

Data File : VW014872.D
Acq On : 05 Feb 2020 14:14
Operator : SY/VA
Sample : VSTD02515
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD02502

Quant Time: Feb 05 14:42:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 05 13:26:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	927287	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	826496	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	385342	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	392887	27.05	ug/L	0.00
7) Chloroethane-d5	2.89	69	314814	22.67	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	705978	22.88	ug/L	0.00
20) 2-Butanone-d5	7.07	46	233054	42.69	ug/L	0.00
24) Chloroform-d	7.65	84	650962	22.05	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	359917	21.69	ug/L	0.00
29) Benzene-d6	8.27	84	1338281	22.97	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	435971	22.83	ug/L	0.00
37) Toluene-d8	10.32	98	1202546	23.65	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	176609	23.36	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	182629	48.86	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	342560	23.02	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	374749	23.21	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	243956	20.890	ug/L	92
3) Chloromethane	2.21	50	350199	21.877	ug/L	99
5) Vinyl chloride	2.37	62	477177	29.655	ug/L	98
6) Bromomethane	2.78	94	232389	24.679	ug/L	99
8) Chloroethane	2.92	64	263877	25.258	ug/L	99
9) Trichlorofluoromethane	3.26	101	193397	20.644	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	350101	24.382	ug/L	99
12) 1,1-Dichloroethene	4.04	96	334016	24.665	ug/L	92
13) Acetone	4.12	43	210869	35.720	ug/L	100
14) Carbon disulfide	4.39	76	990251	24.092	ug/L	98
15) Methyl Acetate	4.67	43	195132	22.086	ug/L	100
16) Methylene chloride	4.92	84	374192	21.854	ug/L	99
17) Methyl tert-butyl Ether	5.42	73	452375	26.322	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	336479	24.212	ug/L	98
19) 1,1-Dichloroethane	6.21	63	678915	24.059	ug/L	97
21) 2-Butanone	7.17	43	277518	43.807	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	363554	25.310	ug/L	98
23) Bromochloromethane	7.51	128	149874	24.400	ug/L	97
25) Chloroform	7.67	83	626667	24.325	ug/L	100
27) 1,2-Dichloroethane	8.40	62	438652	24.371	ug/L	99
30) Cyclohexane	7.95	56	665184	26.629	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	487638	25.142	ug/L	100
32) Carbon tetrachloride	8.07	117	439239	24.930	ug/L	99
34) Benzene	8.32	78	1458763	25.206	ug/L	100
35) Trichloroethene	9.09	95	361564	25.297	ug/L	99
36) Methylcyclohexane	9.34	83	661880	26.440	ug/L	97
40) 1,2-Dichloropropane	9.37	63	390395	25.012	ug/L	100
41) Bromodichloromethane	9.64	83	447268	25.007	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	567841	26.136	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	559912	48.854	ug/L	99

Data File : VW014872.D
Acq On : 05 Feb 2020 14:14
Operator : SY/VA
Sample : VSTD02515
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD02502

Quant Time: Feb 05 14:42:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 05 13:26:01 2020
Response via : Initial Calibration

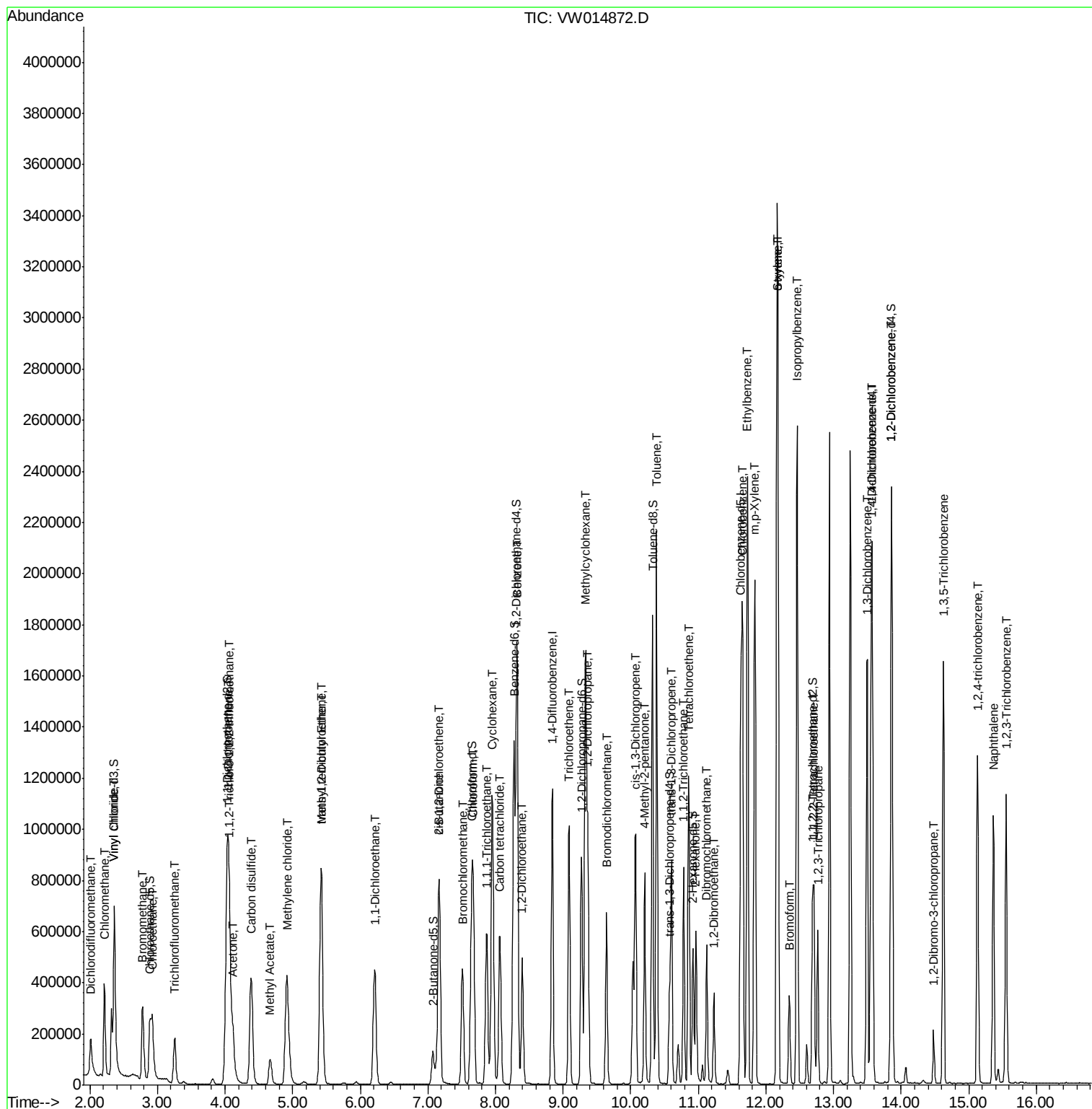
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	1518182	26.220	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	459879	25.722	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	260952	25.265	ug/L	98
47) Tetrachloroethene	10.86	164	263157	24.680	ug/L	99
49) 2-Hexanone	10.96	43	403964	51.083	ug/L	98
50) Dibromochloromethane	11.13	129	283291	25.512	ug/L	100
51) 1,2-Dibromoethane	11.23	107	242387	24.958	ug/L	98
52) Chlorobenzene	11.66	112	906899	25.674	ug/L	99
53) Ethylbenzene	11.73	91	1669989	26.618	ug/L	100
54) m,p-Xylene	11.83	106	617565	26.899	ug/L	98
55) o-xylene	12.16	106	583739	27.292	ug/L	100
56) Styrene	12.18	104	1000483	27.469	ug/L	99
57) Isopropylbenzene	12.46	105	1604961	27.749	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	336416	24.812	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	252764	24.351	ug/L	99
62) Bromoform	12.35	173	155506	24.414	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	669900	25.920	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	666403	25.580	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	613525	26.074	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	54721	23.827	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	495483	27.056	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	401735	28.079	ug/L	98
69) Naphthalene	15.36	128	842184	29.013	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	374384	28.316	ug/L	99

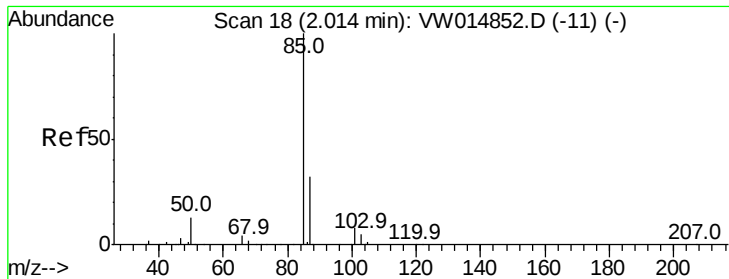
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW014872.D
Acq On : 05 Feb 2020 14:14
Operator : SY/VA
Sample : VSTD02515
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD02502

Quant Time: Feb 05 14:42:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 05 13:26:01 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 20.890 ug/L

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW014872.D

Acq: 05 Feb 2020 14:14

Instrument :

MSVOA_W

ClientSampleId :

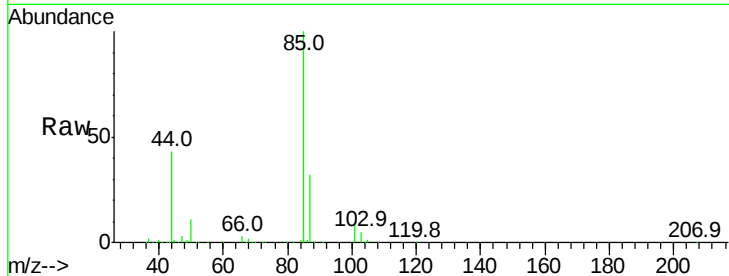
VSTD02502

Tgt Ion: 85 Resp: 243956

Ion Ratio Lower Upper

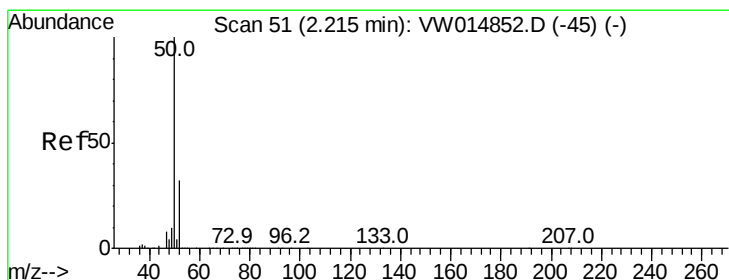
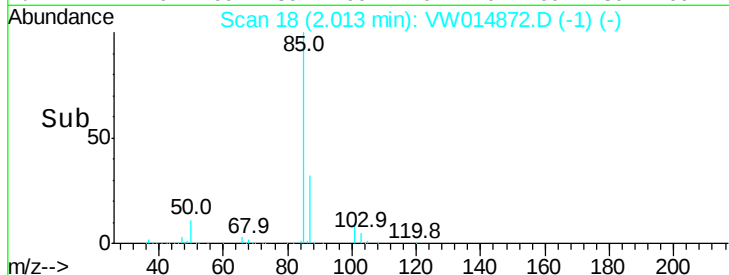
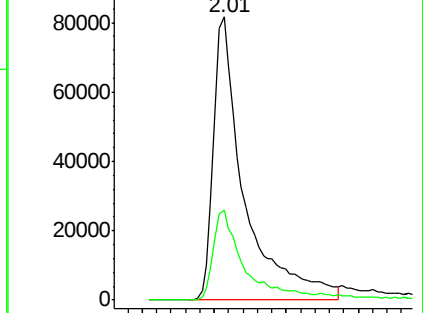
85 100

87 25.9 21.2 39.4



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 21.877 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW014872.D

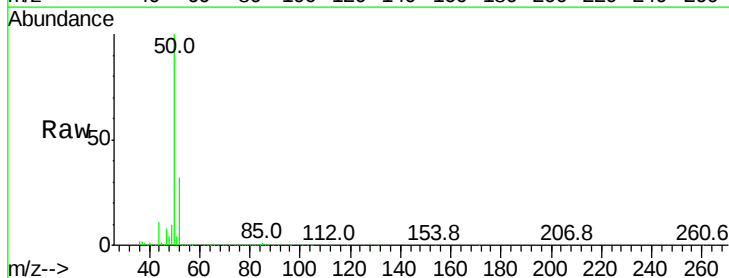
Acq: 05 Feb 2020 14:14

Tgt Ion: 50 Resp: 350199

Ion Ratio Lower Upper

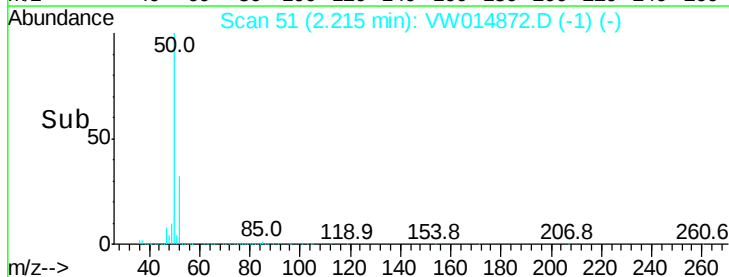
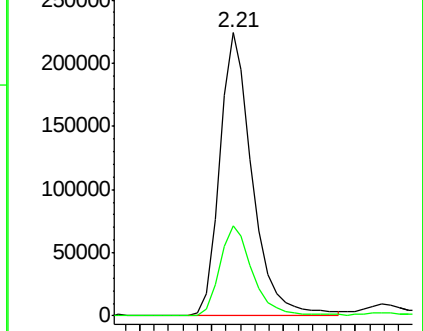
50 100

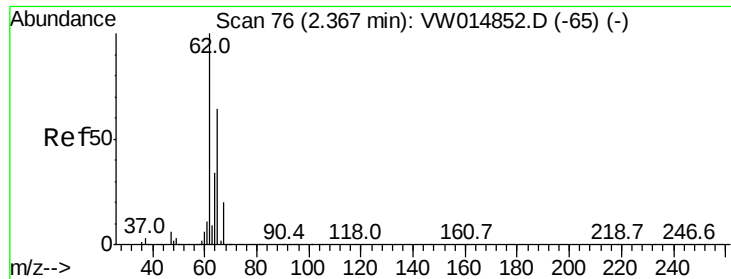
52 31.6 22.6 42.0



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 29.655 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW014872.D

Acq: 05 Feb 2020 14:14

Instrument :

MSVOA_W

ClientSampleId :

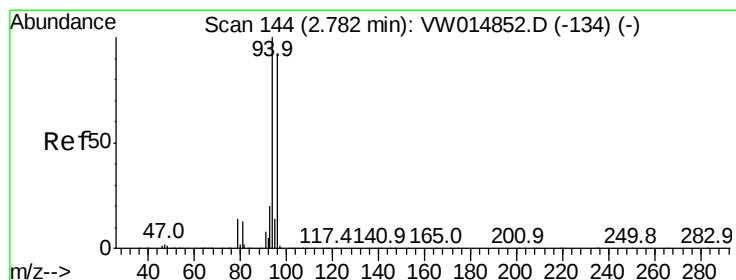
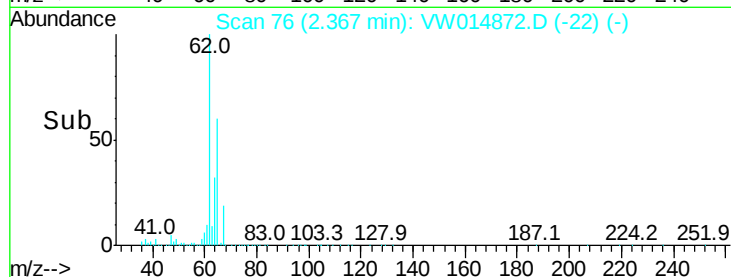
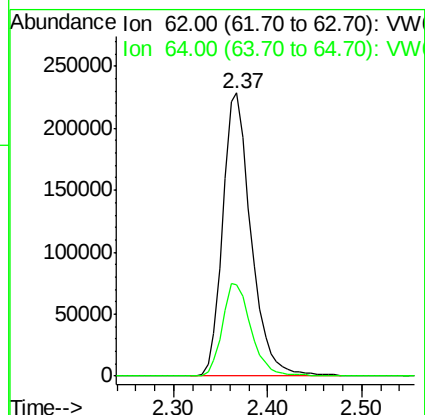
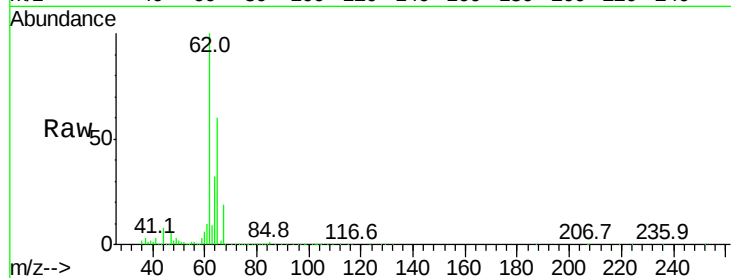
VSTD02502

