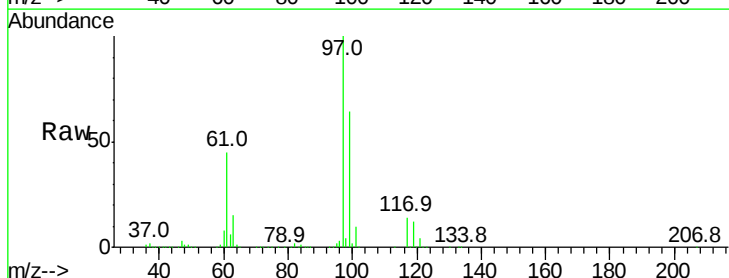
Instrument :
MSVOA_W
ClientSampled :
VSTD05006

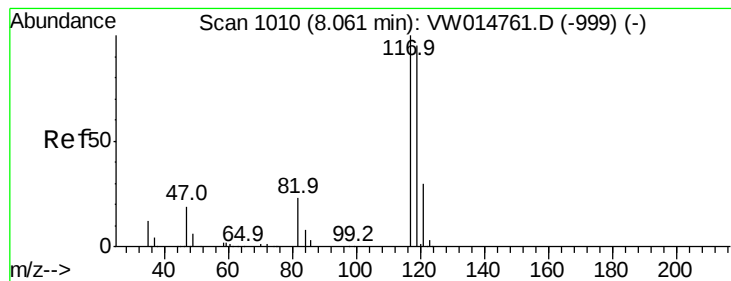
Tgt Ion: 56 Resp: 1340899
Ion Ratio Lower Upper
56 100
69 29.6 23.8 35.6
84 82.7 64.8 97.2



#31
1,1,1-Trichloroethane
Concen: 50.968 ug/L
RT: 7.87 min Scan# 978
Delta R.T. 0.00 min
Lab File: VW014762.D
Acq: 27 Jan 2020 11:59

Tgt Ion: 97 Resp: 997621
Ion Ratio Lower Upper
97 100
99 64.3 50.9 76.3
61 45.2 36.4 54.6





#32

Carbon tetrachloride

Concen: 51.257 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. 0.01 min

Lab File: VW014762.D

Acq: 27 Jan 2020 11:59

Instrument :

MSVOA_W

ClientSampleId :

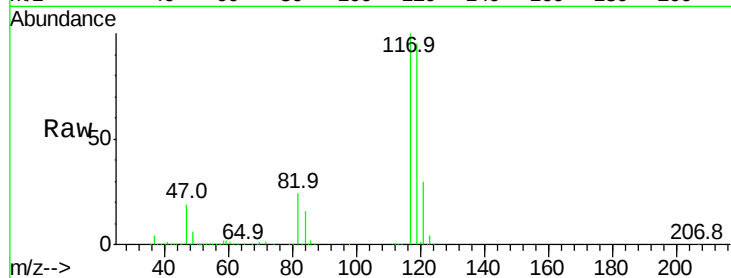
VSTD05006

Tgt Ion:117 Resp: 934747

Ion Ratio Lower Upper

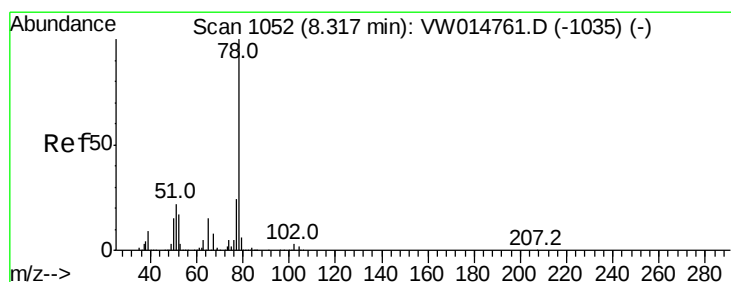
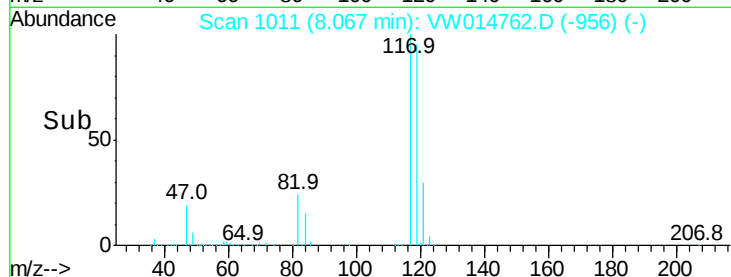
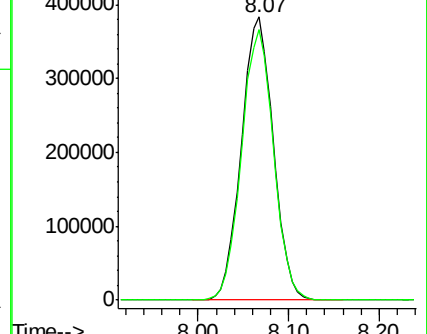
117 100

119 95.8 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: 51.061 ug/L

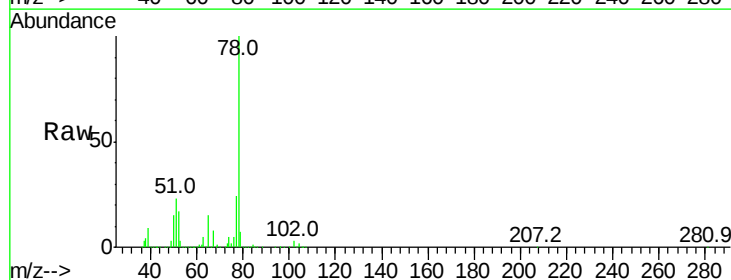
RT: 8.32 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VW014762.D

