

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091820\
 Data File : VW016576.D
 Acq On : 18 Sep 2020 10:11
 Operator : SY/VA
 Sample : VSTD2.505
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5105

Quant Time: Sep 18 12:51:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM091820SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 18 12:48:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	590094	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	514763	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	252176	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	16320	2.48	ug/L	0.00
7) Chloroethane-d5	2.91	69	13628	2.52	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.04	63	35722	2.57	ug/L	0.00
21) 2-Butanone-d5	7.10	46	7818	5.25	ug/L	0.01
24) Chloroform-d	7.66	84	35318	2.54	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.32	65	18523	2.61	ug/L	0.00
32) Benzene-d6	8.28	84	68831	2.62	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.28	67	18862	2.61	ug/L	0.00
41) Toluene-d8	10.33	98	67032	2.61	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.59	79	8501	2.42	ug/L	0.00
47) 2-Hexanone-d5	10.93	63	5325	4.68	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	13944	2.48	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.86	152	23547	2.58	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.03	85	18143	2.550 ug/L	94
3) Chloromethane	2.22	50	14511	2.573 ug/L	94
5) Vinyl chloride	2.38	62	21392	2.647 ug/L	94
6) Bromomethane	2.79	94	15470	2.491 ug/L	99
8) Chloroethane	2.95	64	12185	2.536 ug/L	99
9) Trichlorofluoromethane	3.28	101	18087	2.359 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	4.09	101	18173	2.388 ug/L #	85
12) 1,1-Dichloroethene	4.05	96	10968	1.441 ug/L #	84
13) Acetone	4.16	43	5431	5.275 ug/L	76
14) Carbon disulfide	4.40	76	57533	2.545 ug/L	99
15) Methyl Acetate	4.70	43	6337	2.567 ug/L #	75
16) Methylene chloride	4.93	84	29588	3.421 ug/L	94
17) trans-1,2-Dichloroethene	5.44	96	20049	2.539 ug/L	96
18) Methyl tert-butyl Ether	5.44	73	25255	2.604 ug/L #	91
19) 1,1-Dichloroethane	6.23	63	31722	2.536 ug/L	97
20) cis-1,2-Dichloroethene	7.18	96	20886	2.544 ug/L	92
22) 2-Butanone	7.18	43	10473	6.125 ug/L	83
23) Bromochloromethane	7.53	128	9718	2.518 ug/L	96
25) Chloroform	7.68	83	34967	2.555 ug/L	97
27) 1,2-Dichloroethane	8.40	62	21545	2.536 ug/L #	93
29) Cyclohexane	7.96	56	30518	2.655 ug/L	99
30) 1,1,1-Trichloroethane	7.88	97	31855	2.597 ug/L	97
31) Carbon tetrachloride	8.08	117	30269	2.534 ug/L	96
33) Benzene	8.33	78	76614	2.687 ug/L	100
34) Trichloroethene	9.10	95	21128	2.583 ug/L	96
35) Methylcyclohexane	9.34	83	35074	2.567 ug/L	97
37) 1,2-Dichloropropane	9.37	63	17070	2.625 ug/L	99
38) Bromodichloromethane	9.65	83	24237	2.514 ug/L	88
39) cis-1,3-Dichloropropene	10.08	75	27230	2.453 ug/L	98
40) 4-Methyl-2-pentanone	10.21	43	18346	5.036 ug/L	99

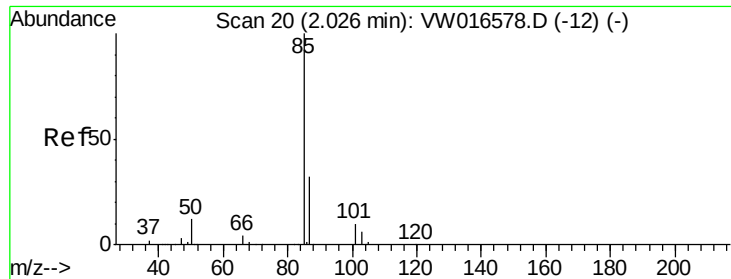
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091820\
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 Quant Title : SFAM01.0
 QLast Update : Fri Sep 18 12:48:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.39	91	82865	2.579	ug/L	98
44) trans-1,3-Dichloropropene	10.61	75	22630	2.377	ug/L	96
45) 1,1,2-Trichloroethane	10.79	97	13350	2.528	ug/L	96
46) Tetrachloroethene	10.87	164	19449	2.636	ug/L	93
48) 2-Hexanone	10.98	43	9917	4.313	ug/L	97
49) Dibromochloromethane	11.13	129	16425	2.369	ug/L	94
50) 1,2-Dibromoethane	11.24	107	12805	2.448	ug/L	92
51) Chlorobenzene	11.66	112	55874	2.623	ug/L	93
52) Ethylbenzene	11.73	91	93438	2.583	ug/L	96
53) m,p-Xylene	11.84	106	35615	2.527	ug/L	93
54) o-Xylene	12.17	106	33896	2.541	ug/L	92
55) Styrene	12.18	104	54759	2.466	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.71	83	13767	2.421	ug/L	92
59) Bromoform	12.35	173	9109	2.238	ug/L	97
60) Isopropylbenzene	12.47	105	94989	2.580	ug/L	98
61) 1,2,3-Trichloropropane	12.77	75	10308	2.480	ug/L	98
62) 1,3,5-Trimethylbenzene	12.94	105	75570	2.494	ug/L	97
63) 1,2,4-Trimethylbenzene	13.26	105	76225	2.531	ug/L	99
64) 1,3-Dichlorobenzene	13.50	146	43914	2.599	ug/L	94
65) 1,4-Dichlorobenzene	13.58	146	42692	2.576	ug/L	98
67) 1,2-Dichlorobenzene	13.87	146	38514	2.576	ug/L	98
68) 1,2-Dibromo-3-chloropropan	14.48	75	2387	2.444	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.63	180	32142	2.577	ug/L	96
70) 1,2,4-trichlorobenzene	15.14	180	24121	2.395	ug/L	100
71) Naphthalene	15.37	128	36961	2.187	ug/L	98
72) 1,2,3-Trichlorobenzene	15.56	180	19719	2.332	ug/L	95

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



#2

Dichlorodifluoromethane

Concen: 2.550 ug/L

RT: 2.03 min Scan# 20

Delta R.T. 0.00 min

Lab File: VW016576.D

Acq: 18 Sep 2020 10:11

Instrument :

MSVOA_W

ClientSampleId :

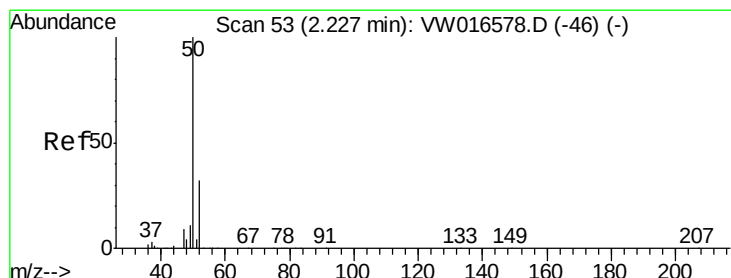
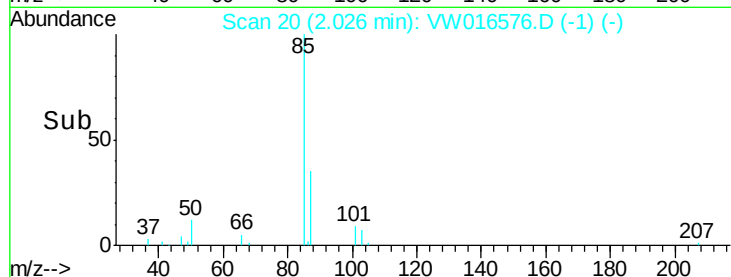
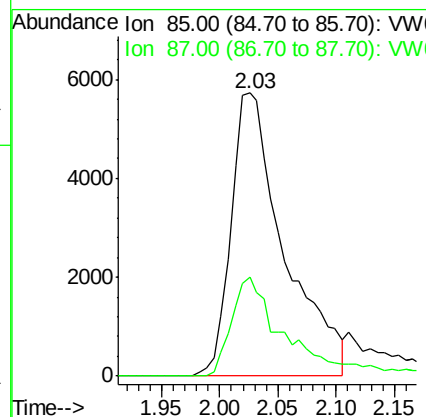
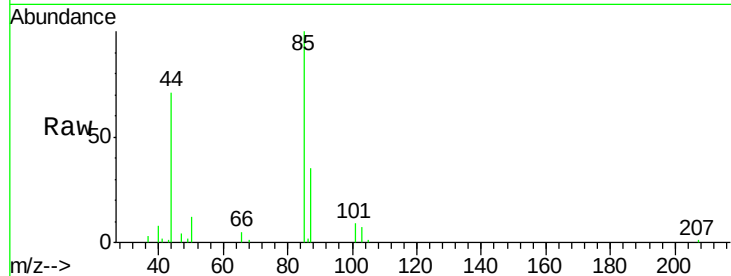
VSTD2.5105

Tgt Ion: 85 Resp: 18143

Ion Ratio Lower Upper

85 100

87 23.8 21.4 32.0



#3

Chloromethane

Concen: 2.573 ug/L

RT: 2.22 min Scan# 52

Delta R.T. -0.01 min

Lab File: VW016576.D

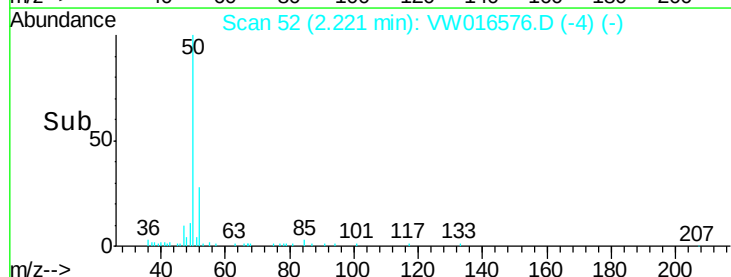
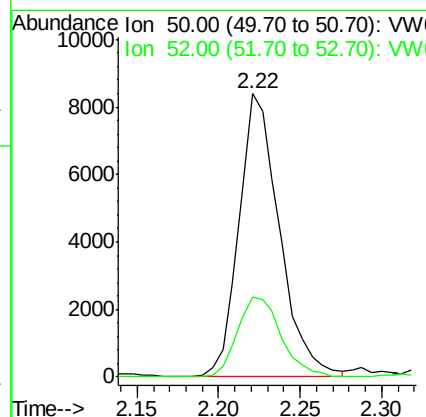
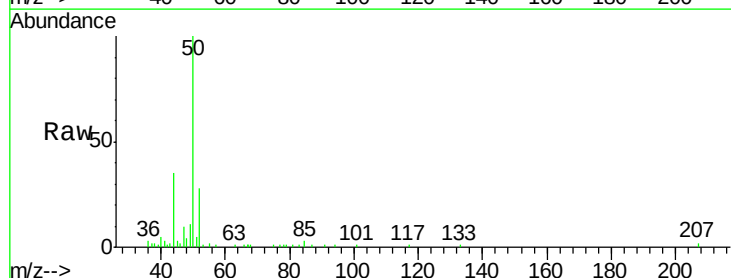
Acq: 18 Sep 2020 10:11

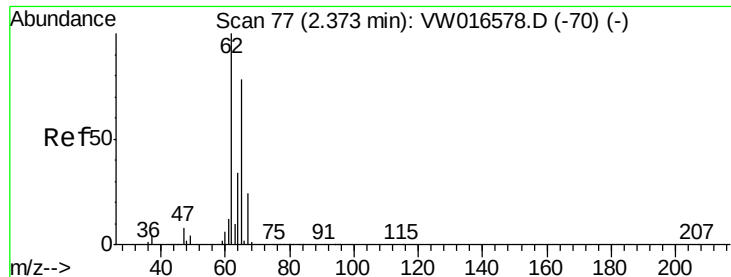
Tgt Ion: 50 Resp: 14511

Ion Ratio Lower Upper

50 100

52 28.3 22.1 41.1





#5

Vinyl chloride

Concen: 2.647 ug/L

RT: 2.38 min Scan# 78

Delta R.T. 0.01 min

Lab File: VW016576.D

Acq: 18 Sep 2020 10:11

Instrument :

MSVOA_W

ClientSampleId :

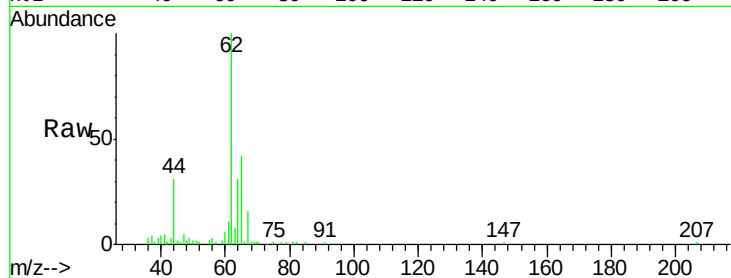
VSTD2.5105

Tgt Ion: 62 Resp: 21392

Ion Ratio Lower Upper

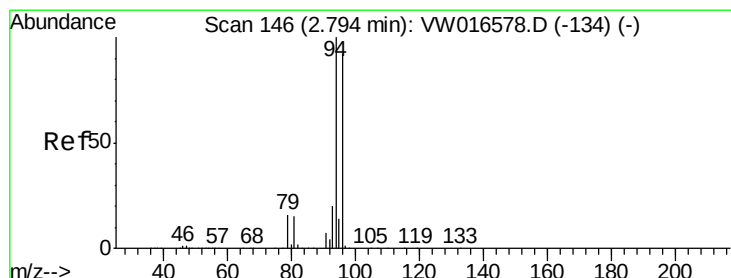
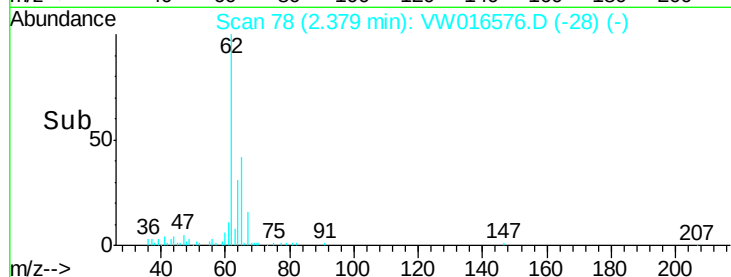
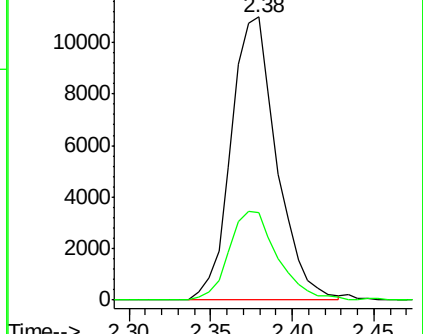
62 100

64 30.9 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 64.00 (63.70 to 64.70): VW



#6

Bromomethane

Concen: 2.491 ug/L

RT: 2.79 min Scan# 146

Delta R.T. 0.00 min

Lab File: VW016576.D

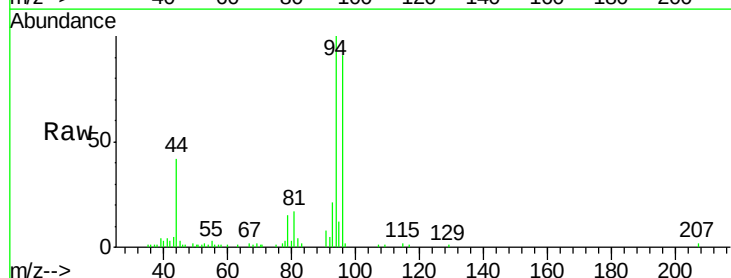
Acq: 18 Sep 2020 10:11

Tgt Ion: 94 Resp: 15470

Ion Ratio Lower Upper

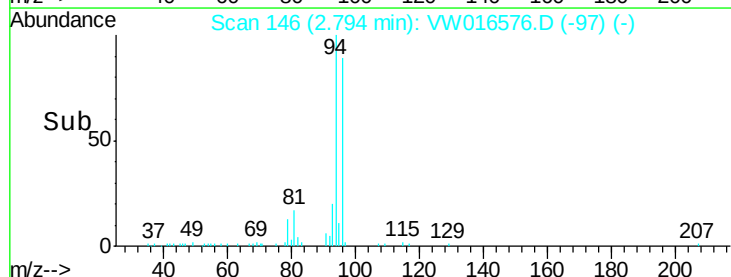
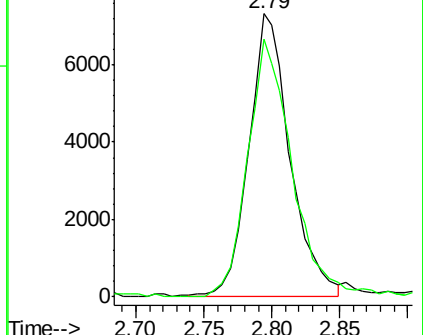
94 100

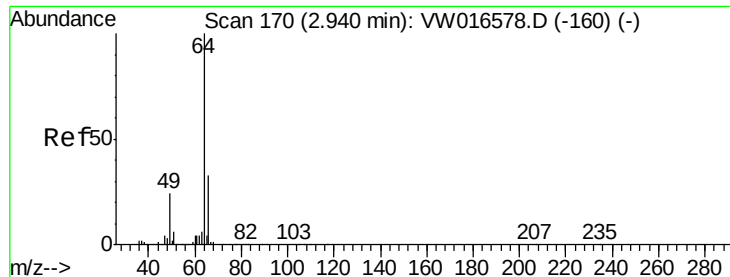
96 91.0 64.2 119.2



Abundance Ion 94.00 (93.70 to 94.70): VW

Ion 96.00 (95.70 to 96.70): VW





#8

Chloroethane

Concen: 2.536 ug/L

RT: 2.95 min Scan# 171

Delta R.T. 0.01 min

Lab File: VW016576.D

Acq: 18 Sep 2020 10:11

Instrument :

MSVOA_W

ClientSampleId :

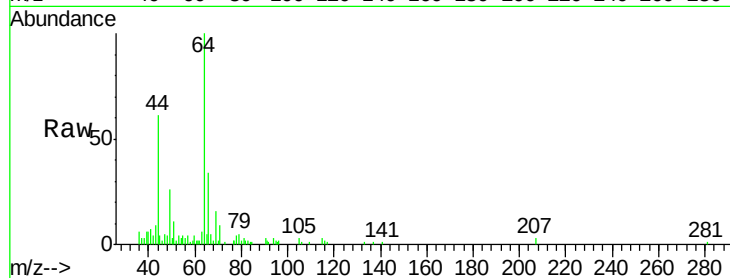
VSTD2.5105

Tgt Ion: 64 Resp: 12185

Ion Ratio Lower Upper

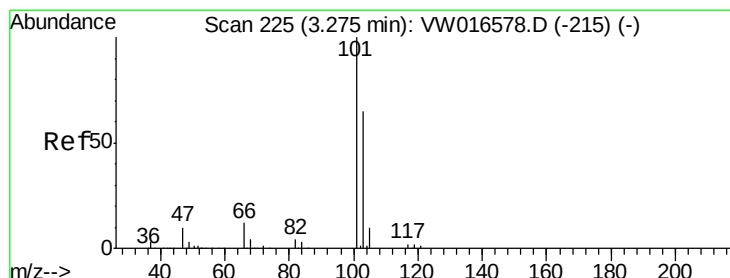
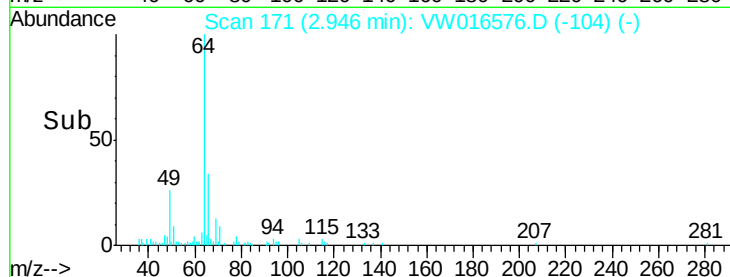
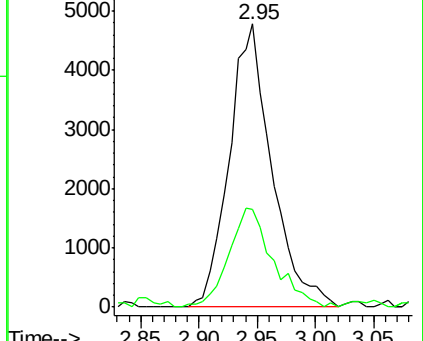
64 100