Tgt Ion: 62 Resp: 477177

Ion Ratio Lower Upper

62 100

64 32.2 23.2 43.0



#6

Bromomethane

Concen: 24.679 ug/L

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW014872.D

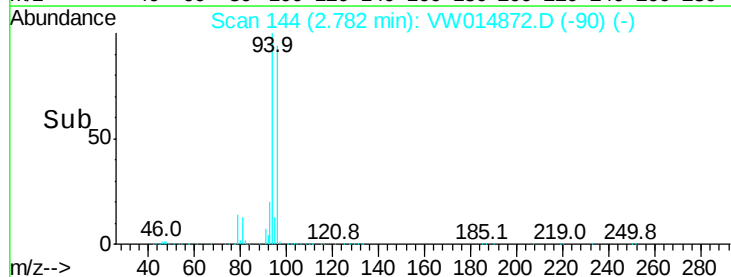
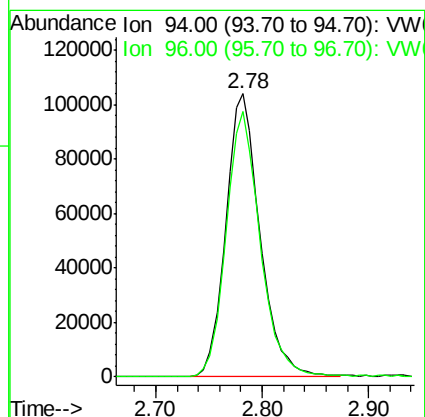
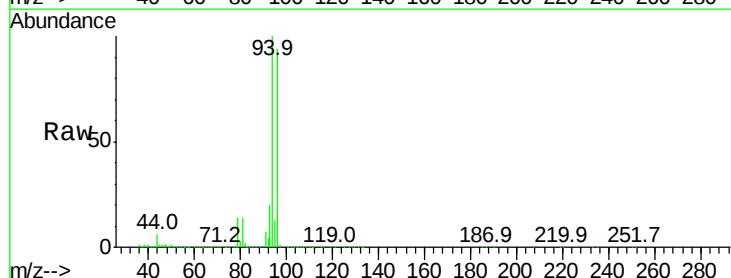
Acq: 05 Feb 2020 14:14

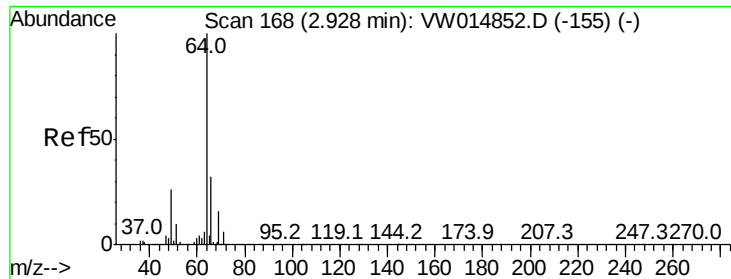
Tgt Ion: 94 Resp: 232389

Ion Ratio Lower Upper

94 100

96 93.7 9.5 179.9





#8

Chloroethane

Concen: 25.258 ug/L

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW014872.D

Acq: 05 Feb 2020 14:14

Instrument :

MSVOA_W

ClientSampleId :

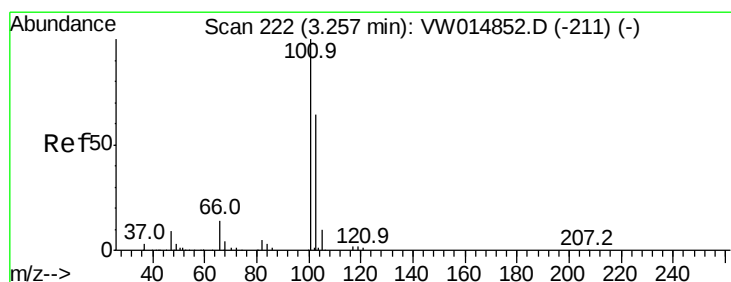
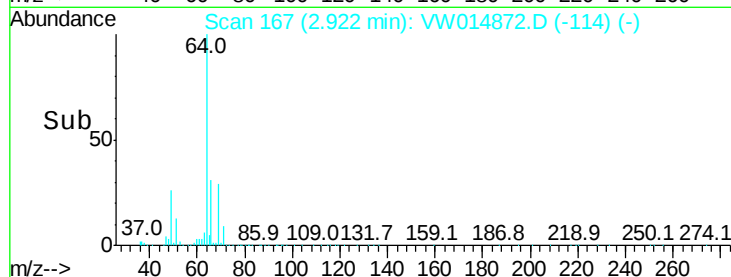
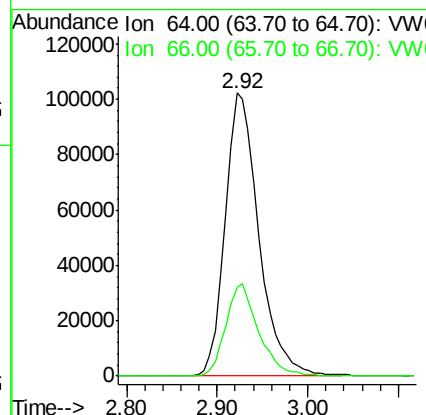
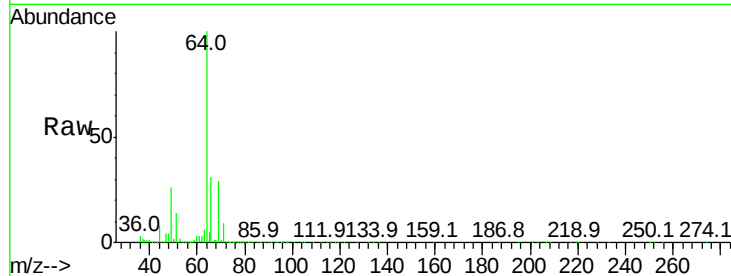
VSTD02502

Tgt Ion: 64 Resp: 263877

Ion Ratio Lower Upper

64 100

66 31.3 22.5 41.7



#9

Trichlorofluoromethane

Concen: 20.644 ug/L

RT: 3.26 min Scan# 222

Delta R.T. -0.00 min

Lab File: VW014872.D

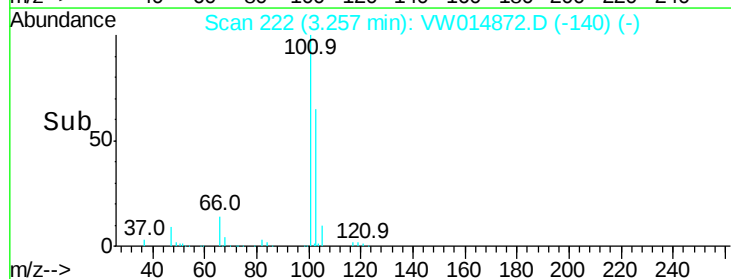
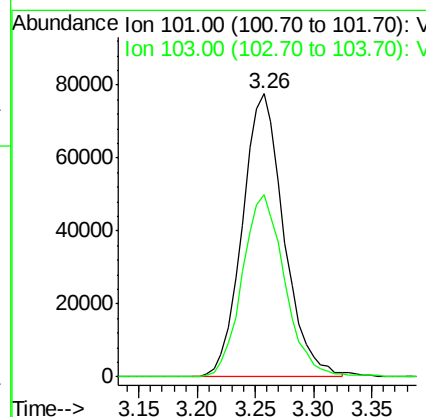
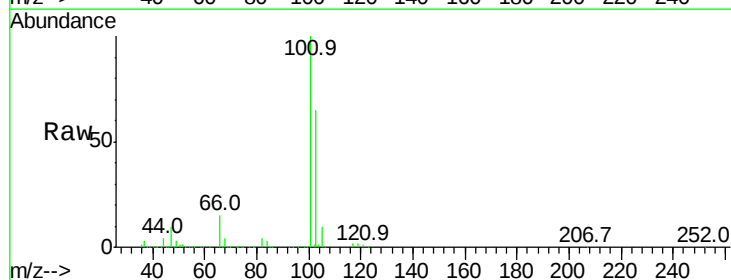
Acq: 05 Feb 2020 14:14

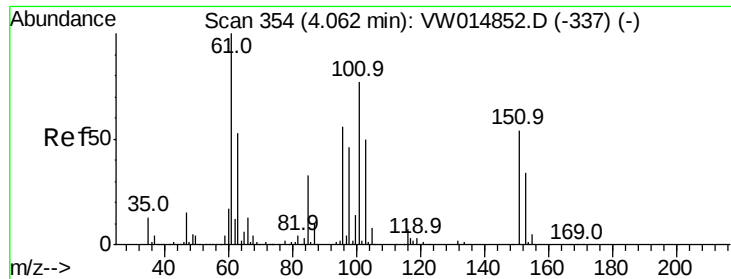
Tgt Ion: 101 Resp: 193397

Ion Ratio Lower Upper

101 100

103 65.4 45.4 84.4





#11

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

Concen: 24.382 ug/L

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW014872.D

Acq: 05 Feb 2020 14:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD02502

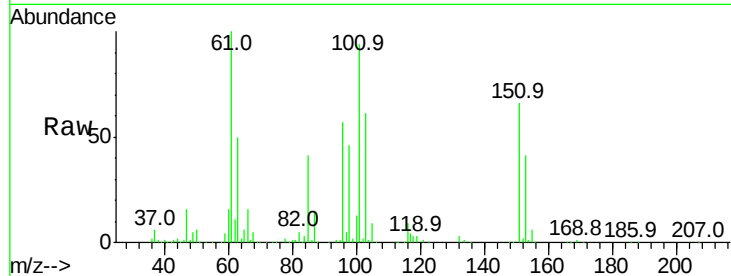
Tgt Ion: 101 Resp: 350101

Ion Ratio Lower Upper

101 100

85 43.5 34.9 52.3

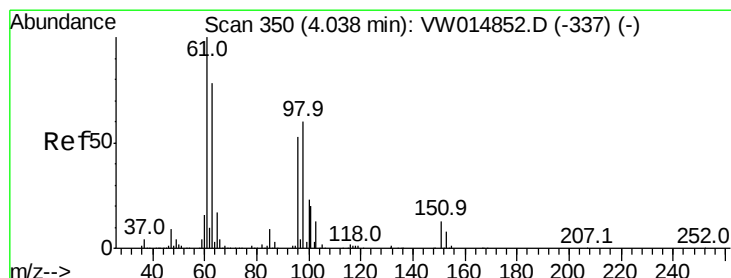
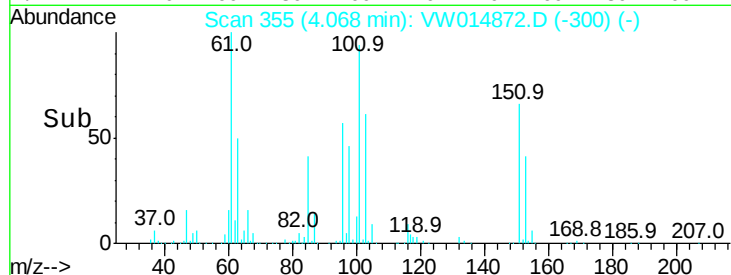
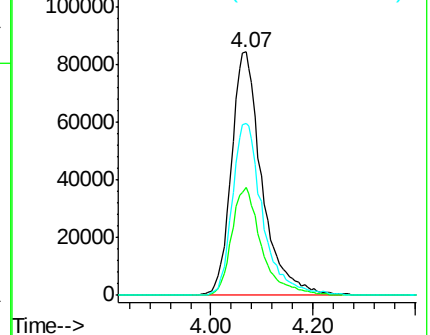
151 70.4 55.2 82.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 24.665 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW014872.D

Acq: 05 Feb 2020 14:14

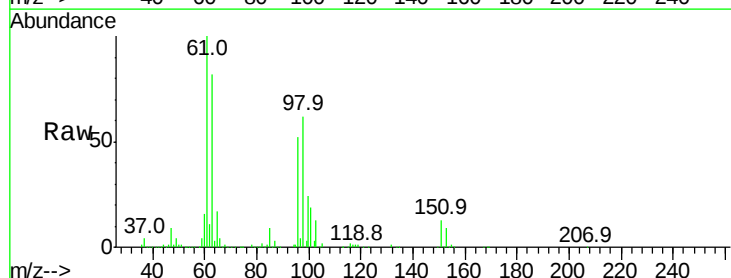
Tgt Ion: 96 Resp: 334016

Ion Ratio Lower Upper

96 100

61 192.4 131.5 244.3

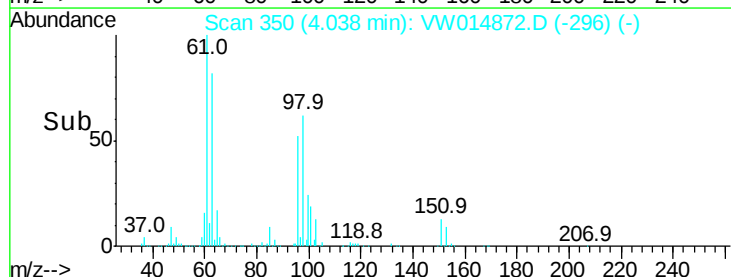
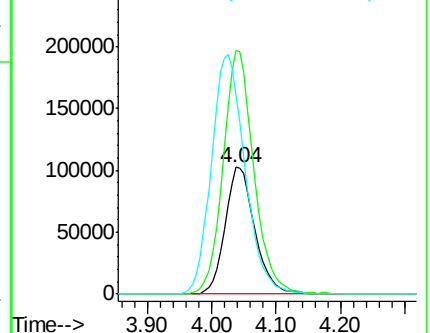
63 157.5 98.8 183.4

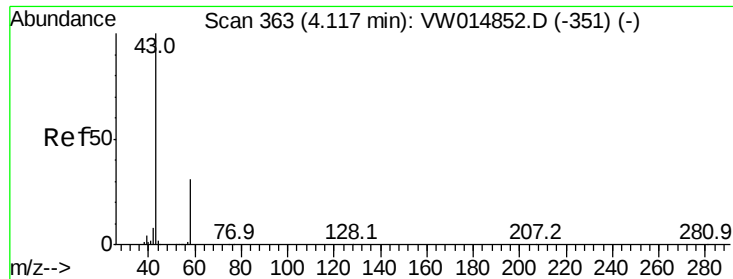


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 35.720 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014872.D

Acq: 05 Feb 2020 14:14

Instrument :

MSVOA_W

ClientSampleId :

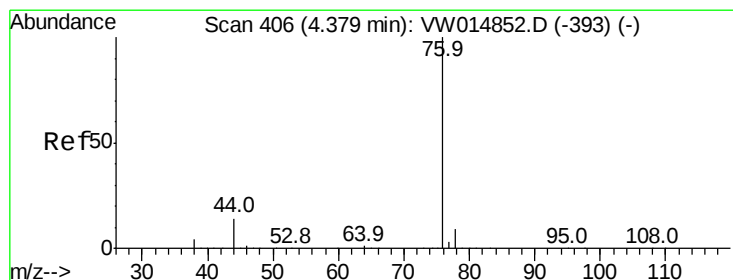
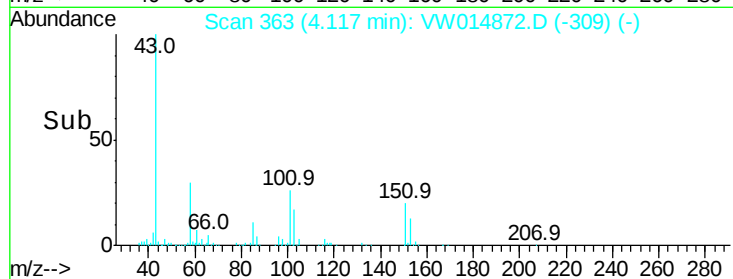
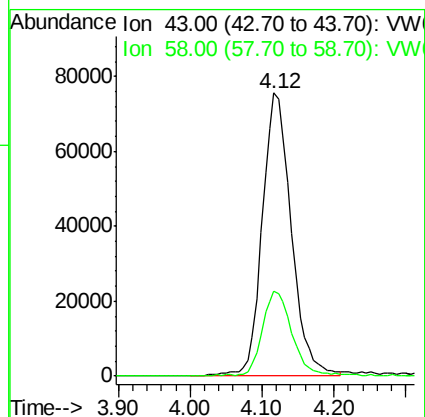
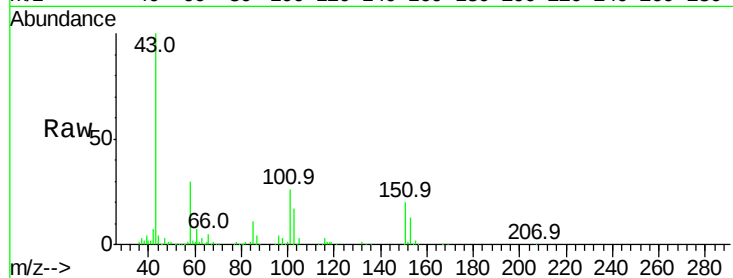
VSTD02502