Acq: 27 Jan 2020 11:59

Tgt Ion: 78 Resp: 2932013



Abundance Ion 78.00 (77.70 to 78.70): VW

1500000

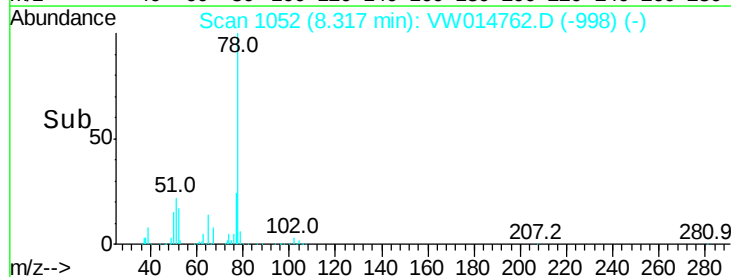
8.32

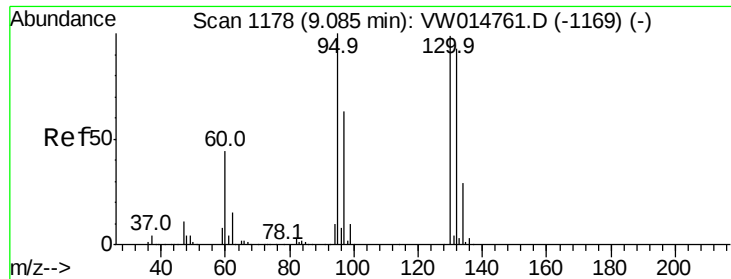
1000000

500000

0

Time-->

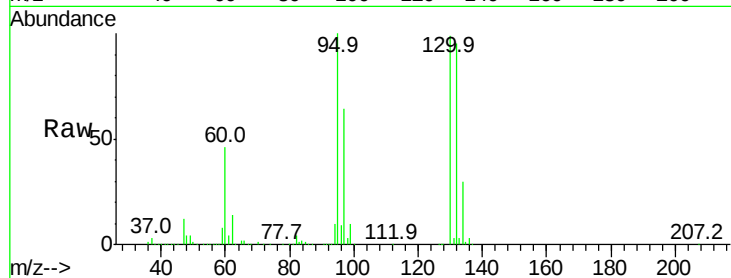




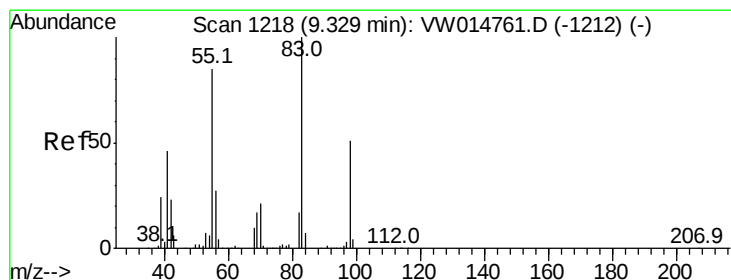
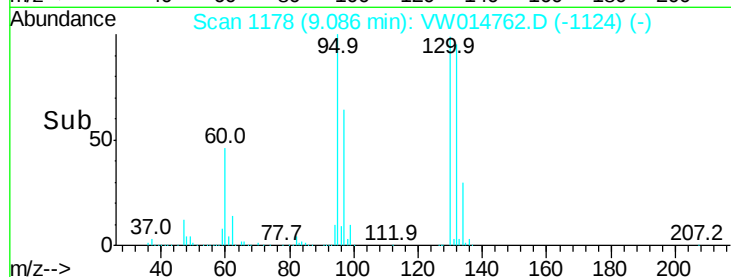
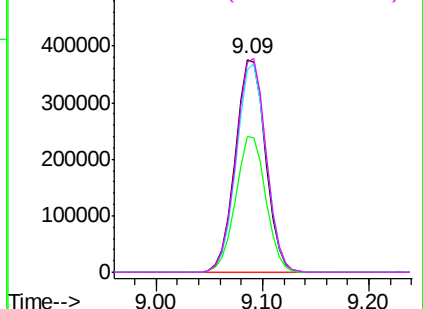
#35
 Trichloroethene
 Concen: 50.700 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VW014762.D
 Acq: 27 Jan 2020 11:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05006

Tgt Ion: 95 Resp: 751360
 Ion Ratio Lower Upper
 95 100
 97 63.9 44.3 82.3
 132 96.9 67.1 124.7
 130 100.4 69.9 129.7

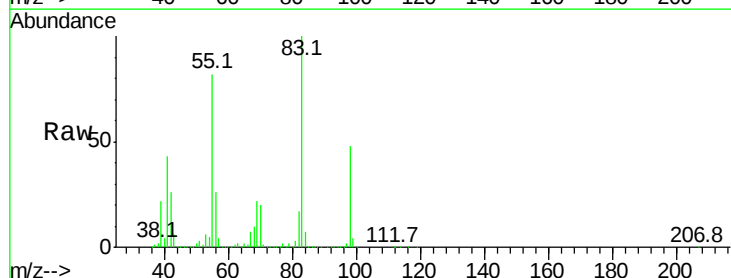


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

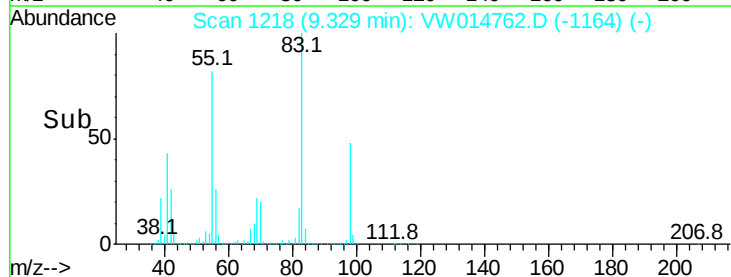
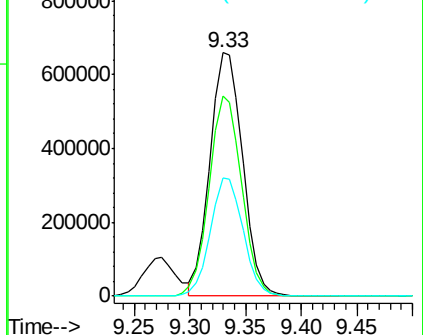


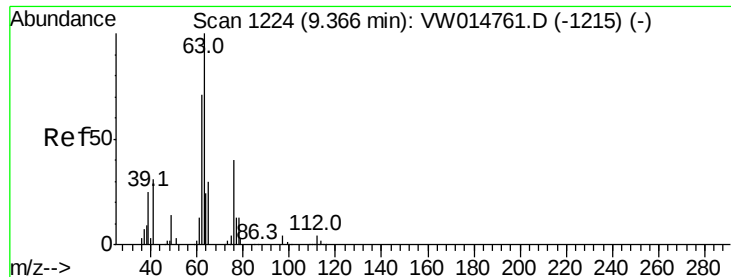
#36
 Methylcyclohexane
 Concen: 51.732 ug/L
 RT: 9.33 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: VW014762.D
 Acq: 27 Jan 2020 11:59

Tgt Ion: 83 Resp: 1344995
 Ion Ratio Lower Upper
 83 100
 55 82.1 65.6 98.4
 98 48.6 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: 51.188 ug/L

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW014762.D

Acq: 27 Jan 2020 11:59

Instrument :

MSVOA_W

ClientSampleId :

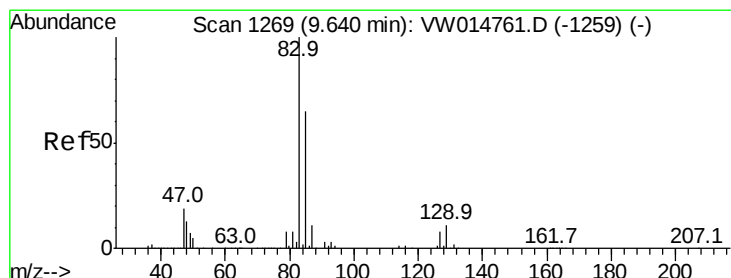
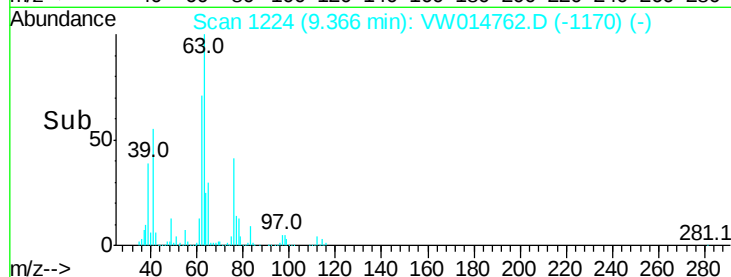
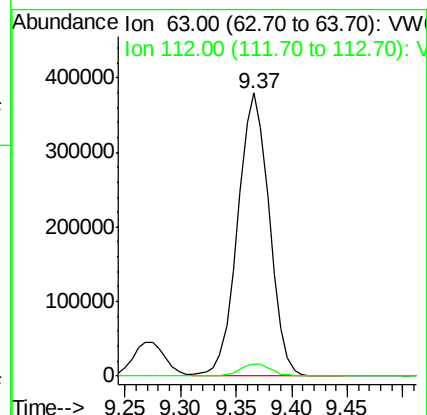
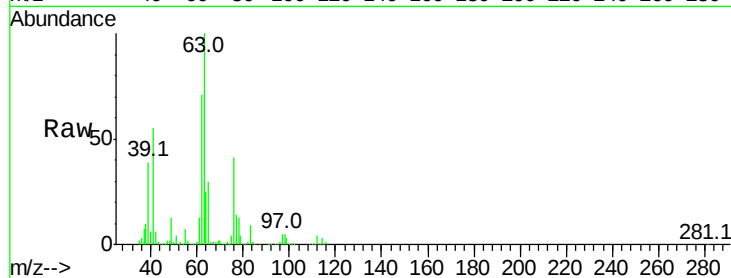
VSTD05006