66 34.4 23.5 43.7



Abundance Ion 64.00 (63.70 to 64.70): VW

Ion 66.00 (65.70 to 66.70): VW



#9

Trichlorofluoromethane

Concen: 2.359 ug/L

RT: 3.28 min Scan# 225

Delta R.T. 0.00 min

Lab File: VW016576.D

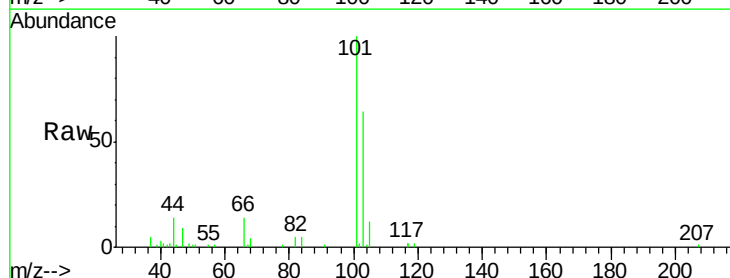
Acq: 18 Sep 2020 10:11

Tgt Ion: 101 Resp: 18087

Ion Ratio Lower Upper

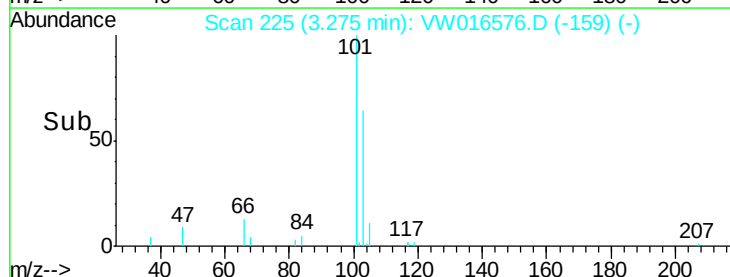
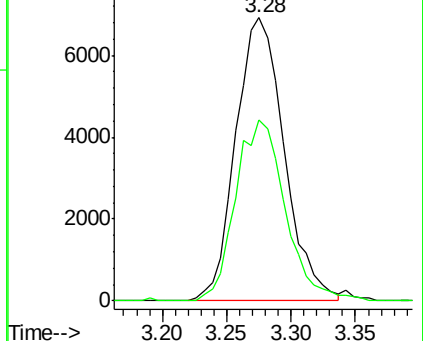
101 100

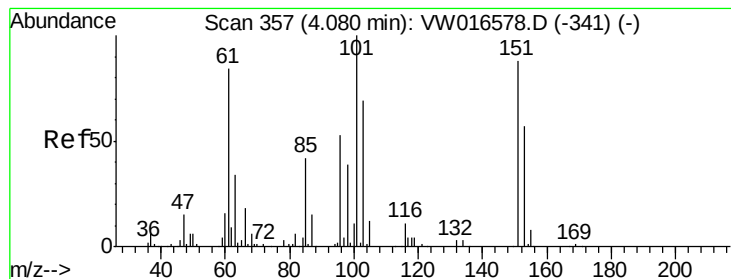
103 65.3 51.8 77.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#10

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

Concen: 2.388 ug/L

RT: 4.09 min Scan# 358

Delta R.T. 0.01 min

Lab File: VW016576.D

Acq: 18 Sep 2020 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5105

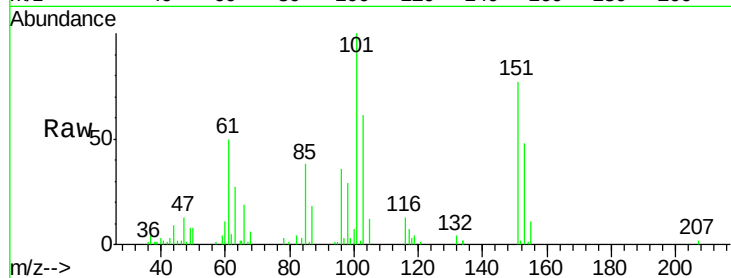
Tgt Ion:101 Resp: 18173

Ion Ratio Lower Upper

101 100

85 22.4 32.2 48.2#

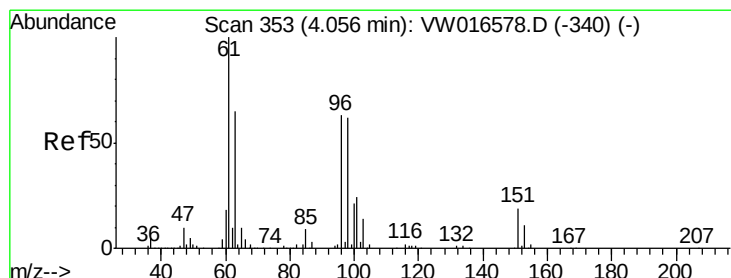
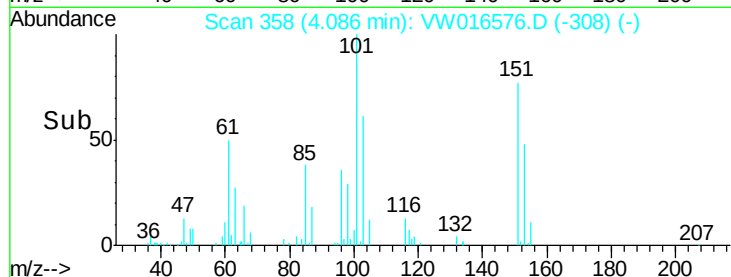
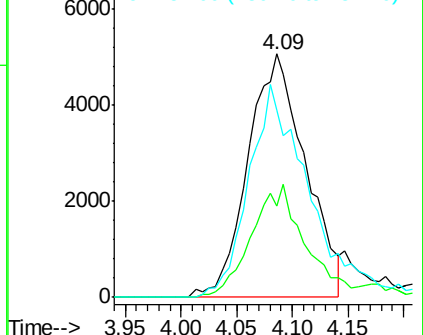
151 90.9 66.8 100.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 1.441 ug/L

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW016576.D

Acq: 18 Sep 2020 10:11

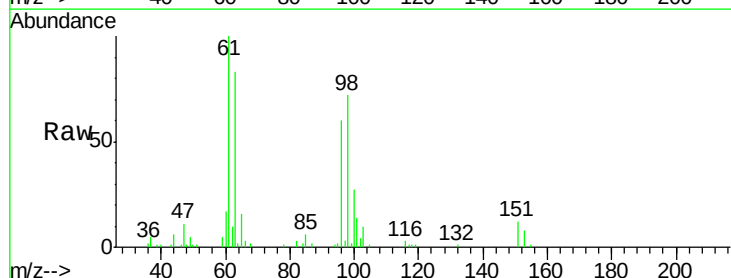
Tgt Ion: 96 Resp: 10968

Ion Ratio Lower Upper

96 100

61 167.2 112.1 208.3

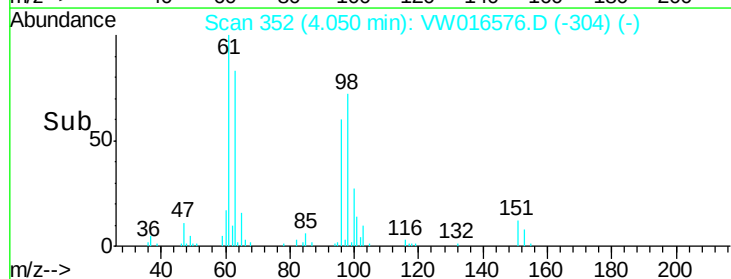
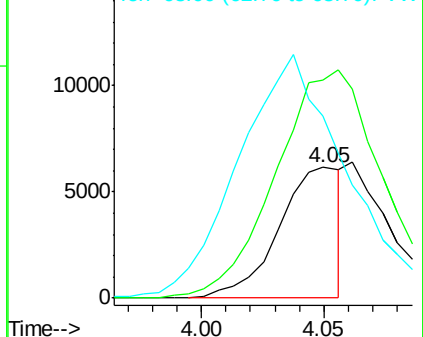
63 139.6 74.2 137.8#

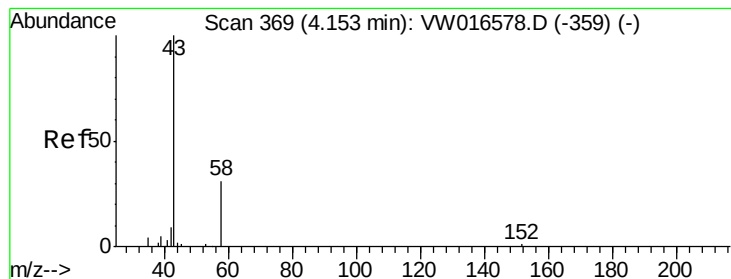


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 5.275 ug/L

RT: 4.16 min Scan# 370

Delta R.T. 0.01 min

Lab File: VW016576.D

Acq: 18 Sep 2020 10:11

Instrument :

MSVOA_W

ClientSampleId :

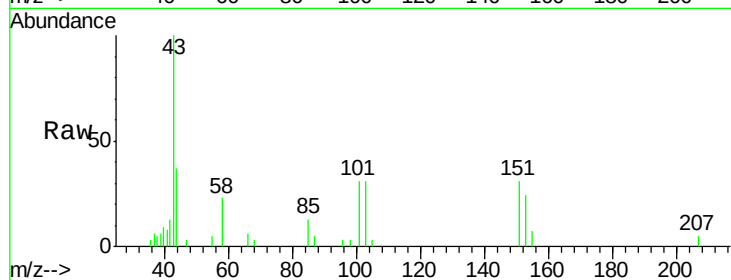
VSTD2.5105

Tgt Ion: 43 Resp: 5431

Ion Ratio Lower Upper

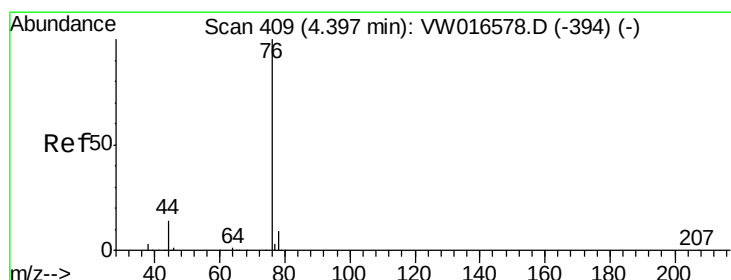
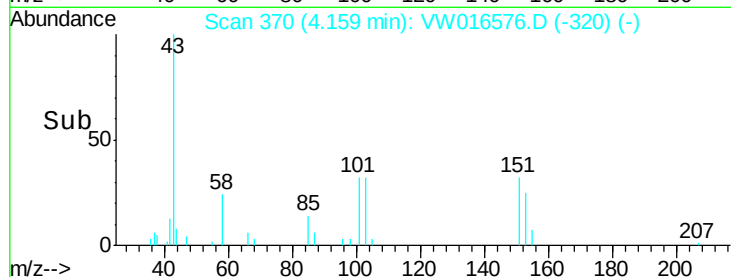
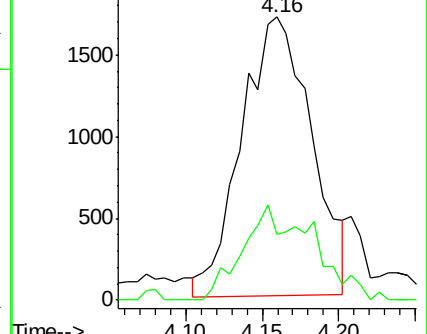
43 100

58 16.9 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 2.545 ug/L

RT: 4.40 min Scan# 410

Delta R.T. 0.01 min

Lab File: VW016576.D

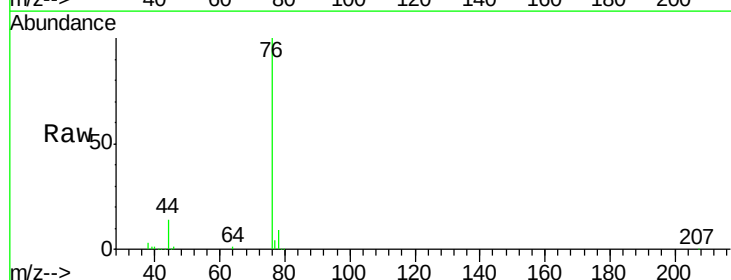
Acq: 18 Sep 2020 10:11

Tgt Ion: 76 Resp: 57533

Ion Ratio Lower Upper

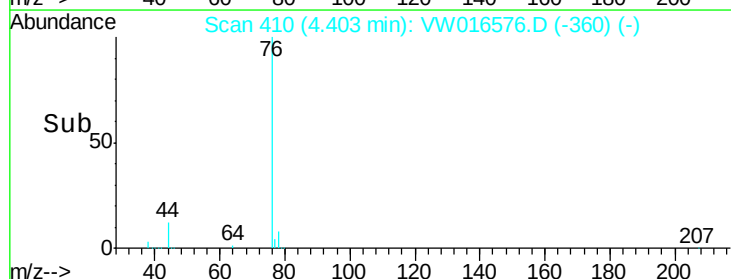
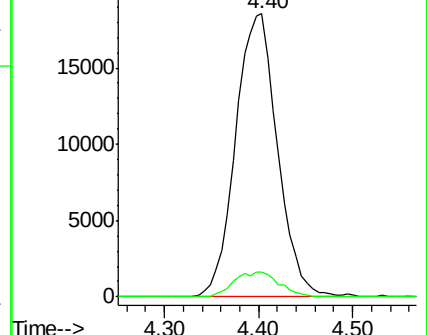
76 100

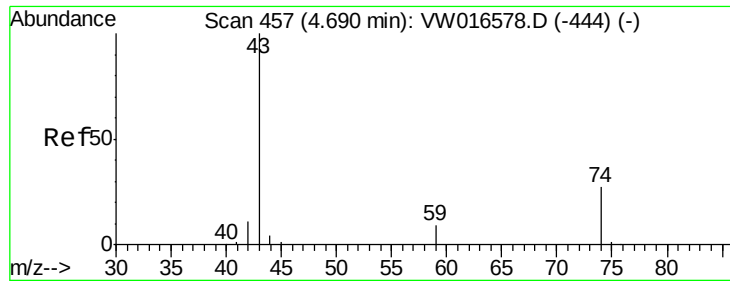
78 8.6 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

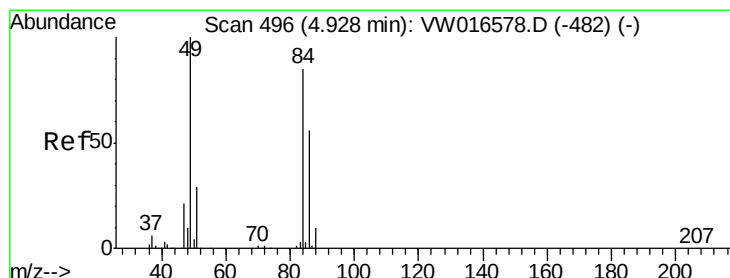
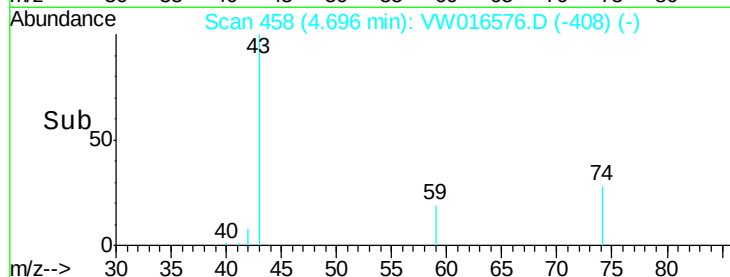
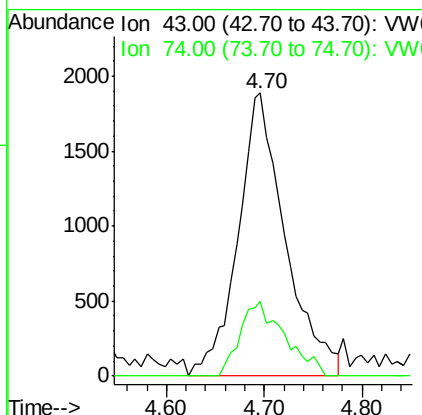
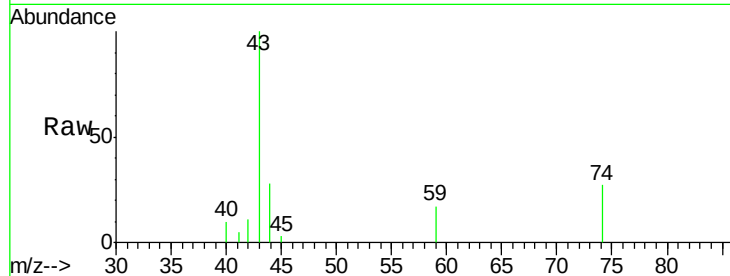




#15
Methyl Acetate
Concen: 2.567 ug/L
RT: 4.70 min Scan# 458
Delta R.T. 0.01 min
Lab File: VW016576.D
Acq: 18 Sep 2020 10:11

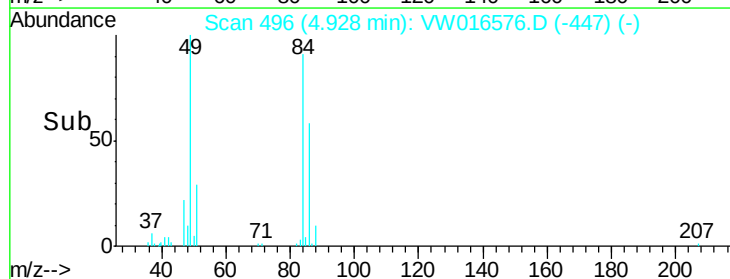
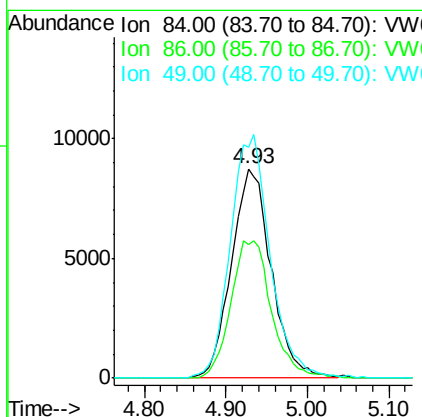
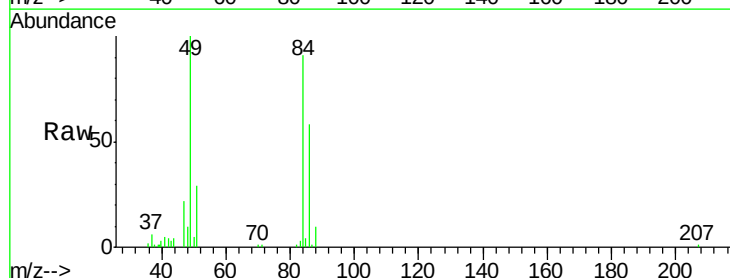
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5105

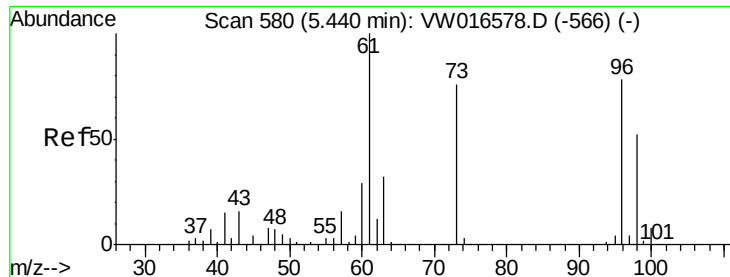
Tgt Ion: 43 Resp: 6337
Ion Ratio Lower Upper
43 100
74 14.5 21.9 32.9#



#16
Methylene chloride
Concen: 3.421 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW016576.D
Acq: 18 Sep 2020 10:11

Tgt Ion: 84 Resp: 29588
Ion Ratio Lower Upper
84 100
86 63.5 46.2 85.8
49 110.2 82.8 153.8





