

Data File : VW014214.D
Acq On : 05 Dec 2019 14:07
Operator : SY/VA
Sample : VSTD10005
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD10005

Quant Time: Dec 05 14:35:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 05 14:14:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1271524	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1183789	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	584746	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	1980911	97.65	ug/L	0.00
7) Chloroethane-d5	2.88	69	1563780	95.08	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	3629334	87.17	ug/L	0.00
20) 2-Butanone-d5	7.07	46	1275739	216.46	ug/L	0.00
24) Chloroform-d	7.64	84	3569367	91.30	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	1870973	95.19	ug/L	0.00
29) Benzene-d6	8.27	84	7575485	90.19	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	2384176	96.90	ug/L	0.00
37) Toluene-d8	10.32	98	7023989	88.19	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	1075448	102.06	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	1116514	239.30	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	1990242	107.12	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	2520576	107.29	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	1225306	81.029	ug/L	100
3) Chloromethane	2.21	50	1313061	97.758	ug/L	99
5) Vinyl chloride	2.37	62	1727927	82.392	ug/L	94
6) Bromomethane	2.78	94	1069394	82.359	ug/L	100
8) Chloroethane	2.92	64	1037264	83.148	ug/L	98
9) Trichlorofluoromethane	3.25	101	897551	62.762	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	1625026	76.956	ug/L	95
13) Acetone	4.11	43	1270147	211.790	ug/L	99
14) Carbon disulfide	4.39	76	5226190	85.545	ug/L	100
15) Methyl Acetate	4.66	43	975268	100.509	ug/L	99
16) Methylene chloride	4.92	84	1828748	74.707	ug/L	99
17) Methyl tert-butyl Ether	5.42	73	2300706	83.083	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	1837234	82.079	ug/L	94
19) 1,1-Dichloroethane	6.21	63	3260262	86.472	ug/L	100
21) 2-Butanone	7.17	43	1615268	209.643	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	2030605	86.208	ug/L	99
23) Bromochloromethane	7.51	128	892838	86.351	ug/L	85
25) Chloroform	7.67	83	3149173	85.054	ug/L	100
27) 1,2-Dichloroethane	8.40	62	2050020	91.452	ug/L	98
30) Cyclohexane	7.95	56	3078240	81.255	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	2312905	77.963	ug/L	98
32) Carbon tetrachloride	8.06	117	2223575	78.079	ug/L	100
34) Benzene	8.32	78	7256703	83.573	ug/L	100
35) Trichloroethene	9.09	95	1897286	81.913	ug/L	97
36) Methylcyclohexane	9.34	83	3255608	78.392	ug/L	99
40) 1,2-Dichloropropane	9.37	63	1869258	89.427	ug/L	99
41) Bromodichloromethane	9.64	83	2361651	93.457	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	3109992	94.281	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	2772382	200.883	ug/L	99
44) Toluene	10.38	91	7726983	81.620	ug/L	96

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Quant Title : VOC Analysis
QLast Update : Thu Dec 05 14:14:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) trans-1,3-Dichloropropene	10.60	75	2505602	96.055	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	1441535	93.859	ug/L	97
47) Tetrachloroethene	10.86	164	1569726	76.033	ug/L	98
49) 2-Hexanone	10.96	43	2199297	221.038	ug/L	97
50) Dibromochloromethane	11.13	129	1710638	94.760	ug/L	98
51) 1,2-Dibromoethane	11.23	107	1420303	95.313	ug/L	99
52) Chlorobenzene	11.65	112	4991617	84.105	ug/L	95
53) Ethylbenzene	11.73	91	8518387	81.998	ug/L	99
54) m,p-Xylene	11.84	106	3368047	83.424	ug/L	98
55) o-xylene	12.16	106	3269076	86.470	ug/L	98
56) Styrene	12.18	104	5569852	87.212	ug/L	98
57) Isopropylbenzene	12.46	105	8287041	79.724	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	1802693	100.535	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	1348367	99.985	ug/L	99
62) Bromoform	12.35	173	1048664	109.432	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	3924362	95.580	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	3879731	95.639	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	3593695	98.842	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.48	75	291743	117.824	ug/L	88
67) 1,3,5-Trichlorobenzene	14.63	180	2831301	90.484	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	2396229	97.393	ug/L	99
69) Naphthalene	15.36	128	5042380	115.359	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	2146662	98.863	ug/L	98

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

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Instrument :
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ClientSampleId :
VSTD10005

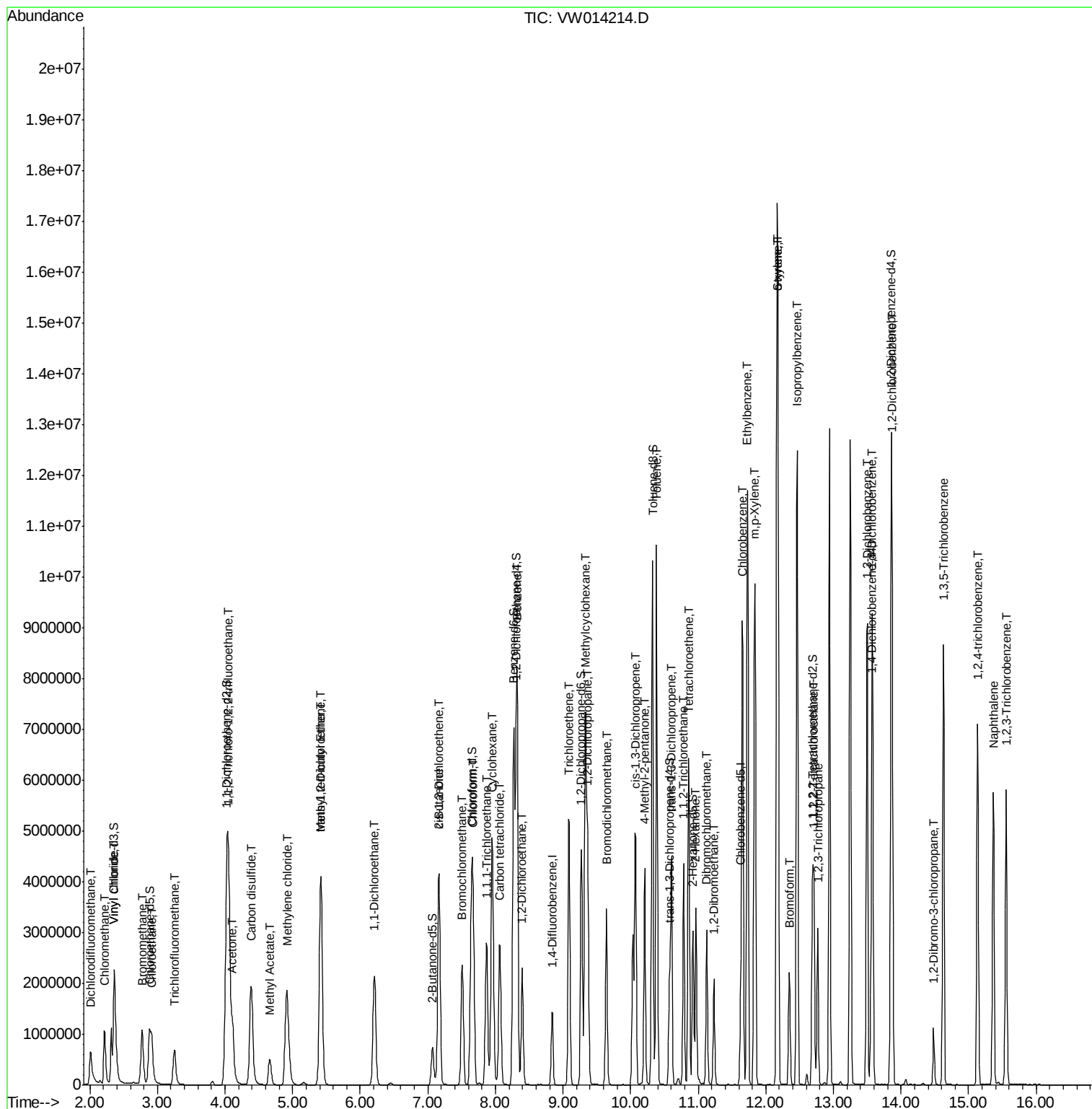
Quant Time: Dec 05 14:35:22 2019

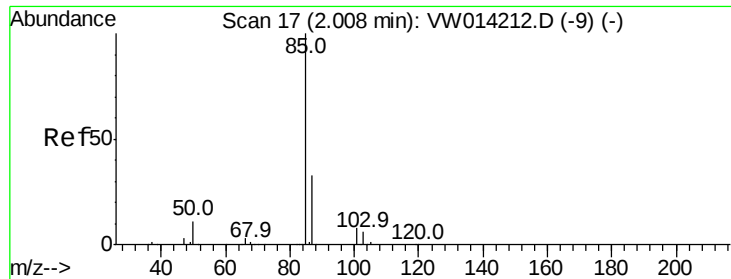
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M

Quant Title : VOC Analysis

QLast Update : Thu Dec 05 14:14:45 2019

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#2

Dichlorodifluoromethane

Concen: 81.029 ug/L

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

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Acq: 05 Dec 2019 14:07

Instrument :

MSVOA_W

ClientSampleId :

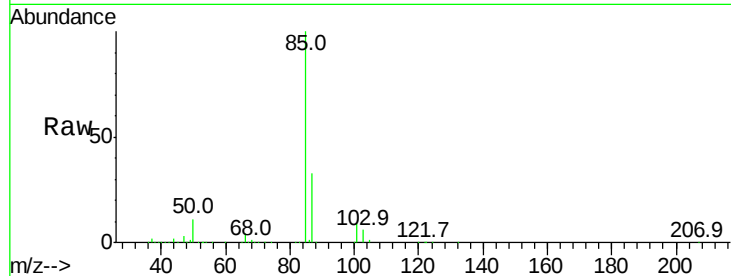
VSTD10005

Tgt Ion: 85 Resp: 1225306

Ion Ratio Lower Upper

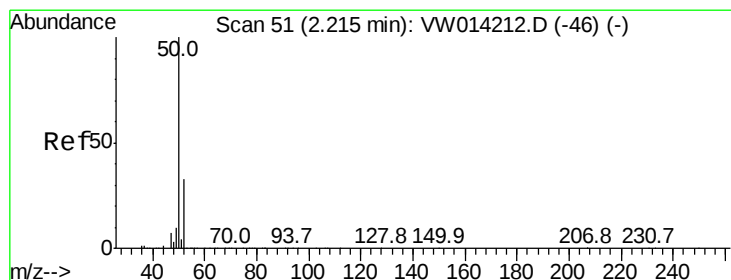
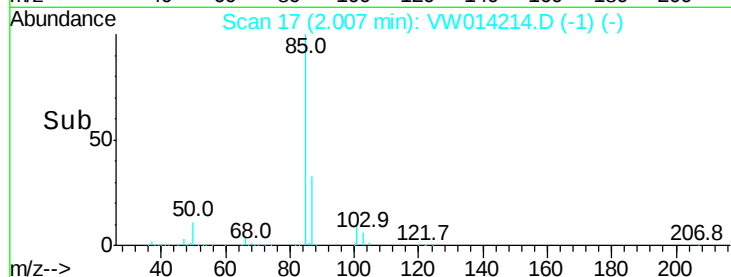
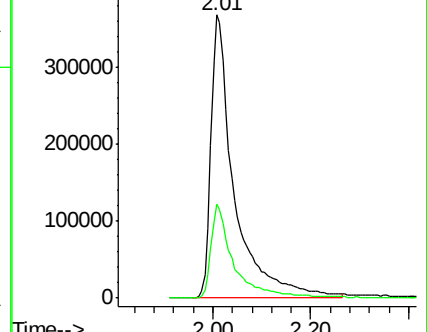
85 100

87 31.7 22.1 41.1



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 97.758 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW014214.D