Tgt Ion: 63 Resp: 743947

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#41

Bromodichloromethane

Concen: 51.329 ug/L

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW014762.D

Acq: 27 Jan 2020 11:59

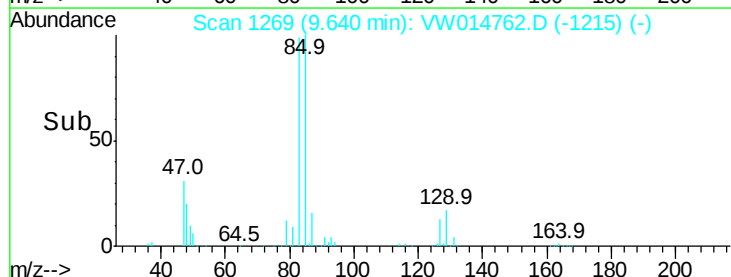
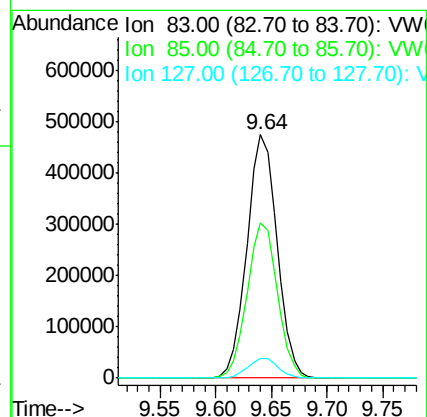
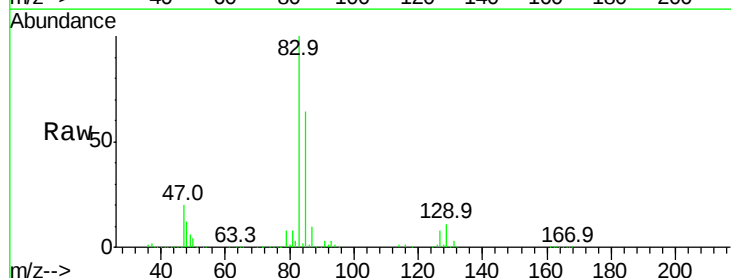
Tgt Ion: 83 Resp: 897335

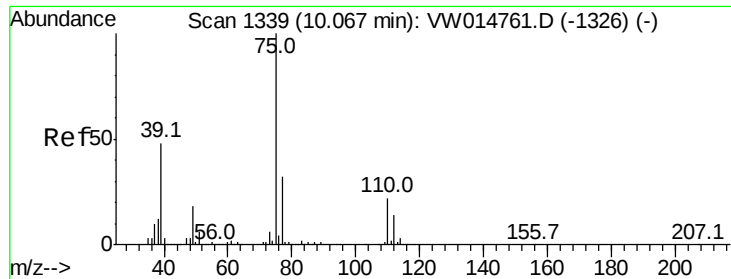
Ion Ratio Lower Upper

83 100

85 63.5 45.7 84.9

127 8.2 6.5 9.7





#42

cis-1,3-Dichloropropene

Concen: 53.747 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. 0.01 min

Lab File: VW014762.D

Acq: 27 Jan 2020 11:59

Instrument :

MSVOA_W

ClientSampleId :

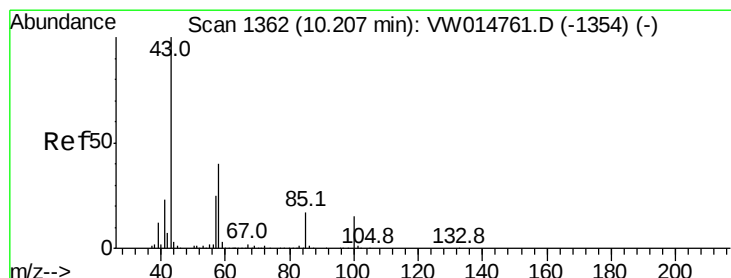
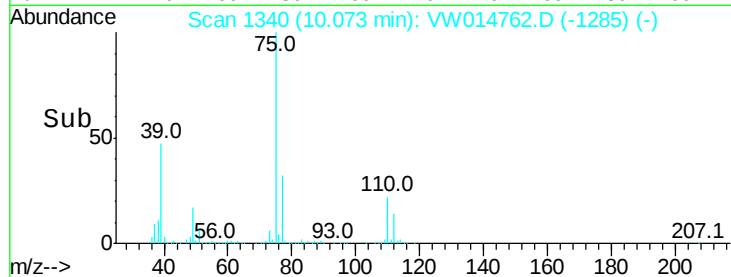
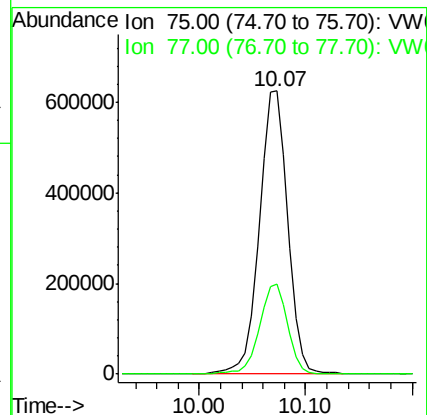
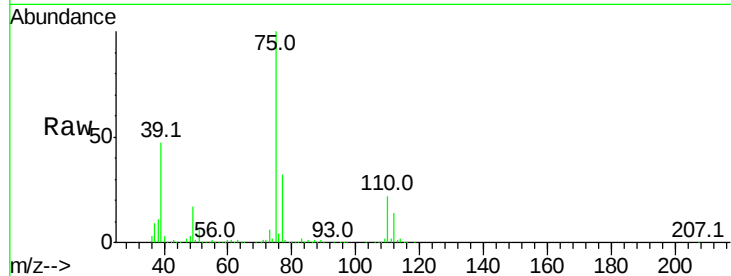
VSTD05006