#17

trans-1,2-Dichloroethene

Concen: 2.539 ug/L

RT: 5.44 min Scan# 580

Delta R.T. 0.00 min

Lab File: VW016576.D

Acq: 18 Sep 2020 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5105

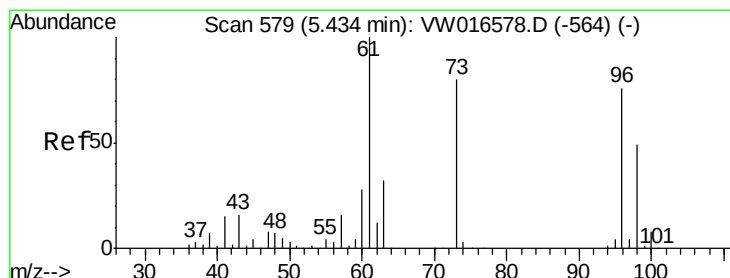
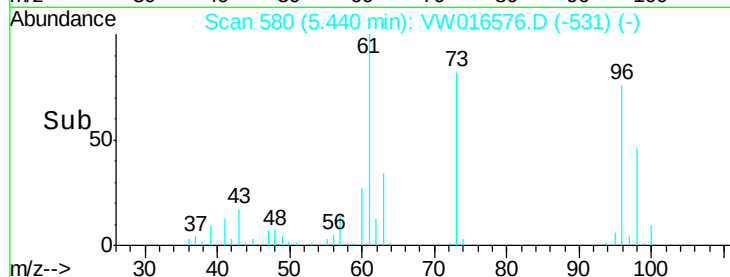
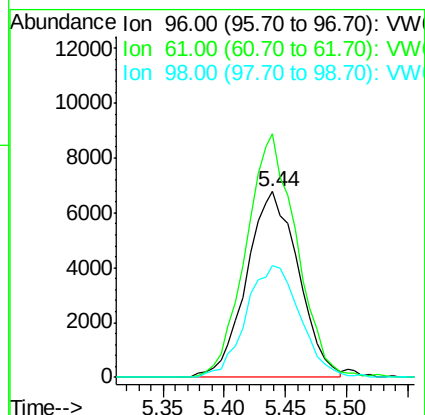
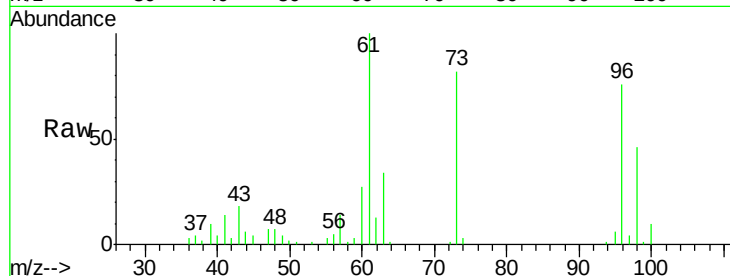
Tgt Ion: 96 Resp: 20049

Ion Ratio Lower Upper

96 100

61 131.0 89.7 166.7

98 60.4 46.4 86.2



#18

Methyl tert-butyl Ether

Concen: 2.604 ug/L

RT: 5.44 min Scan# 580

Delta R.T. 0.01 min

Lab File: VW016576.D

Acq: 18 Sep 2020 10:11

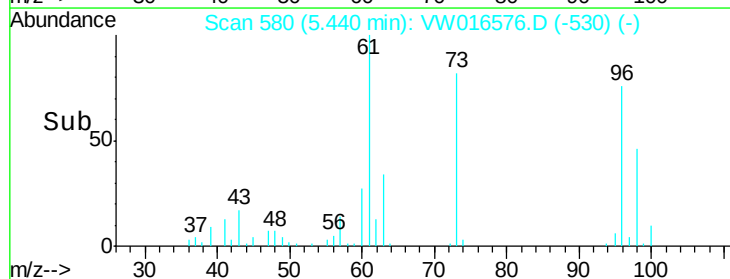
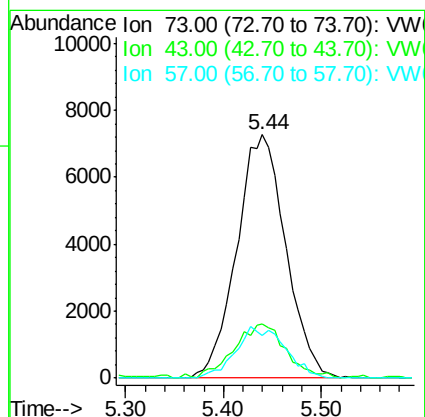
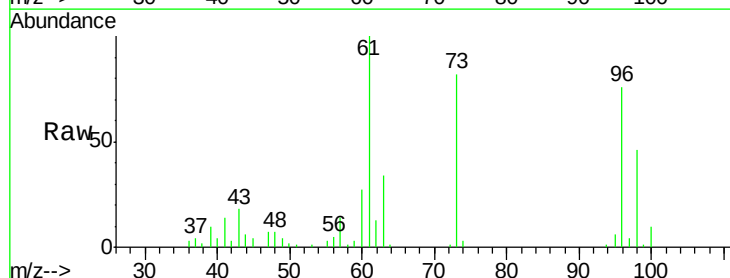
Tgt Ion: 73 Resp: 25255

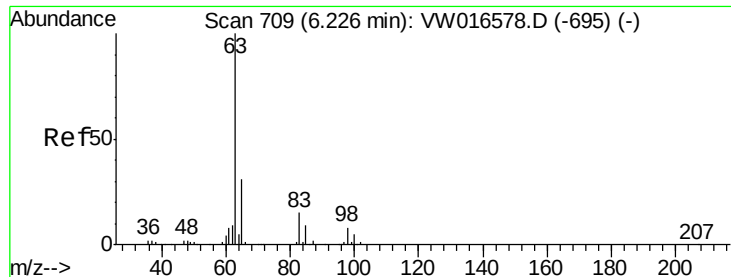
Ion Ratio Lower Upper

73 100

43 21.3 17.0 25.6

57 11.8 16.3 24.5#

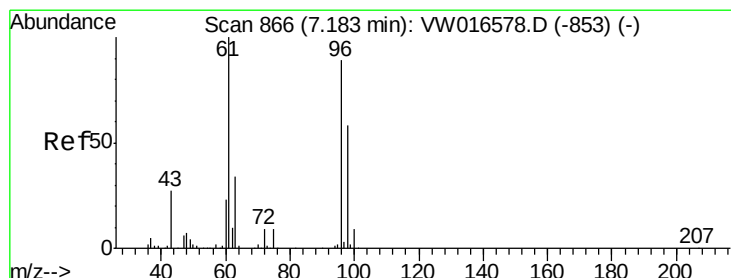
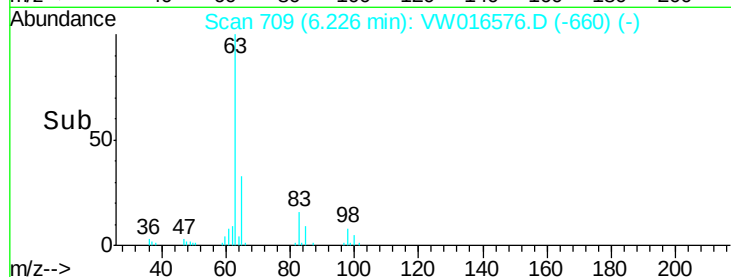
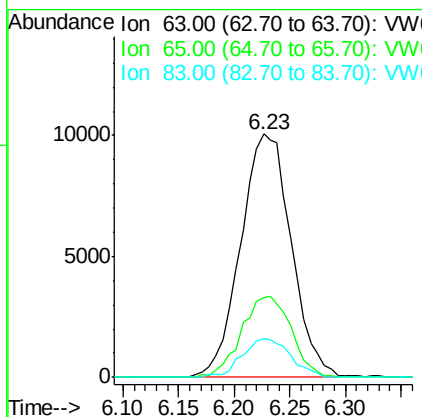
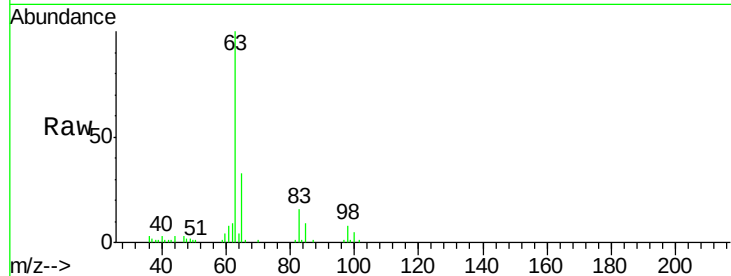




#19
 1,1-Dichloroethane
 Concen: 2.536 ug/L
 RT: 6.23 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: VW016576.D
 Acq: 18 Sep 2020 10:11

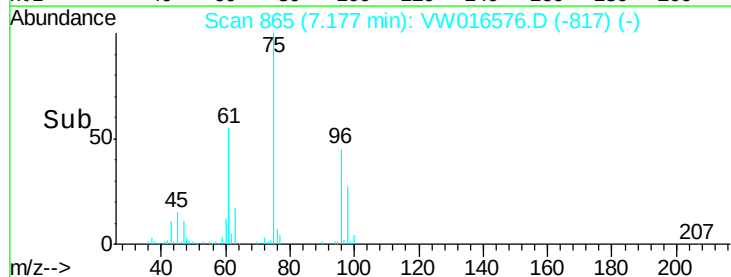
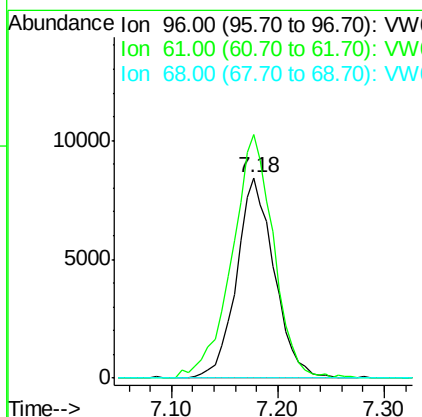
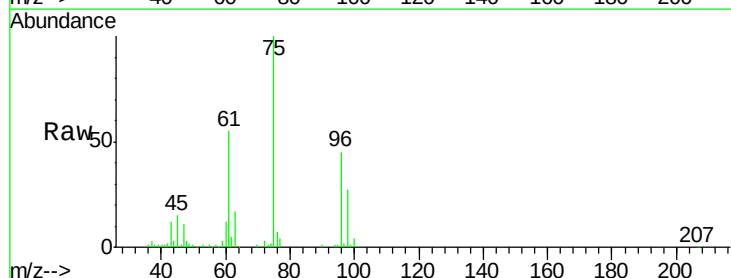
Instrument :
 MSVOA_W
 ClientSampled :
 VSTD2.5105

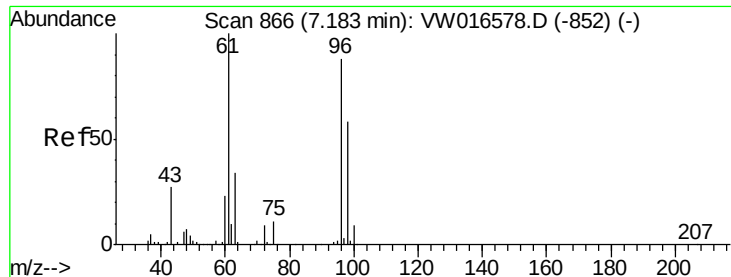
Tgt Ion	Ratio	Lower	Upper
63	100		
65	33.0	21.8	40.6
83	16.1	10.2	19.0



#20
 cis-1,2-Dichloroethene
 Concen: 2.544 ug/L
 RT: 7.18 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VW016576.D
 Acq: 18 Sep 2020 10:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	121.3	79.2	147.0
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 6.125 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW016576.D

Acq: 18 Sep 2020 10:11

Instrument :

MSVOA_W

ClientSampled :

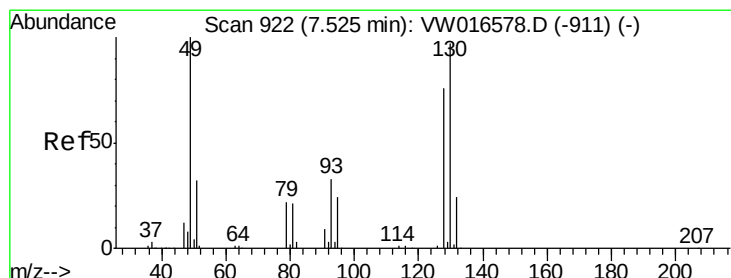
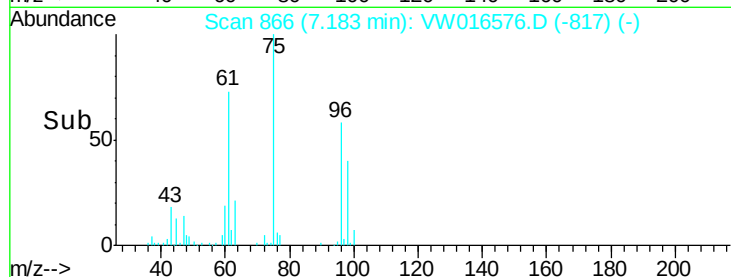
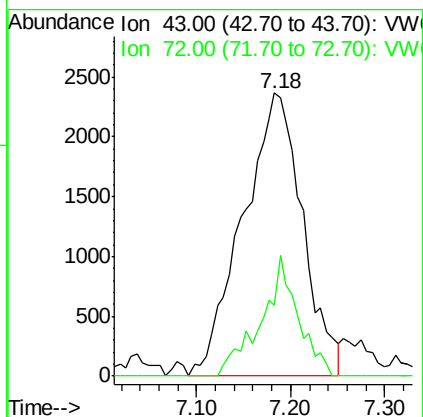
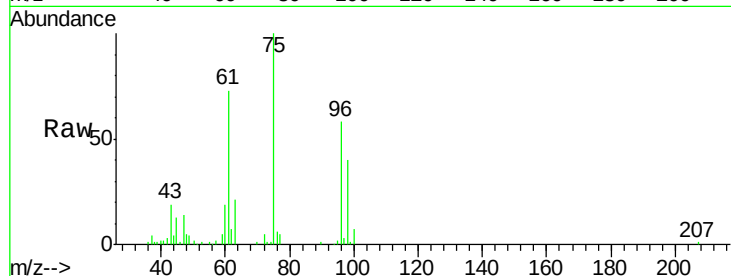
VSTD2.5105

Tgt Ion: 43 Resp: 10473

Ion Ratio Lower Upper

43 100

72 21.7 15.7 47.0



#23

Bromochloromethane

Concen: 2.518 ug/L

RT: 7.53 min Scan# 923

Delta R.T. 0.01 min

Lab File: VW016576.D

Acq: 18 Sep 2020 10:11

Tgt Ion: 128 Resp: 9718

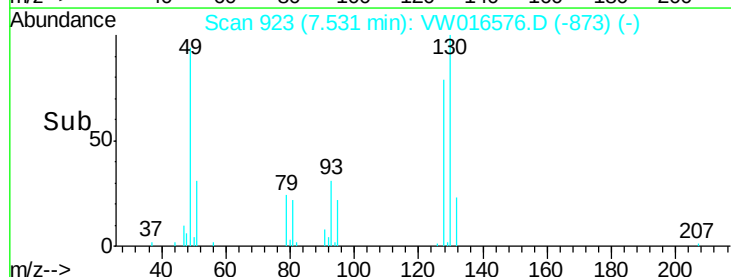
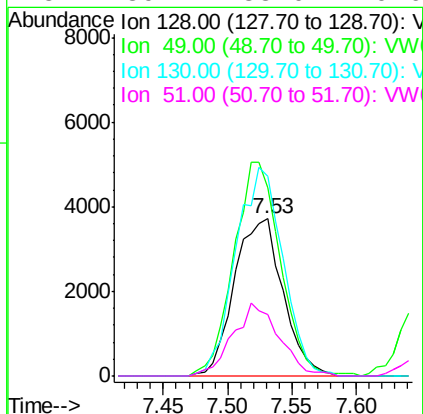
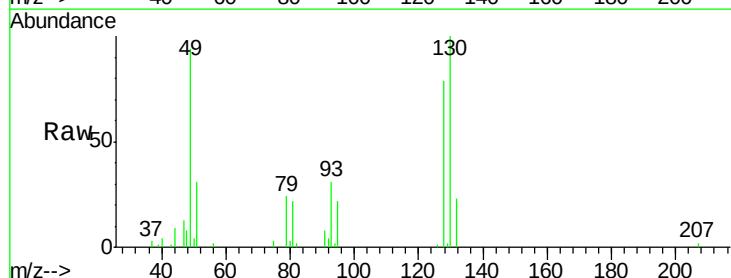
Ion Ratio Lower Upper

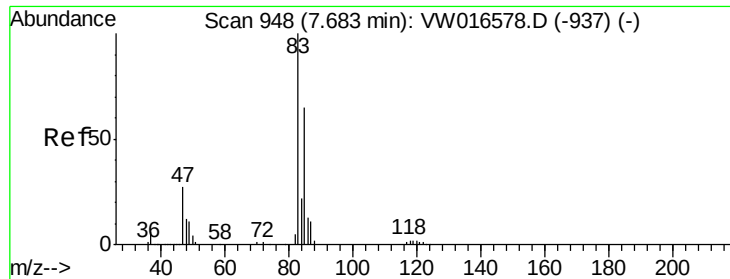
128 100

49 120.0 91.5 169.9

130 127.3 89.0 165.4

51 39.4 33.0 49.6

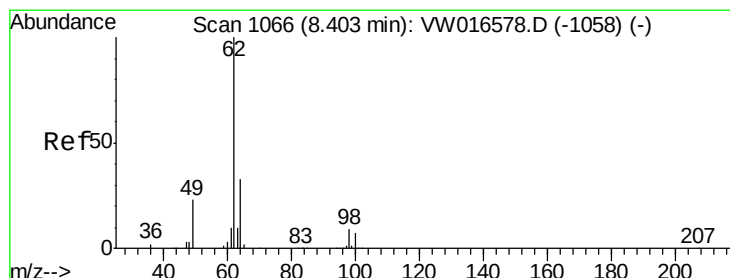
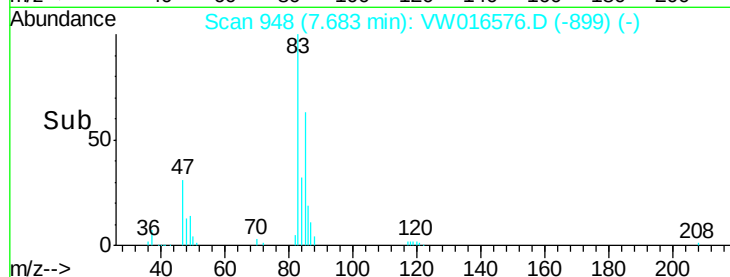
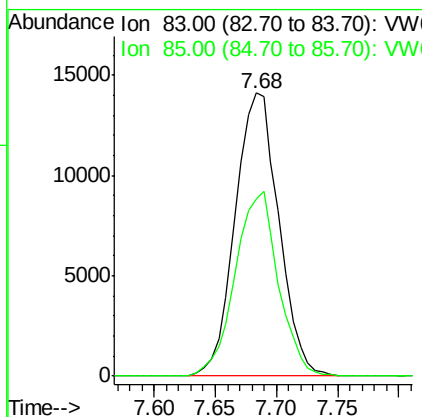
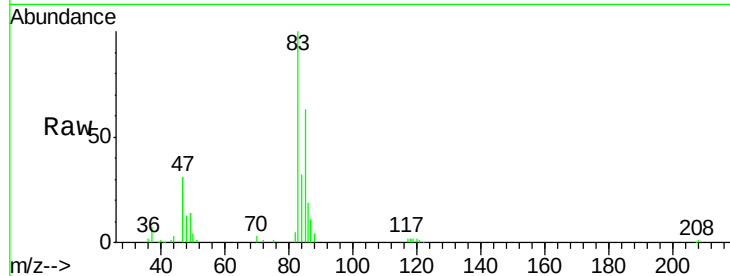




#25
Chloroform
Concen: 2.555 ug/L
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW016576.D
Acq: 18 Sep 2020 10:11