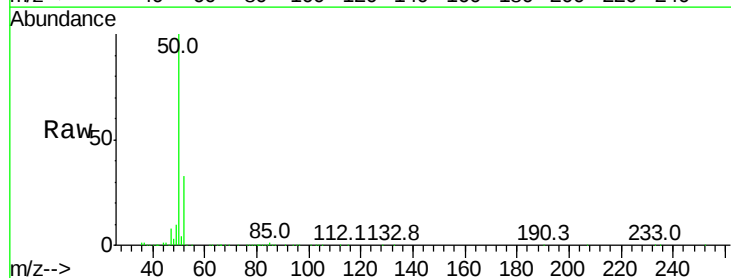
Acq: 05 Dec 2019 14:07

Tgt Ion: 50 Resp: 1313061

Ion Ratio Lower Upper

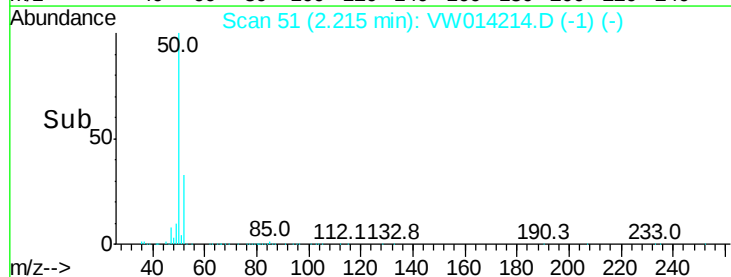
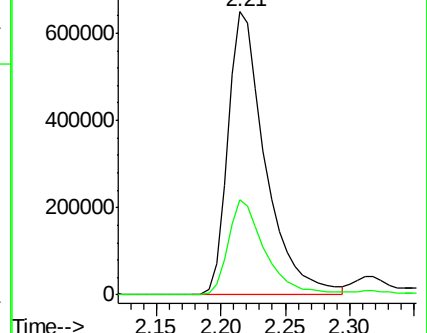
50 100

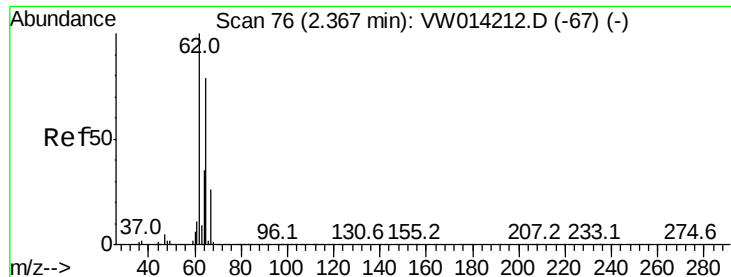
52 33.5 23.8 44.2



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 82.392 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW014214.D

Acq: 05 Dec 2019 14:07

Instrument :

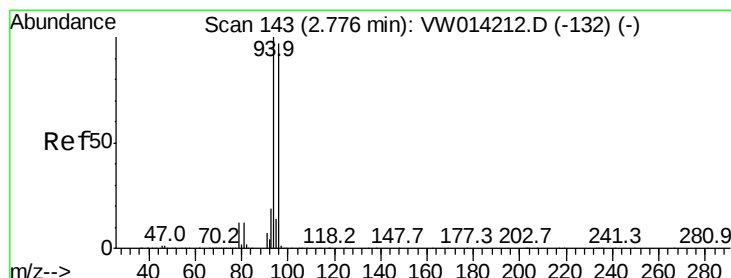
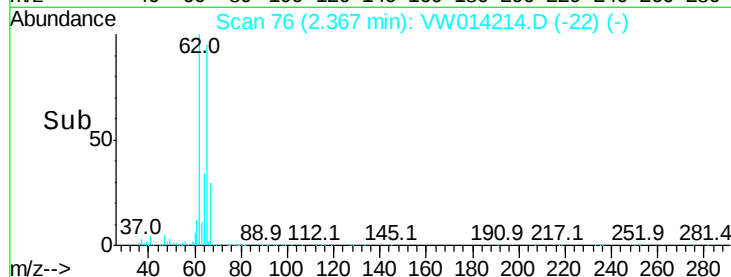
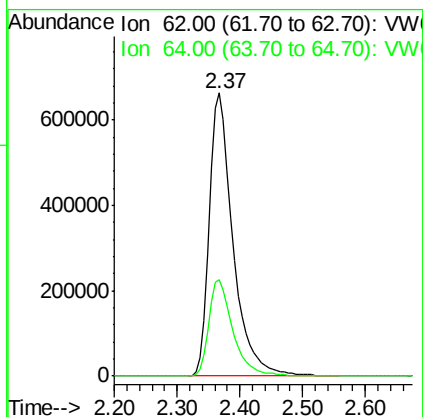
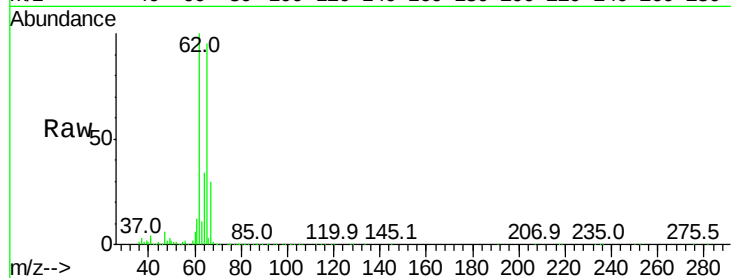
MSVOA_W

ClientSampleId :

VSTD10005

Tgt Ion: 62 Resp: 1727927

Ion	Ratio	Lower	Upper
62	100		
64	34.2	21.8	40.4



#6

Bromomethane

Concen: 82.359 ug/L

RT: 2.78 min Scan# 143

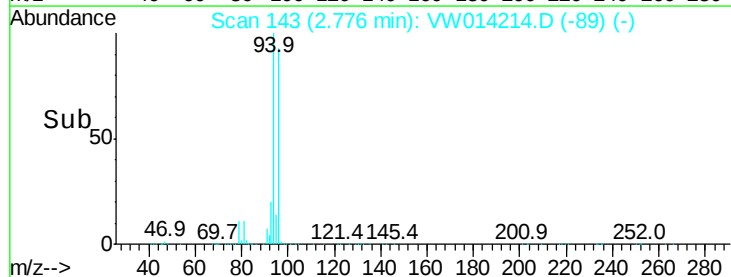
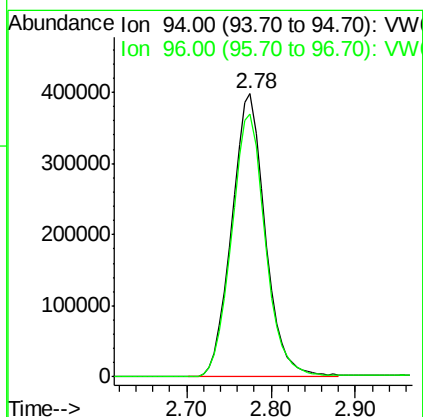
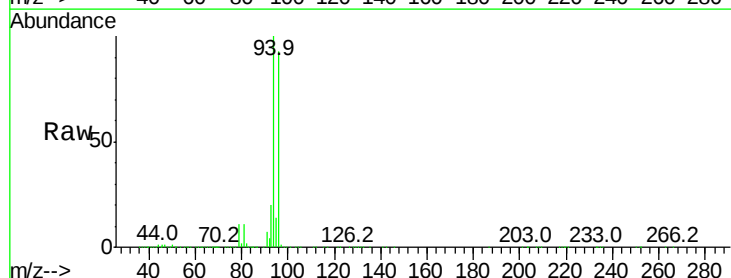
Delta R.T. -0.00 min

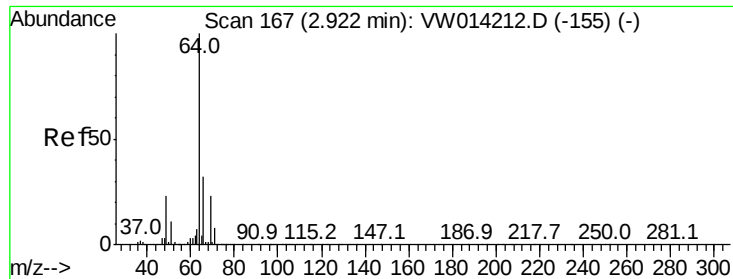
Lab File: VW014214.D

Acq: 05 Dec 2019 14:07

Tgt Ion: 94 Resp: 1069394

Ion	Ratio	Lower	Upper
94	100		
96	94.0	9.4	178.8





#8

Chloroethane

Concen: 83.148 ug/L

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW014214.D

Acq: 05 Dec 2019 14:07

Instrument :

MSVOA_W

ClientSampleId :

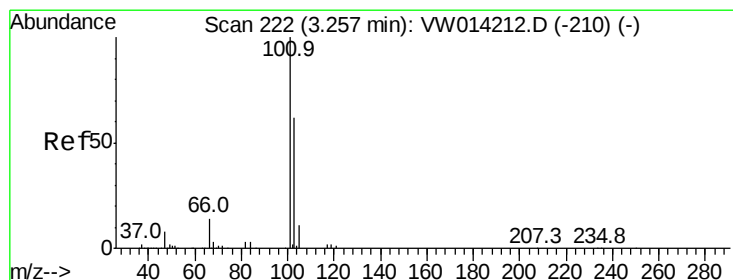
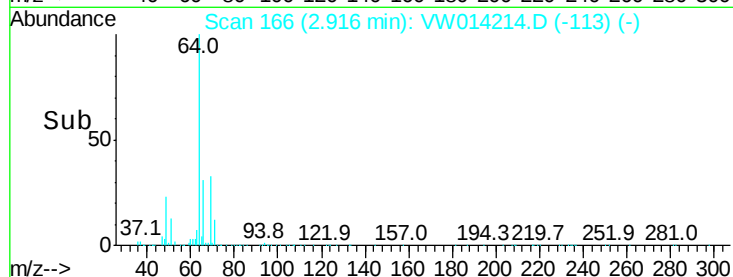
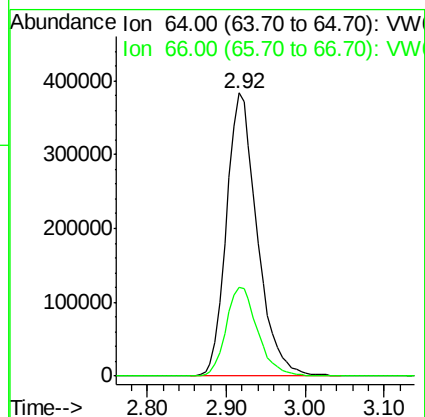
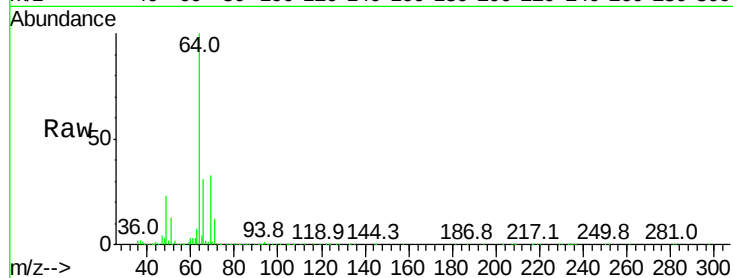
VSTD10005

Tgt Ion: 64 Resp: 1037264

Ion Ratio Lower Upper

64 100

66 31.5 21.2 39.4



#9

Trichlorofluoromethane

Concen: 62.762 ug/L

RT: 3.25 min Scan# 221

Delta R.T. -0.01 min

Lab File: VW014214.D

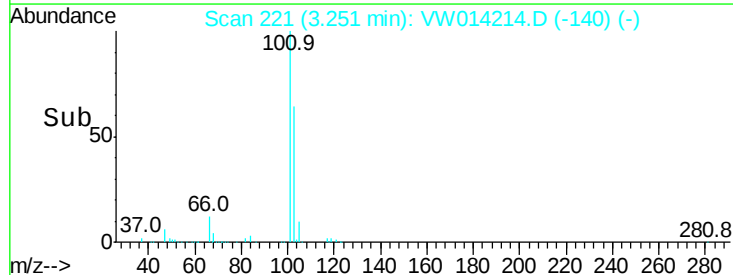
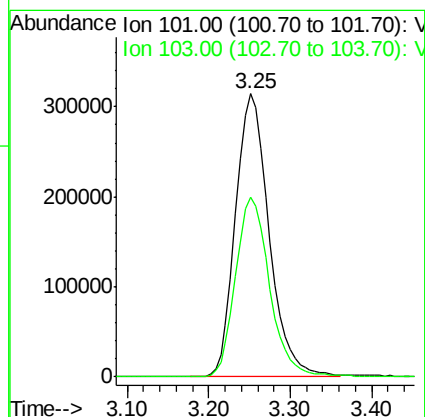
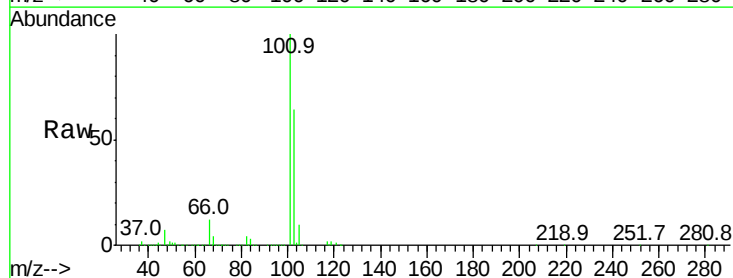
Acq: 05 Dec 2019 14:07