Tgt Ion: 75 Resp: 1166866

Ion Ratio Lower Upper

75 100

77 31.7 22.3 41.3



#43

4-Methyl-2-pentanone

Concen: 101.732 ug/L

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW014762.D

Acq: 27 Jan 2020 11:59

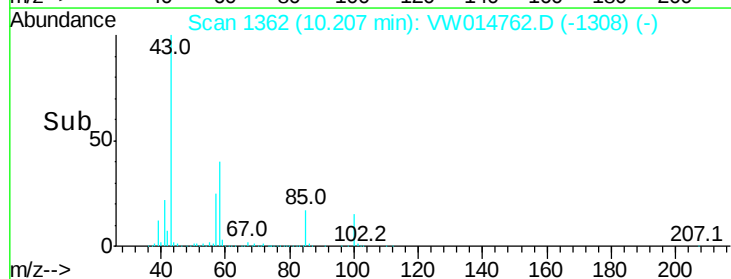
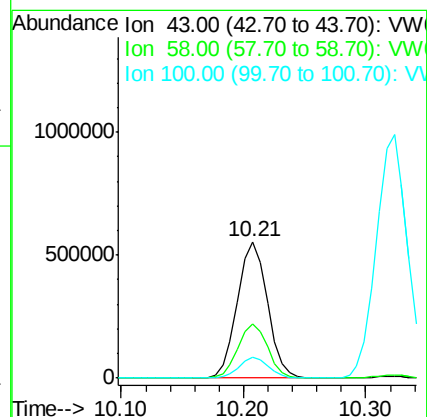
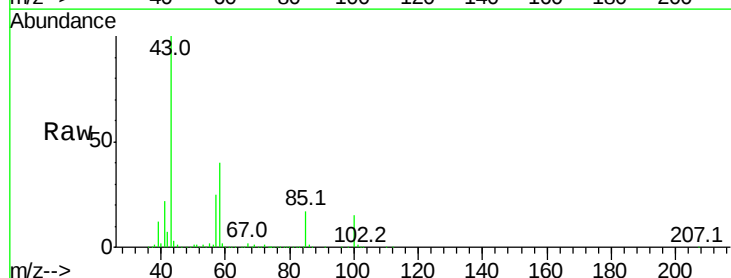
Tgt Ion: 43 Resp: 949155

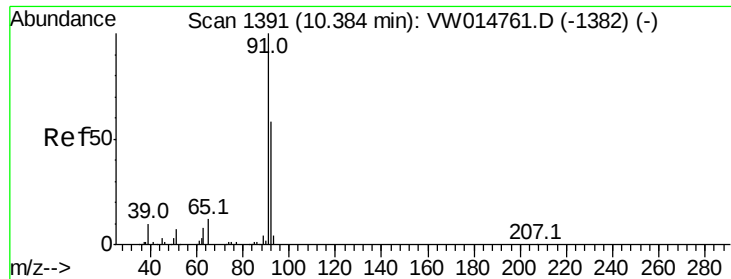
Ion Ratio Lower Upper

43 100

58 39.3 30.9 46.3

100 15.1 11.8 17.6





#44

Toluene

Concen: 51.148 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014762.D

Acq: 27 Jan 2020 11:59

Instrument :

MSVOA_W

ClientSampleId :

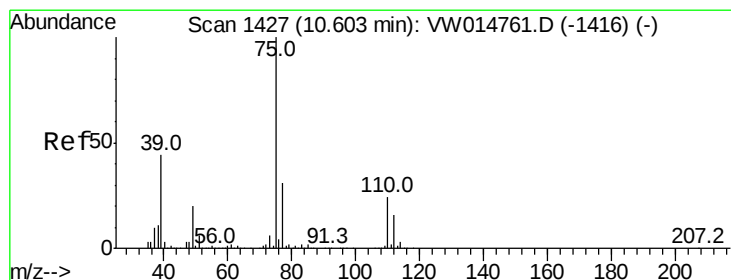
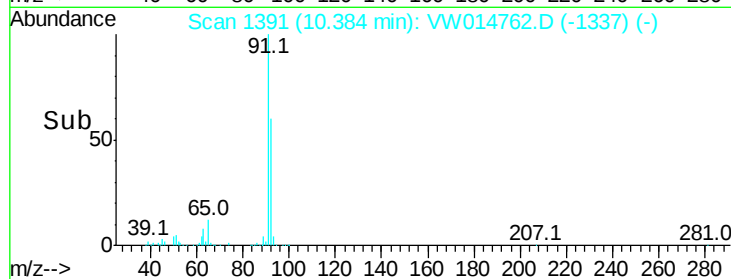
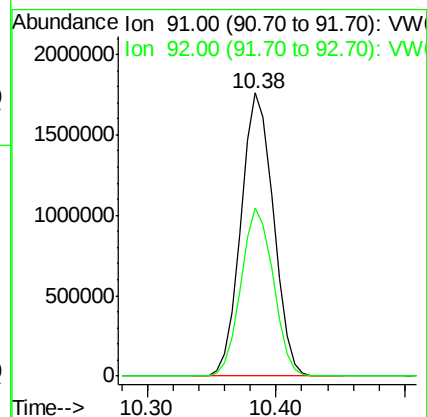
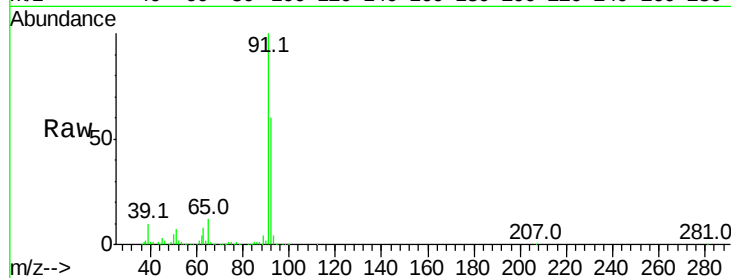
VSTD05006

Tgt Ion: 91 Resp: 3069258

Ion Ratio Lower Upper

91 100

92 59.6 40.7 75.7



#45

trans-1,3-Dichloropropene

Concen: 53.022 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW014762.D

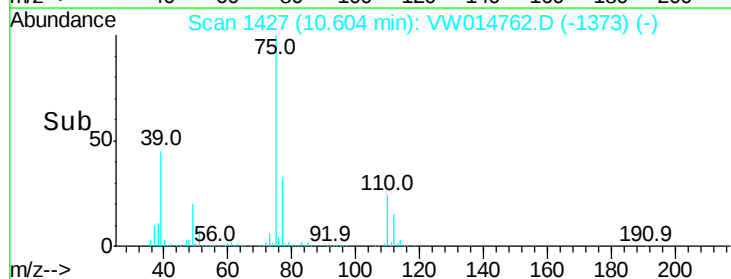
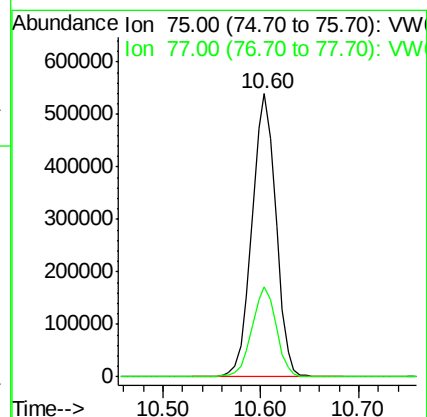
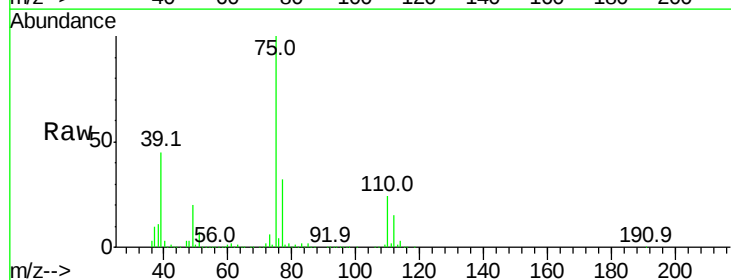
Acq: 27 Jan 2020 11:59