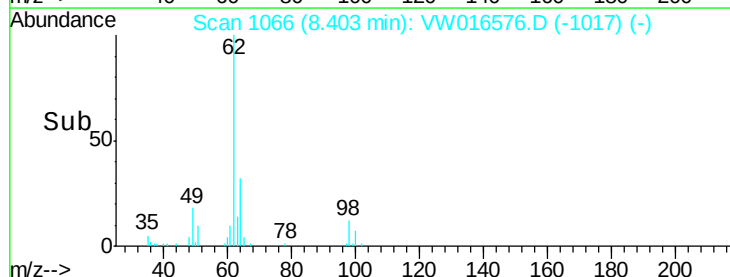
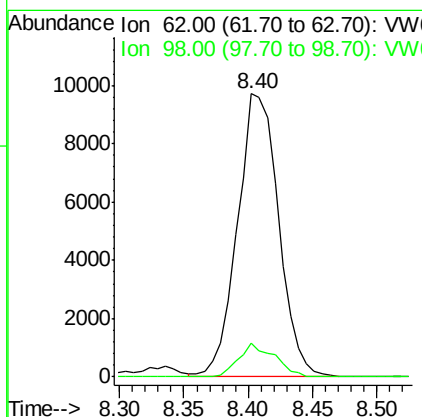
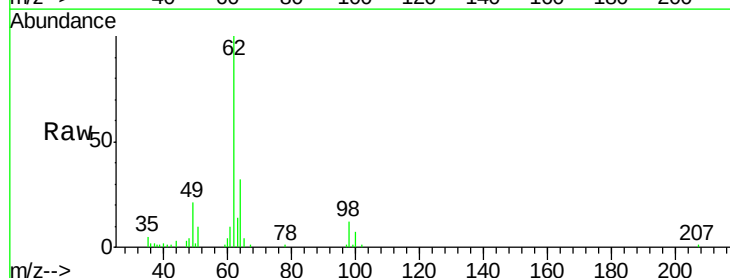
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5105

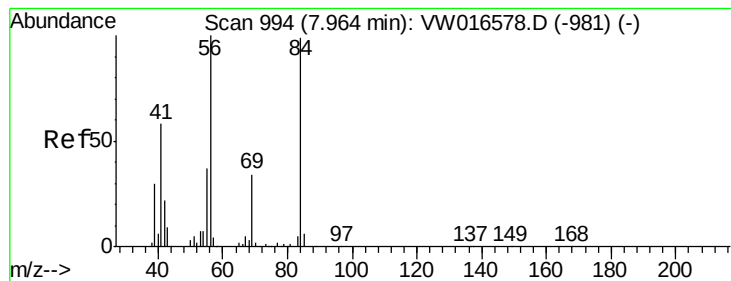
Tgt Ion: 83 Resp: 34967
Ion Ratio Lower Upper
83 100
85 62.6 45.4 84.4



#27
1,2-Dichloroethane
Concen: 2.536 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016576.D
Acq: 18 Sep 2020 10:11

Tgt Ion: 62 Resp: 21545
Ion Ratio Lower Upper
62 100
98 11.7 7.3 10.9#





#29

Cyclohexane

Concen: 2.655 ug/L

RT: 7.96 min Scan# 994

Delta R.T. 0.00 min

Lab File: VW016576.D

Acq: 18 Sep 2020 10:11

Instrument :

MSVOA_W

ClientSampled :

VSTD2.5105

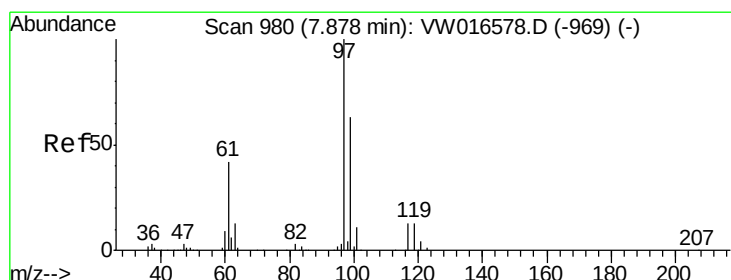
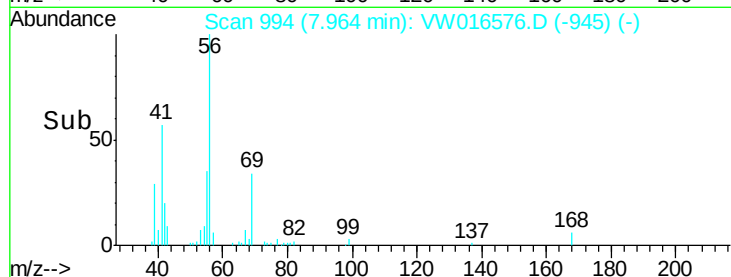
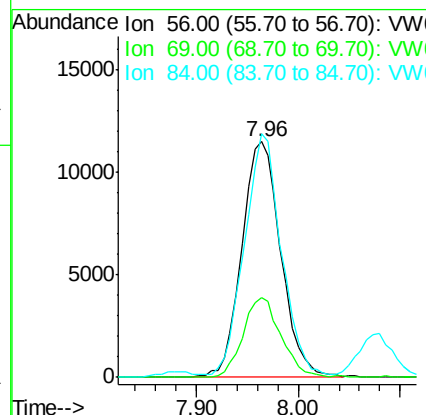
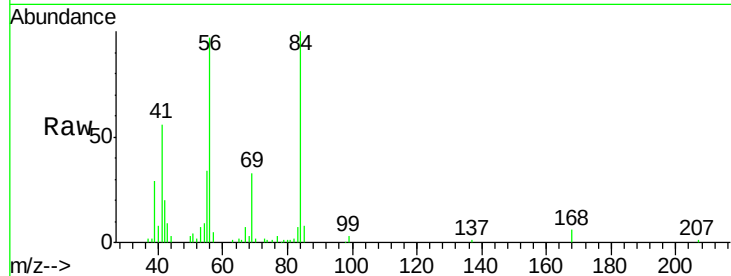
Tgt Ion: 56 Resp: 30518

Ion Ratio Lower Upper

56 100

69 32.8 26.4 39.6

84 98.5 79.9 119.9



#30

1,1,1-Trichloroethane

Concen: 2.597 ug/L

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW016576.D

Acq: 18 Sep 2020 10:11

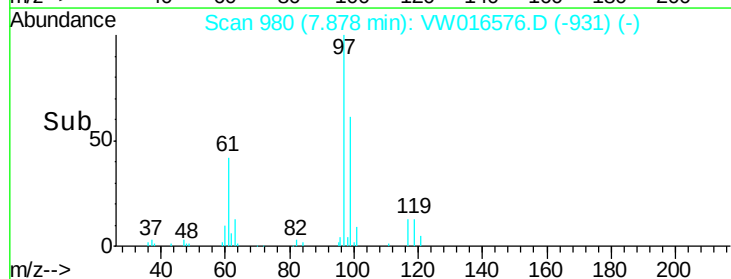
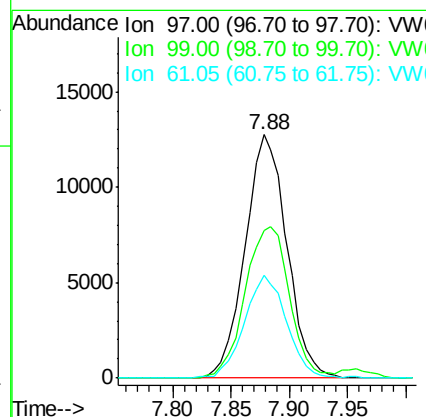
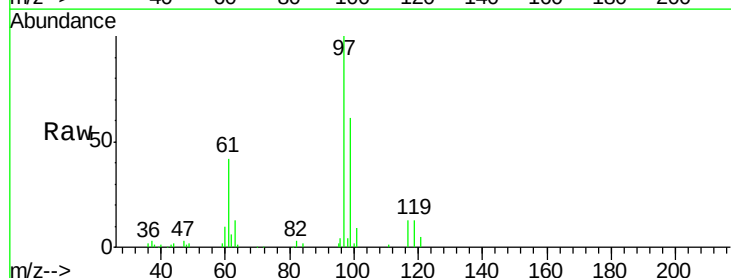
Tgt Ion: 97 Resp: 31855

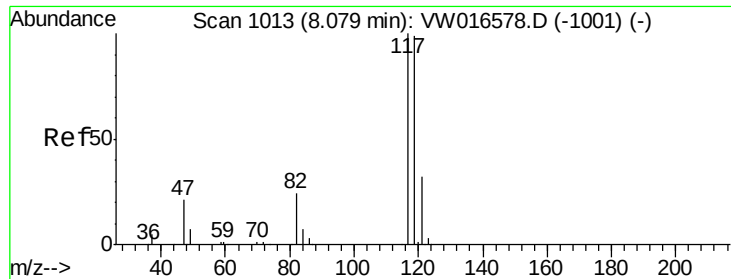
Ion Ratio Lower Upper

97 100

99 66.2 50.9 76.3

61 42.6 33.2 49.8

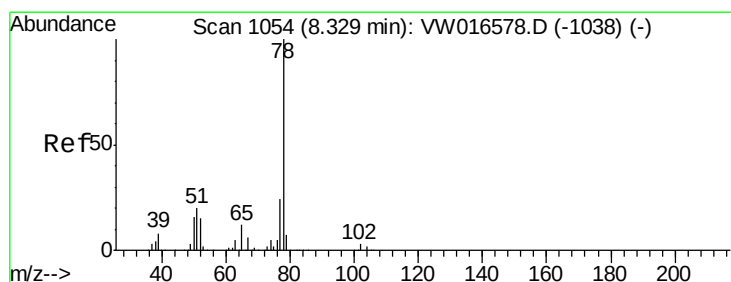
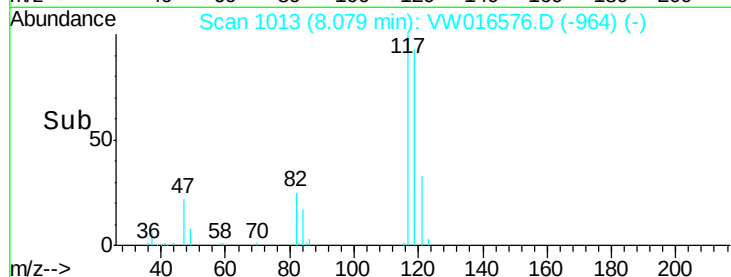
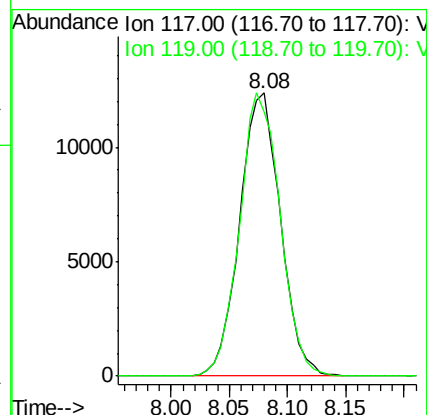
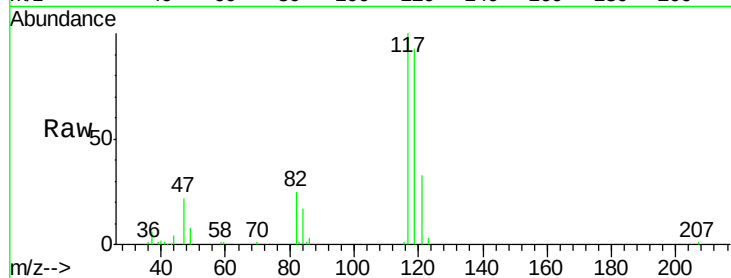




#31
Carbon tetrachloride
Concen: 2.534 ug/L
RT: 8.08 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VW016576.D
Acq: 18 Sep 2020 10:11

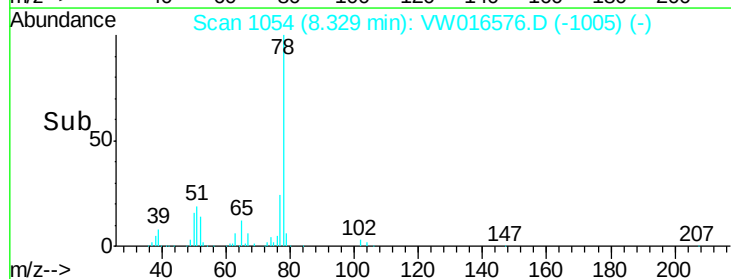
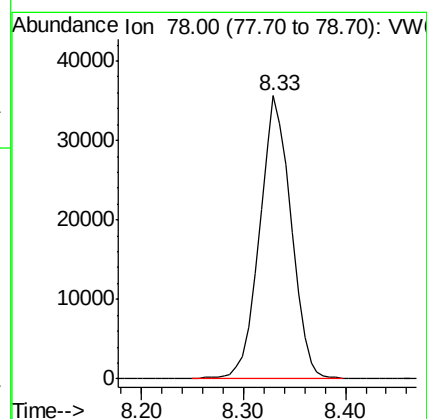
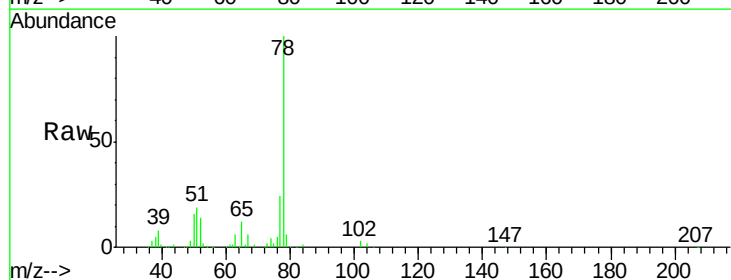
Instrument :
MSVOA_W
ClientSampled :
VSTD2.5105

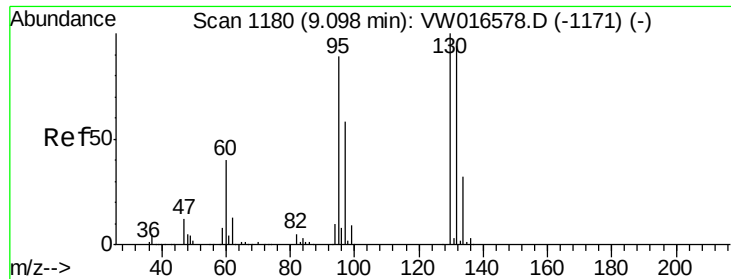
Tgt Ion:117 Resp: 30269
Ion Ratio Lower Upper
117 100
119 99.5 76.7 115.1



#33
Benzene
Concen: 2.687 ug/L
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW016576.D
Acq: 18 Sep 2020 10:11

Tgt Ion: 78 Resp: 76614

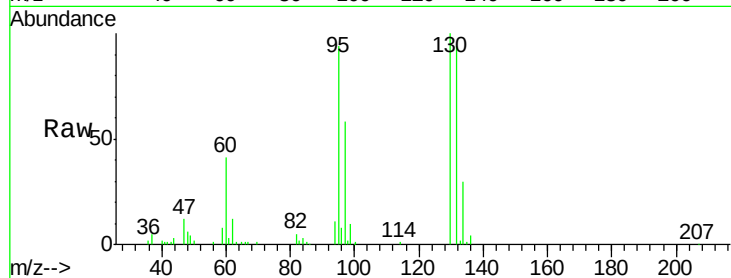




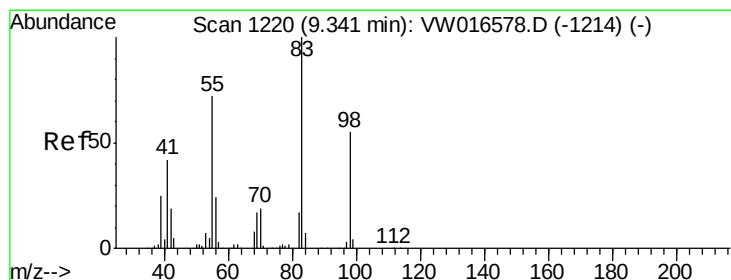
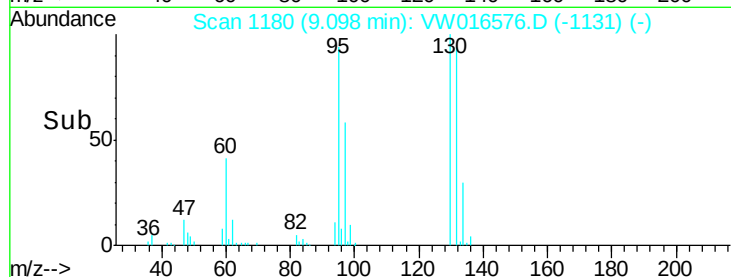
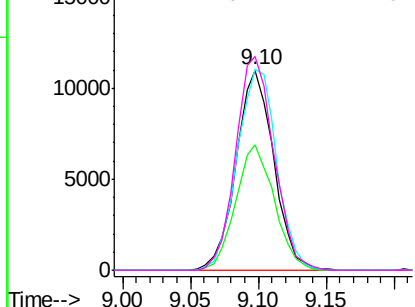
#34
 Trichloroethene
 Concen: 2.583 ug/L
 RT: 9.10 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VW016576.D
 Acq: 18 Sep 2020 10:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5105

Tgt Ion: 95 Resp: 21128
 Ion Ratio Lower Upper
 95 100
 97 62.4 45.1 83.9
 132 100.2 73.8 137.2
 130 106.7 78.3 145.5

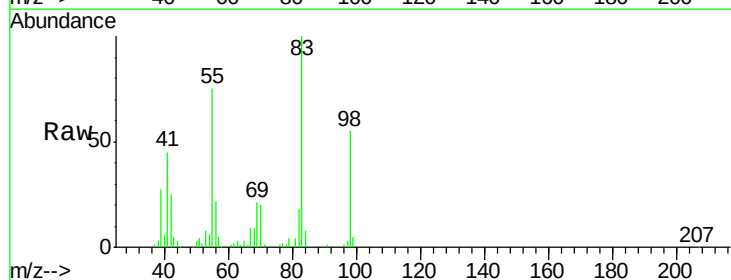


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

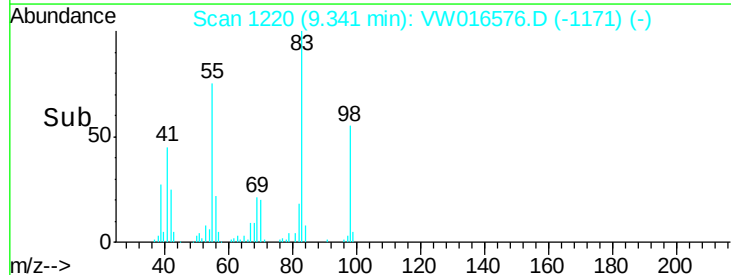
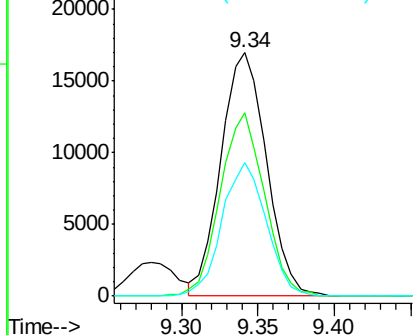


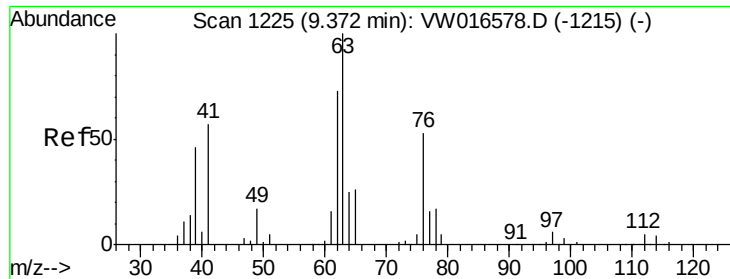
#35
 Methylcyclohexane
 Concen: 2.567 ug/L
 RT: 9.34 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: VW016576.D
 Acq: 18 Sep 2020 10:11

Tgt Ion: 83 Resp: 35074
 Ion Ratio Lower Upper
 83 100
 55 73.1 55.9 83.9
 98 53.3 41.5 62.3