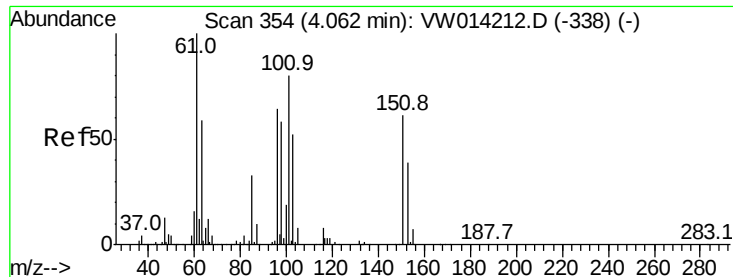
Tgt Ion: 101 Resp: 897551

Ion Ratio Lower Upper

101 100

103 64.5 45.4 84.2





#11

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

Concen: 76.956 ug/L

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW014214.D

Acq: 05 Dec 2019 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD10005

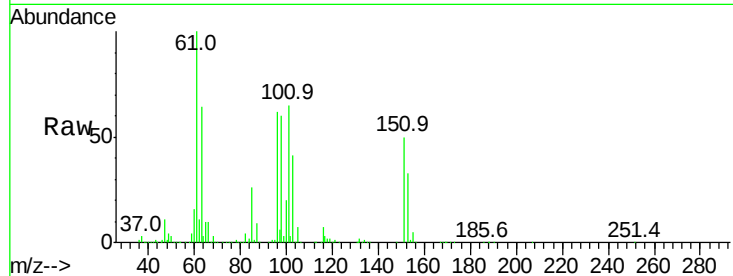
Tgt Ion:101 Resp: 1625026

Ion Ratio Lower Upper

101 100

85 40.9 31.4 47.2

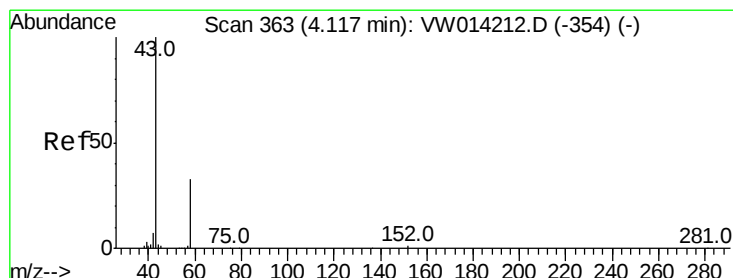
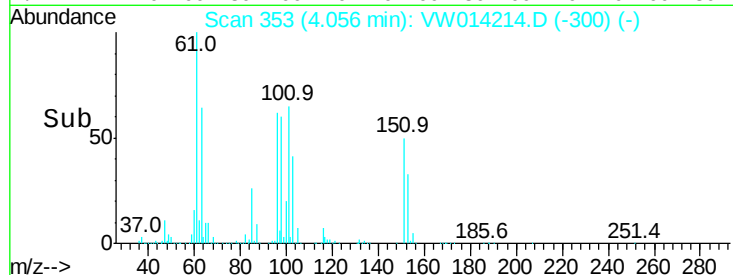
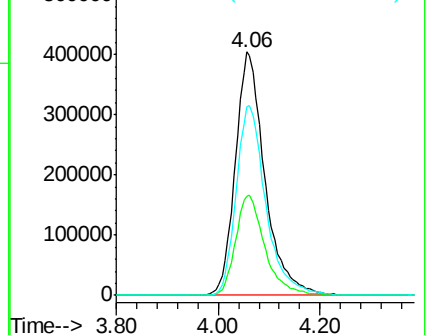
151 78.4 66.9 100.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 211.790 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW014214.D

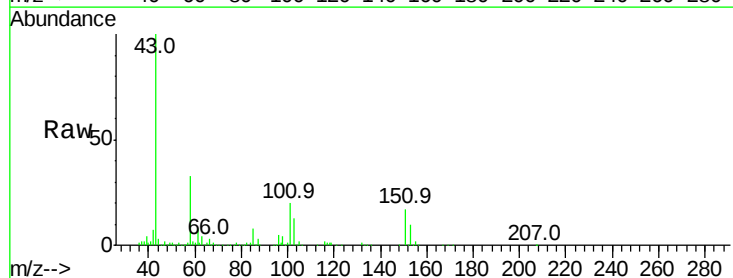
Acq: 05 Dec 2019 14:07

Tgt Ion: 43 Resp: 1270147

Ion Ratio Lower Upper

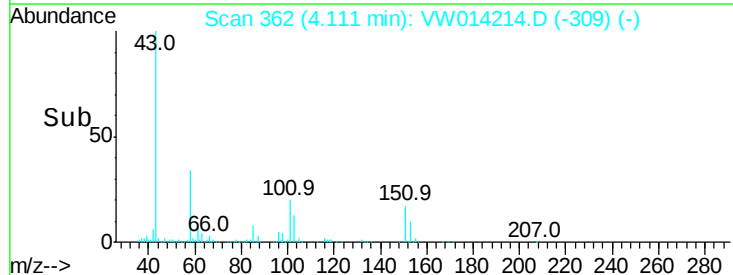
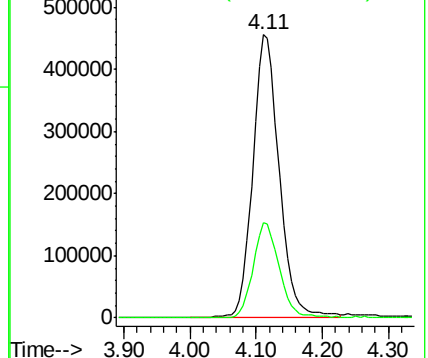
43 100

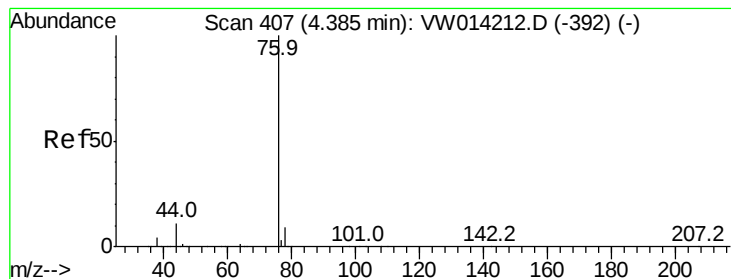
58 32.3 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#14

Carbon disulfide

Concen: 85.545 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

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Acq: 05 Dec 2019 14:07

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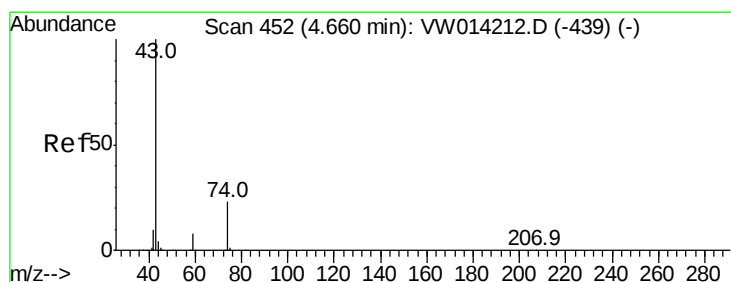
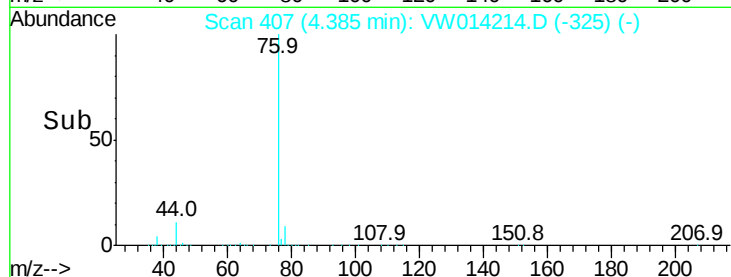
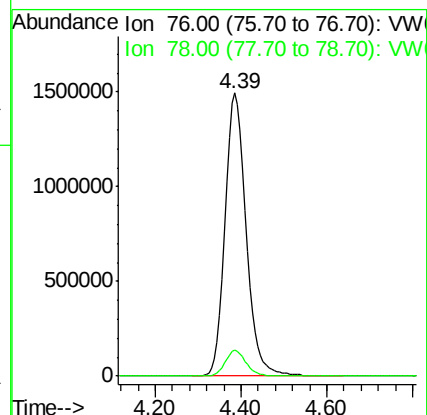
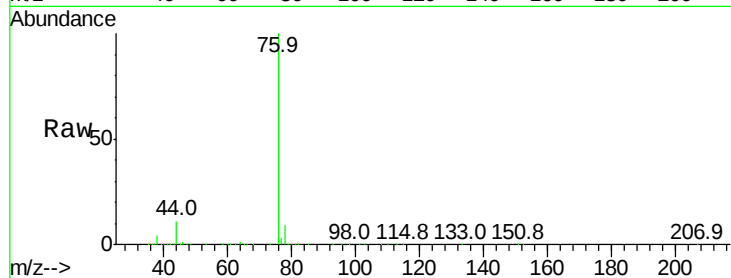
VSTD10005

Tgt Ion: 76 Resp: 5226190

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



#15

Methyl Acetate

Concen: 100.509 ug/L

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW014214.D

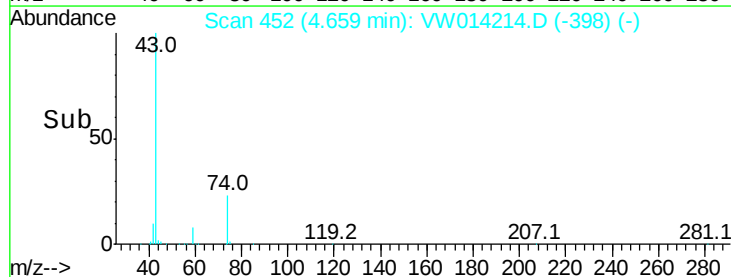
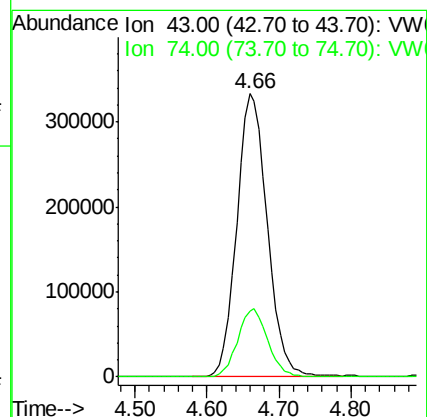
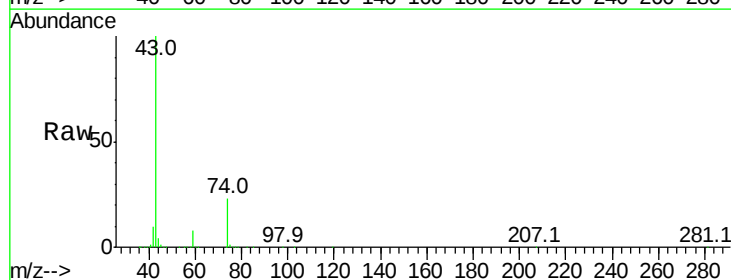
Acq: 05 Dec 2019 14:07

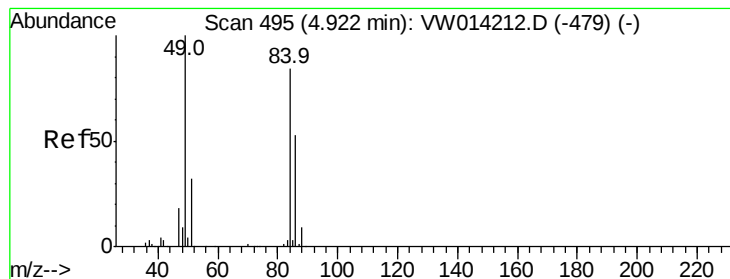
Tgt Ion: 43 Resp: 975268

Ion Ratio Lower Upper

43 100

74 23.8 19.3 28.9





#16

Methylene chloride

Concen: 74.707 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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Acq: 05 Dec 2019 14:07