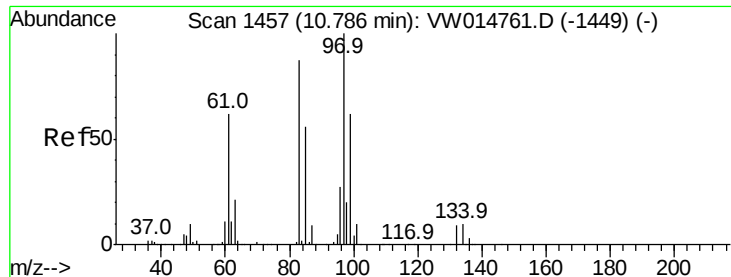
Tgt Ion: 75 Resp: 920435

Ion Ratio Lower Upper

75 100

77 31.9 21.6 40.0





#46

1,1,2-Trichloroethane

Concen: 48.489 ug/L

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW014762.D

Acq: 27 Jan 2020 11:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD05006

Tgt Ion: 97 Resp: 499164

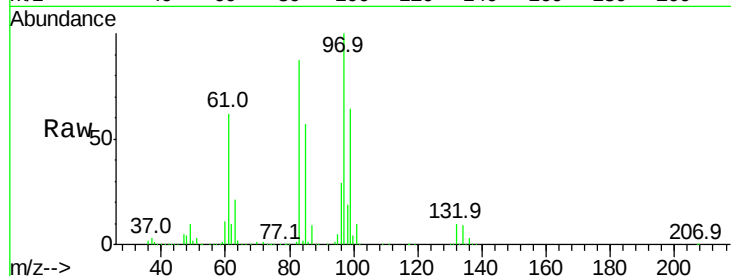
Ion Ratio Lower Upper

97 100

83 87.4 60.9 113.1

85 56.5 39.2 72.8

99 63.7 43.0 80.0

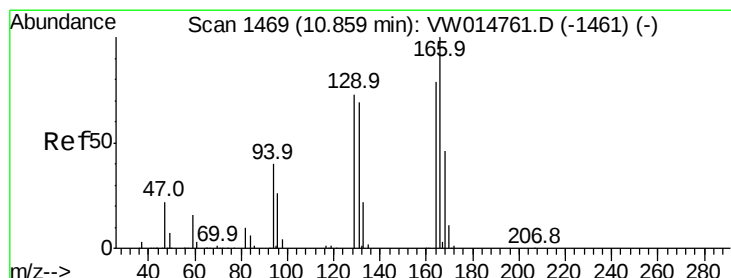
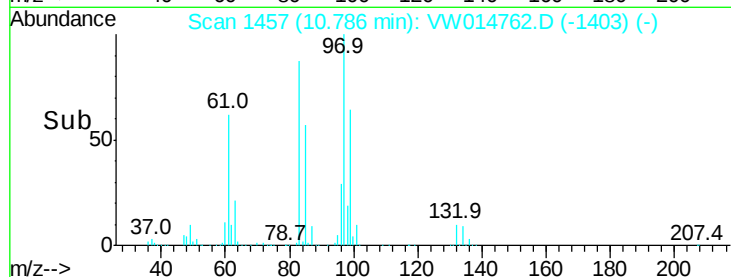
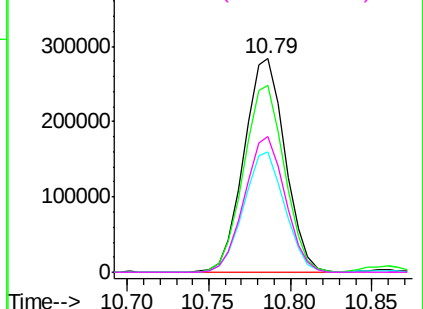


Abundance Ion 97.00 (96.70 to 97.70): VW

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: 48.076 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW014762.D

Acq: 27 Jan 2020 11:59

Tgt Ion: 164 Resp: 598242

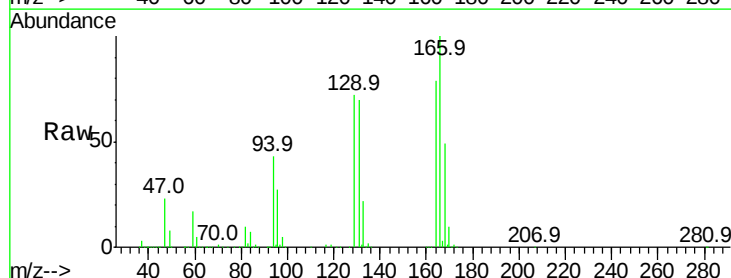
Ion Ratio Lower Upper

164 100

129 90.6 64.4 119.6

131 87.7 61.2 113.6

166 126.1 88.8 165.0

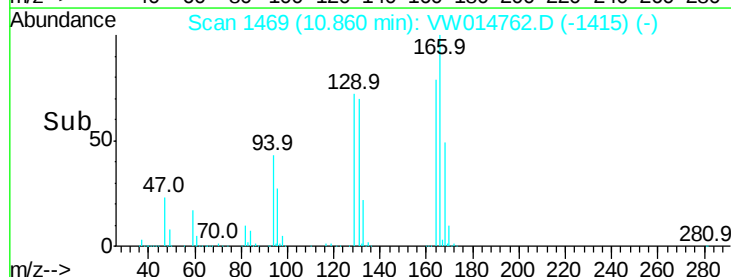
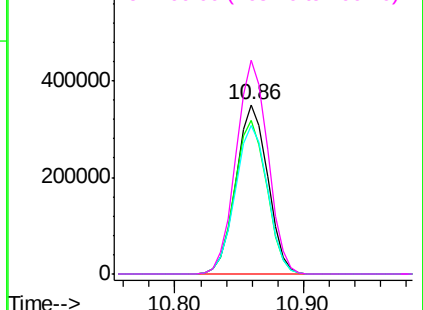


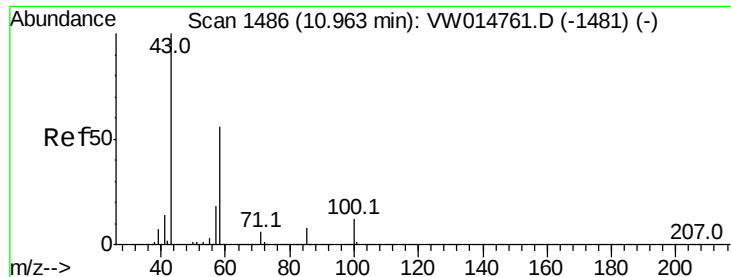
Abundance Ion 164.00 (163.70 to 164.70): V