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

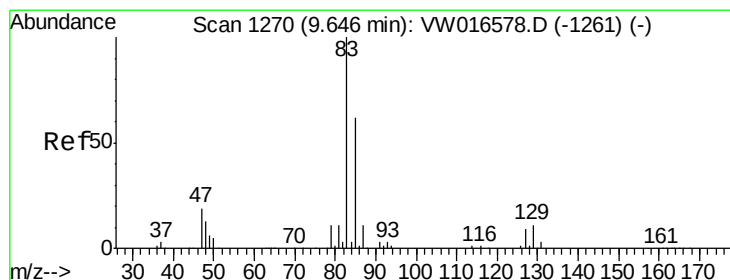
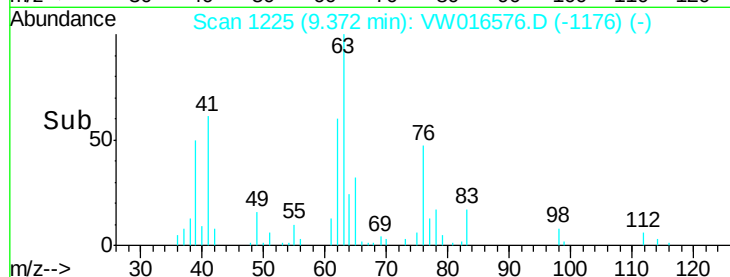
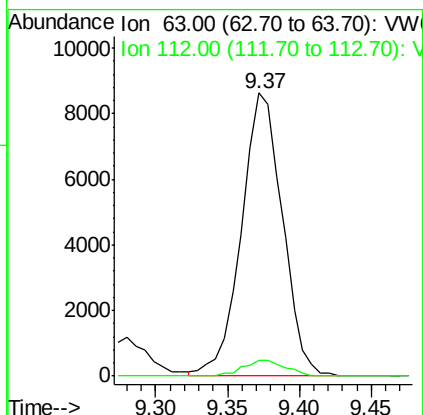
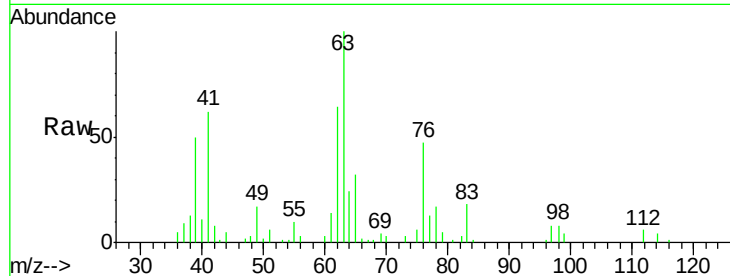




#37
 1,2-Dichloropropane
 Concen: 2.625 ug/L
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016576.D
 Acq: 18 Sep 2020 10:11

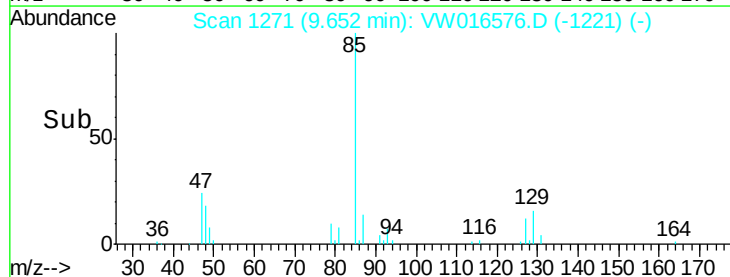
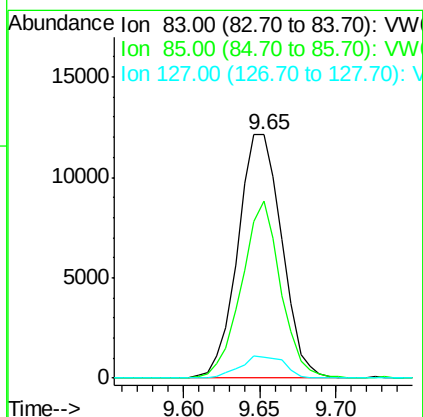
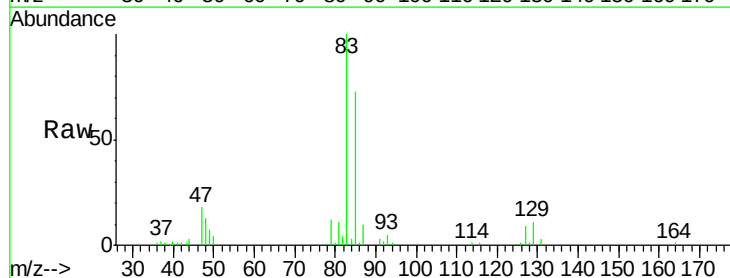
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5105

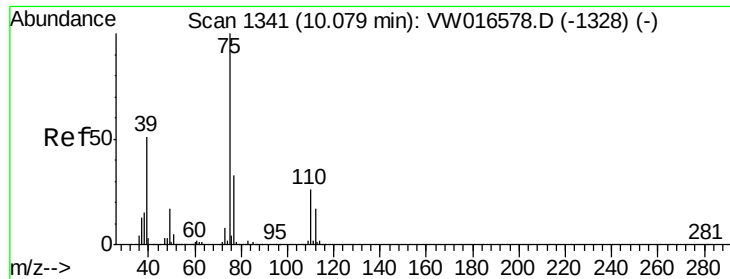
Tgt Ion: 63 Resp: 17070
 Ion Ratio Lower Upper
 63 100
 112 5.6 4.2 6.4



#38
 Bromodichloromethane
 Concen: 2.514 ug/L
 RT: 9.65 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: VW016576.D
 Acq: 18 Sep 2020 10:11

Tgt Ion: 83 Resp: 24237
 Ion Ratio Lower Upper
 83 100
 85 72.8 43.7 81.1
 127 8.8 7.4 11.2

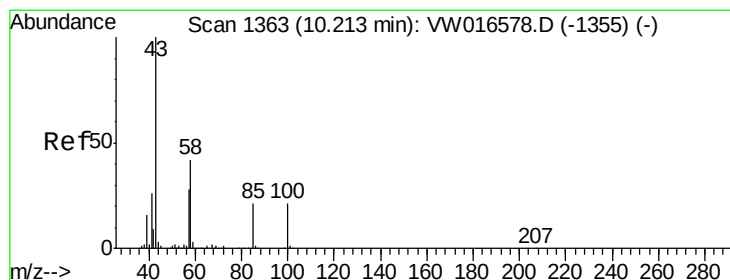
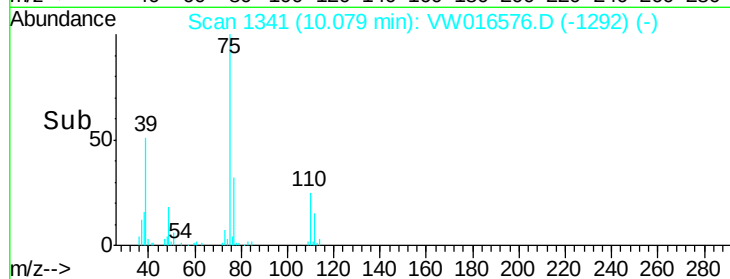
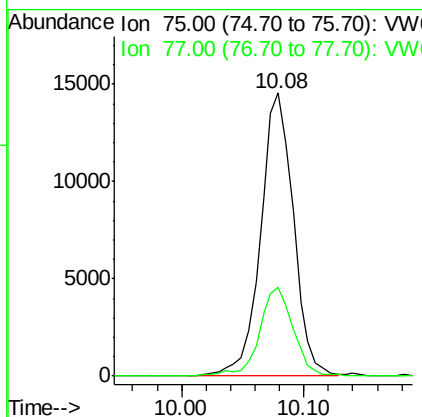
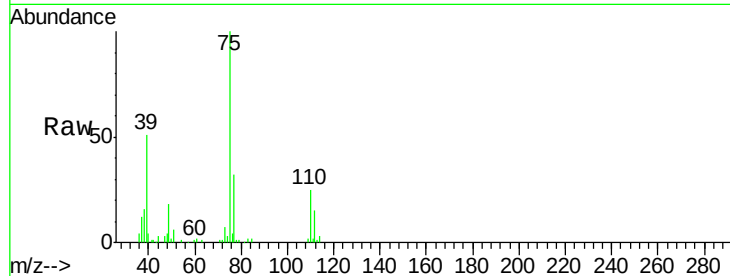




#39
 cis-1,3-Dichloropropene
 Concen: 2.453 ug/L
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: VW016576.D
 Acq: 18 Sep 2020 10:11

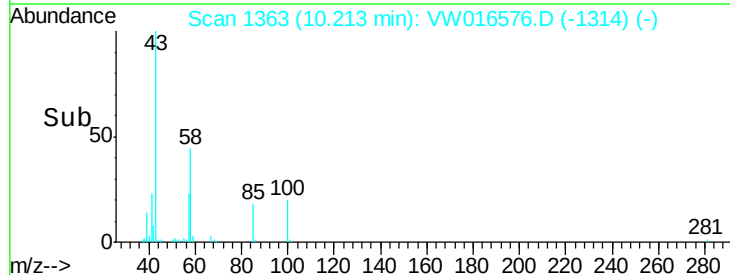
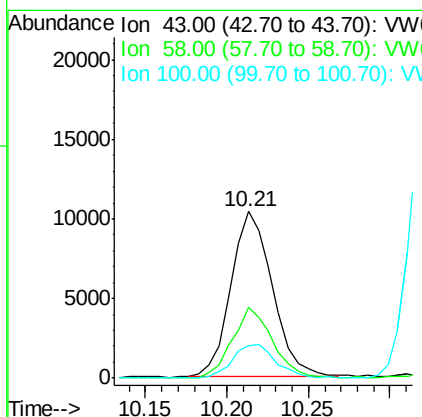
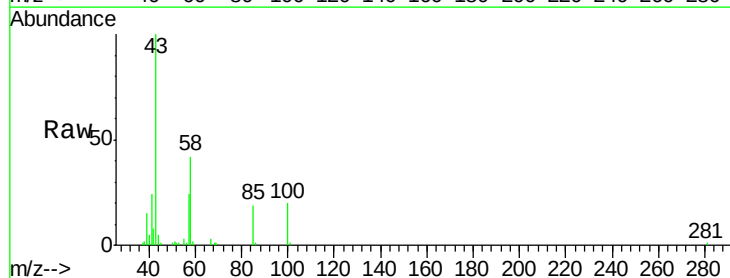
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5105

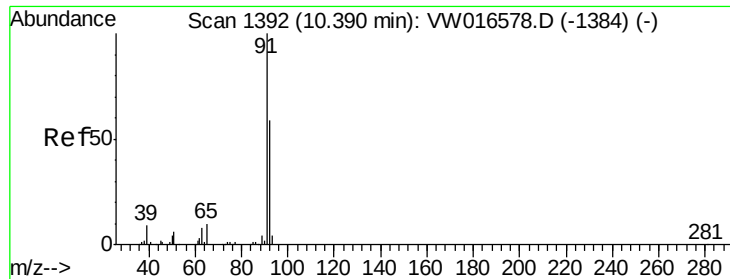
Tgt Ion: 75 Resp: 27230
 Ion Ratio Lower Upper
 75 100
 77 31.5 23.0 42.6



#40
 4-Methyl-2-pentanone
 Concen: 5.036 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW016576.D
 Acq: 18 Sep 2020 10:11

Tgt Ion: 43 Resp: 18346
 Ion Ratio Lower Upper
 43 100
 58 41.6 33.0 49.4
 100 21.2 16.0 24.0





#42

Toluene

Concen: 2.579 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016576.D

Acq: 18 Sep 2020 10:11

Instrument :

MSVOA_W

ClientSampled :

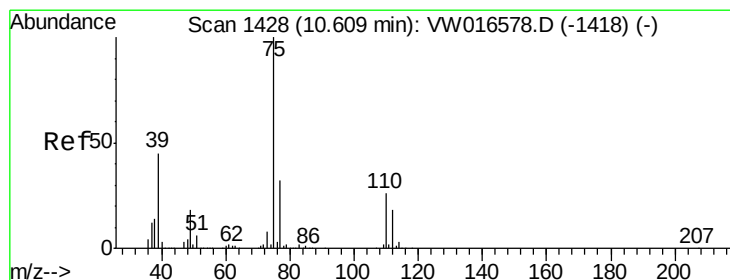
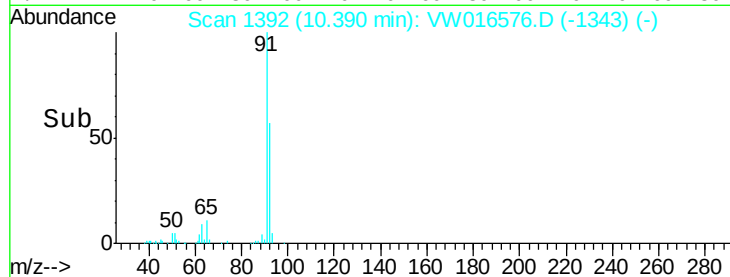
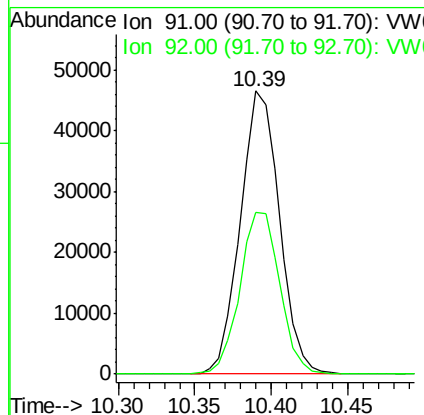
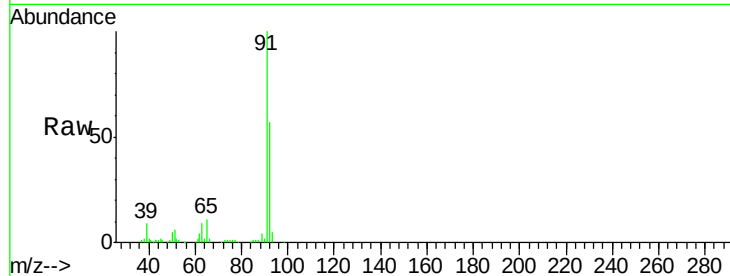
VSTD2.5105

Tgt Ion: 91 Resp: 82865

Ion Ratio Lower Upper

91 100

92 56.9 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 2.377 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW016576.D

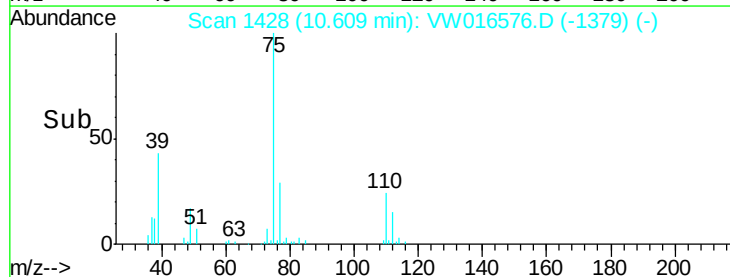
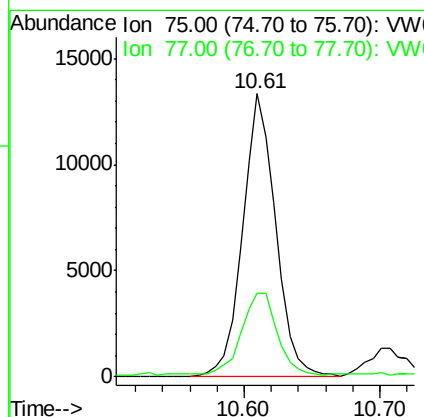
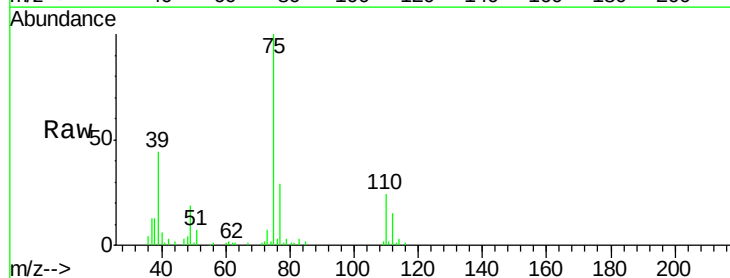
Acq: 18 Sep 2020 10:11

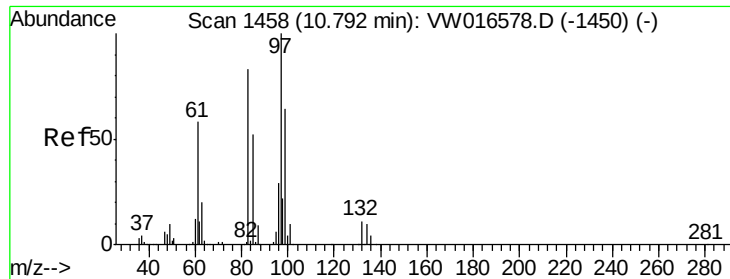
Tgt Ion: 75 Resp: 22630

Ion Ratio Lower Upper

75 100

77 29.5 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 2.528 ug/L

RT: 10.79 min Scan# 1458

Delta R.T. 0.00 min

Lab File: VW016576.D

Acq: 18 Sep 2020 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5105

Tgt Ion: 97 Resp: 13350

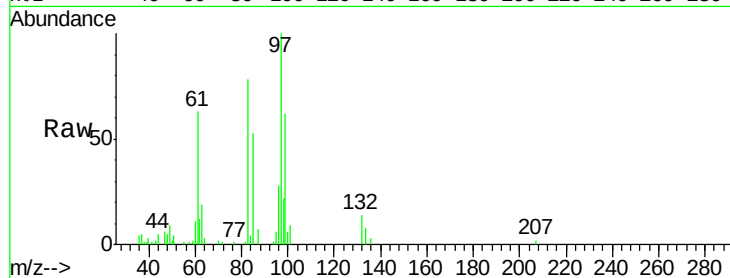
Ion Ratio Lower Upper

97 100

99 61.6 44.5 82.7

83 78.3 58.4 108.4

85 53.4 36.8 68.3

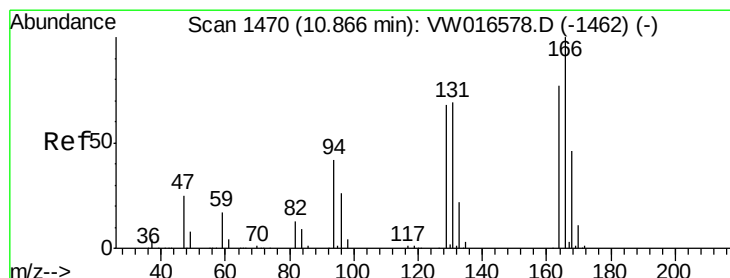
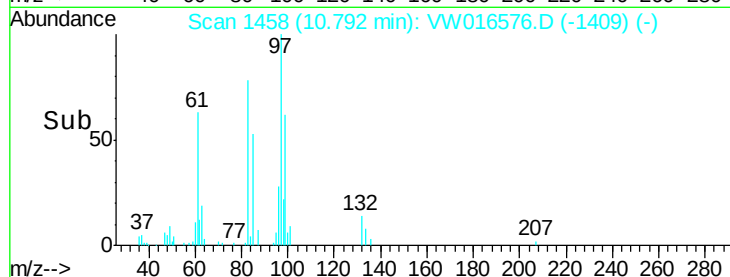
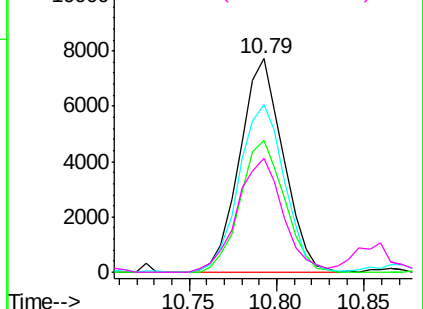


Abundance Ion 97.00 (96.70 to 97.70): VW

Ion 99.00 (98.70 to 99.70): VW

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW



#46

Tetrachloroethene

Concen: 2.636 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016576.D

Acq: 18 Sep 2020 10:11

Tgt Ion: 164 Resp: 19449

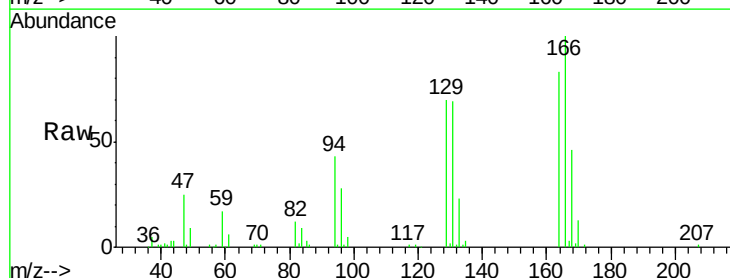
Ion Ratio Lower Upper

164 100

129 83.5 61.4 114.0

131 82.5 62.8 116.6

166 120.0 90.8 168.6

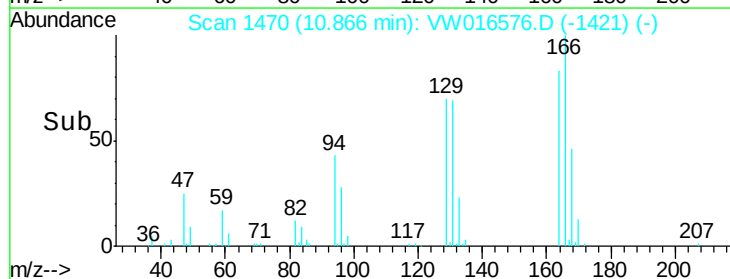
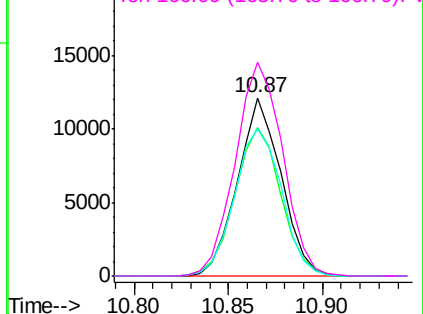