Tgt Ion: 43 Resp: 210869

Ion Ratio Lower Upper

43 100

58 30.2 0.0 60.2



#14

Carbon disulfide

Concen: 24.092 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW014872.D

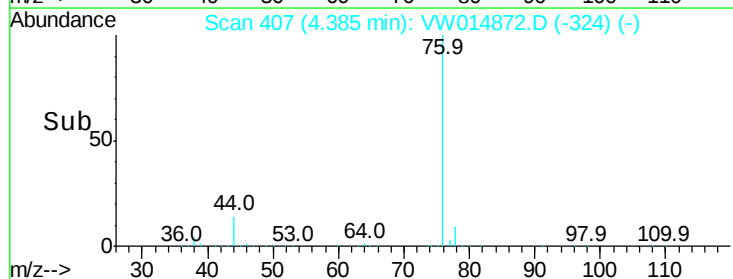
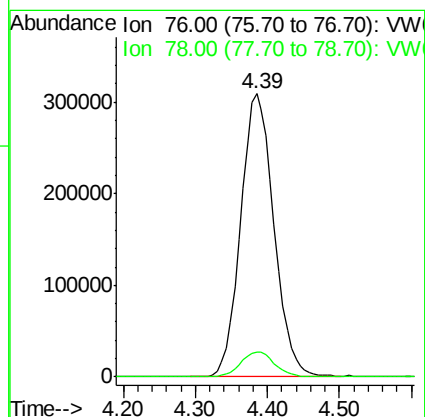
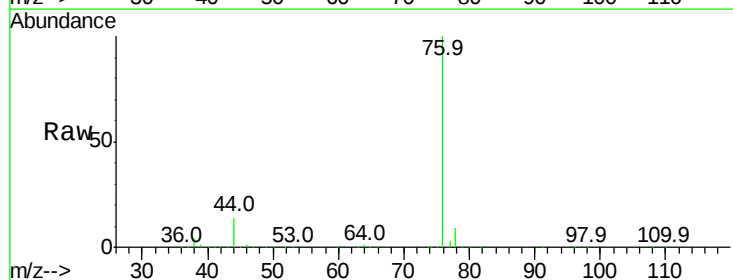
Acq: 05 Feb 2020 14:14

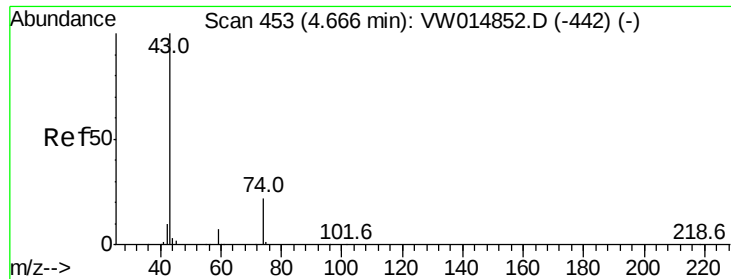
Tgt Ion: 76 Resp: 990251

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3

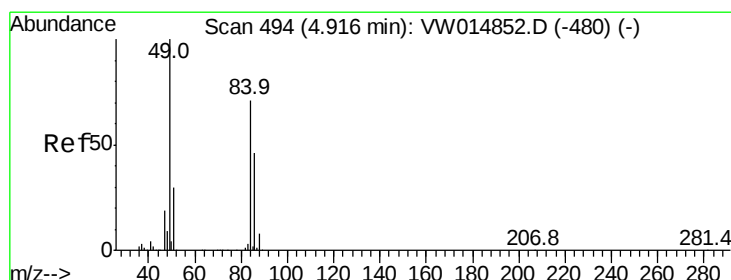
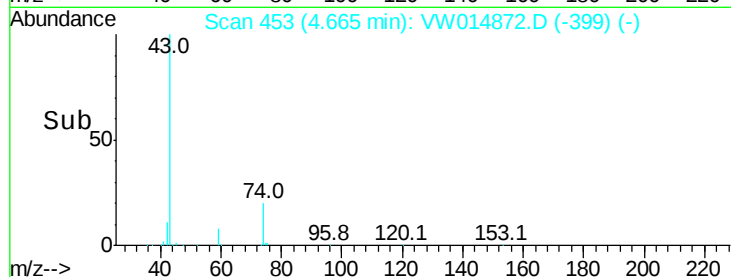
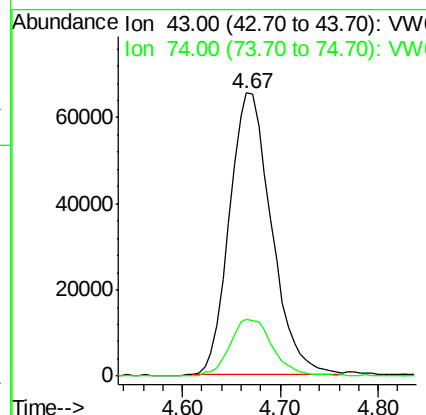
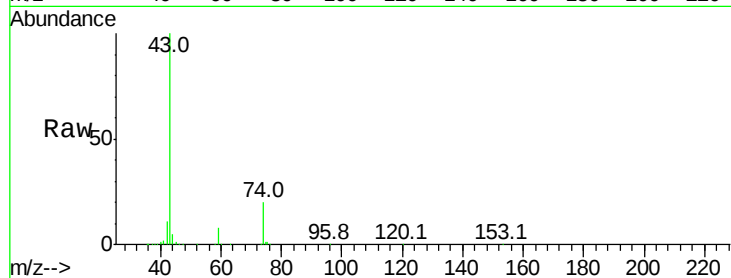




#15
Methyl Acetate
Concen: 22.086 ug/L
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW014872.D
Acq: 05 Feb 2020 14:14

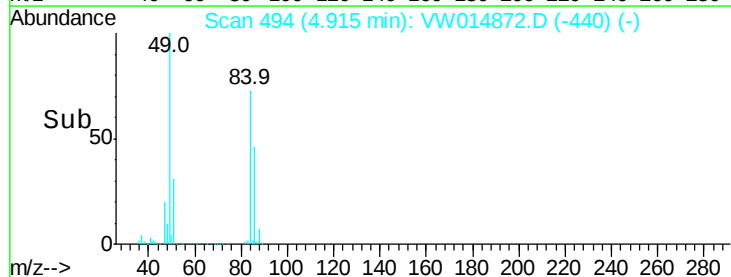
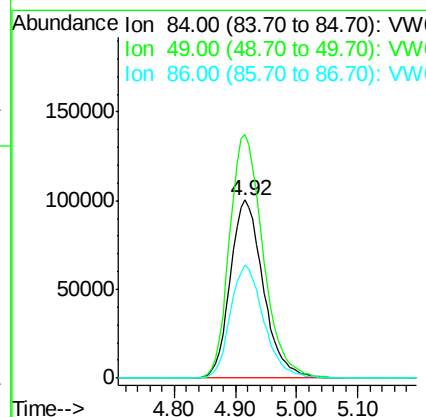
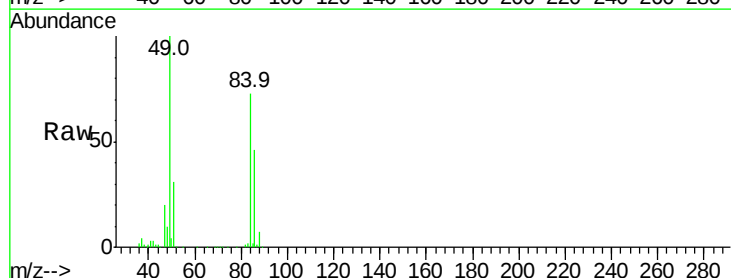
Instrument :
MSVOA_W
ClientSampleId :
VSTD02502

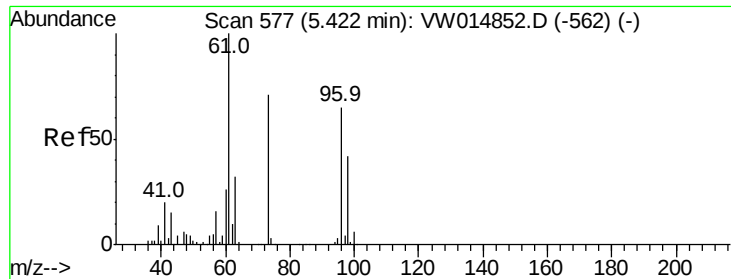
Tgt Ion: 43 Resp: 195132
Ion Ratio Lower Upper
43 100
74 20.6 16.3 24.5



#16
Methylene chloride
Concen: 21.854 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW014872.D
Acq: 05 Feb 2020 14:14

Tgt Ion: 84 Resp: 374192
Ion Ratio Lower Upper
84 100
49 136.8 96.6 179.4
86 63.2 43.8 81.4

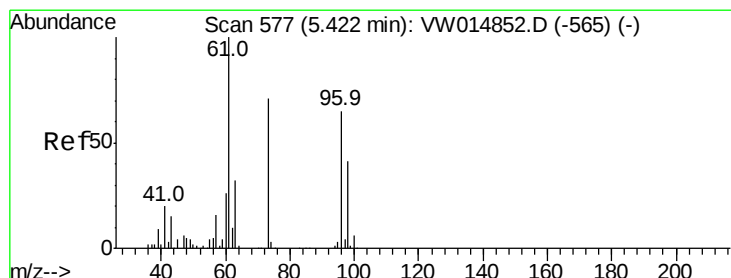
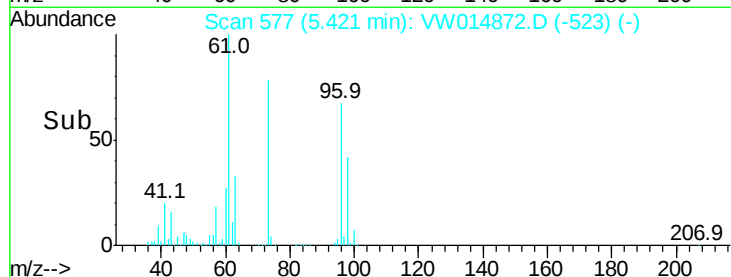
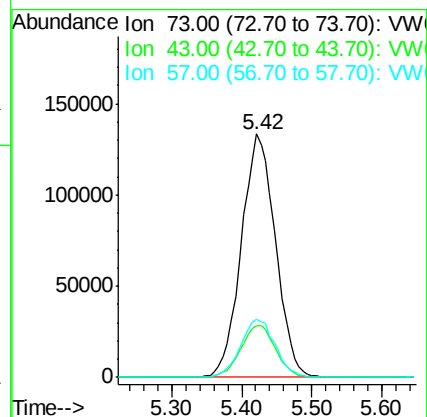
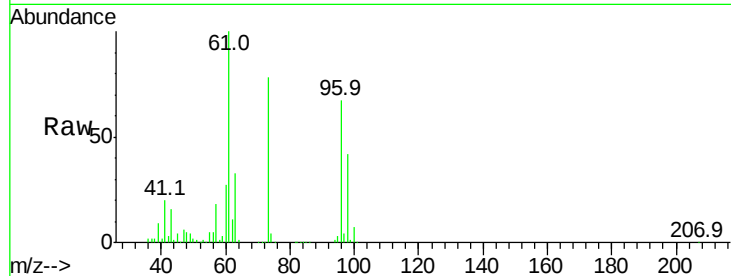




#17
Methyl tert-butyl Ether
Concen: 26.322 ug/L
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW014872.D
Acq: 05 Feb 2020 14:14

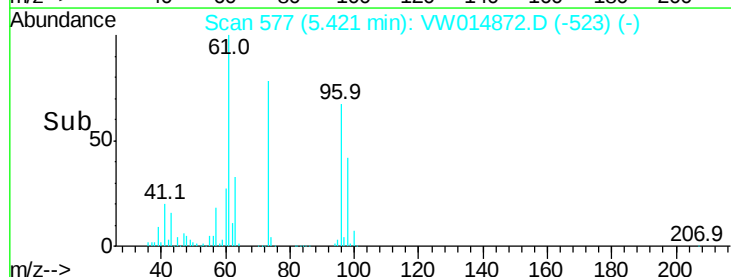
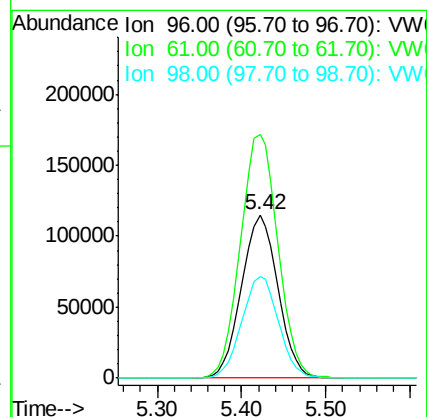
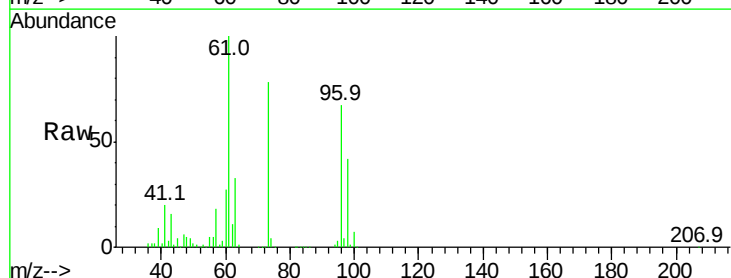
Instrument :
MSVOA_W
ClientSampleId :
VSTD02502

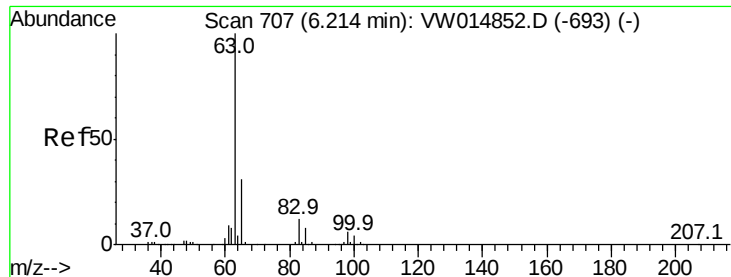
Tgt Ion: 73 Resp: 452375
Ion Ratio Lower Upper
73 100
43 21.9 17.6 26.4
57 24.2 19.8 29.6



#18
trans-1,2-Dichloroethene
Concen: 24.212 ug/L
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW014872.D
Acq: 05 Feb 2020 14:14

Tgt Ion: 96 Resp: 336479
Ion Ratio Lower Upper
96 100
61 149.2 106.3 197.3
98 62.5 43.5 80.9