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

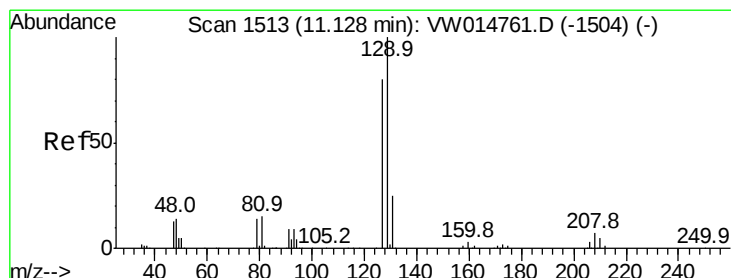
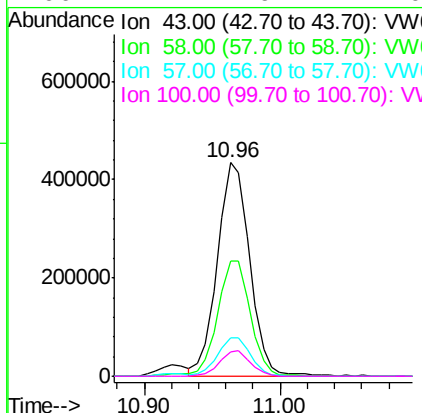
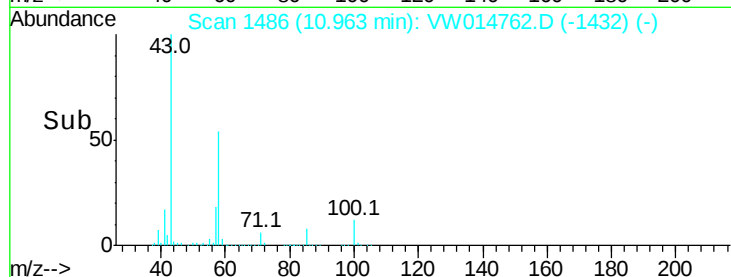
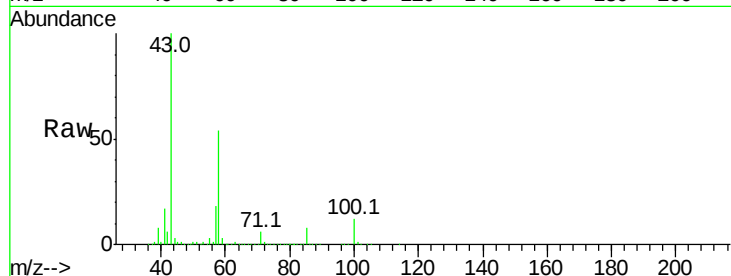




#49
2-Hexanone
Concen: 111.858 ug/L
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW014762.D
Acq: 27 Jan 2020 11:59

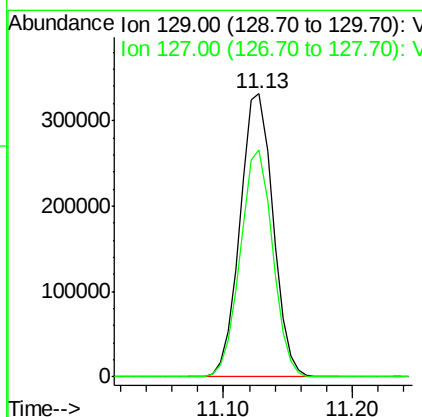
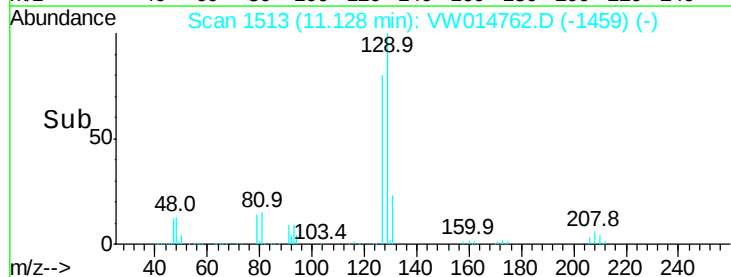
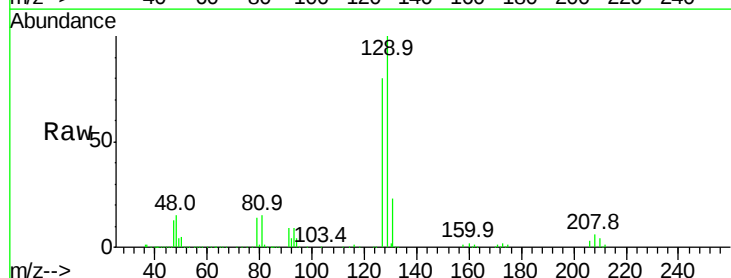
Instrument :
MSVOA_W
ClientSampleId :
VSTD05006

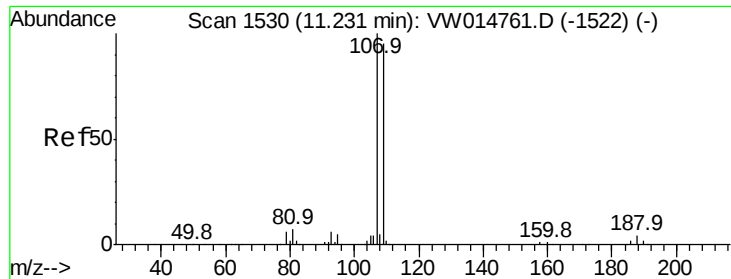
Tgt Ion: 43 Resp: 712658
Ion Ratio Lower Upper
43 100
58 54.5 43.2 64.8
57 18.9 14.7 22.1
100 11.7 9.4 14.0



#50
Dibromochloromethane
Concen: 50.353 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW014762.D
Acq: 27 Jan 2020 11:59