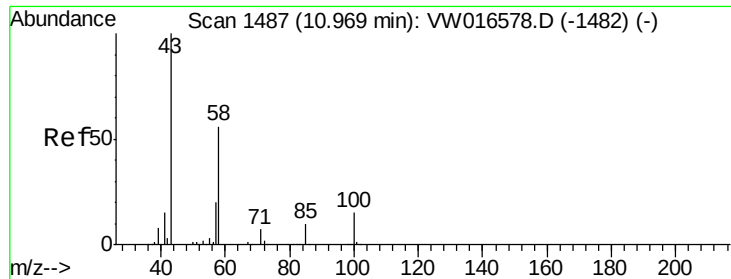
Abundance Ion 164.00 (163.70 to 164.70): V

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

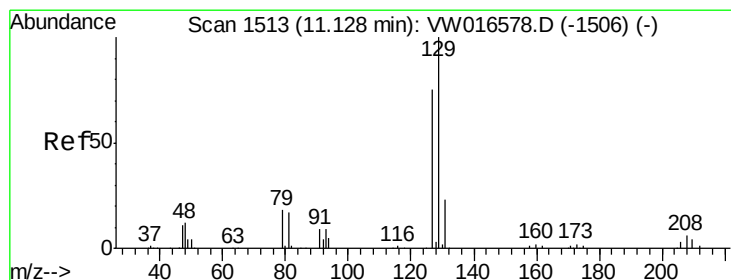
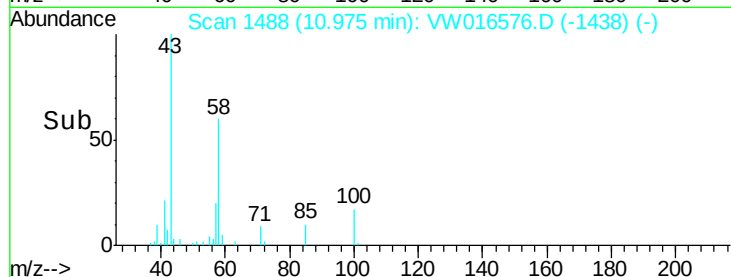
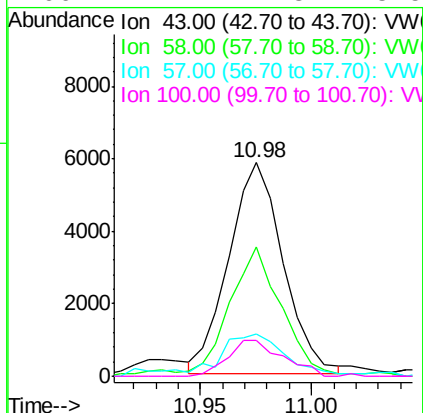
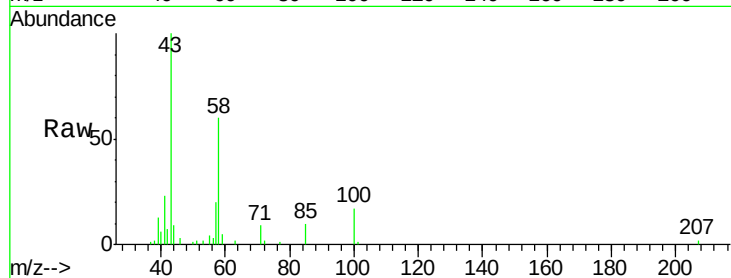




#48
2-Hexanone
Concen: 4.313 ug/L
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW016576.D
Acq: 18 Sep 2020 10:11

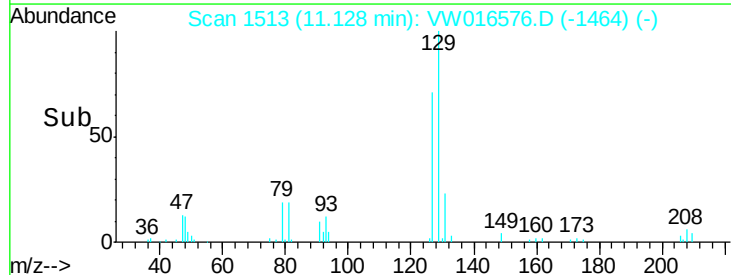
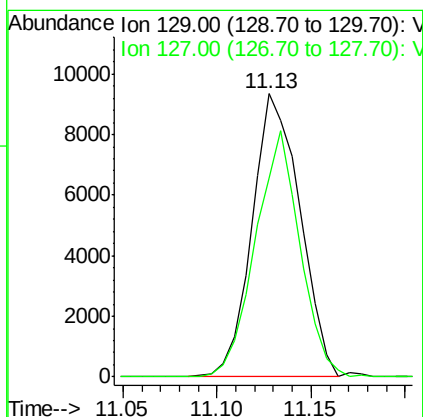
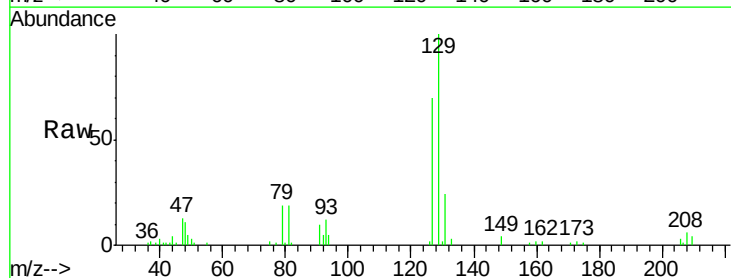
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5105

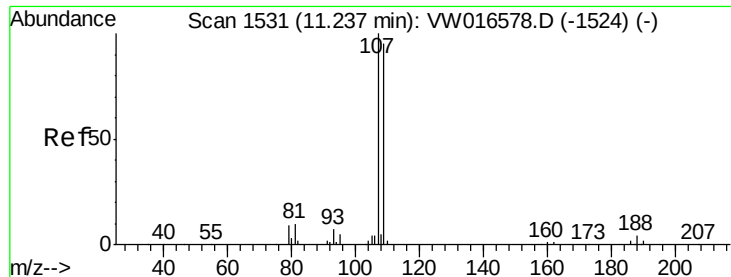
Tgt Ion: 43 Resp: 9917
Ion Ratio Lower Upper
43 100
58 58.4 45.9 68.9
57 23.4 16.6 24.8
100 17.1 12.3 18.5



#49
Dibromochloromethane
Concen: 2.369 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW016576.D
Acq: 18 Sep 2020 10:11

Tgt Ion: 129 Resp: 16425
Ion Ratio Lower Upper
129 100
127 70.2 52.5 97.5

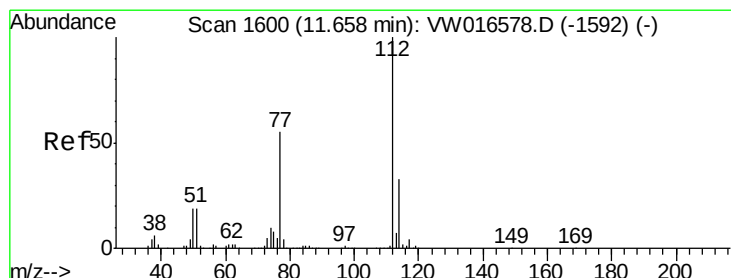
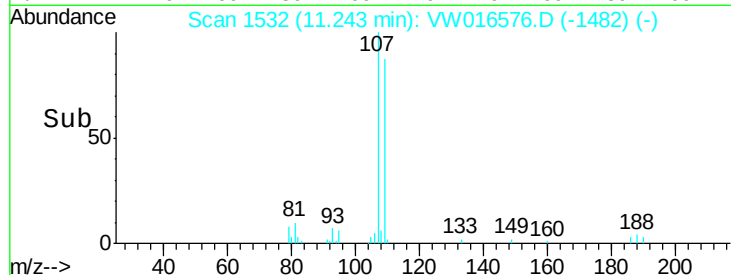
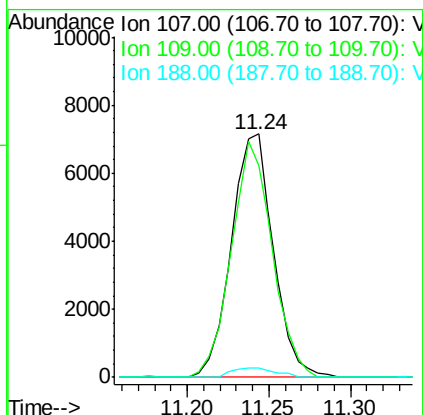
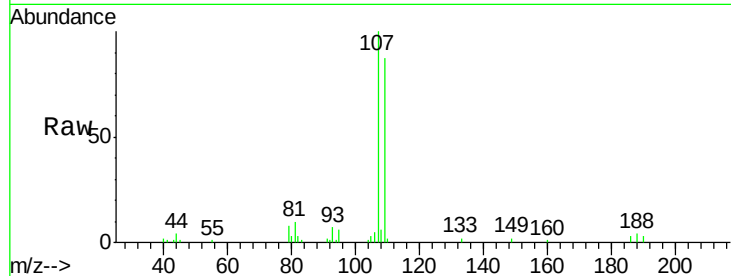




#50
1,2-Dibromoethane
Concen: 2.448 ug/L
RT: 11.24 min Scan# 1532
Delta R.T. 0.01 min
Lab File: VW016576.D
Acq: 18 Sep 2020 10:11

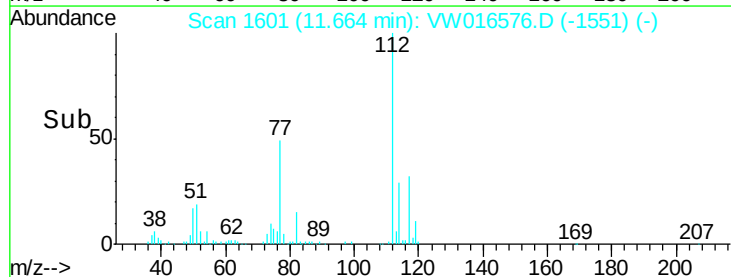
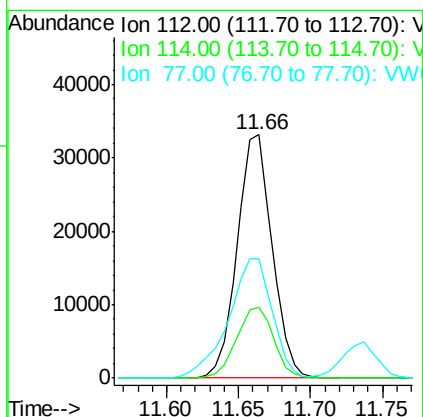
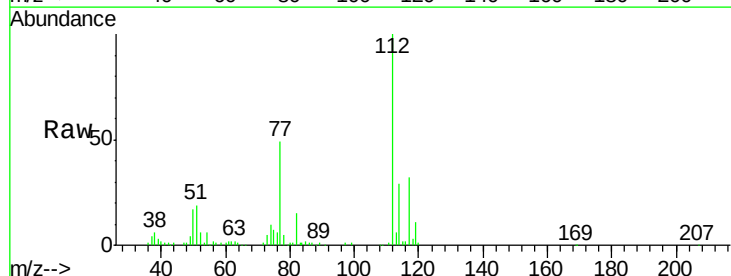
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5105

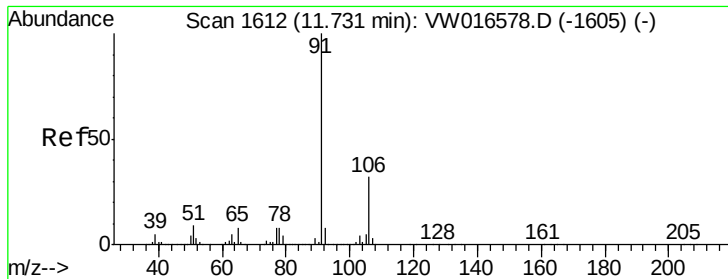
Tgt Ion:107 Resp: 12805
Ion Ratio Lower Upper
107 100
109 86.8 66.2 123.0
188 3.9 3.3 4.9



#51
Chlorobenzene
Concen: 2.623 ug/L
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW016576.D
Acq: 18 Sep 2020 10:11

Tgt Ion:112 Resp: 55874
Ion Ratio Lower Upper
112 100
114 28.9 22.9 42.5
77 49.1 43.8 65.8





#52

Ethylbenzene

Concen: 2.583 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW016576.D

Acq: 18 Sep 2020 10:11

Instrument :

MSVOA_W

ClientSampleId :

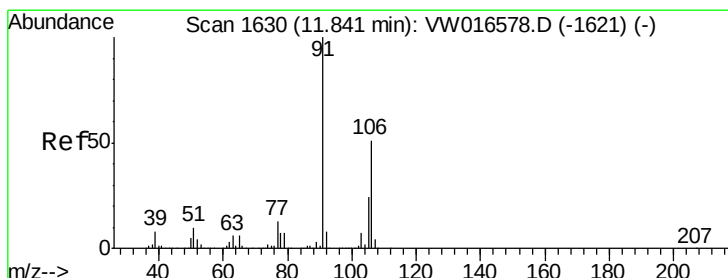
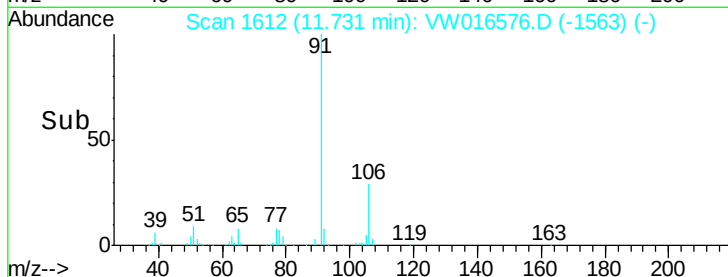
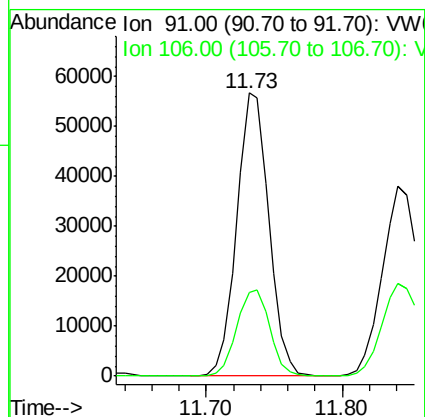
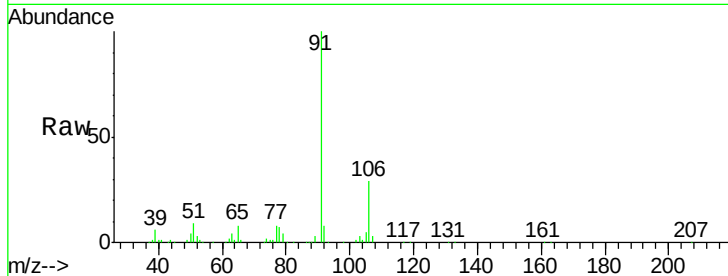
VSTD2.5105

Tgt Ion: 91 Resp: 93438

Ion Ratio Lower Upper

91 100

106 29.5 22.0 41.0



#53

m,p-Xylene

Concen: 2.527 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW016576.D

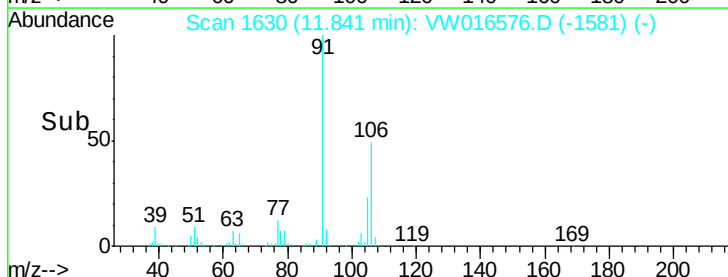
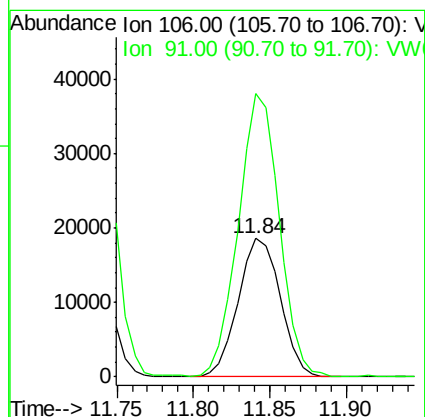
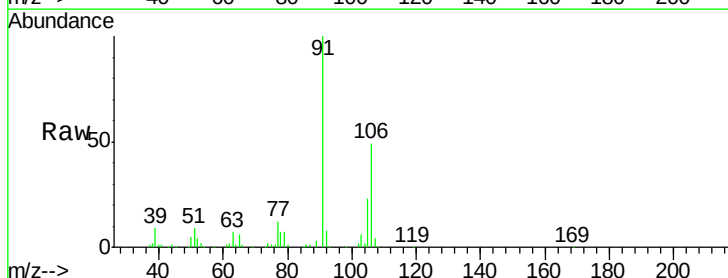
Acq: 18 Sep 2020 10:11

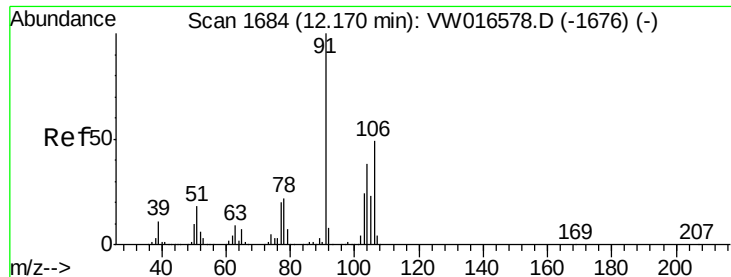
Tgt Ion: 106 Resp: 35615

Ion Ratio Lower Upper

106 100

91 204.5 136.2 252.9

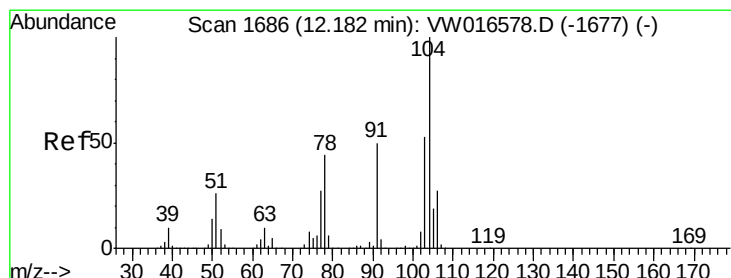
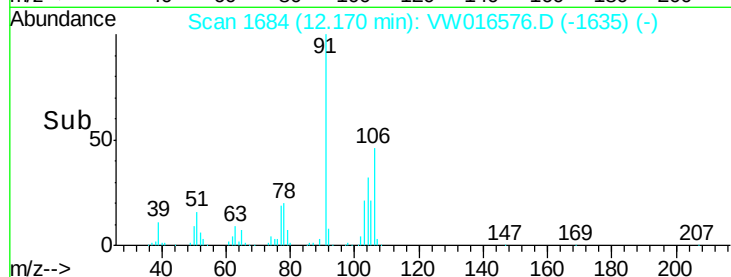
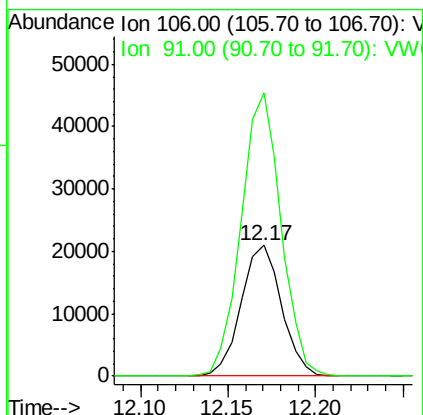
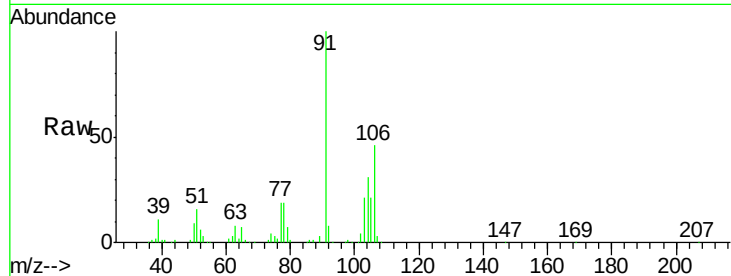