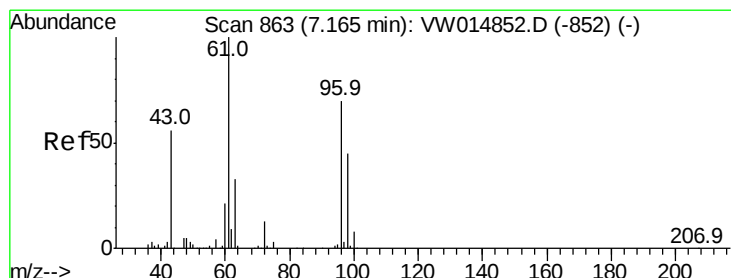
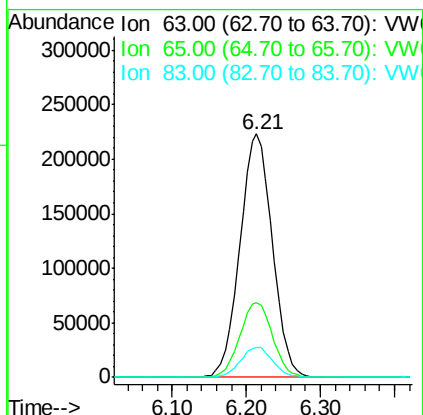
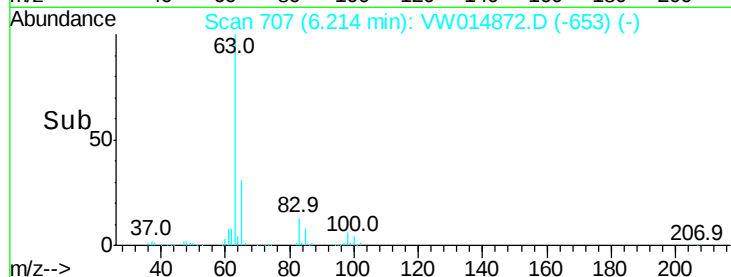
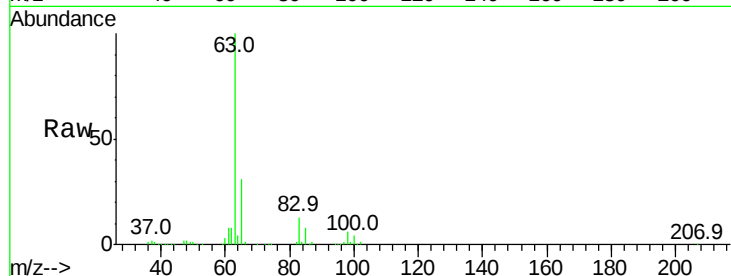




#19
 1,1-Dichloroethane
 Concen: 24.059 ug/L
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW014872.D
 Acq: 05 Feb 2020 14:14

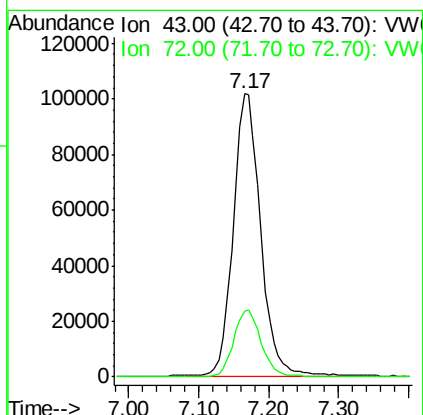
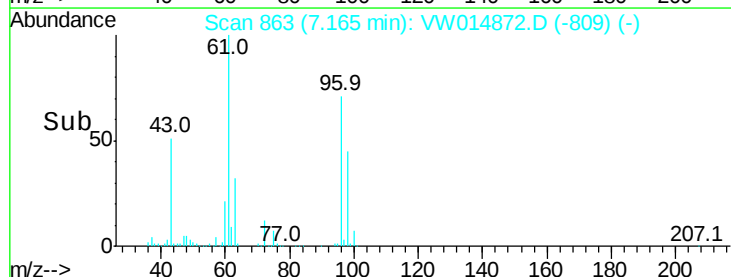
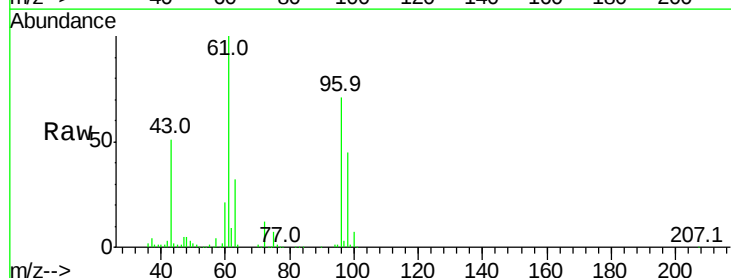
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02502

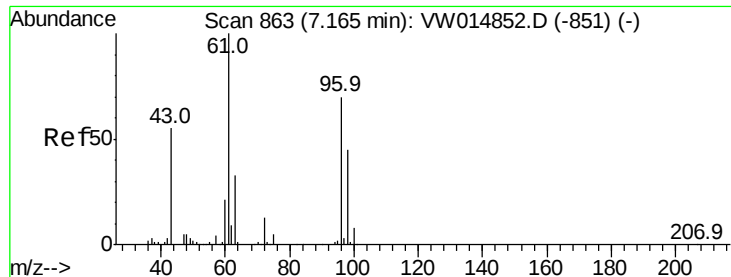
Tgt Ion: 63 Resp: 678915
 Ion Ratio Lower Upper
 63 100
 65 30.7 23.0 42.6
 83 12.5 9.0 16.6



#21
 2-Butanone
 Concen: 43.807 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW014872.D
 Acq: 05 Feb 2020 14:14

Tgt Ion: 43 Resp: 277518
 Ion Ratio Lower Upper
 43 100
 72 23.7 11.7 35.0



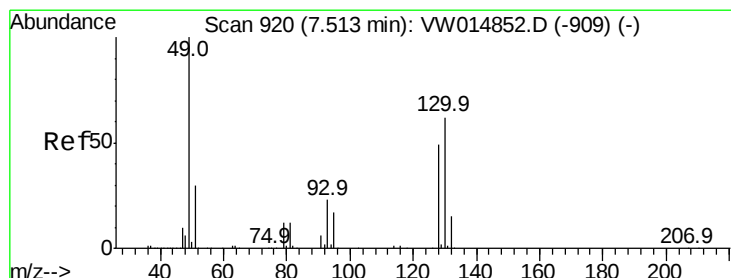
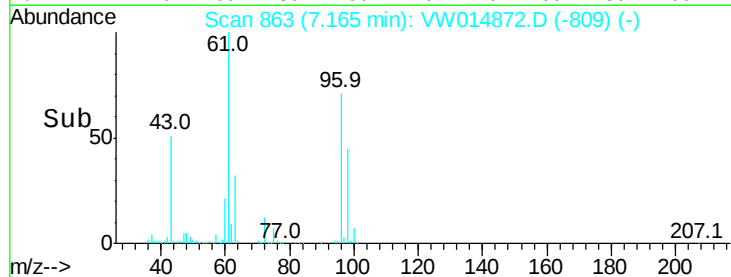
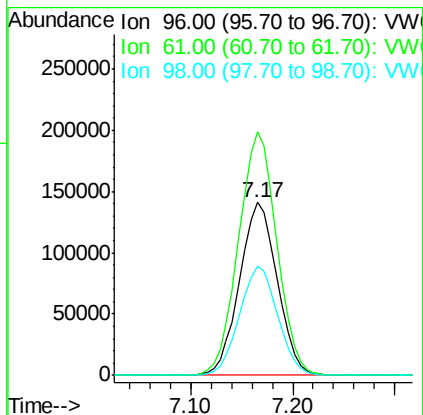
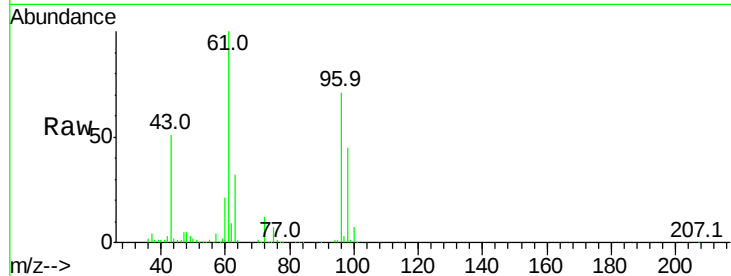


#22

cis-1,2-Dichloroethene
Concen: 25.310 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014872.D
Acq: 05 Feb 2020 14:14

Instrument :
MSVOA_W
ClientSampled :
VSTD02502

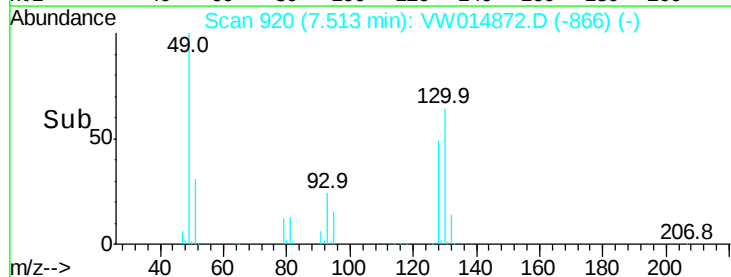
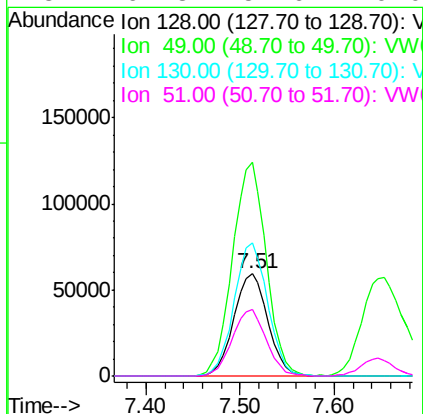
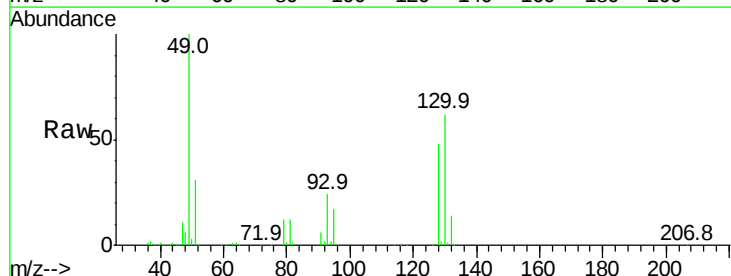
Tgt Ion: 96 Resp: 363554
Ion Ratio Lower Upper
96 100
61 140.8 100.6 186.8
98 63.2 44.0 81.8

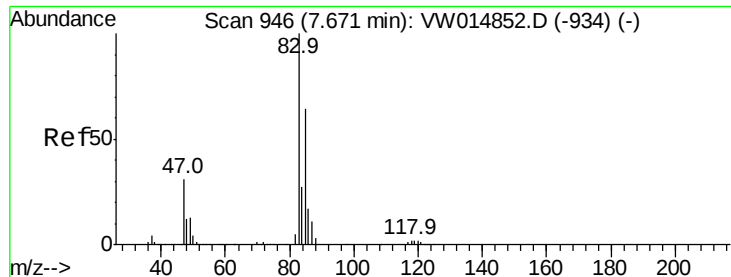


#23

Bromochloromethane
Concen: 24.400 ug/L
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW014872.D
Acq: 05 Feb 2020 14:14

Tgt Ion: 128 Resp: 149874
Ion Ratio Lower Upper
128 100
49 208.6 150.7 279.9
130 129.9 90.6 168.3
51 64.8 52.6 79.0





#25

Chloroform

Concen: 24.325 ug/L

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW014872.D

Acq: 05 Feb 2020 14:14

Instrument :

MSVOA_W

ClientSampleId :

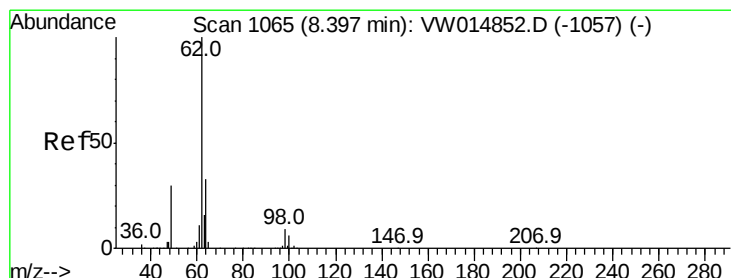
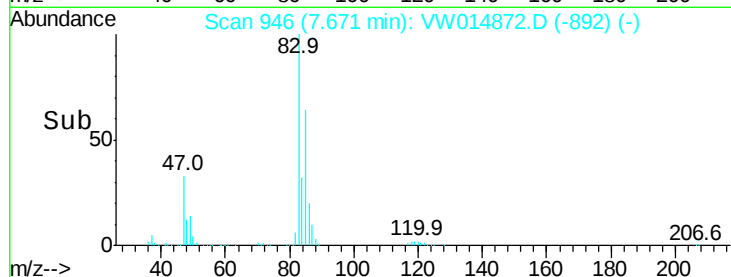
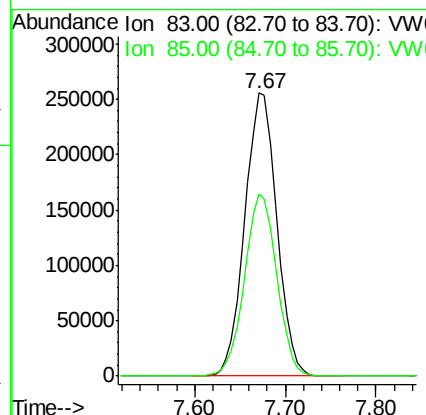
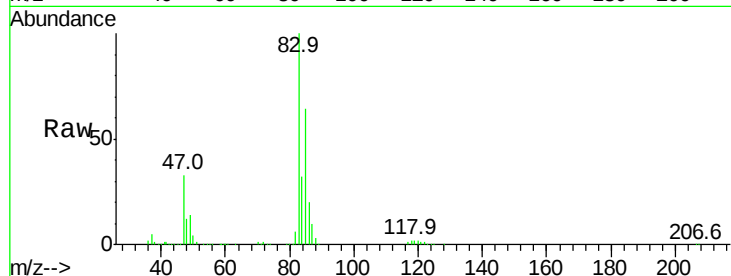
VSTD02502

Tgt Ion: 83 Resp: 626667

Ion Ratio Lower Upper

83 100

85 64.9 45.4 84.2



#27

1,2-Dichloroethane

Concen: 24.371 ug/L

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW014872.D

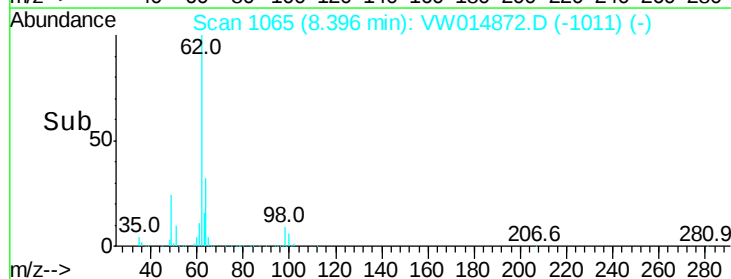
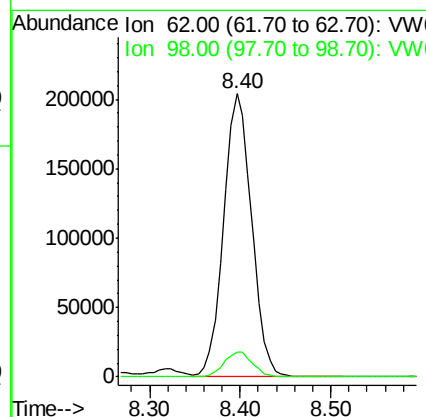
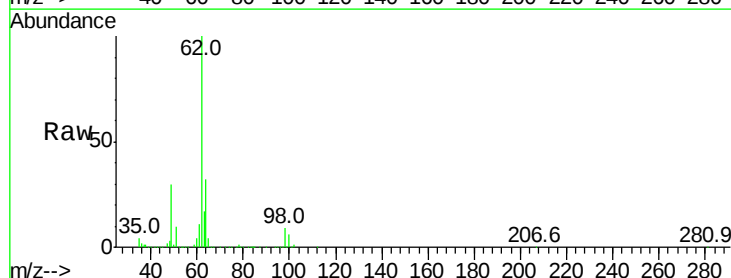
Acq: 05 Feb 2020 14:14