Tgt Ion: 129 Resp: 588581
Ion Ratio Lower Upper
129 100
127 80.4 55.7 103.5

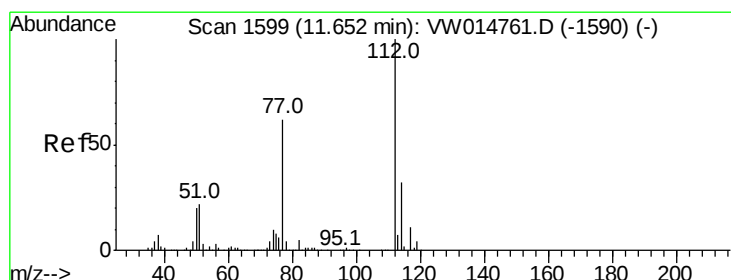
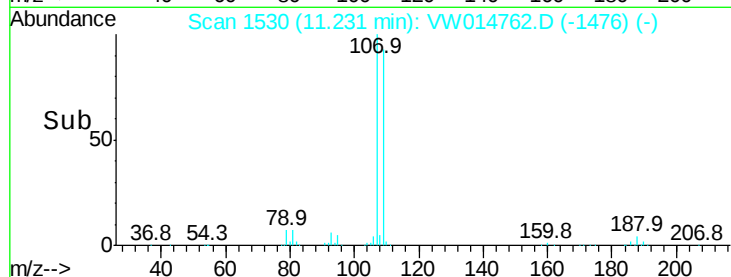
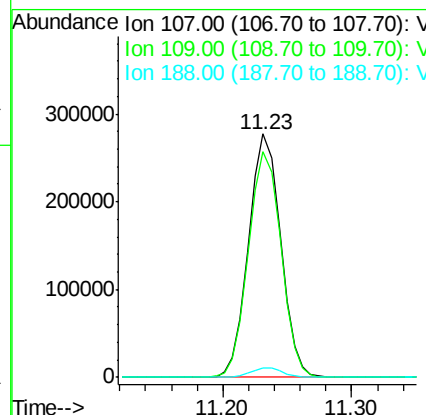
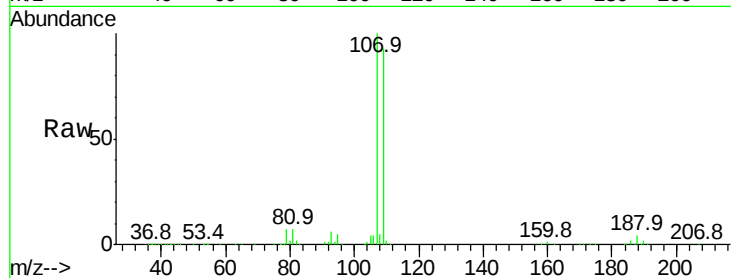




#51
1,2-Dibromoethane
Concen: 49.081 ug/L
RT: 11.23 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VW014762.D
Acq: 27 Jan 2020 11:59

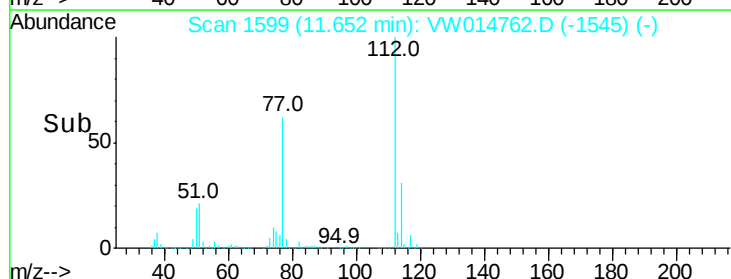
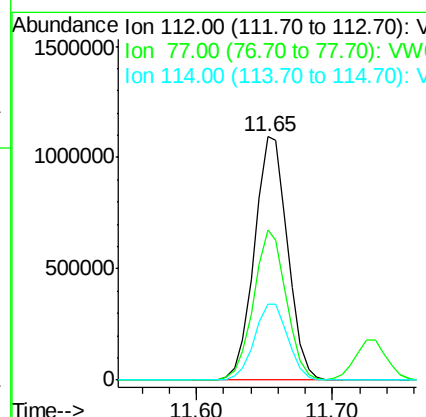
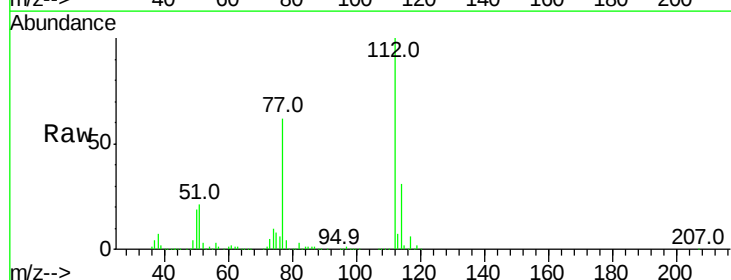
Instrument :
MSVOA_W
ClientSampleId :
VSTD05006

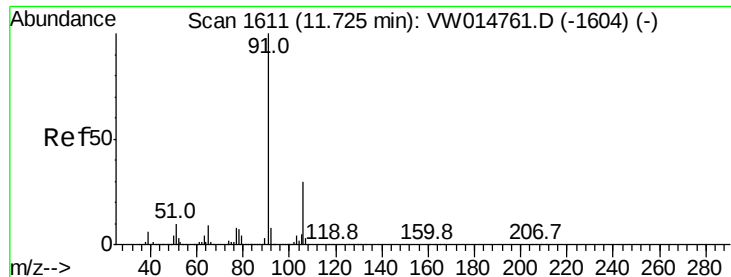
Tgt Ion:107 Resp: 476948
Ion Ratio Lower Upper
107 100
109 92.5 66.6 123.8
188 3.8 3.0 4.6



#52
Chlorobenzene
Concen: 49.245 ug/L
RT: 11.65 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VW014762.D
Acq: 27 Jan 2020 11:59

Tgt Ion:112 Resp: 1868005
Ion Ratio Lower Upper
112 100
77 61.5 49.2 73.8
114 31.4 22.5 41.7





#53

Ethylbenzene

Concen: 51.648 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.01 min

Lab File: VW014762.D

Acq: 27 Jan 2020 11:59

Instrument :

MSVOA_W

ClientSampleId :

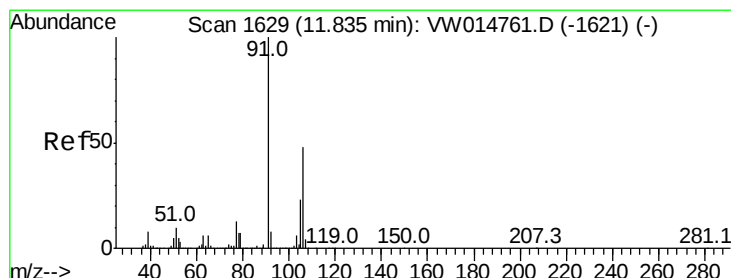
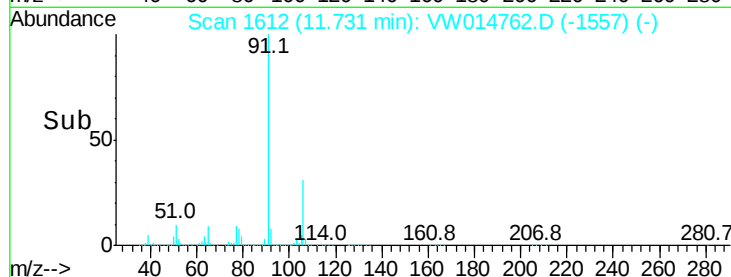
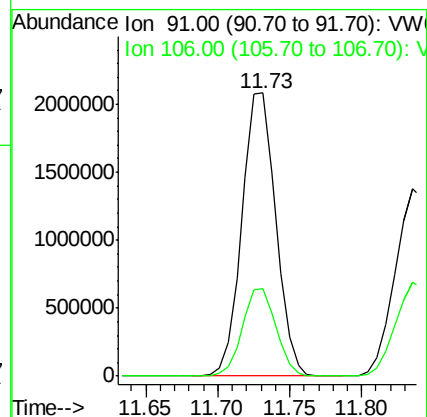
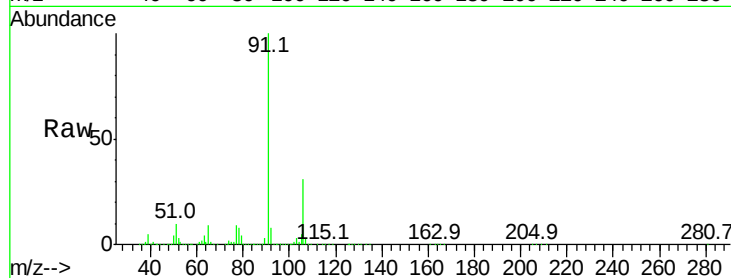
VSTD05006