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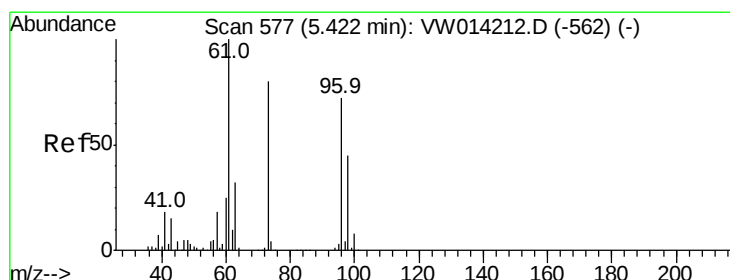
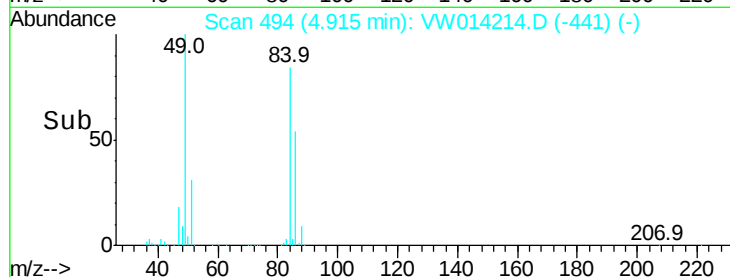
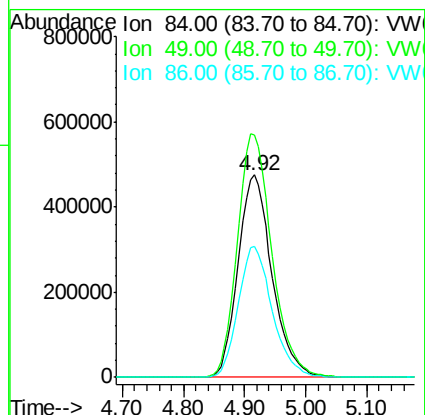
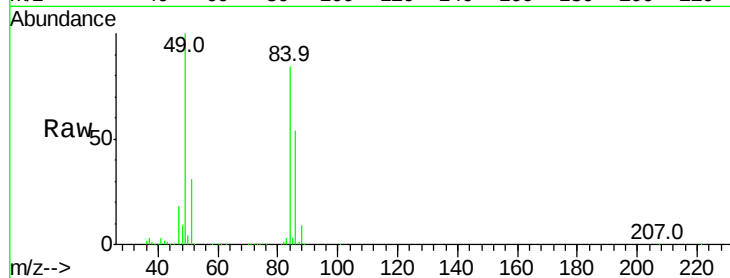
Tgt Ion: 84 Resp: 1828748

Ion Ratio Lower Upper

84 100

49 119.7 84.2 156.4

86 64.8 43.7 81.1



#17

Methyl tert-butyl Ether

Concen: 83.083 ug/L

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW014214.D

Acq: 05 Dec 2019 14:07

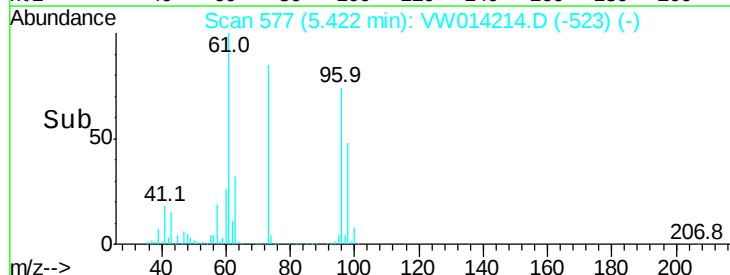
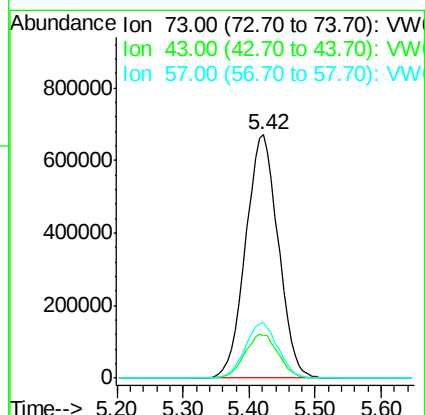
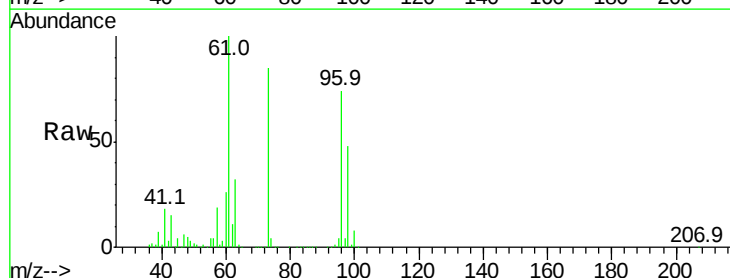
Tgt Ion: 73 Resp: 2300706

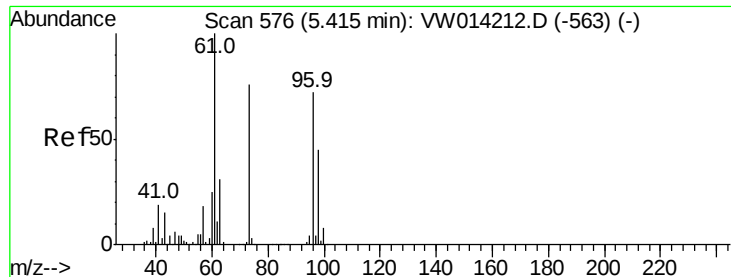
Ion Ratio Lower Upper

73 100

43 18.4 15.5 23.3

57 22.8 18.2 27.4

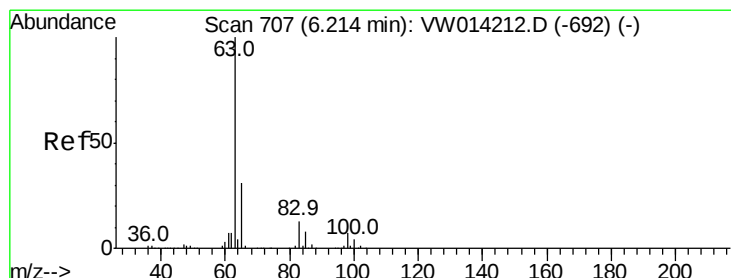
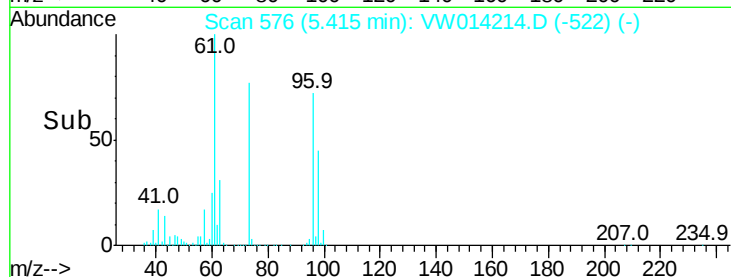
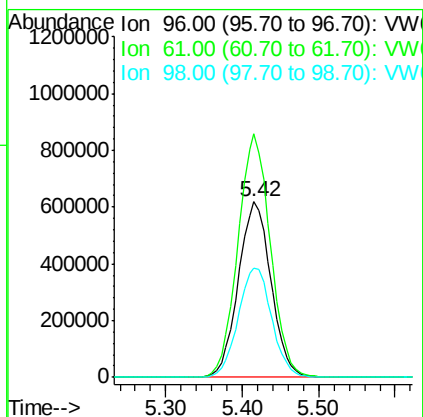
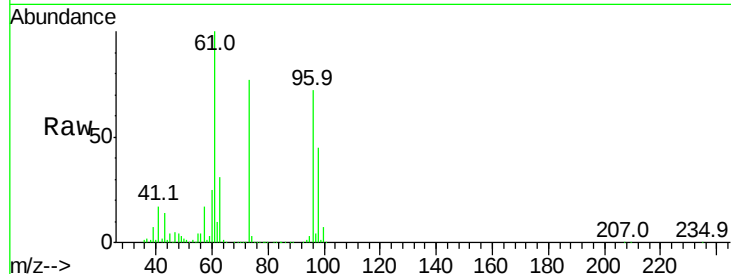




#18
trans-1,2-Dichloroethene
Concen: 82.079 ug/L
RT: 5.42 min Scan# 576
Delta R.T. -0.00 min
Lab File: VW014214.D
Acq: 05 Dec 2019 14:07

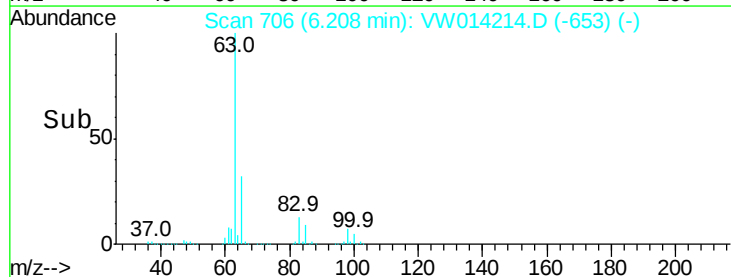
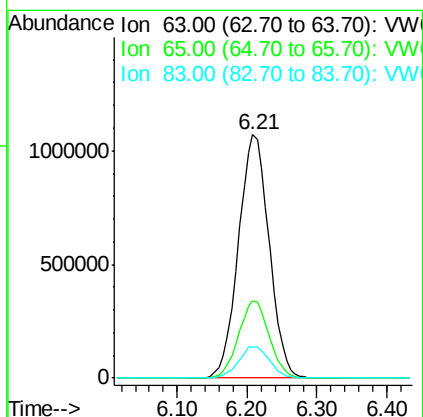
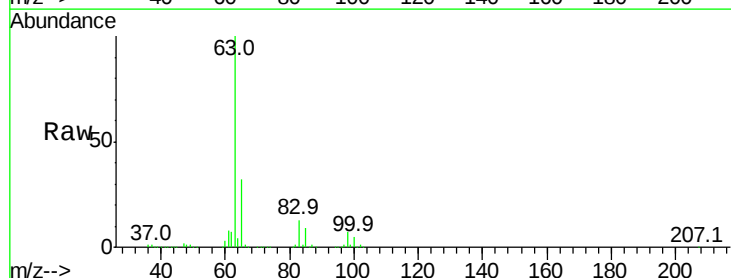
Instrument :
MSVOA_W
ClientSampleId :
VSTD10005

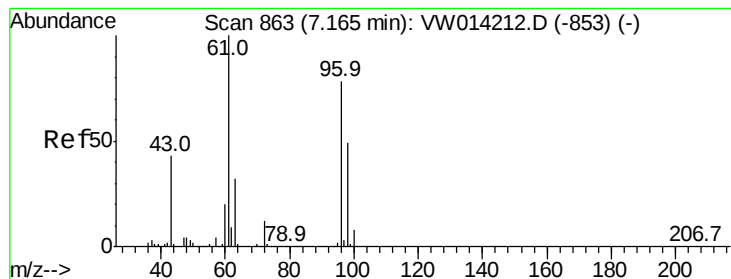
Tgt Ion: 96 Resp: 1837234
Ion Ratio Lower Upper
96 100
61 138.8 90.6 168.2
98 61.9 42.9 79.7



#19
1,1-Dichloroethane
Concen: 86.472 ug/L
RT: 6.21 min Scan# 706
Delta R.T. -0.01 min
Lab File: VW014214.D
Acq: 05 Dec 2019 14:07

Tgt Ion: 63 Resp: 3260262
Ion Ratio Lower Upper
63 100
65 31.6 22.1 41.1
83 13.0 9.0 16.6





#21

2-Butanone

Concen: 209.643 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014214.D

Acq: 05 Dec 2019 14:07

Instrument :

MSVOA_W

ClientSampleId :