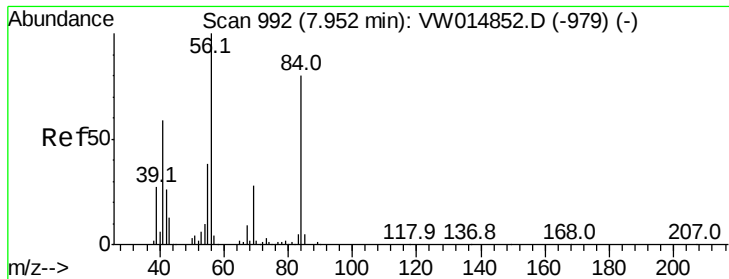
Tgt Ion: 62 Resp: 438652

Ion Ratio Lower Upper

62 100

98 9.0 6.8 10.2

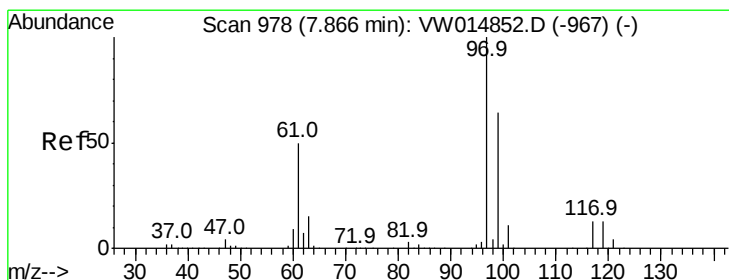
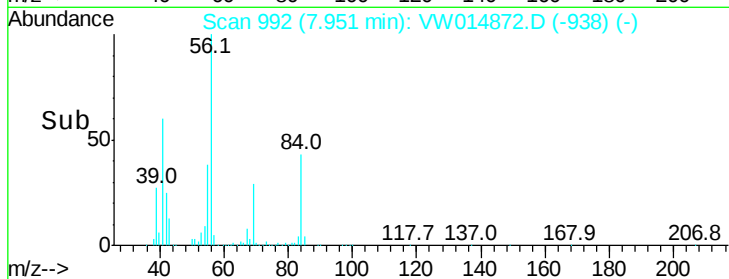
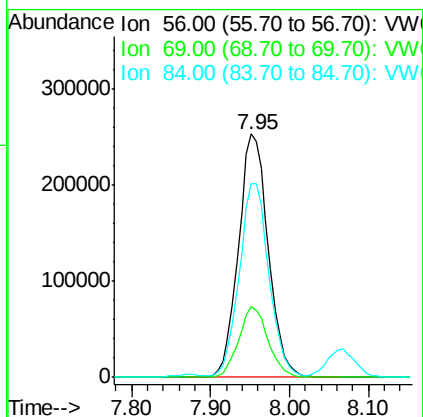
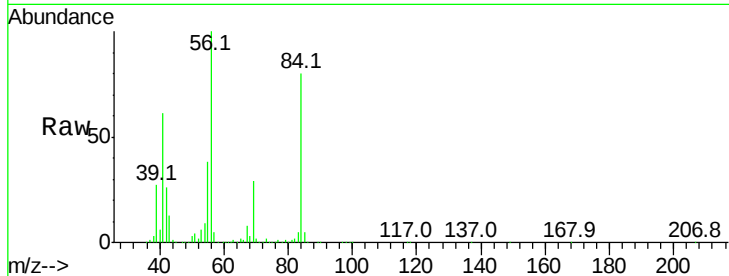




#30
Cyclohexane
Concen: 26.629 ug/L
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW014872.D
Acq: 05 Feb 2020 14:14

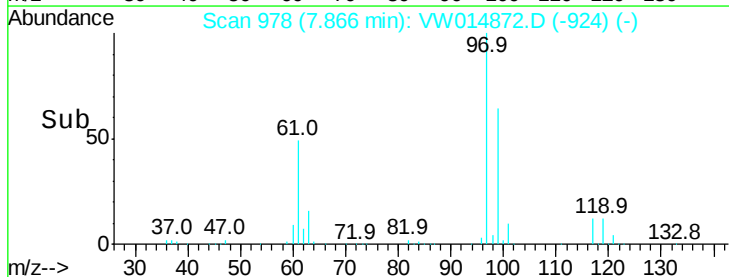
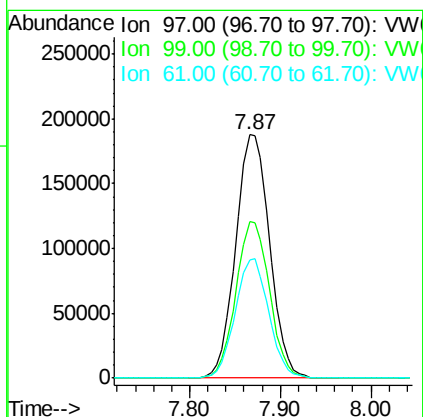
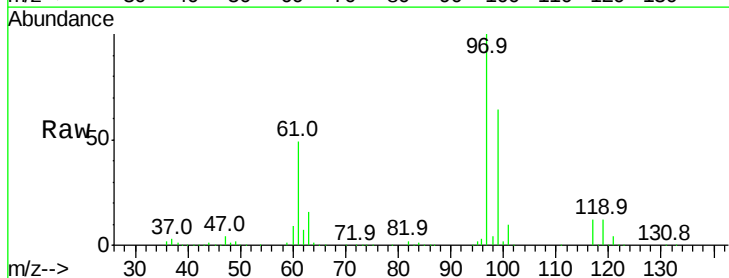
Instrument :
MSVOA_W
ClientSampleId :
VSTD02502

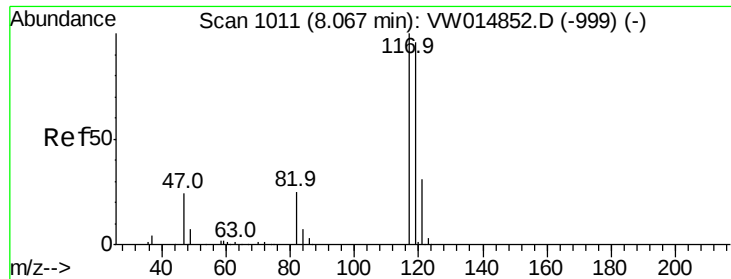
Tgt Ion: 56 Resp: 665184
Ion Ratio Lower Upper
56 100
69 28.6 22.6 33.8
84 79.7 62.2 93.4



#31
1,1,1-Trichloroethane
Concen: 25.142 ug/L
RT: 7.87 min Scan# 978
Delta R.T. -0.00 min
Lab File: VW014872.D
Acq: 05 Feb 2020 14:14

Tgt Ion: 97 Resp: 487638
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.0
61 48.6 39.0 58.4





#32

Carbon tetrachloride

Concen: 24.930 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW014872.D

Acq: 05 Feb 2020 14:14

Instrument :

MSVOA_W

ClientSampleId :

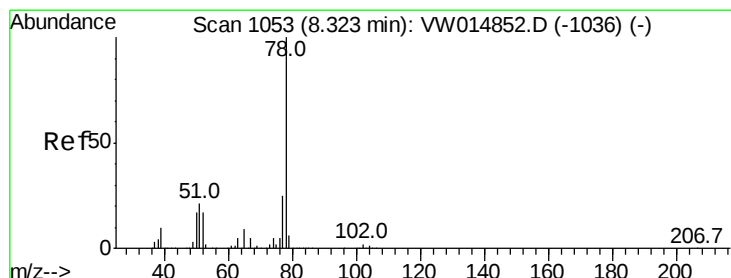
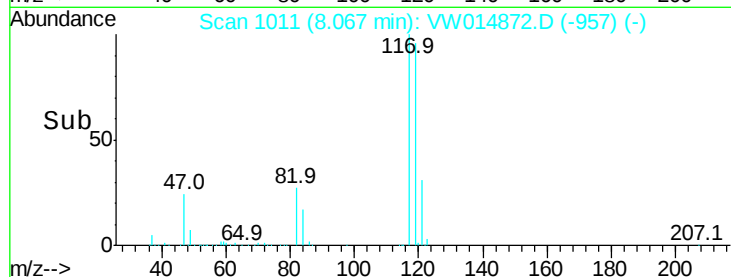
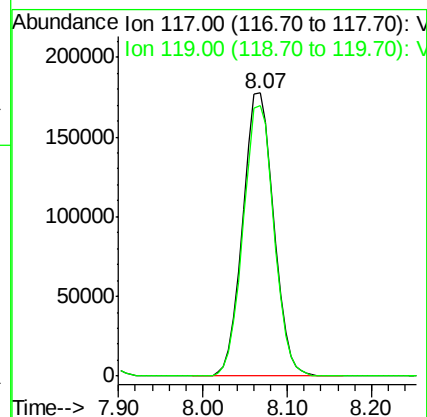
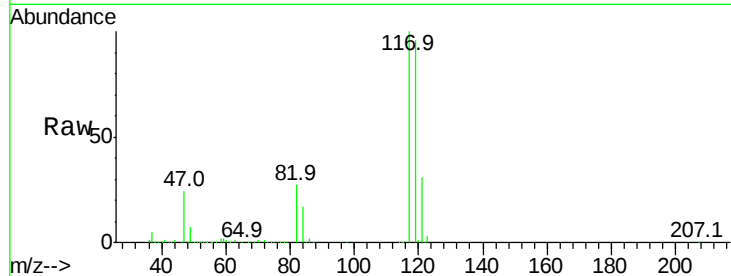
VSTD02502

Tgt Ion:117 Resp: 439239

Ion Ratio Lower Upper

117 100

119 95.4 77.0 115.4



#34

Benzene

Concen: 25.206 ug/L

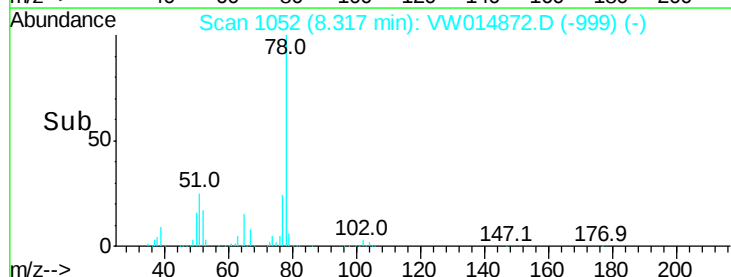
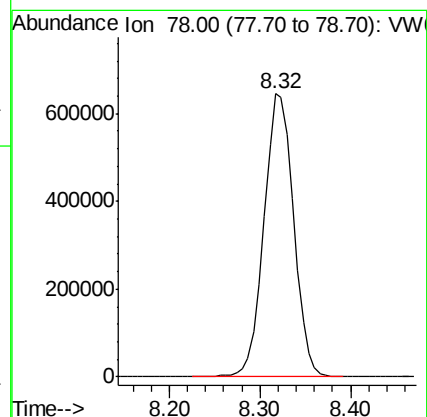
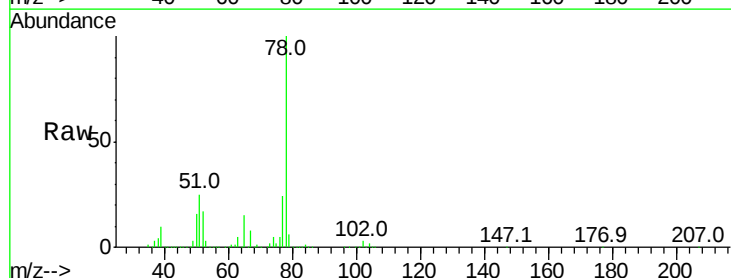
RT: 8.32 min Scan# 1052

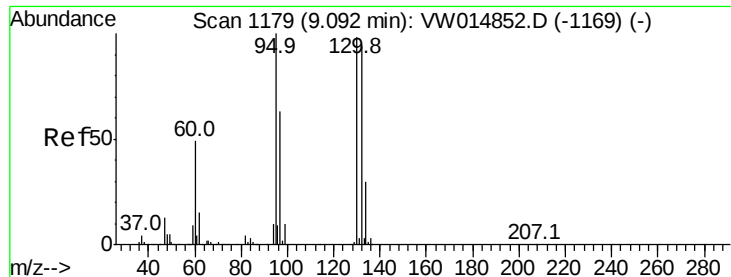
Delta R.T. -0.01 min

Lab File: VW014872.D

Acq: 05 Feb 2020 14:14

Tgt Ion: 78 Resp: 1458763





#35

Trichloroethene

Concen: 25.297 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW014872.D

Acq: 05 Feb 2020 14:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD02502

Tgt Ion: 95 Resp: 361564

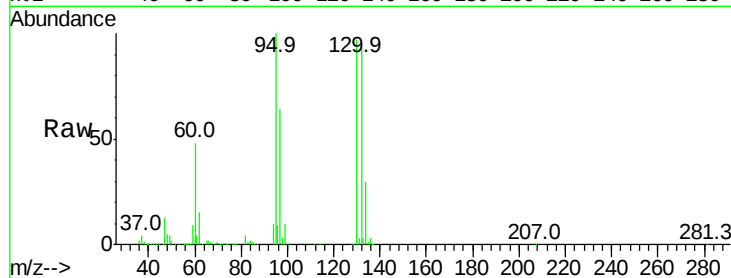
Ion Ratio Lower Upper

95 100

97 63.5 44.4 82.5

132 90.8 64.3 119.5

130 96.1 67.6 125.6

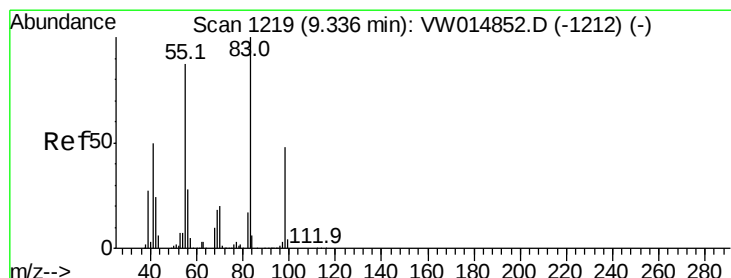
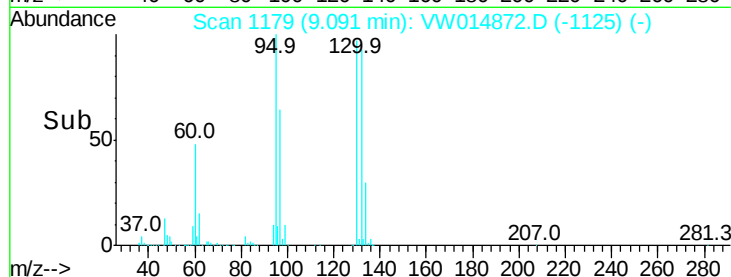
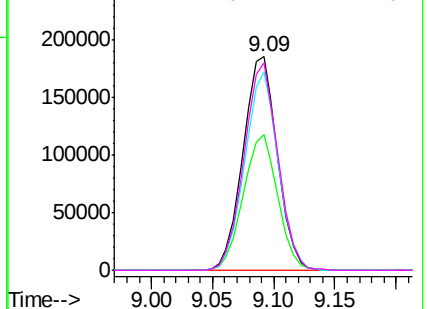


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36

Methylcyclohexane

Concen: 26.440 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW014872.D

Acq: 05 Feb 2020 14:14

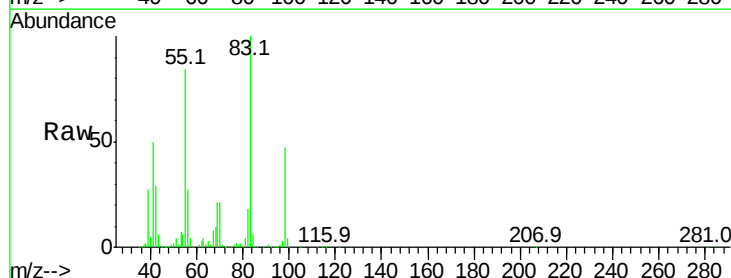
Tgt Ion: 83 Resp: 661880

Ion Ratio Lower Upper

83 100

55 85.0 71.0 106.6

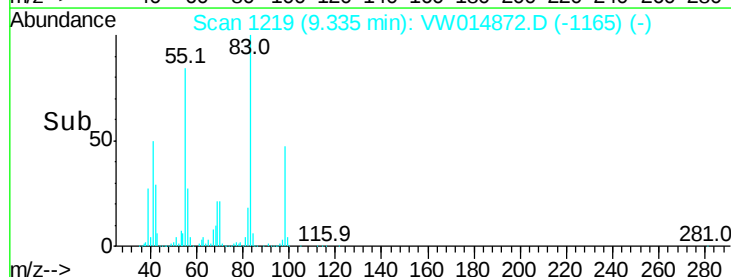
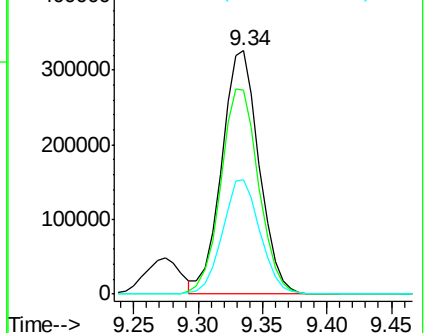
98 47.2 37.7 56.5