Tgt Ion: 91 Resp: 3407593

Ion Ratio Lower Upper

91 100

106 31.0 21.1 39.3



#54

m,p-Xylene

Concen: 51.507 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VW014762.D

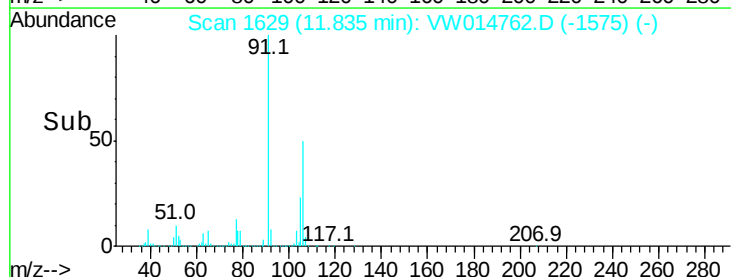
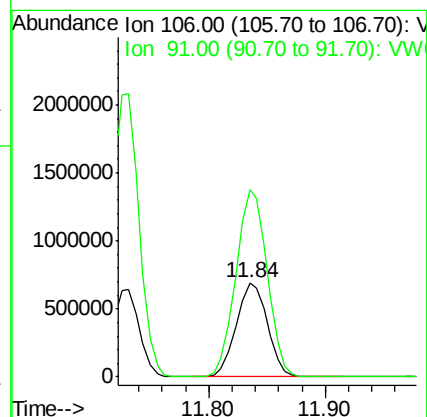
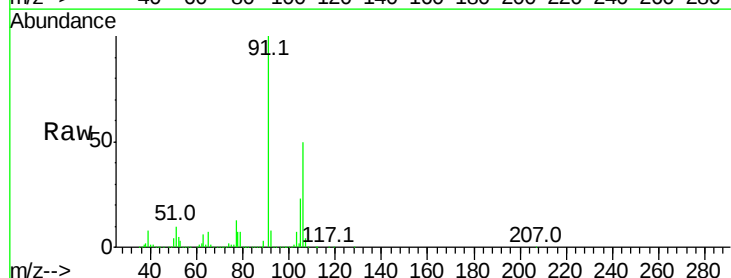
Acq: 27 Jan 2020 11:59

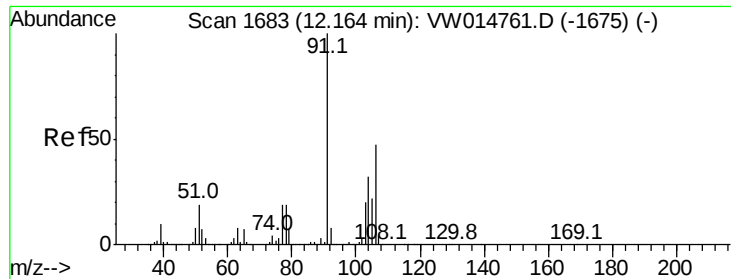
Tgt Ion: 106 Resp: 1285991

Ion Ratio Lower Upper

106 100

91 198.6 146.2 271.6





#55

o-xylene

Concen: 51.663 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW014762.D

Acq: 27 Jan 2020 11:59

Instrument :

MSVOA_W

ClientSampled :

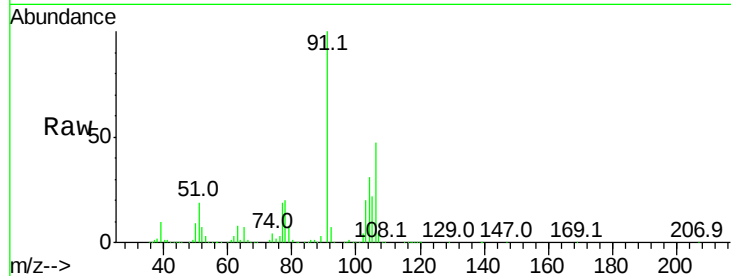
VSTD05006

Tgt Ion:106 Resp: 1218375

Ion Ratio Lower Upper

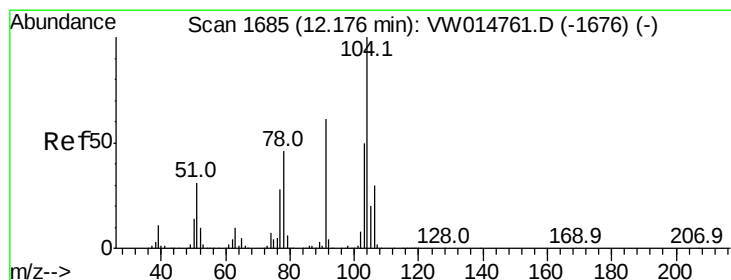
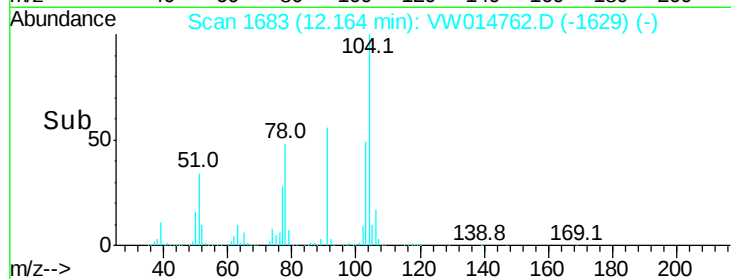
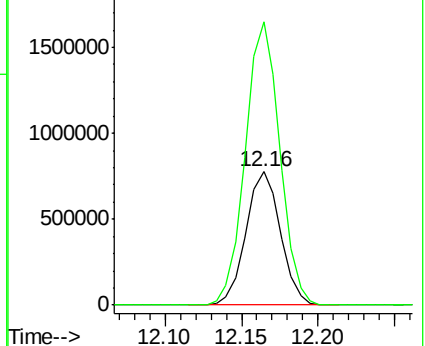
106 100

91 212.8 148.7 276.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#56

Styrene

Concen: 52.197 ug/L

RT: 12.18 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VW014762.D

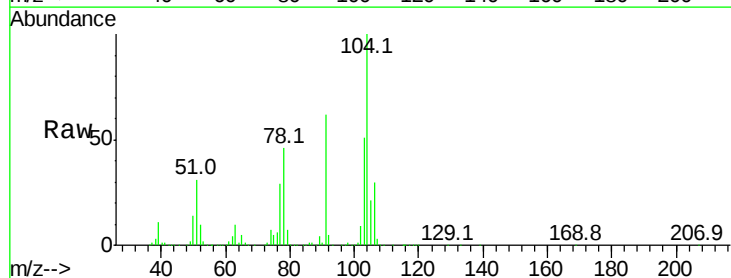
Acq: 27 Jan 2020 11:59

Tgt Ion:104 Resp: 2071861

Ion Ratio Lower Upper

104 100

78 46.3 32.0 59.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