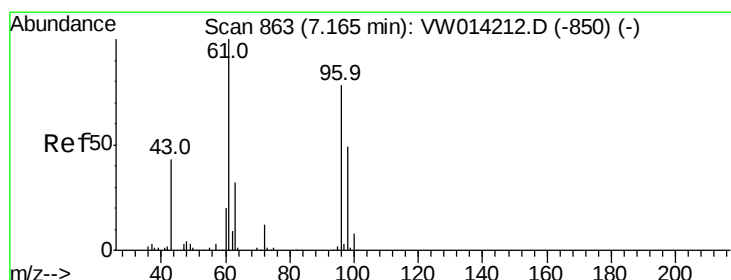
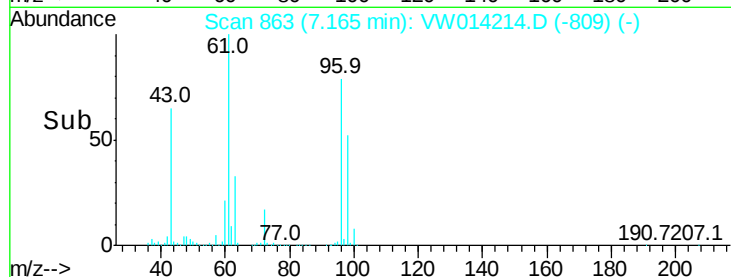
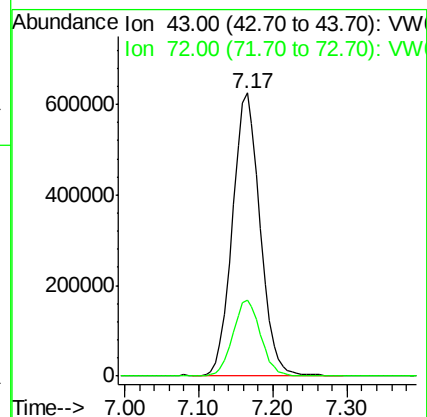
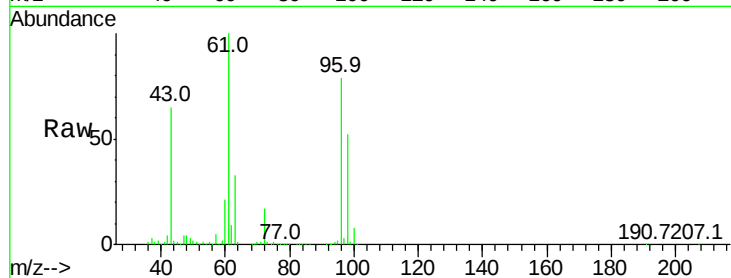
VSTD10005

Tgt Ion: 43 Resp: 1615268

Ion Ratio Lower Upper

43 100

72 27.2 14.1 42.2



#22

cis-1,2-Dichloroethene

Concen: 86.208 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014214.D

Acq: 05 Dec 2019 14:07

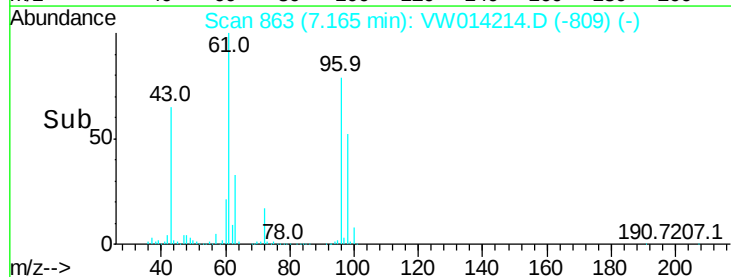
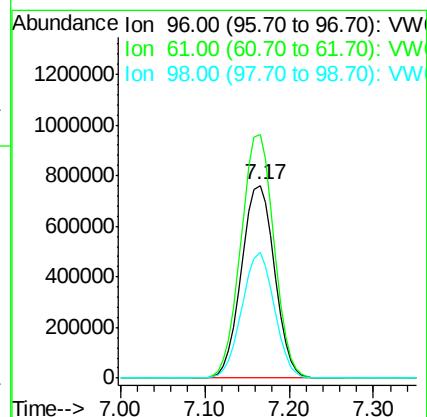
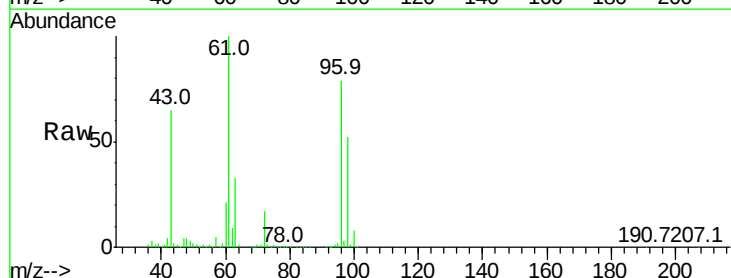
Tgt Ion: 96 Resp: 2030605

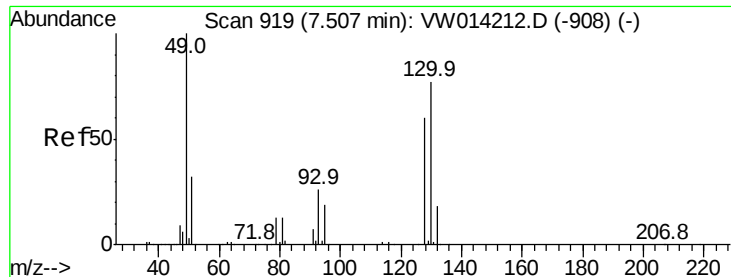
Ion Ratio Lower Upper

96 100

61 126.3 86.9 161.5

98 65.3 45.5 84.5





#23

Bromochloromethane

Concen: 86.351 ug/L

RT: 7.51 min Scan# 919

Delta R.T. -0.00 min

Lab File: VW014214.D

Acq: 05 Dec 2019 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD10005

Tgt Ion:128 Resp: 892838

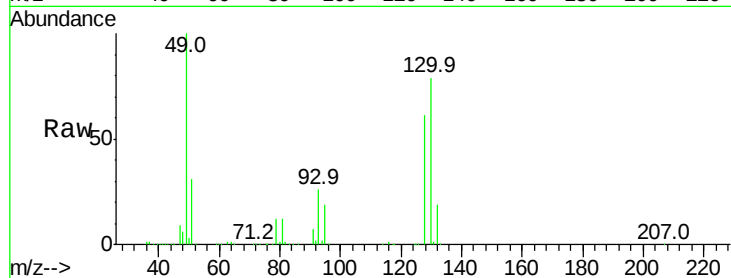
Ion Ratio Lower Upper

128 100

49 164.6 95.1 176.5

130 129.7 85.0 158.0

51 50.9 36.7 55.1

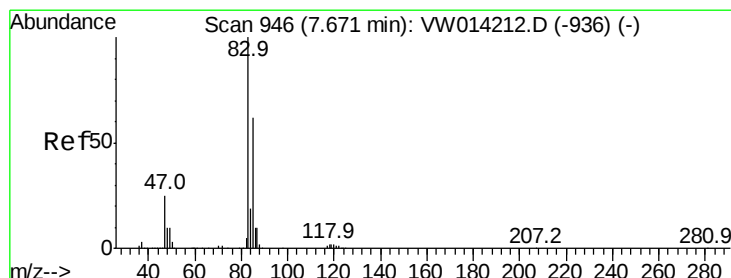
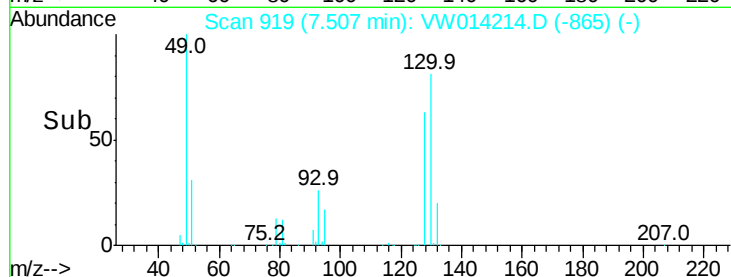
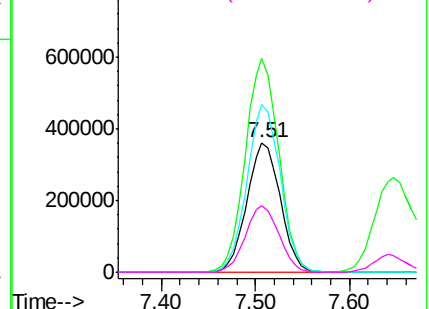


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VV

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VV



#25

Chloroform

Concen: 85.054 ug/L

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW014214.D

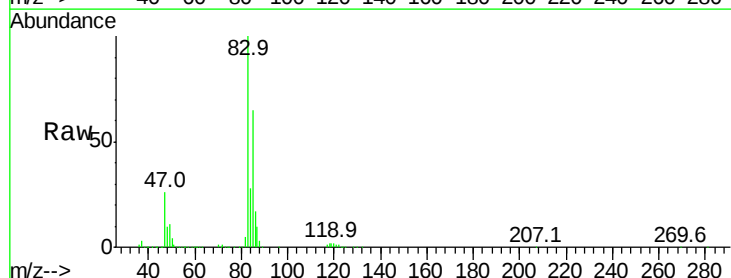
Acq: 05 Dec 2019 14:07

Tgt Ion: 83 Resp: 3149173

Ion Ratio Lower Upper

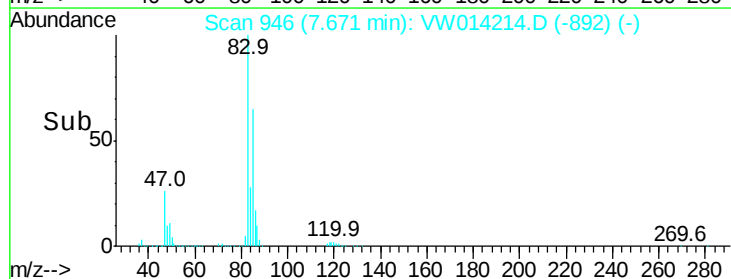
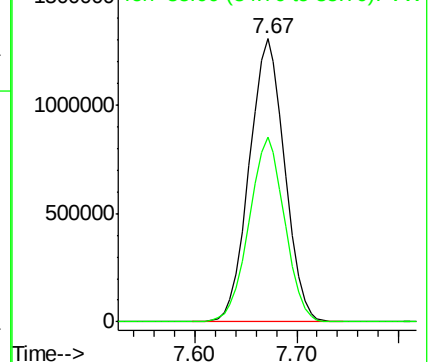
83 100

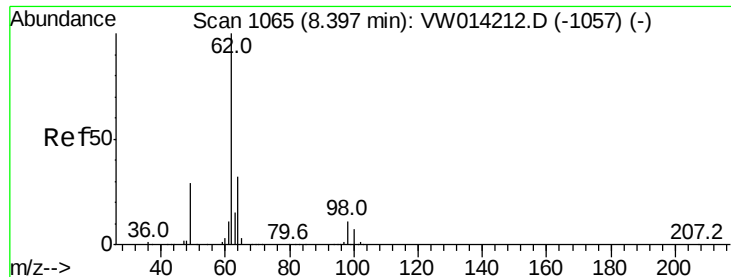
85 65.7 46.1 85.7



Abundance Ion 83.00 (82.70 to 83.70): VV

Ion 85.00 (84.70 to 85.70): VV





#27

1,2-Dichloroethane

Concen: 91.452 ug/L

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW014214.D

Acq: 05 Dec 2019 14:07

Instrument :

MSVOA_W

ClientSampled :