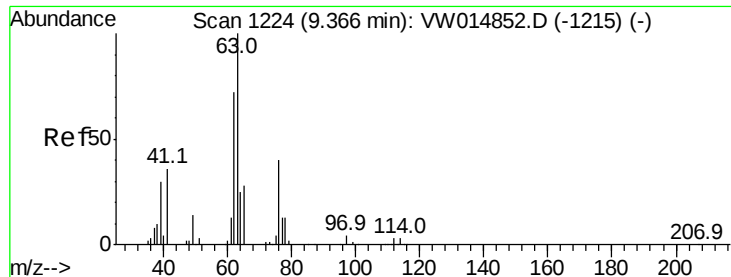


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

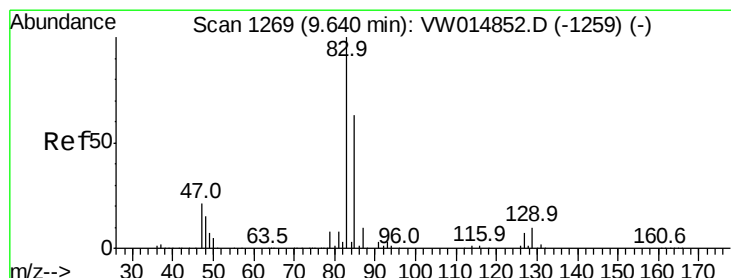
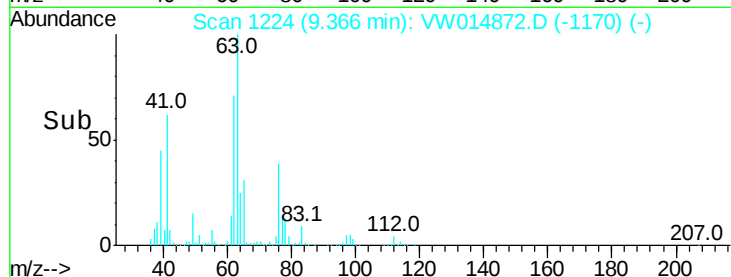
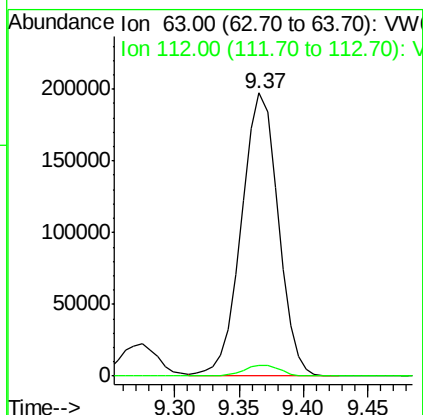
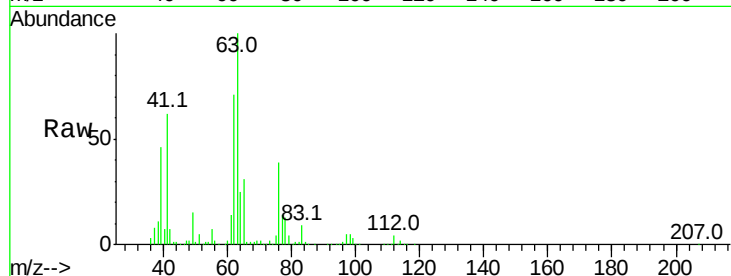




#40
 1,2-Dichloropropane
 Concen: 25.012 ug/L
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW014872.D
 Acq: 05 Feb 2020 14:14

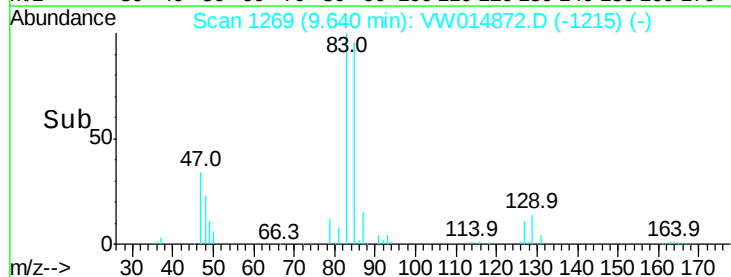
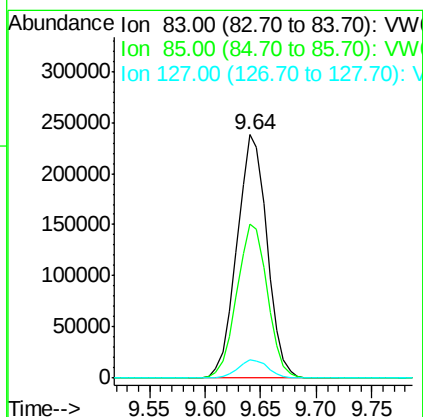
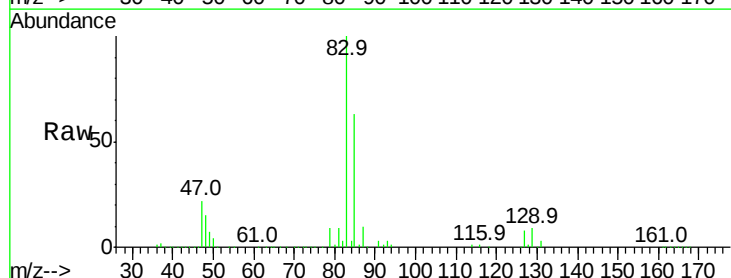
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02502

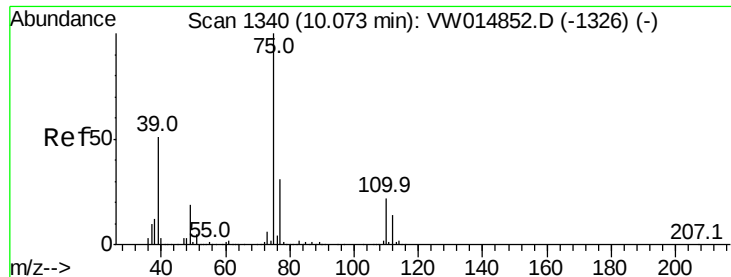
Tgt Ion: 63 Resp: 390395
 Ion Ratio Lower Upper
 63 100
 112 3.9 3.2 4.8



#41
 Bromodichloromethane
 Concen: 25.007 ug/L
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW014872.D
 Acq: 05 Feb 2020 14:14

Tgt Ion: 83 Resp: 447268
 Ion Ratio Lower Upper
 83 100
 85 63.1 44.2 82.0
 127 7.5 6.0 9.0

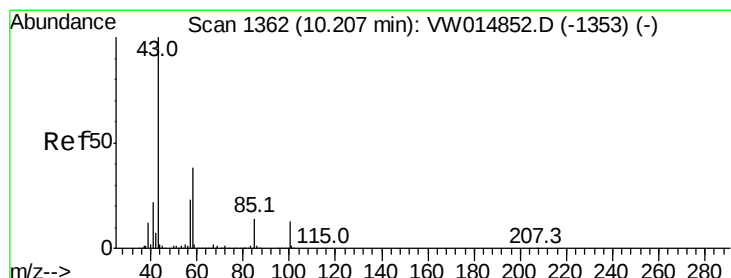
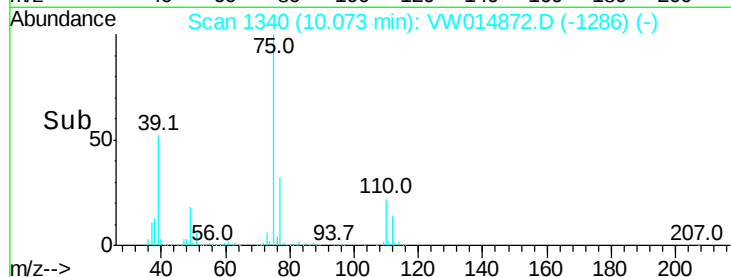
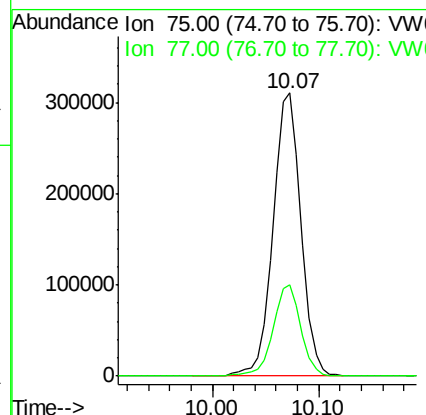
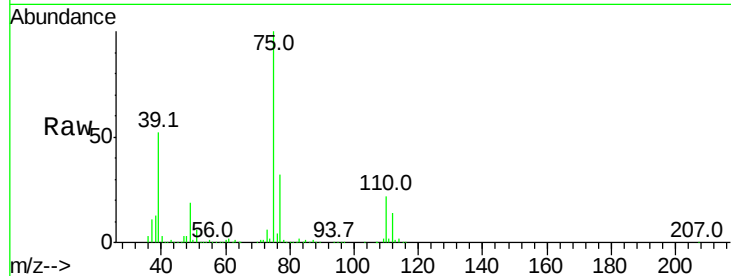




#42
 cis-1,3-Dichloropropene
 Concen: 26.136 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW014872.D
 Acq: 05 Feb 2020 14:14

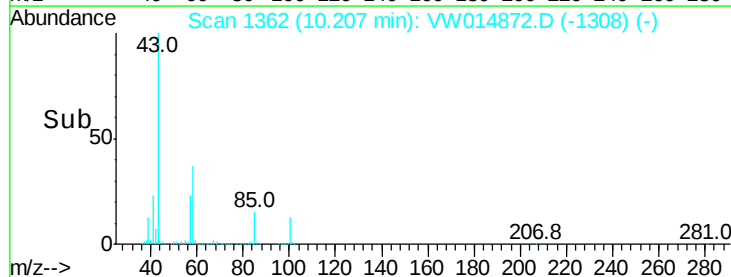
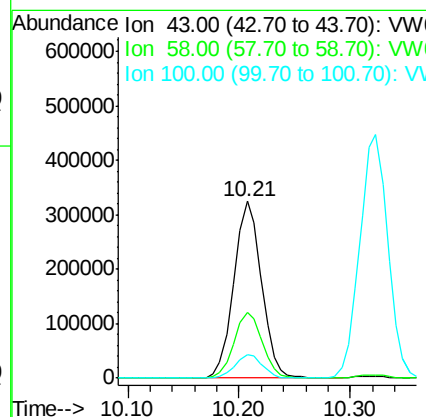
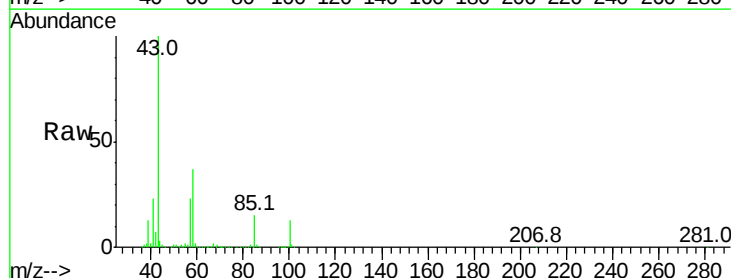
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02502

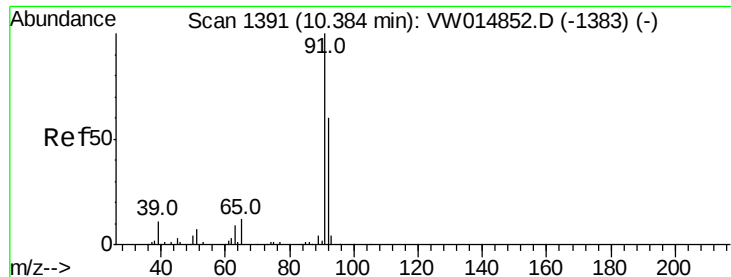
Tgt Ion: 75 Resp: 567841
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.1 41.1



#43
 4-Methyl-2-pentanone
 Concen: 48.854 ug/L
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW014872.D
 Acq: 05 Feb 2020 14:14

Tgt Ion: 43 Resp: 559912
 Ion Ratio Lower Upper
 43 100
 58 37.5 29.3 43.9
 100 13.2 10.2 15.4





#44

Toluene

Concen: 26.220 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014872.D

Acq: 05 Feb 2020 14:14

Instrument :

MSVOA_W

ClientSampleId :

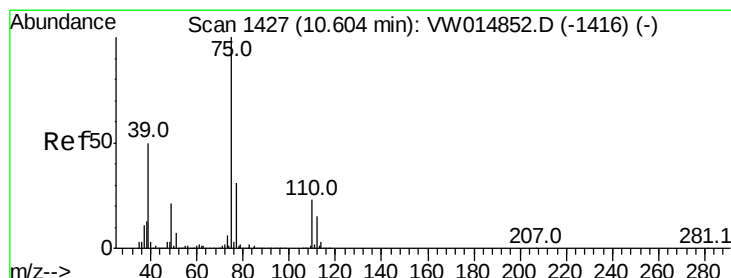
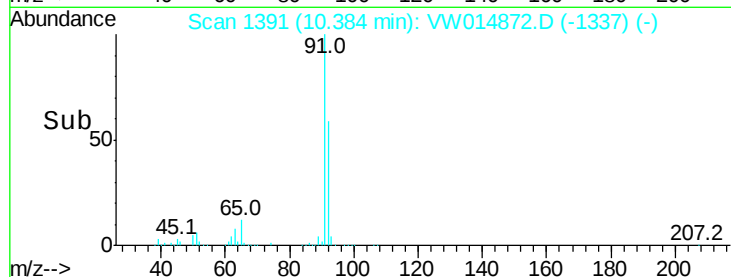
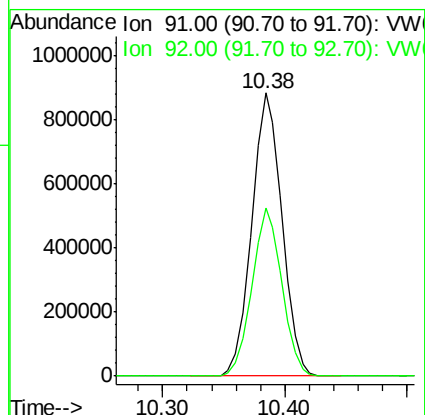
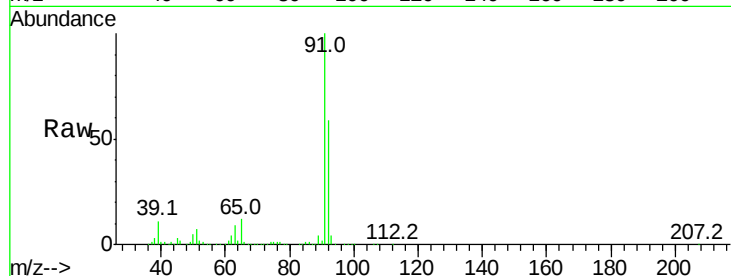
VSTD02502

Tgt Ion: 91 Resp: 1518182

Ion Ratio Lower Upper

91 100

92 59.2 41.6 77.2



#45

trans-1,3-Dichloropropene

Concen: 25.722 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW014872.D

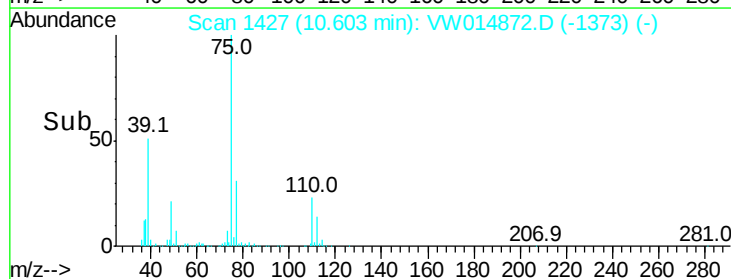
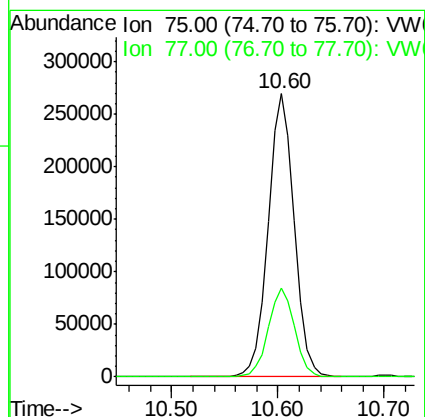
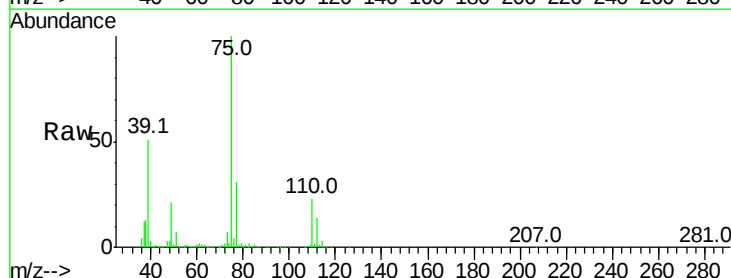
Acq: 05 Feb 2020 14:14