#54
o-Xylene
Concen: 2.541 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016576.D
Acq: 18 Sep 2020 10:11

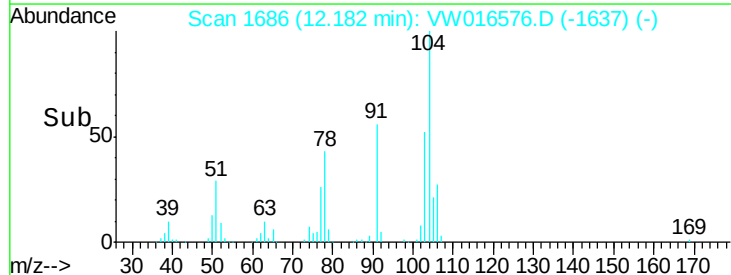
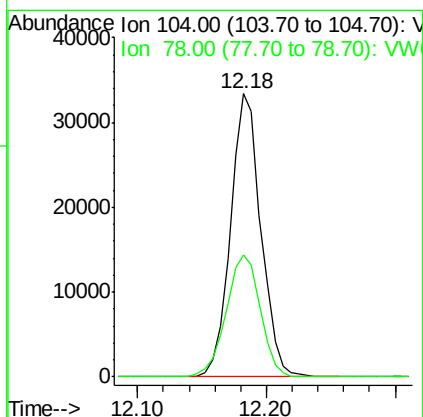
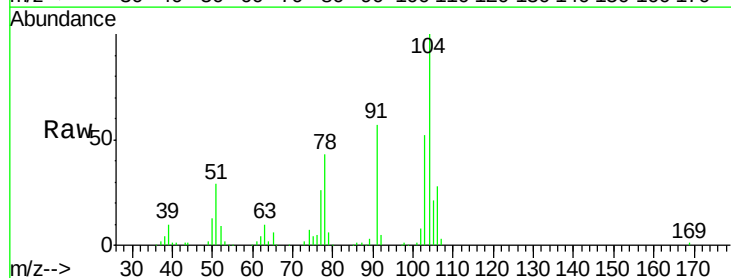
Instrument :
MSVOA_W
ClientSampled :
VSTD2.5105

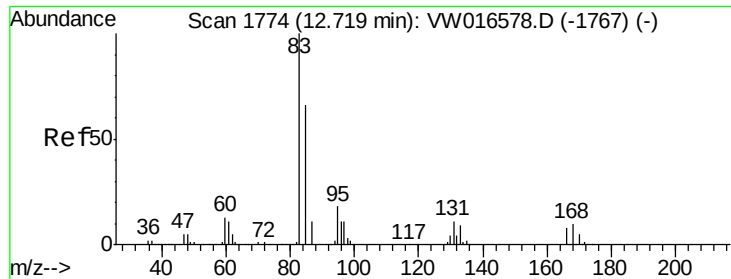
Tgt Ion:106 Resp: 33896
Ion Ratio Lower Upper
106 100
91 216.4 143.4 266.2



#55
Styrene
Concen: 2.466 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016576.D
Acq: 18 Sep 2020 10:11

Tgt Ion:104 Resp: 54759
Ion Ratio Lower Upper
104 100
78 43.2 31.1 57.9

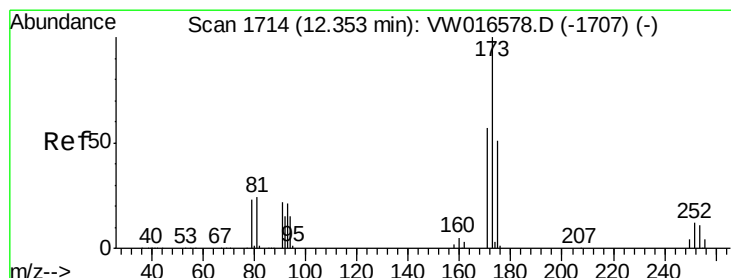
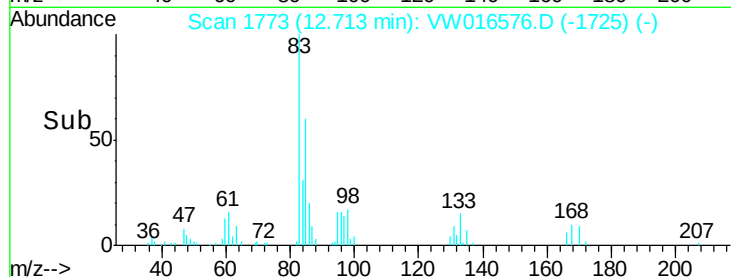
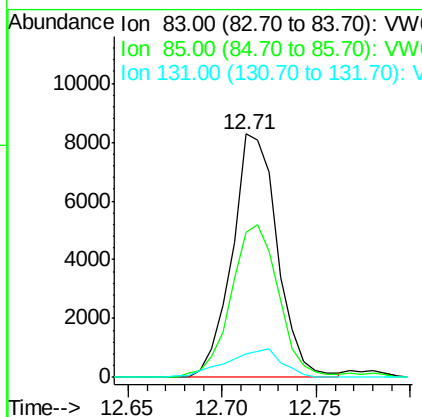
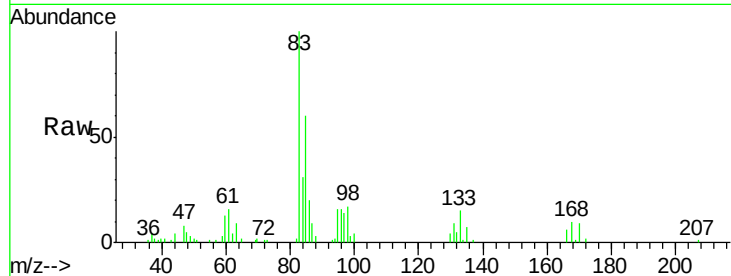




#57
 1,1,2,2-Tetrachloroethane
 Concen: 2.421 ug/L
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: VW016576.D
 Acq: 18 Sep 2020 10:11

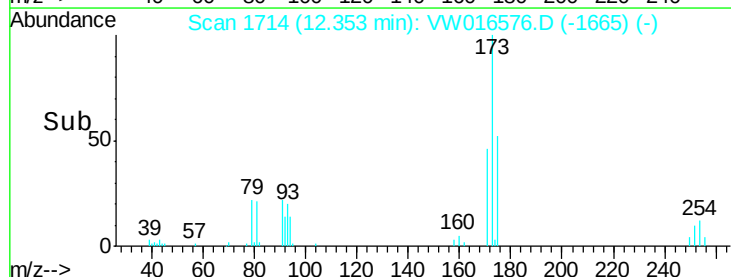
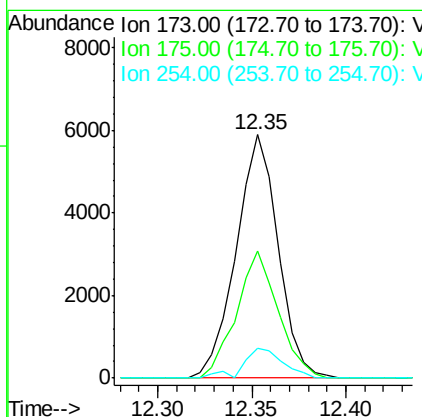
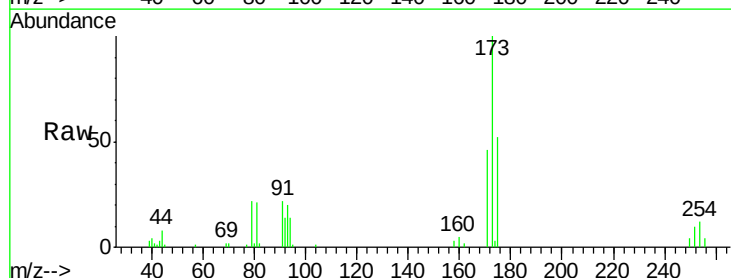
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5105

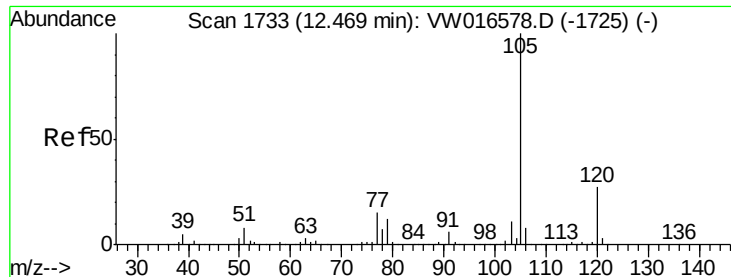
Tgt Ion: 83 Resp: 13767
 Ion Ratio Lower Upper
 83 100
 85 59.7 46.3 85.9
 131 9.4 9.3 13.9



#59
 Bromoform
 Concen: 2.238 ug/L
 RT: 12.35 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: VW016576.D
 Acq: 18 Sep 2020 10:11

Tgt Ion: 173 Resp: 9109
 Ion Ratio Lower Upper
 173 100
 175 51.7 39.7 59.5
 254 10.3 8.2 12.2





#60

Isopropylbenzene

Concen: 2.580 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW016576.D

Acq: 18 Sep 2020 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5105

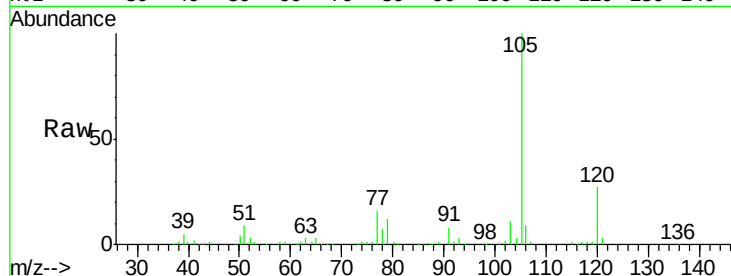
Tgt Ion: 105 Resp: 94989

Ion Ratio Lower Upper

105 100

120 26.5 21.8 32.8

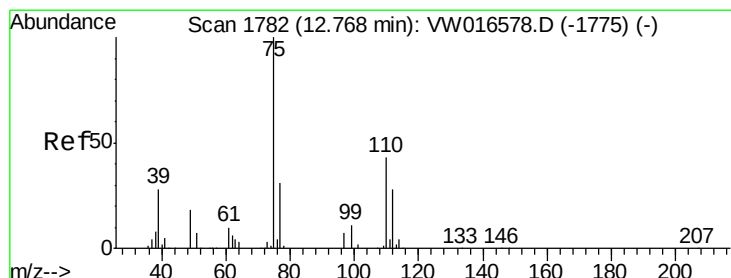
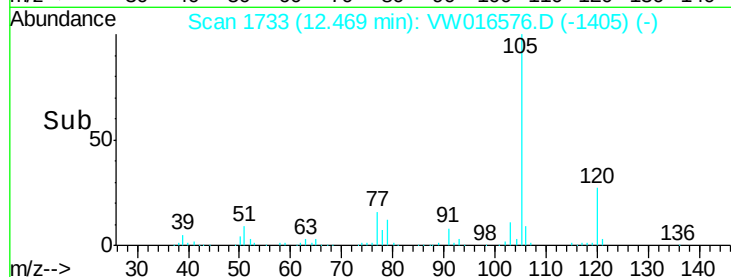
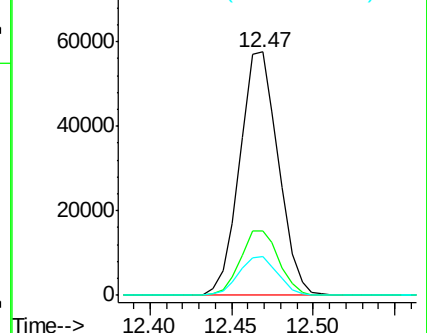
77 16.1 12.1 18.1



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



#61

1,2,3-Trichloropropane

Concen: 2.480 ug/L

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW016576.D

Acq: 18 Sep 2020 10:11

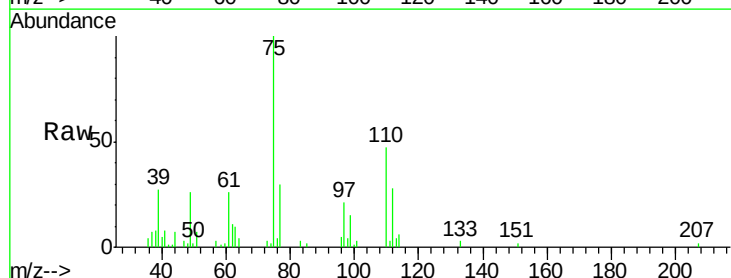
Tgt Ion: 75 Resp: 10308

Ion Ratio Lower Upper

75 100

77 33.9 25.8 38.8

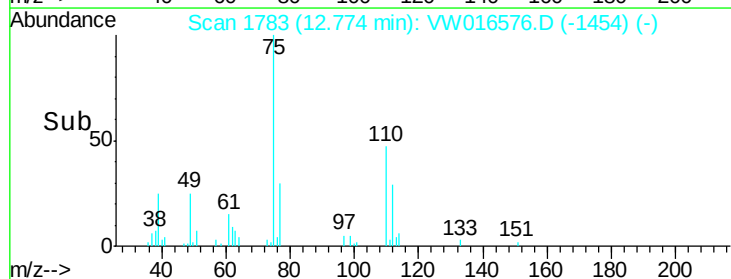
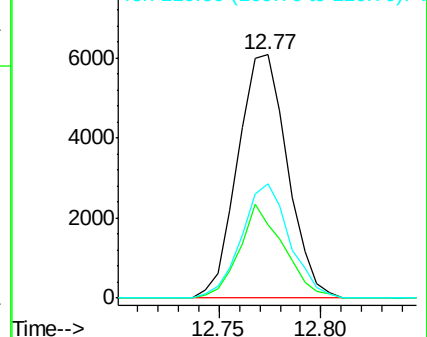
110 45.4 35.8 53.8

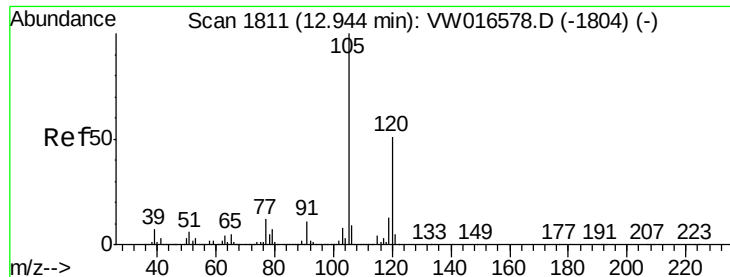


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

Ion 110.00 (109.70 to 110.70): V





#62

1,3,5-Trimethylbenzene

Concen: 2.494 ug/L

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016576.D

Acq: 18 Sep 2020 10:11

Instrument :

MSVOA_W

ClientSampled :

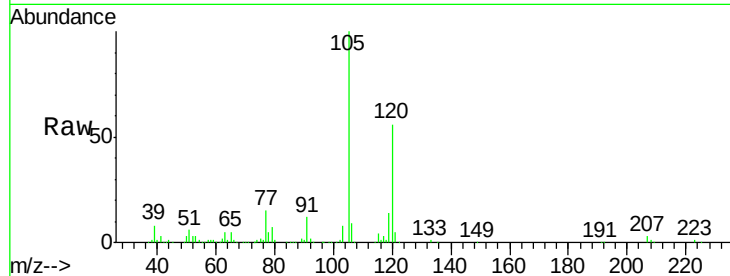
VSTD2.5105

Tgt Ion:105 Resp: 75570

Ion Ratio Lower Upper

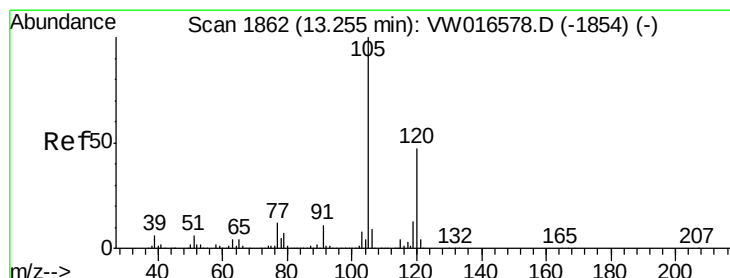
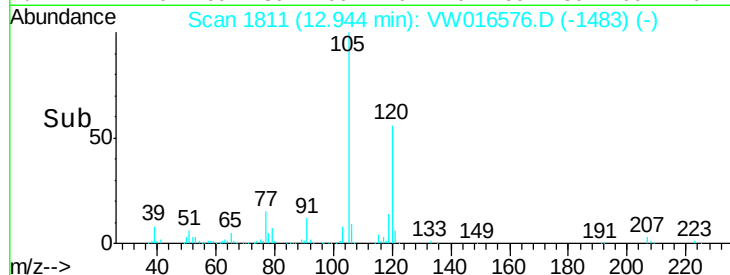
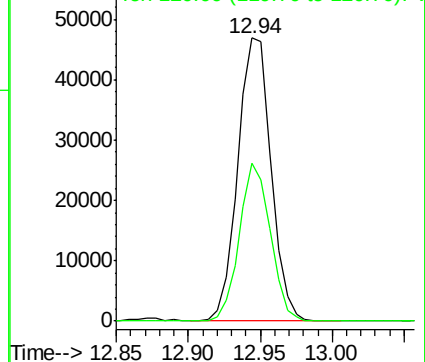
105 100

120 51.8 39.8 59.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#63

1,2,4-Trimethylbenzene

Concen: 2.531 ug/L

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW016576.D

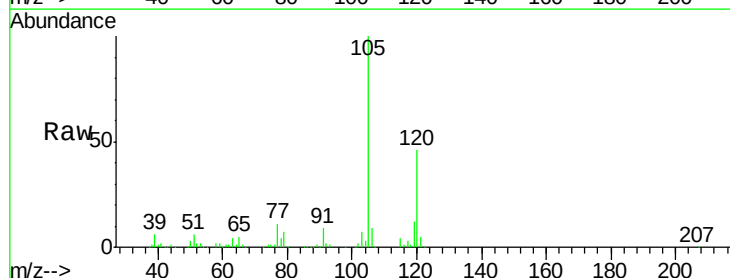
Acq: 18 Sep 2020 10:11

Tgt Ion:105 Resp: 76225

Ion Ratio Lower Upper

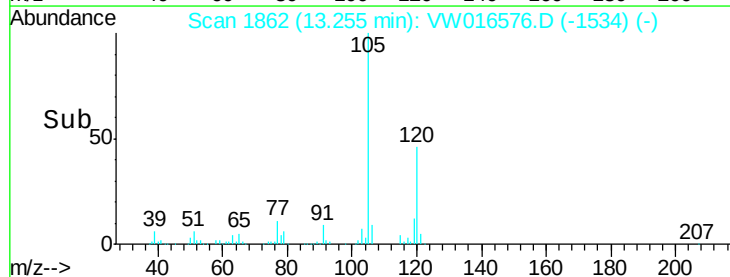
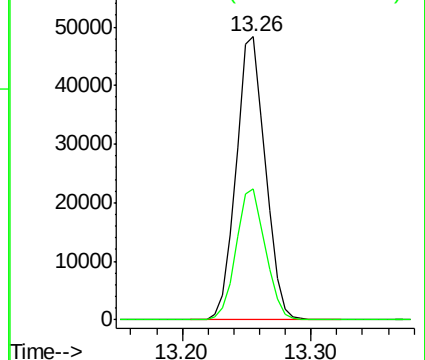
105 100

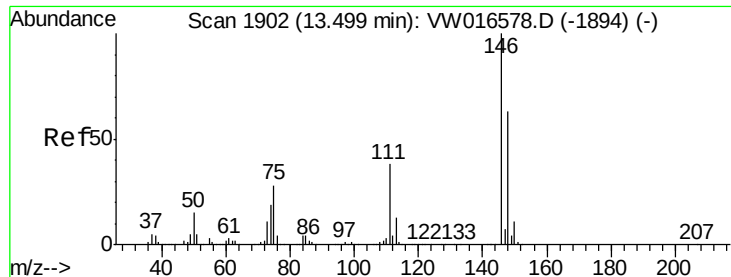
120 46.2 36.4 54.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