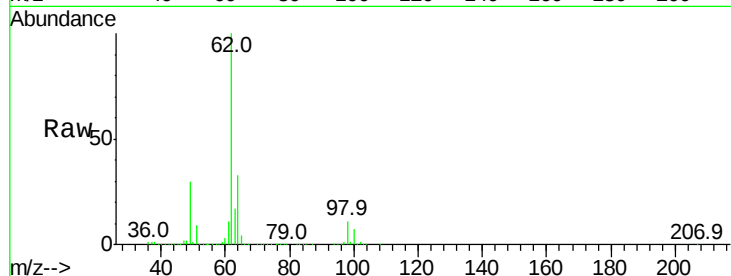
VSTD10005

Tgt Ion: 62 Resp: 2050020

Ion Ratio Lower Upper

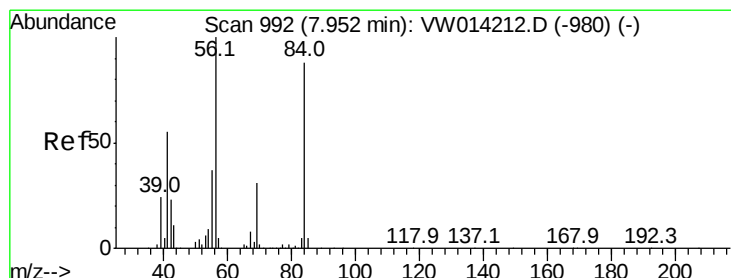
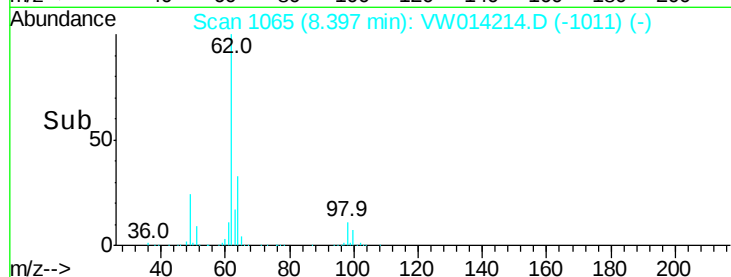
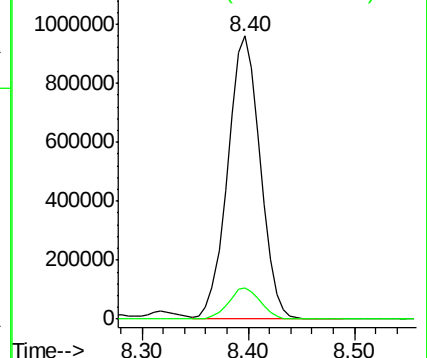
62 100

98 10.9 9.3 13.9



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW



#30

Cyclohexane

Concen: 81.255 ug/L

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW014214.D

Acq: 05 Dec 2019 14:07

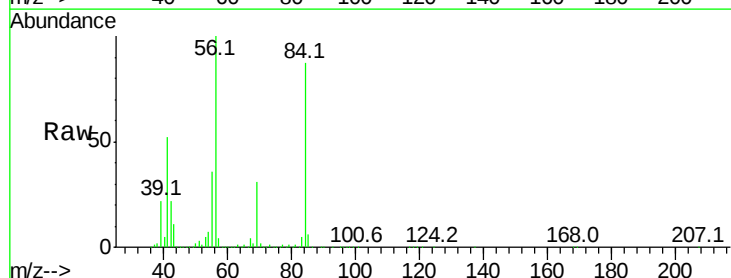
Tgt Ion: 56 Resp: 3078240

Ion Ratio Lower Upper

56 100

69 30.5 24.6 37.0

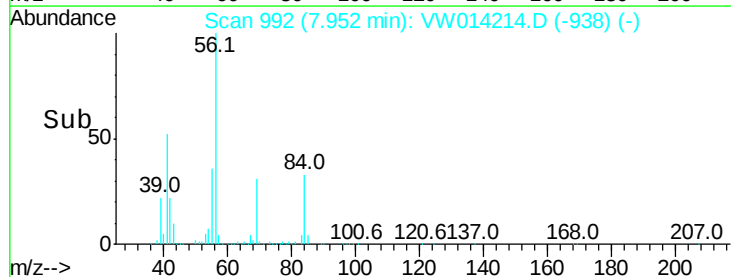
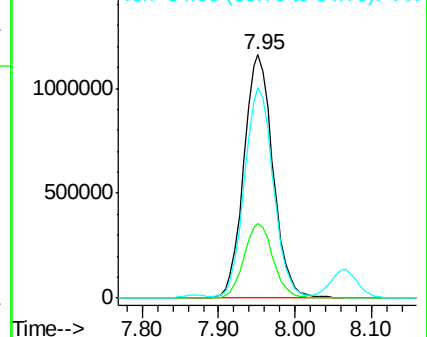
84 86.1 70.2 105.2

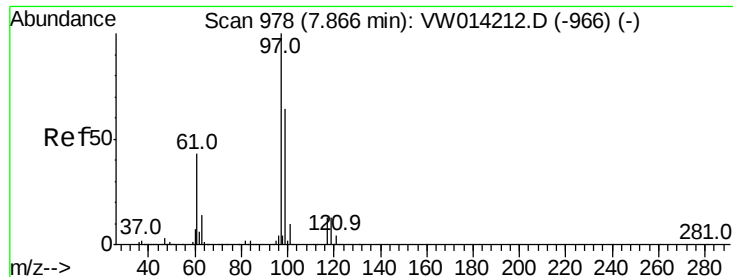


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW





#31

1,1,1-Trichloroethane

Concen: 77.963 ug/L

RT: 7.87 min Scan# 978

Delta R.T. -0.00 min

Lab File: VW014214.D

Acq: 05 Dec 2019 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD10005

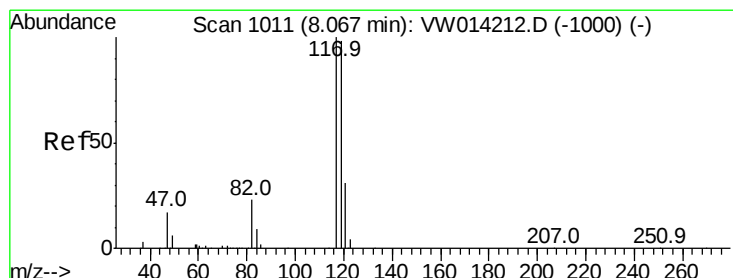
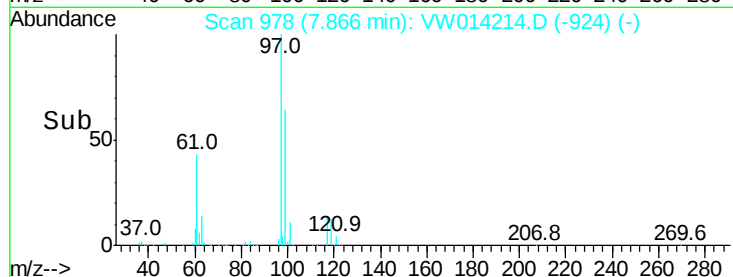
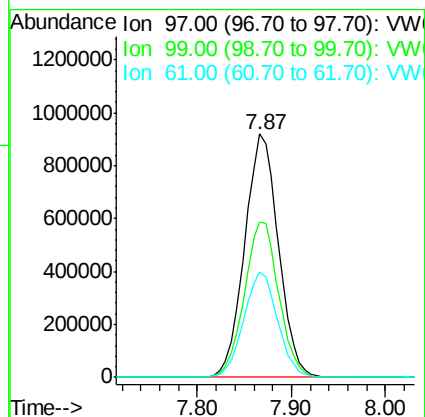
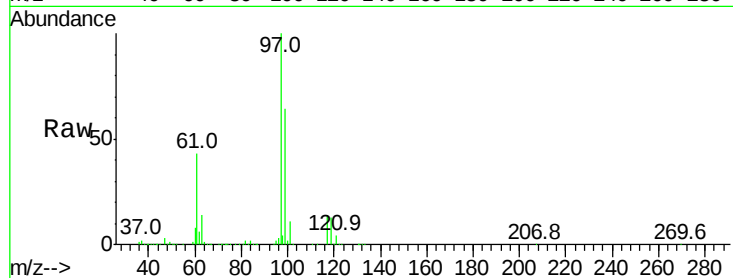
Tgt Ion: 97 Resp: 2312905

Ion Ratio Lower Upper

97 100

99 64.8 51.1 76.7

61 43.4 32.8 49.2



#32

Carbon tetrachloride

Concen: 78.079 ug/L

RT: 8.06 min Scan# 1010

Delta R.T. -0.01 min

Lab File: VW014214.D

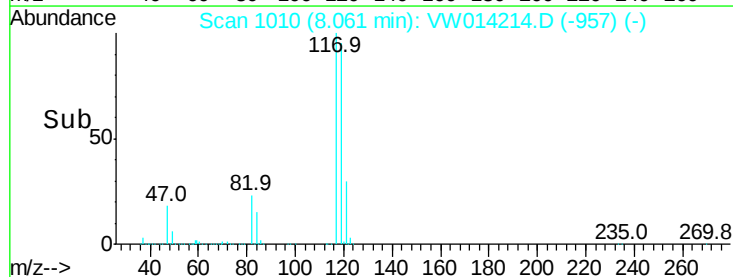
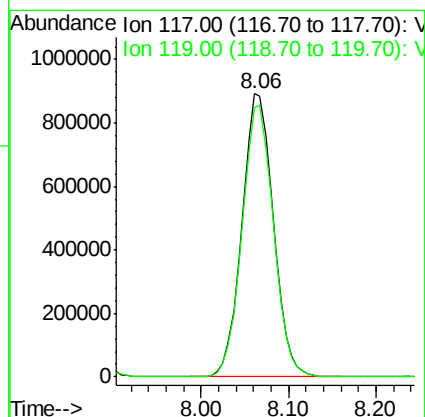
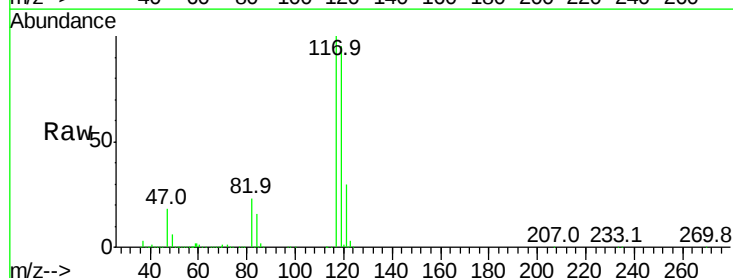
Acq: 05 Dec 2019 14:07

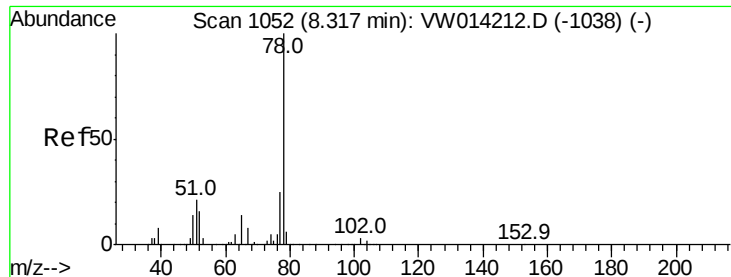
Tgt Ion: 117 Resp: 2223575

Ion Ratio Lower Upper

117 100

119 96.2 76.7 115.1





#34

Benzene

Concen: 83.573 ug/L

RT: 8.32 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VW014214.D

Acq: 05 Dec 2019 14:07

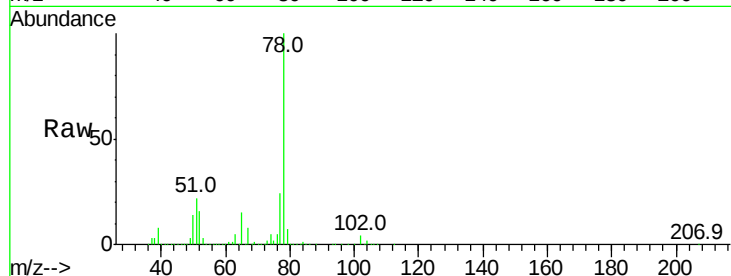
Instrument :

MSVOA_W

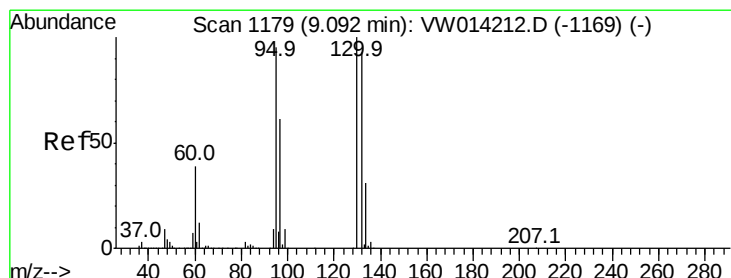
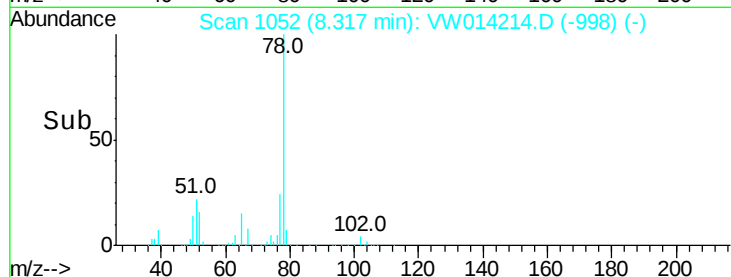
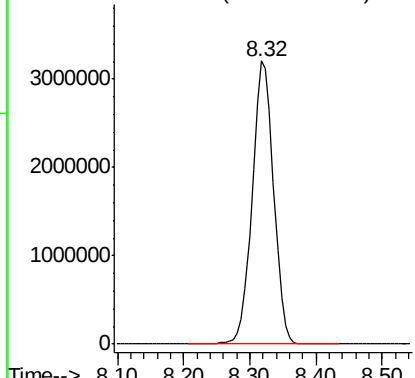
ClientSampleId :