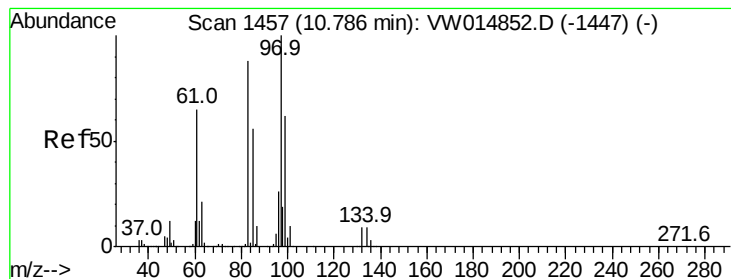
Tgt Ion: 75 Resp: 459879

Ion Ratio Lower Upper

75 100

77 31.2 22.7 42.1





#46

1,1,2-Trichloroethane

Concen: 25.265 ug/L

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW014872.D

Acq: 05 Feb 2020 14:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD02502

Tgt Ion: 97 Resp: 260952

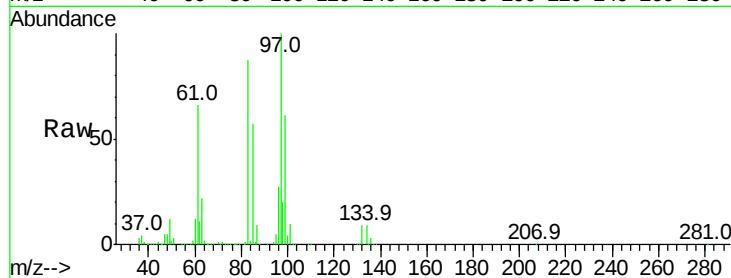
Ion Ratio Lower Upper

97 100

83 86.8 61.9 115.1

85 57.0 38.5 71.5

99 61.2 42.0 78.0

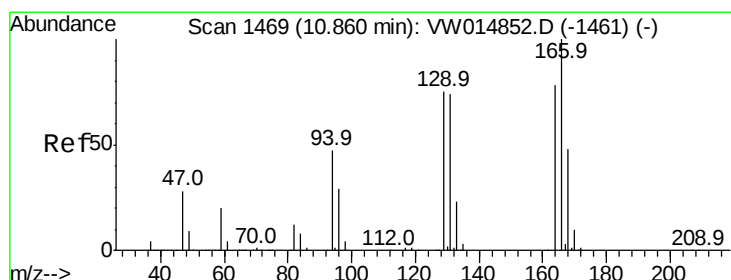
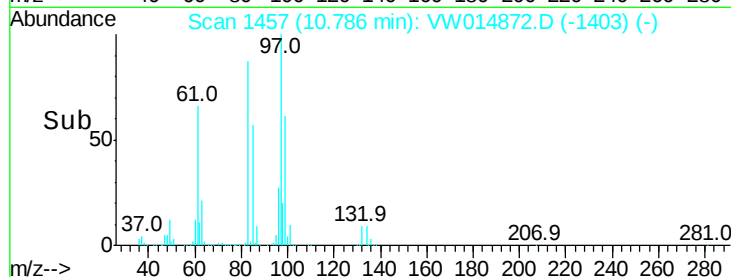
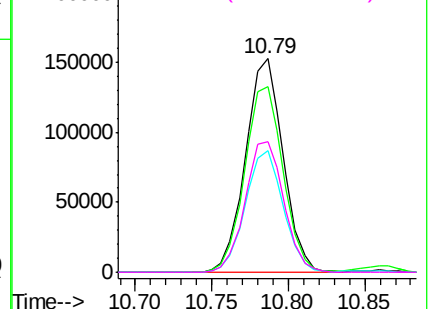


Abundance Ion 97.00 (96.70 to 97.70): VW

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: 24.680 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW014872.D

Acq: 05 Feb 2020 14:14

Tgt Ion: 164 Resp: 263157

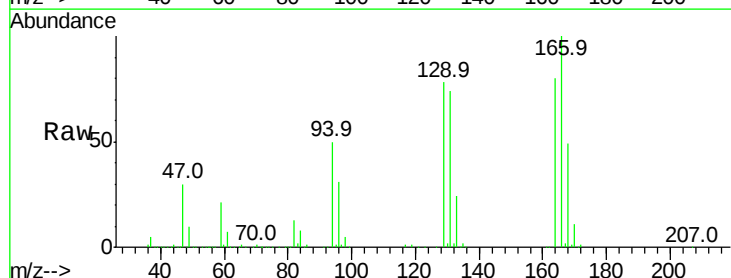
Ion Ratio Lower Upper

164 100

129 96.5 67.1 124.5

131 91.5 62.2 115.6

166 124.3 87.6 162.6

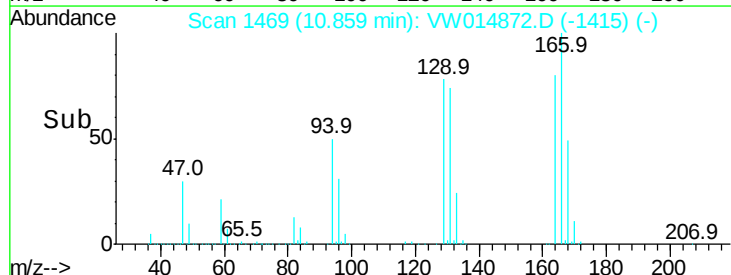
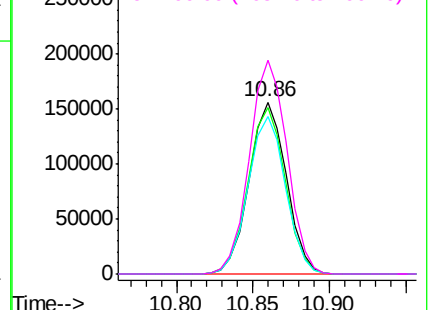


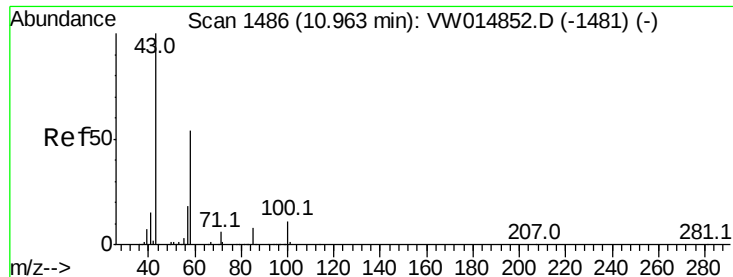
Abundance Ion 164.00 (163.70 to 164.70): V

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

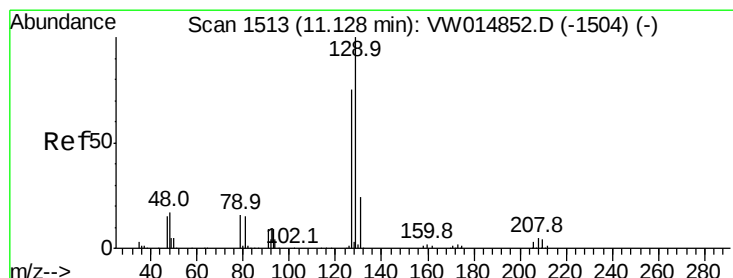
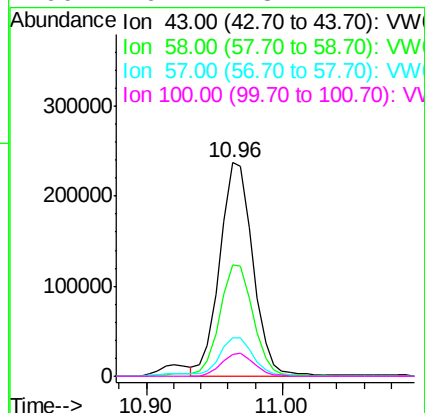
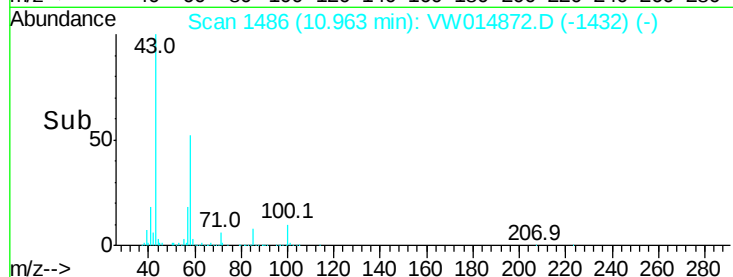
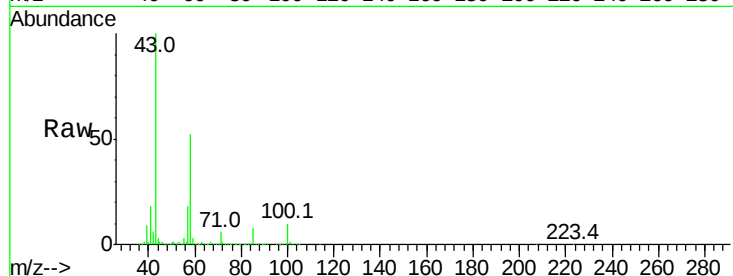




#49
2-Hexanone
Concen: 51.083 ug/L
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014872.D
Acq: 05 Feb 2020 14:14

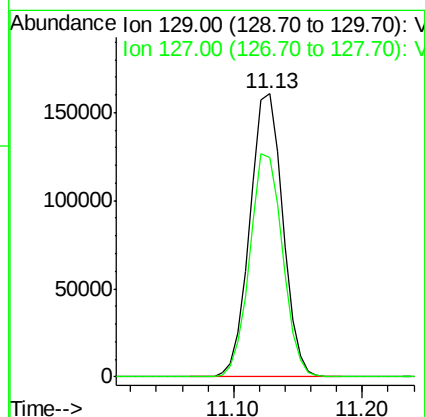
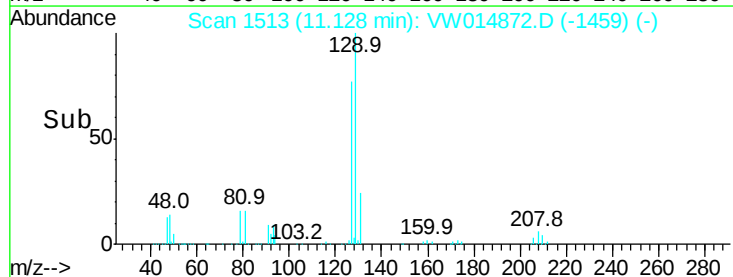
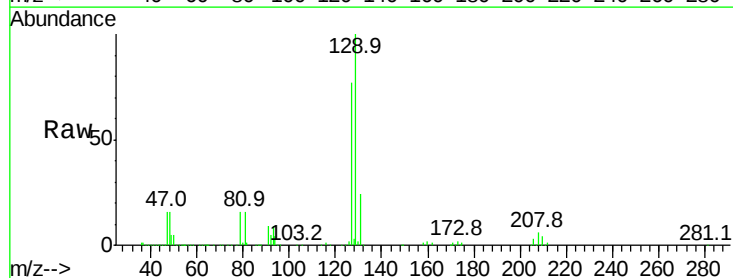
Instrument :
MSVOA_W
ClientSampleId :
VSTD02502

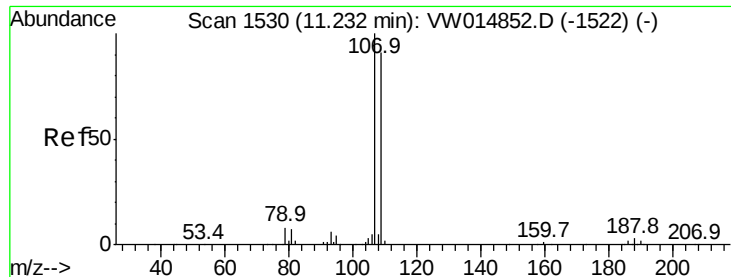
Tgt Ion:	43	Resp:	403964
Ion	Ratio	Lower	Upper
43	100		
58	52.7	41.1	61.7
57	18.1	14.1	21.1
100	10.7	8.1	12.1



#50
Dibromochloromethane
Concen: 25.512 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014872.D
Acq: 05 Feb 2020 14:14

Tgt Ion:	129	Resp:	283291
Ion	Ratio	Lower	Upper
129	100		
127	77.3	54.2	100.6

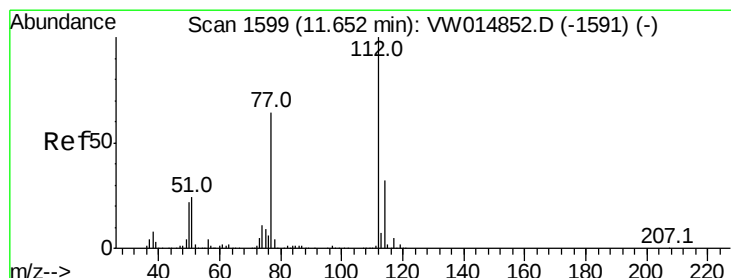
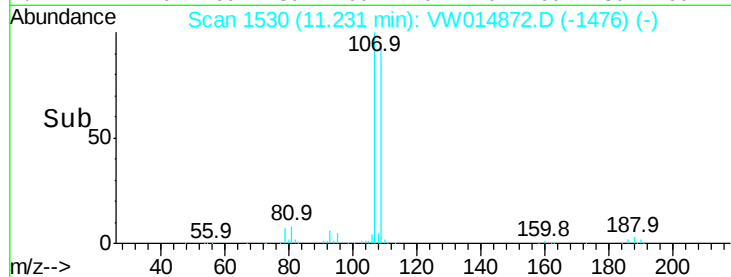
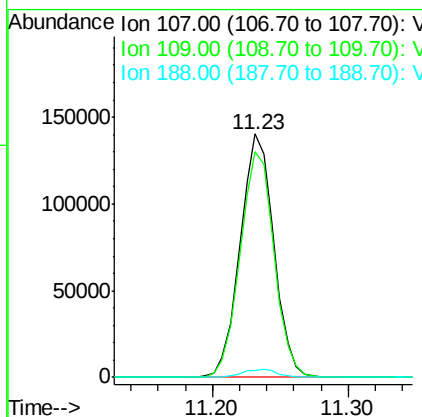
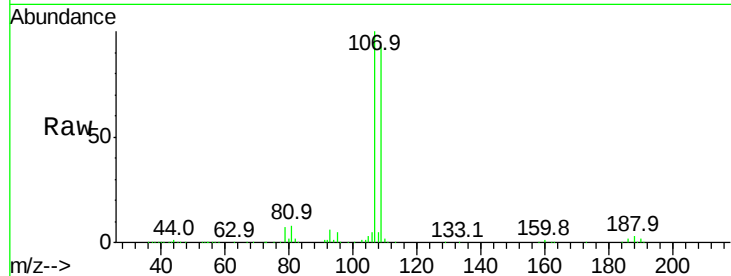




#51
 1,2-Dibromoethane
 Concen: 24.958 ug/L
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW014872.D
 Acq: 05 Feb 2020 14:14

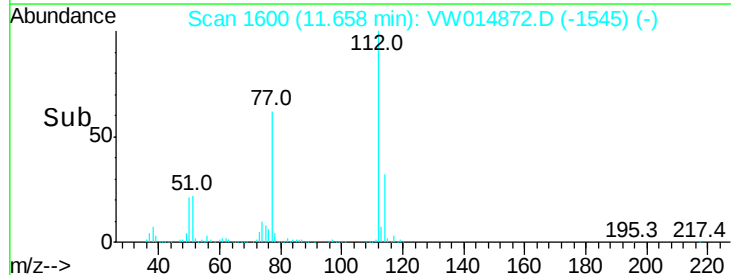
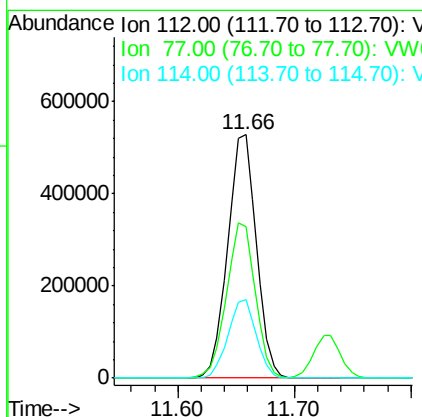
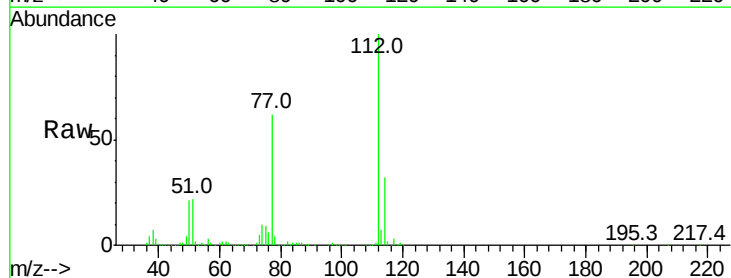
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02502