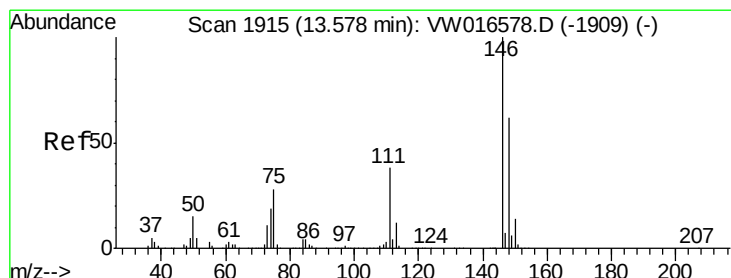
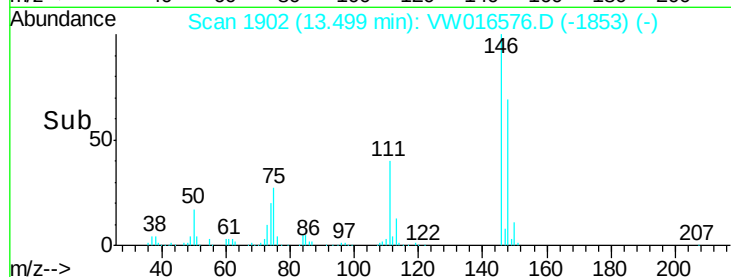
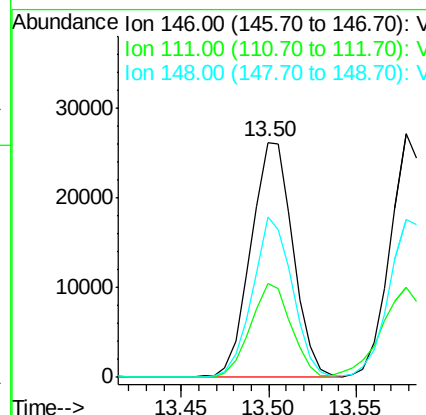
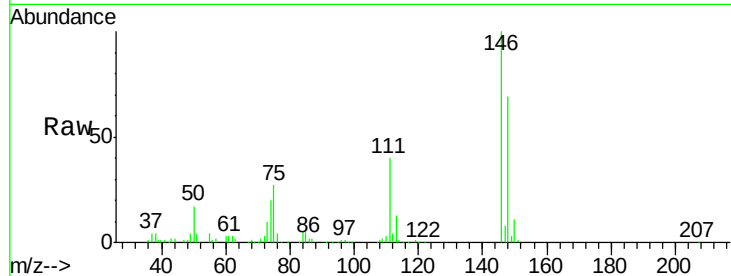




#64
 1,3-Dichlorobenzene
 Concen: 2.599 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016576.D
 Acq: 18 Sep 2020 10:11

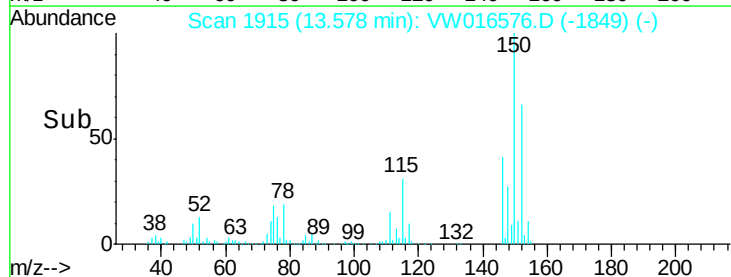
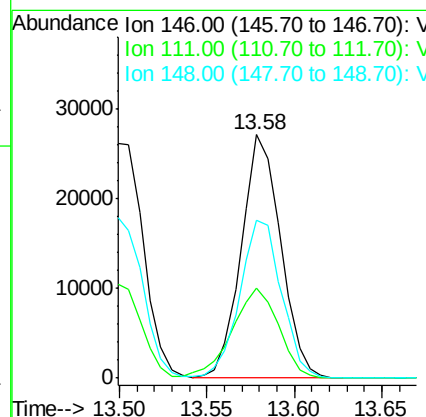
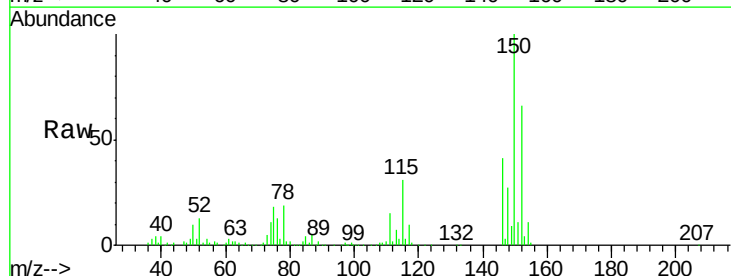
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5105

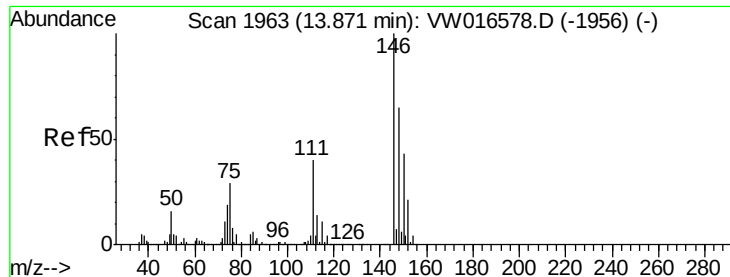
Tgt Ion:146 Resp: 43914
 Ion Ratio Lower Upper
 146 100
 111 39.8 26.5 49.3
 148 68.5 44.0 81.8



#65
 1,4-Dichlorobenzene
 Concen: 2.576 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016576.D
 Acq: 18 Sep 2020 10:11

Tgt Ion:146 Resp: 42692
 Ion Ratio Lower Upper
 146 100
 111 37.2 26.5 49.3
 148 64.8 43.8 81.4

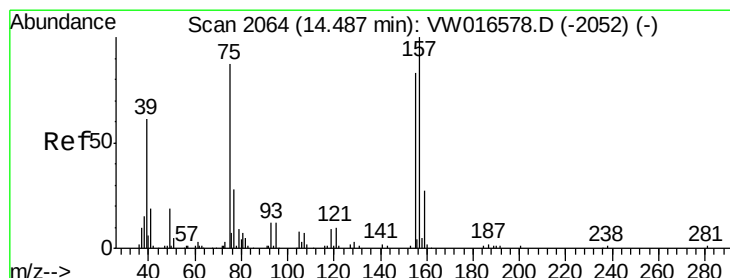
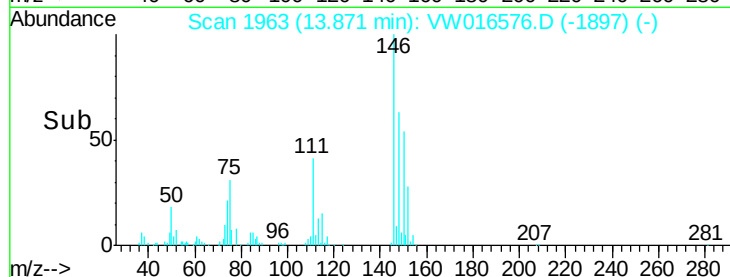
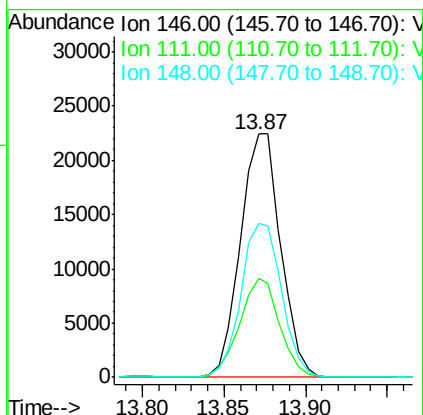
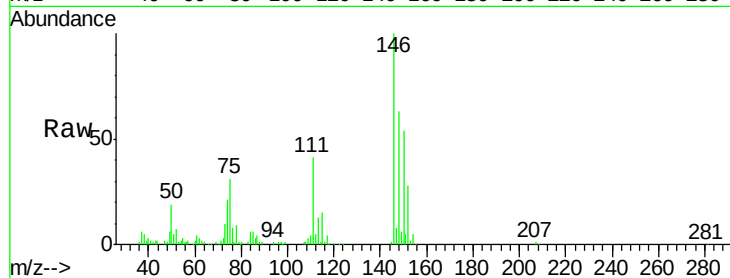




#67
 1,2-Dichlorobenzene
 Concen: 2.576 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016576.D
 Acq: 18 Sep 2020 10:11

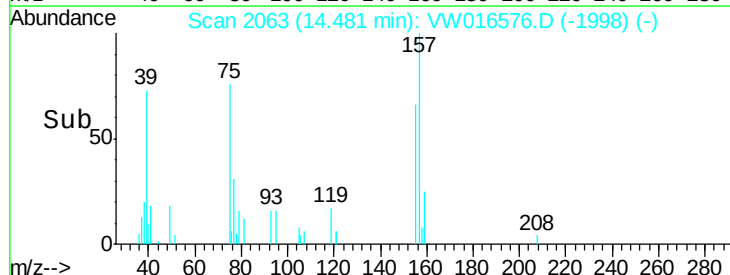
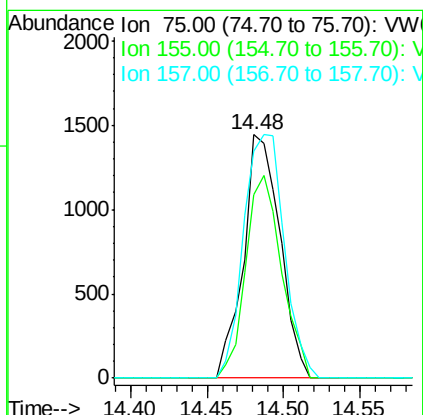
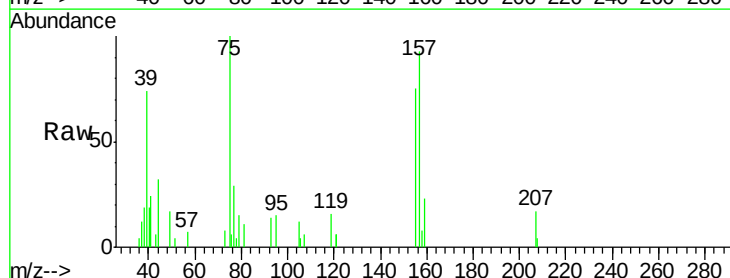
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5105

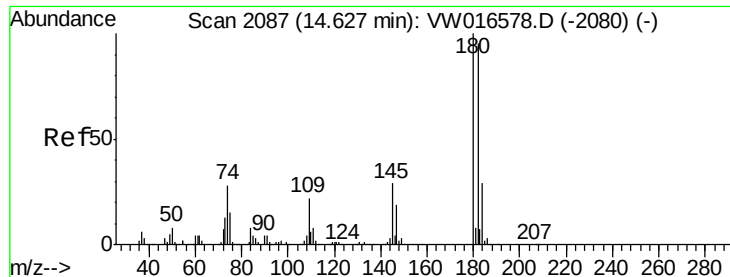
Tgt Ion: 146 Resp: 38514
 Ion Ratio Lower Upper
 146 100
 111 40.9 32.4 48.6
 148 63.4 52.2 78.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 2.444 ug/L
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW016576.D
 Acq: 18 Sep 2020 10:11

Tgt Ion: 75 Resp: 2387
 Ion Ratio Lower Upper
 75 100
 155 75.2 76.6 115.0#
 157 93.2 92.0 138.0

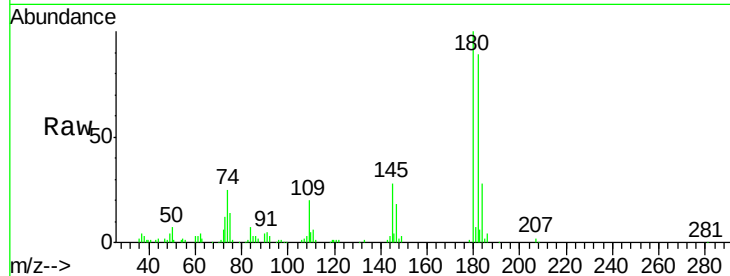




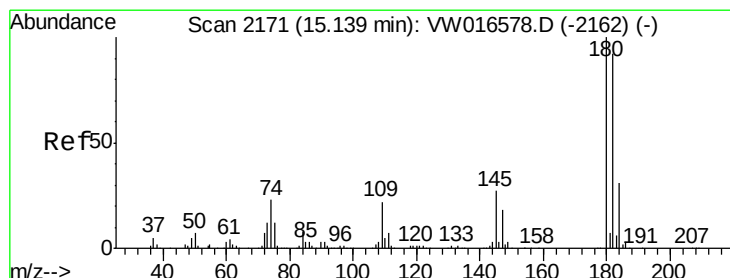
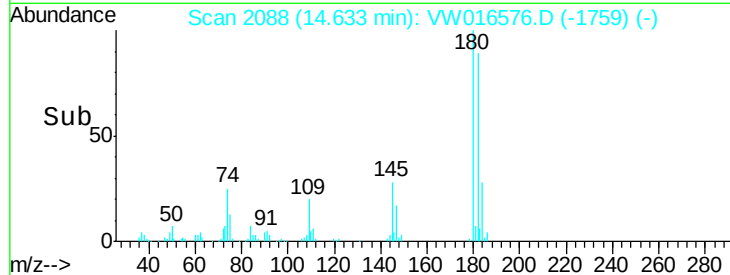
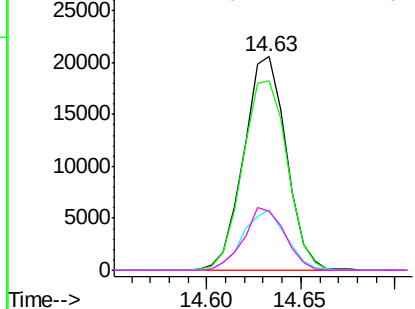
#69
 1,3,5-Trichlorobenzene
 Concen: 2.577 ug/L
 RT: 14.63 min Scan# 2088
 Delta R.T. 0.01 min
 Lab File: VW016576.D
 Acq: 18 Sep 2020 10:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5105

Tgt Ion:	180	Resp:	32142
Ion	Ratio	Lower	Upper
180	100		
182	93.7	79.0	118.4
184	29.0	24.6	36.8
145	28.5	23.2	34.8

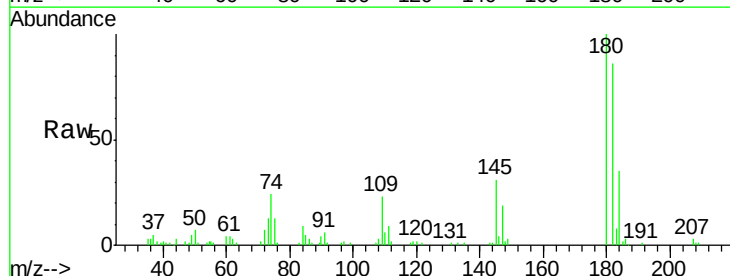


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

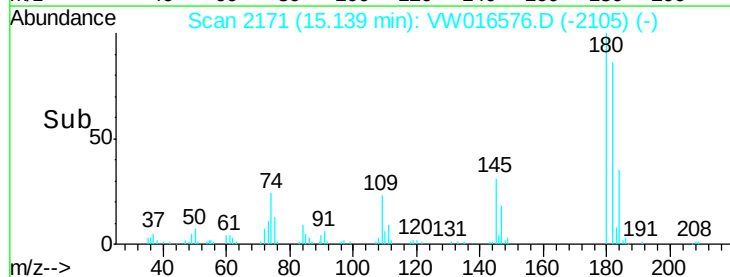
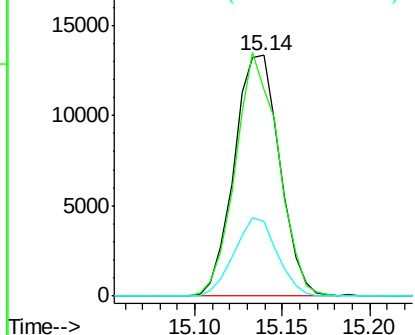


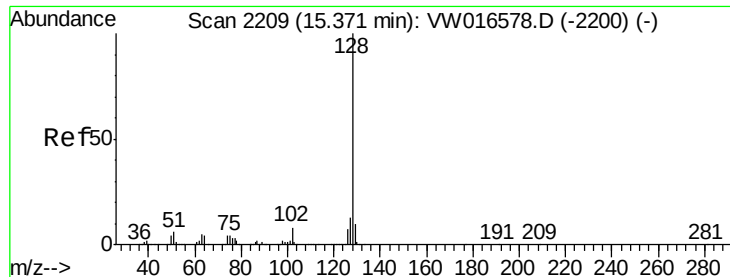
#70
 1,2,4-trichlorobenzene
 Concen: 2.395 ug/L
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW016576.D
 Acq: 18 Sep 2020 10:11

Tgt Ion:	180	Resp:	24121
Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.1	114.1
145	30.9	24.1	36.1



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

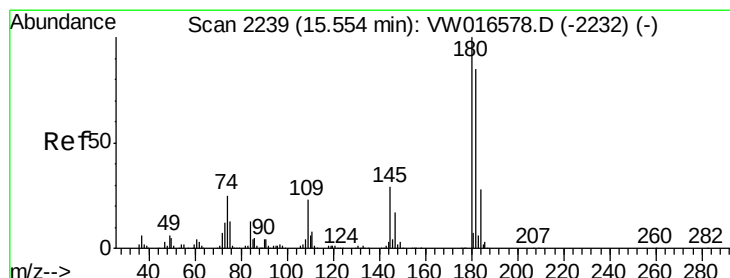
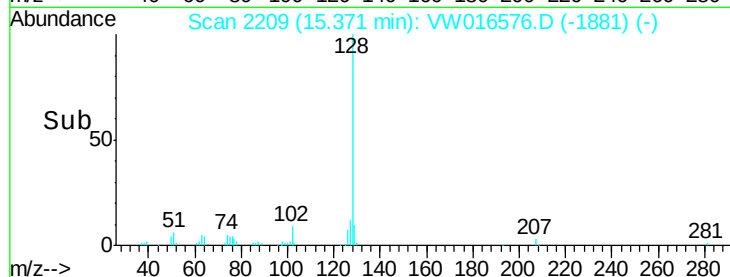
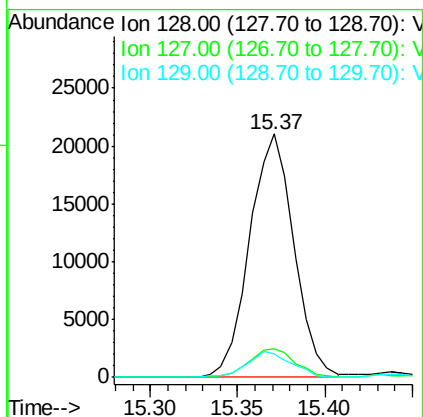
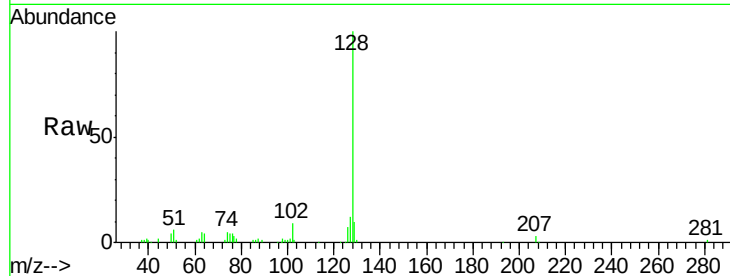




#71
Naphthalene
Concen: 2.187 ug/L
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016576.D
Acq: 18 Sep 2020 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5105

Tgt Ion:128 Resp: 36961
Ion Ratio Lower Upper
128 100
127 12.3 10.6 16.0
129 10.5 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 2.332 ug/L
RT: 15.56 min Scan# 2240
Delta R.T. 0.01 min
Lab File: VW016576.D
Acq: 18 Sep 2020 10:11

Tgt Ion:180 Resp: 19719
Ion Ratio Lower Upper
180 100
182 97.7 75.5 113.3
145 34.8 24.3 36.5