VSTD10005

Tgt Ion: 78 Resp: 7256703



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 81.913 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW014214.D

Acq: 05 Dec 2019 14:07

Tgt Ion: 95 Resp: 1897286

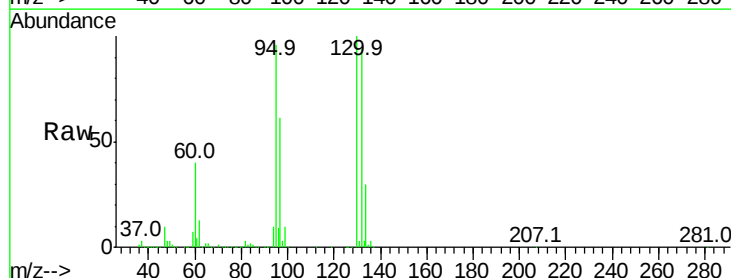
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.1	83.9
132	100.6	73.7	136.9
130	105.0	76.6	142.2

95 100

97 64.4 45.1 83.9

132 100.6 73.7 136.9

130 105.0 76.6 142.2

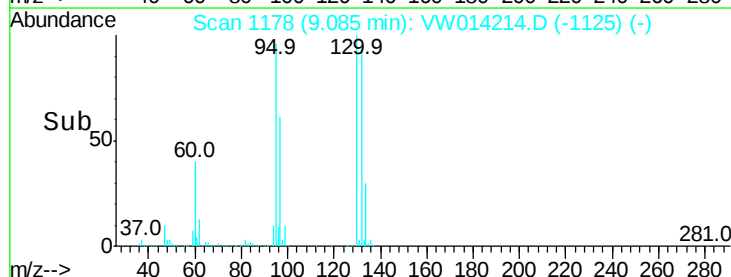
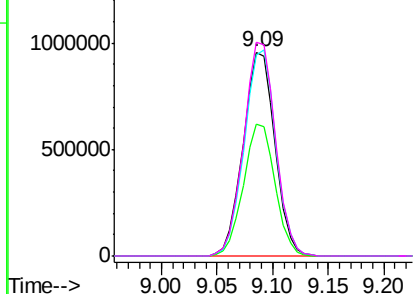


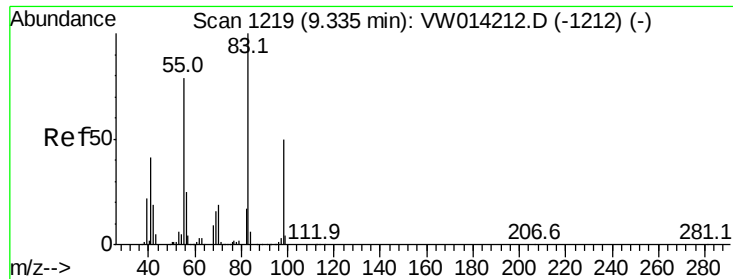
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

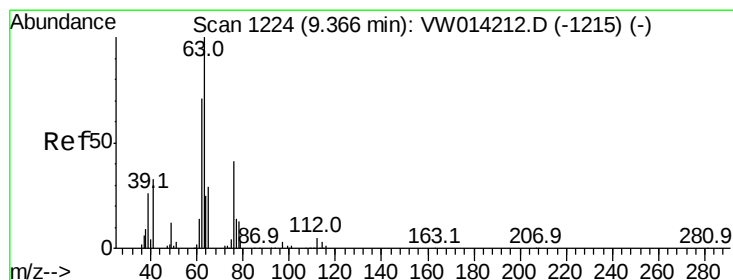
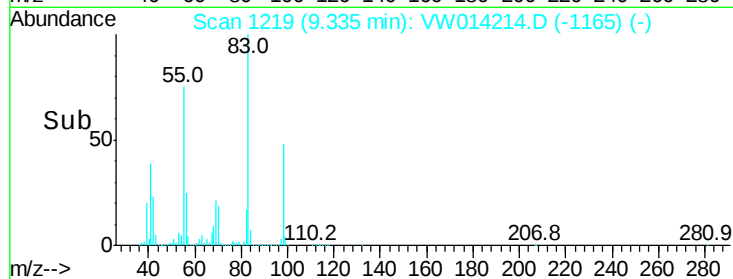
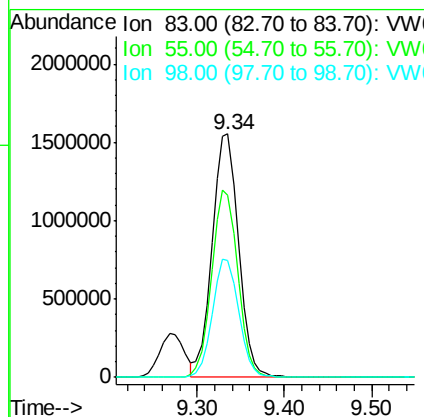
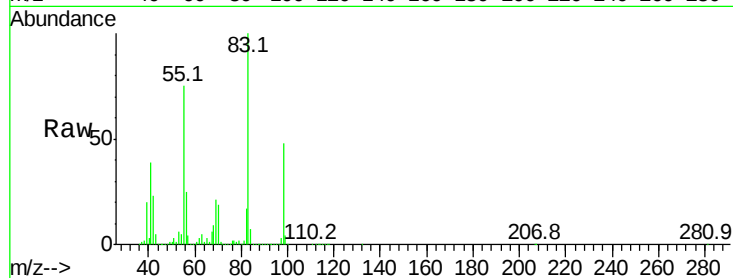




#36
Methylcyclohexane
Concen: 78.392 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW014214.D
Acq: 05 Dec 2019 14:07

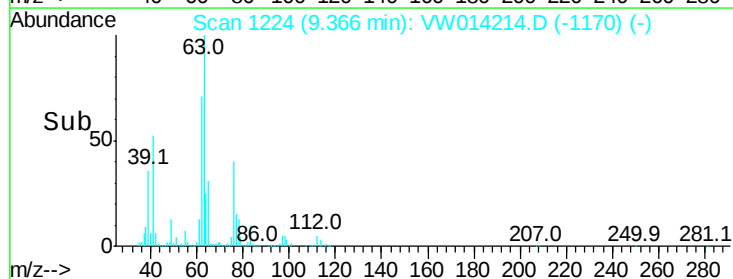
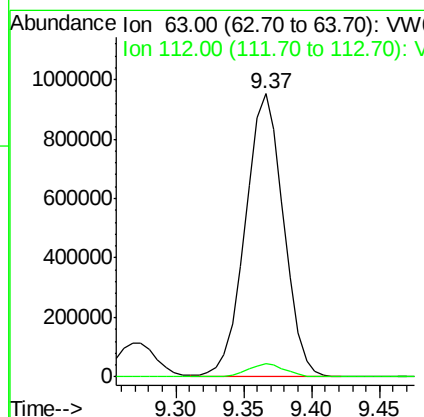
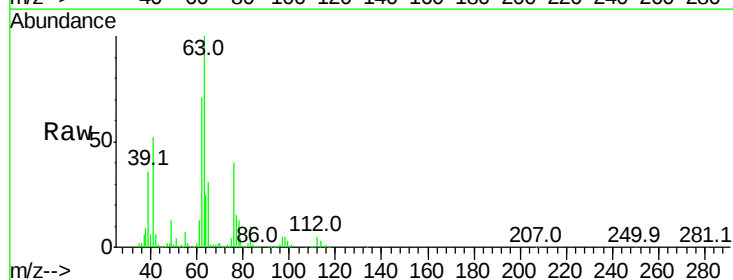
Instrument :
MSVOA_W
ClientSampleId :
VSTD10005

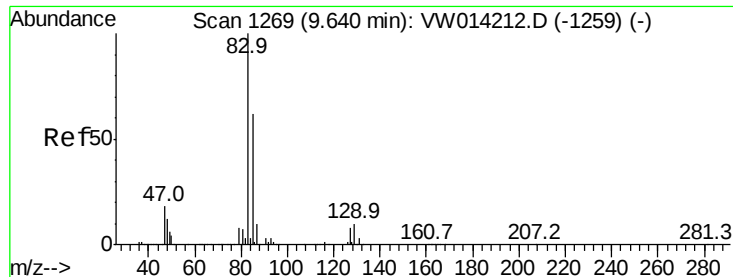
Tgt Ion: 83 Resp: 3255608
Ion Ratio Lower Upper
83 100
55 76.0 59.8 89.8
98 48.7 39.5 59.3



#40
1,2-Dichloropropane
Concen: 89.427 ug/L
RT: 9.37 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VW014214.D
Acq: 05 Dec 2019 14:07

Tgt Ion: 63 Resp: 1869258
Ion Ratio Lower Upper
63 100
112 4.6 3.9 5.9





#41

Bromodichloromethane

Concen: 93.457 ug/L

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW014214.D

Acq: 05 Dec 2019 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD10005

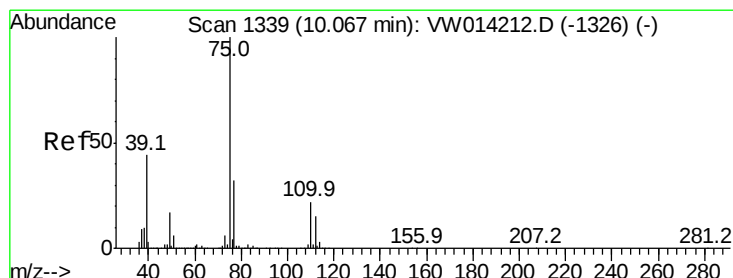
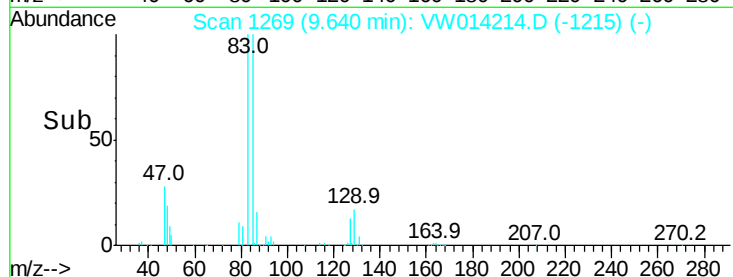
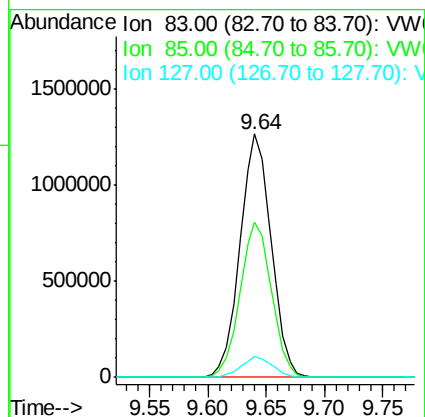
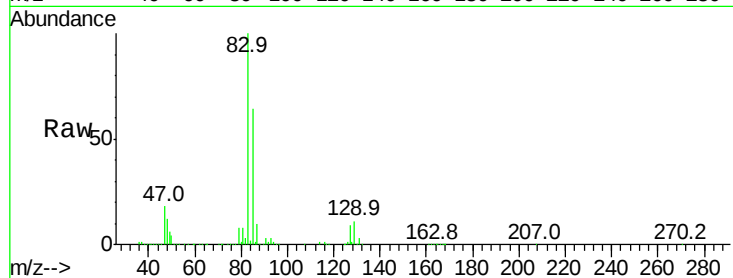
Tgt Ion: 83 Resp: 2361651