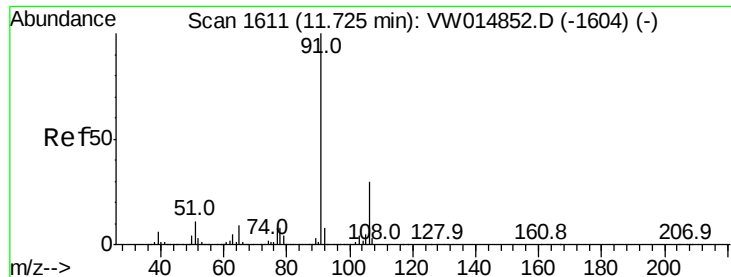
Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.8	66.6	123.8
188	3.0	2.5	3.7



#52
 Chlorobenzene
 Concen: 25.674 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. 0.01 min
 Lab File: VW014872.D
 Acq: 05 Feb 2020 14:14

Tgt Ion	Ratio	Lower	Upper
112	100		
77	62.4	49.8	74.8
114	32.4	22.1	41.1

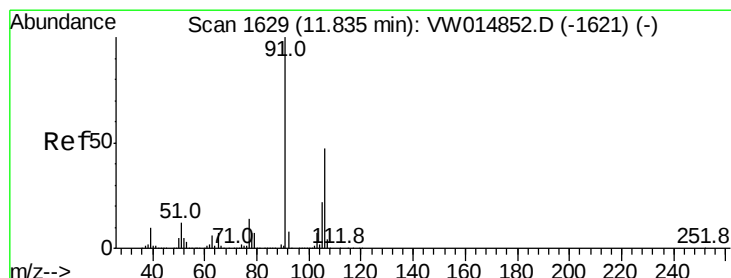
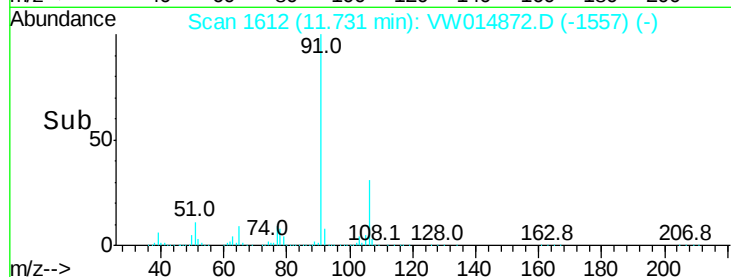
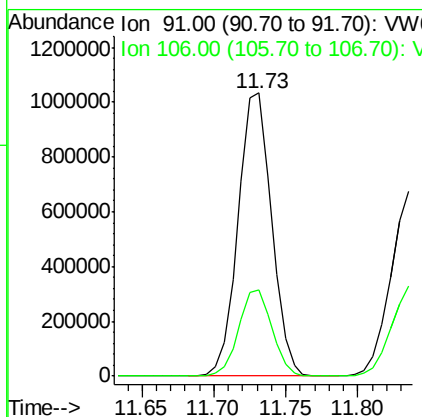
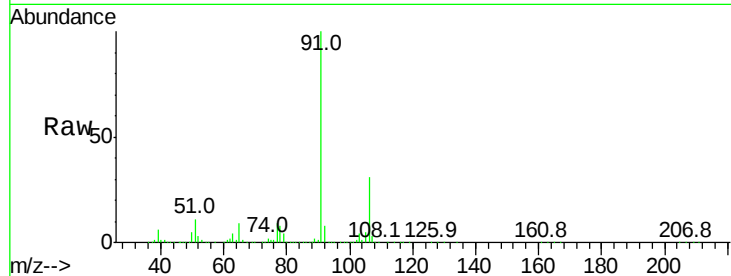




#53
Ethylbenzene
Concen: 26.618 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW014872.D
Acq: 05 Feb 2020 14:14

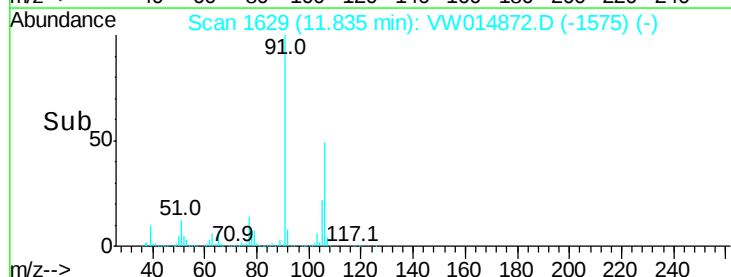
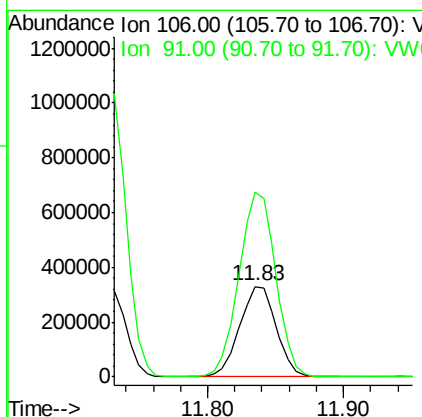
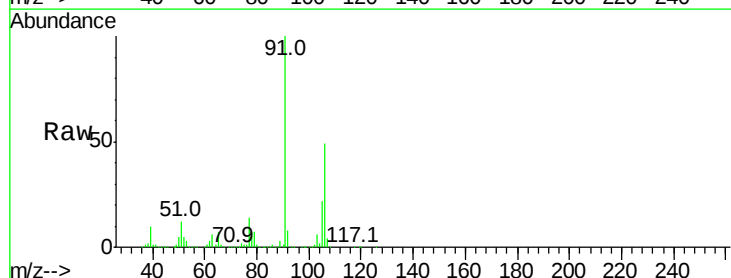
Instrument :
MSVOA_W
ClientSampleId :
VSTD02502

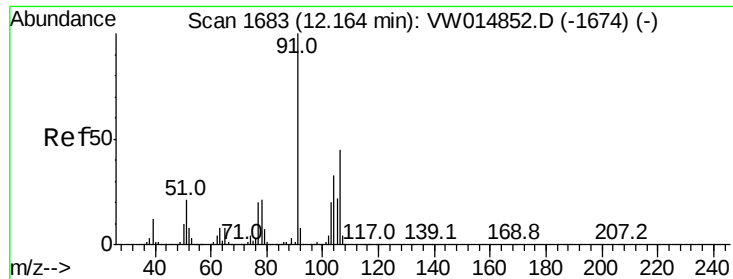
Tgt Ion: 91 Resp: 1669989
Ion Ratio Lower Upper
91 100
106 30.7 21.3 39.5



#54
m,p-Xylene
Concen: 26.899 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014872.D
Acq: 05 Feb 2020 14:14

Tgt Ion: 106 Resp: 617565
Ion Ratio Lower Upper
106 100
91 204.9 145.3 269.9





#55

o-xylene

Concen: 27.292 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW014872.D

Acq: 05 Feb 2020 14:14

Instrument :

MSVOA_W

ClientSampleId :

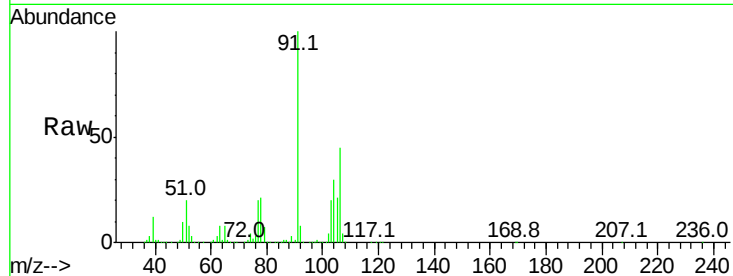
VSTD02502

Tgt Ion:106 Resp: 583739

Ion Ratio Lower Upper

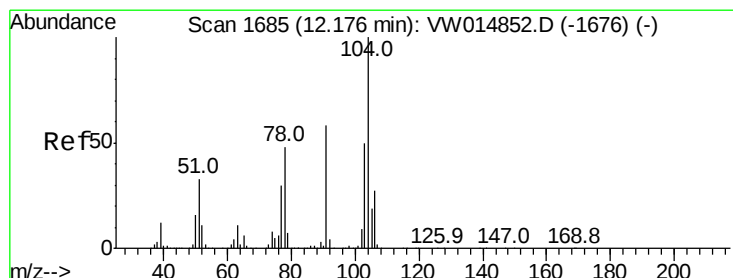
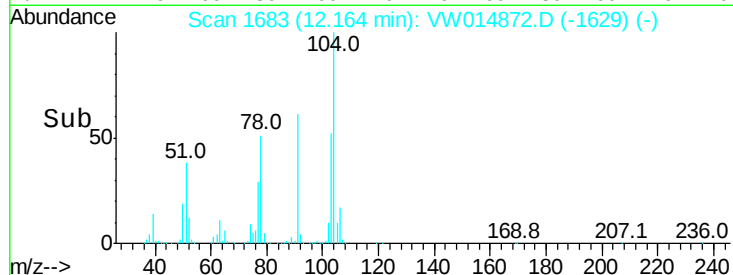
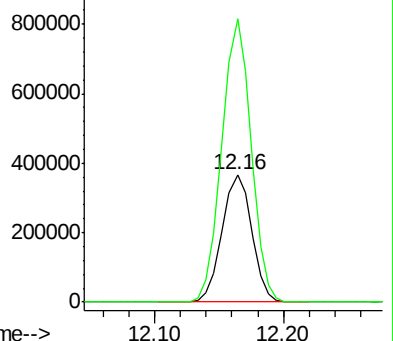
106 100

91 221.5 154.6 287.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#56

Styrene

Concen: 27.469 ug/L

RT: 12.18 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VW014872.D

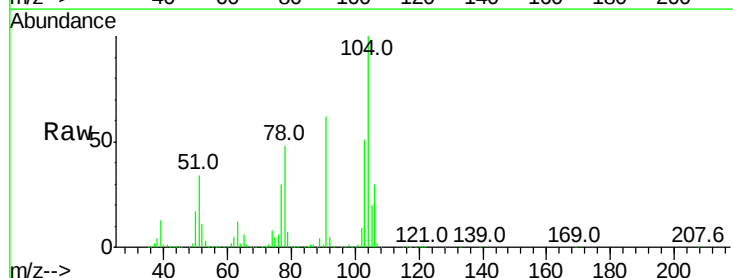
Acq: 05 Feb 2020 14:14

Tgt Ion:104 Resp: 1000483

Ion Ratio Lower Upper

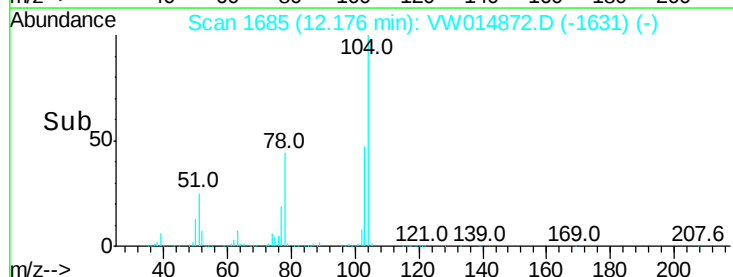
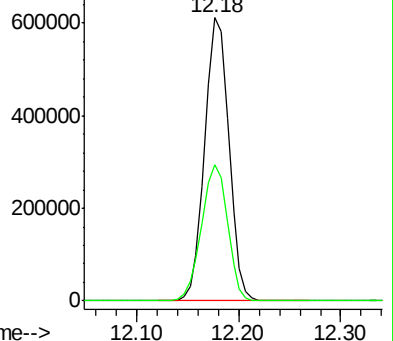
104 100

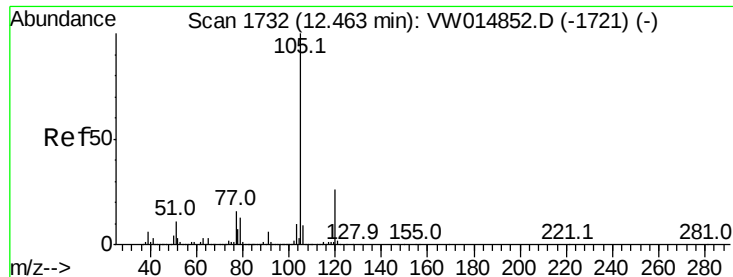
78 48.3 34.3 63.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW





#57

Isopropylbenzene

Concen: 27.749 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014872.D

Acq: 05 Feb 2020 14:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD02502

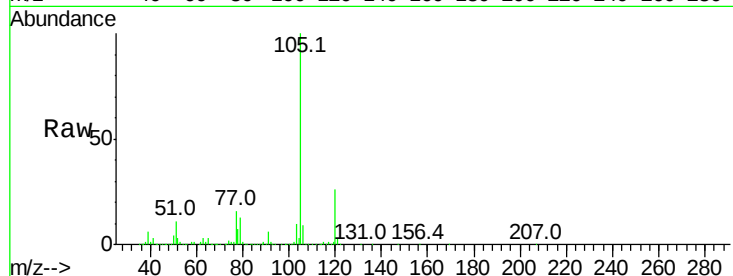
Tgt Ion:105 Resp: 1604961

Ion Ratio Lower Upper

105 100

120 25.5 20.5 30.7

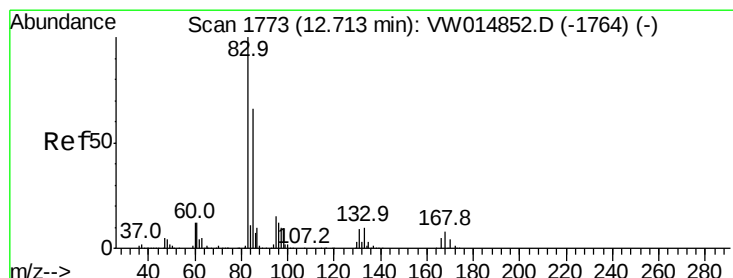
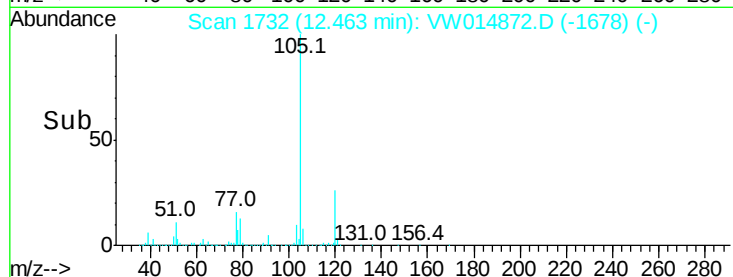
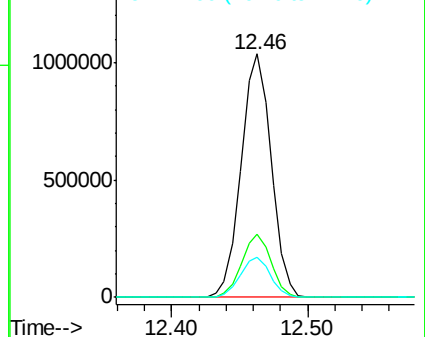
77 16.4 13.3 19.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 24.812 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014872.D

Acq: 05 Feb 2020 14:14

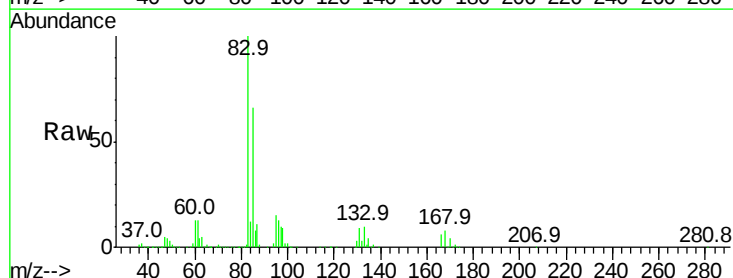
Tgt Ion: 83 Resp: 336416

Ion Ratio Lower Upper

83 100

85 65.6 44.9 83.5

131 9.1 6.9 10.3



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V