Ion Ratio Lower Upper

83 100

85 63.8 45.1 83.7

127 8.6 7.4 11.0



#42

cis-1,3-Dichloropropene

Concen: 94.281 ug/L

RT: 10.07 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VW014214.D

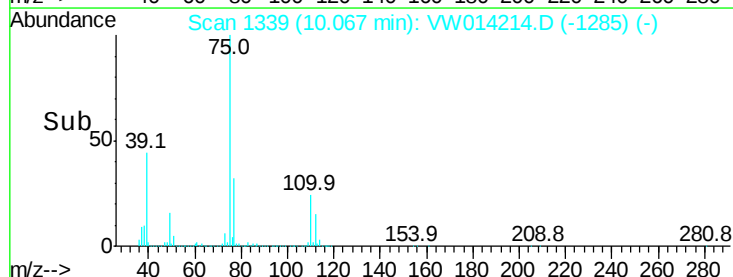
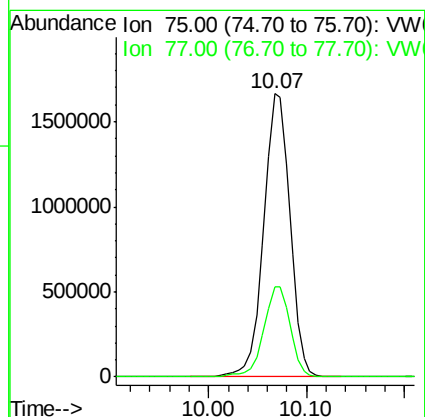
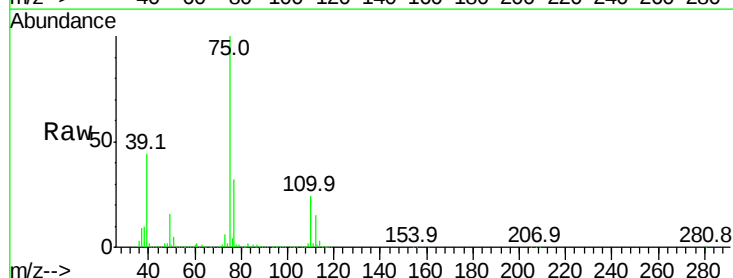
Acq: 05 Dec 2019 14:07

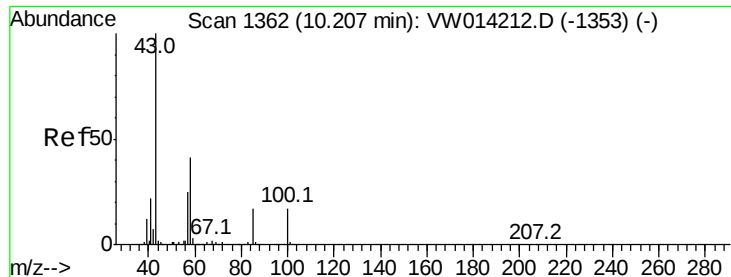
Tgt Ion: 75 Resp: 3109992

Ion Ratio Lower Upper

75 100

77 31.7 22.1 41.1

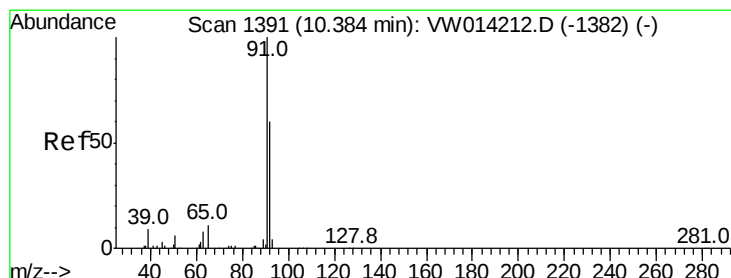
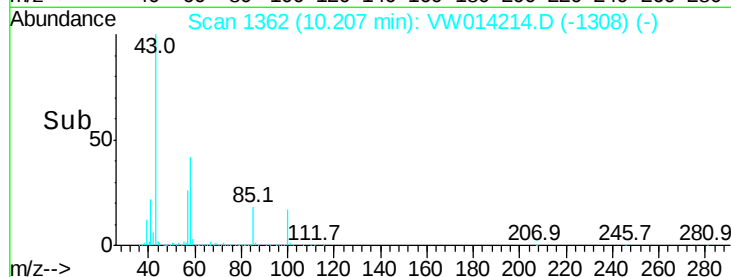
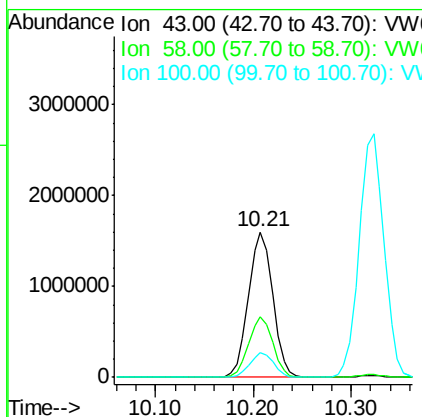
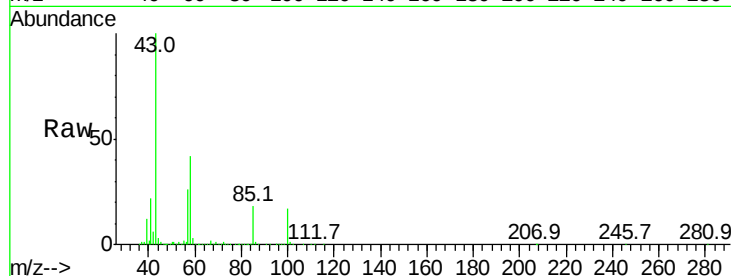




#43
4-Methyl-2-pentanone
Concen: 200.883 ug/L
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW014214.D
Acq: 05 Dec 2019 14:07

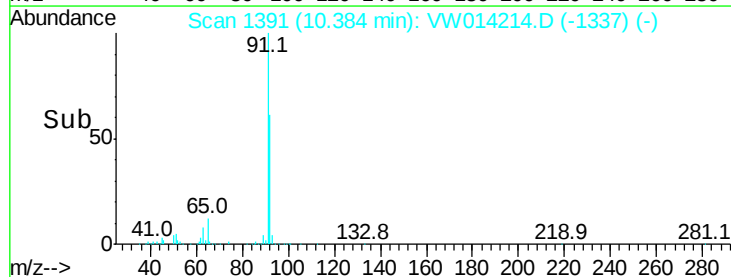
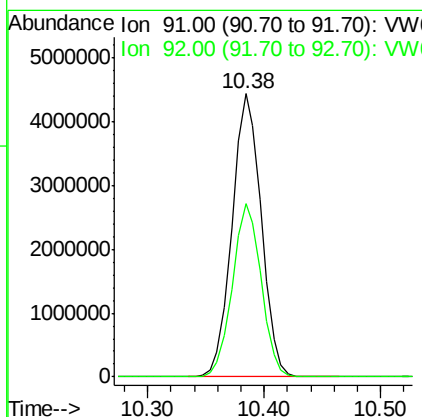
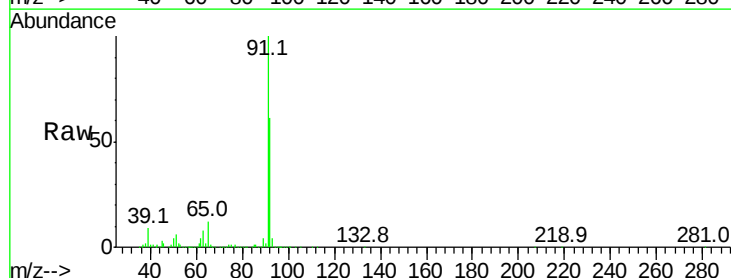
Instrument :
MSVOA_W
ClientSampleId :
VSTD10005

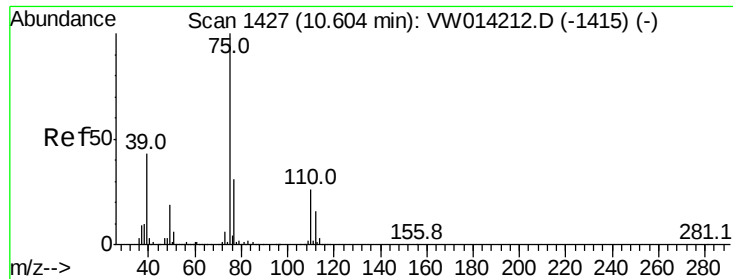
Tgt Ion: 43 Resp: 2772382
Ion Ratio Lower Upper
43 100
58 41.4 32.6 49.0
100 16.7 13.8 20.8



#44
Toluene
Concen: 81.620 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW014214.D
Acq: 05 Dec 2019 14:07

Tgt Ion: 91 Resp: 7726983
Ion Ratio Lower Upper
91 100
92 61.1 40.7 75.7





#45

trans-1,3-Dichloropropene

Concen: 96.055 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW014214.D

Acq: 05 Dec 2019 14:07

Instrument :

MSVOA_W

ClientSampleId :

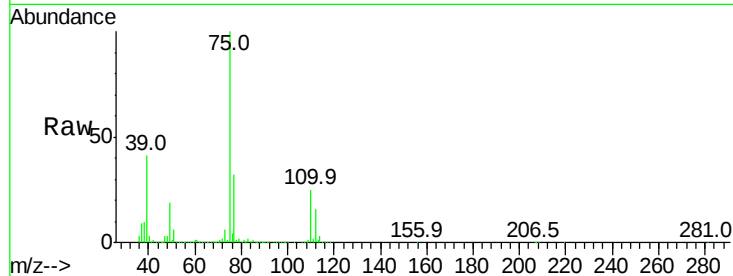
VSTD10005

Tgt Ion: 75 Resp: 2505602

Ion Ratio Lower Upper

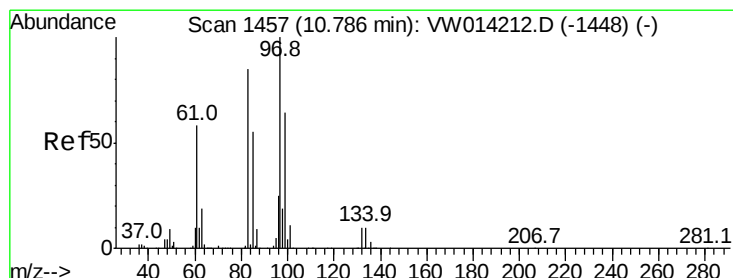
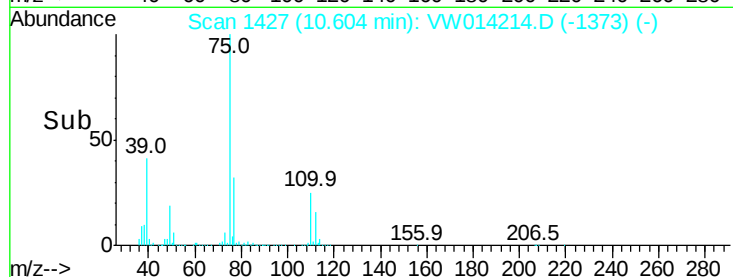
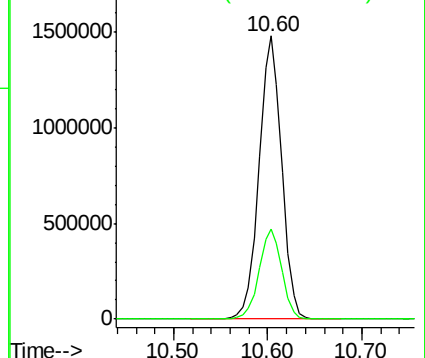
75 100

77 32.0 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#46

1,1,2-Trichloroethane

Concen: 93.859 ug/L

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW014214.D

Acq: 05 Dec 2019 14:07

Tgt Ion: 97 Resp: 1441535

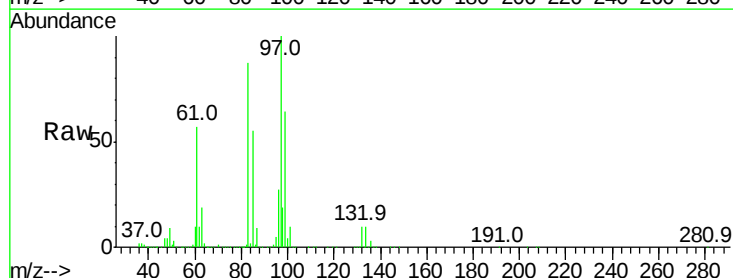
Ion Ratio Lower Upper

97 100

83 87.1 58.9 109.5

85 55.2 38.1 70.9

99 63.8 46.5 86.3



Abundance Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW

